May 2025

Annual Periodic Review Report and IC/EC Certification

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 APPENDICES

LIST OF ATTACHMENTS

1.0 EXECUTIVE SUMMARY

Marks Engineering, P.C. (Marks Engineering), prepared this Periodic Review Report (PRR) and IC/EC Certification for the Modock Rd. Springs/DLS Sand & Gravel, Inc. Site, Site No. 835013, located in the Town of Victor, Ontario County, New York (herein referred to as the "Site"). A Site Location Map is presented as **Figure 1**. A Site Plan showing the Site location and boundaries of the Site are included in **Figure 2**.

A series of investigations at the Site have been conducted starting in approximately 1995. The data from the investigations generally shows that chlorinated volatile organic compounds (CVOCs), including trichloroethene (TCE), 1,1,1-trichloroethane (TCA), and 1,1-dichloroethene (1,1-DCE), were likely released by parties unknown on the property 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 investigations, in 2001, the New York State Department of Environmental Conservation (NYSDEC) 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 NYSDEC's Record of Decision (ROD) for the Site was issued in 2010 selecting monitored natural attenuation (MNA) as the remedy for the Site. The Site Management Plan (SMP), generated as a requirement of the ROD, 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 (EE) to restrict the future use of the Site to commercial use and prohibit the future use of the groundwater at the Site; (b) a SMP which will require long-term plume management monitoring (PMM), maintenance of the Sub Slab Depressurization Systems (SSDSs) in several residences, long-term monitoring of soil vapor intrusion in residences requiring monitoring, and periodic review reporting to the NYSDEC; and (c) a contingency for the implementation of a zero valent iron treatment injection to reduce contaminant mass in the area of highest groundwater CVOC concentrations if the results of the PMM program demonstrate that the CVOC groundwater concentrations are at concentrations not acceptable to NYSDEC and are not continuing to decline.

Institutional Controls and Engineering Controls (ICs and ECs) have been incorporated into the Site remedy to control exposure to the remaining residual contamination in order to ensure protection of public health and the environment. The EE which has been imposed on the Site, and recorded with the Ontario County Clerk, requires compliance with the SMP and all the ECs and ICs placed on the Site in the SMP. A copy of the EE is provided in Appendix A of the SMP.

Marks Engineering found that each component of the EE and SMP were complied with during this reporting period (March 31, 2024 through March 31, 2025):

- ICs/ECs have been in place and effective,
- Sampling under the SMP's Site Monitoring Plan, including groundwater and surface water monitoring, soil vapor monitoring, and soil vapor intrusion monitoring, was performed as required during the reporting period,
- The tasks set forth in the SMP's Site Operation and Maintenance (O&M) Plan, including inspections and maintenance of the SSDSs were performed as required.
- The annual Site-Wide Inspection and preparation of this PRR were completed as required by the SMP.

Based upon these activities and compliance with the SMP, the Site remedy continues to meet the remedial objectives set forth in the ROD and SMP, and has for quite some time. Based upon this record of compliance, and on the basis of the NYSDEC approval 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. A revised SMP, that reflects this change, will be reissued to the department for review and approval in May of 2025.

2.0 SITE OVERVIEW

The Site is located in the Town of Victor, Ontario County, New York. A Site Location Map is presented as **Figure 1**.

The Site is a Class 4 Inactive Hazardous Waste Disposal Site (Site No. 835013). The scope of work presented herein is consistent with the NYSDEC-approved SMP, dated March 2019, and the NYSDEC ROD, for the Site.

A Site Plan showing the Site location and boundaries of the Site is included on **Figure 2**. The boundaries of the real property comprising the Site are more fully described in the metes and bounds description that is attached to the EE in Appendix B of the SMP.

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

The Site is comprised of a 173-acre parcel, currently operated by Syracusa Sand and Gravel Inc. (SS&G) as an active sand and gravel mine. 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 until 1973 when the corporate name was changed to Syracusa Sand and Gravel Inc. From 1966 to 1971, a portion of the property 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 TCE, TCA, and 1,1-DCE, were likely released by parties unknown on the property 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 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 MNA as the remedy for the Site. The SMP, generated as a requirement of the ROD, 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 the Site to commercial/industrial use, including compliance with municipal land use requirements, and to prohibit the future use of the groundwater at the Site; (b) a SMP which requires long-term PMM, maintenance of the SSDSs in several residences, long-term monitoring of soil vapor intrusion in residences requiring monitoring, and periodic review reporting to the NYSDEC; and (c) a contingency for the implementation of a zero valent iron treatment injection to reduce contaminant mass in the area of highest groundwater CVOC concentrations if the results of the PMM program demonstrate that the CVOC groundwater concentrations are at concentrations not acceptable to NYSDEC and are not continuing to decline.

3.0 REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

The ROD for the Site selected MNA as the remedy. In addition to MNA, the ROD selected the following additional remedial actions for the Site summarized as follows:

(a) Imposition of an institutional control in the form of an EE at the Site that requires compliance with the approved SMP; restricts the use of groundwater as a source of potable water, without necessary water quality treatment as determined by NYSDOH; and requires the property owner to complete and submit to the Department a periodic certification of the continued effectiveness of the institutional controls.

> Compliance Acknowledgement: The EE which has been imposed on the Site, and recorded with the Ontario County Clerk, also requires compliance with this SMP and all the ECs and ICs placed on the Site in the SMP. The Site Owner is currently operating in compliance with the requirements of the EE.

(b) a SMP which will require long-term PMM, maintenance of the SSDSs in several residences, long-term monitoring of soil vapor intrusion in residences requiring monitoring, and periodic review reporting to the NYSDEC.

> Compliance Acknowledgement: Marks Engineering found that each component of the SMP was complied with during this reporting period (March 31,2024 through March 31, 2025):

- ICs/ECs have been in place and effective,
- The SMP activities, including groundwater and surface water monitoring, soil vapor monitoring and soil vapor intrusion monitoring, were performed during the reporting period,
- The tasks set forth in the Site Operation and Maintenance (O&M) Plan, including inspections and maintenance of the SSDSs, were performed as required.
- An annual Site-Wide Inspection and the PRR were completed.

(c) a contingency for the implementation of a zero valent iron treatment injection to reduce contaminant mass in the area of highest groundwater CVOC concentrations if the results of the PMM program demonstrate that the CVOC groundwater concentrations are at concentrations not acceptable to NYSDEC and are not continuing to decline.

Compliance Acknowledgement: The PMM program includes groundwater, surface water and soil vapor monitoring. These monitoring events are documented in a series of reports prepared by Marks Engineering during this reporting period including:

- An annual groundwater and surface water monitoring report for sampling conducted in October 2024.
- An annual soil vapor monitoring report for sampling conducted in October 2024.

  Copies of the annual groundwater and surface water monitoring report and the annual soil vapor monitoring report are included herein as **Attachment A** and **Attachment B,** respectively.

  Both reports concluded that the concentrations of CVOCs within the plume continue to decline and that implementation of the zero valent iron contingency is not necessary at this time. The detected concentrations of TCE, TCA and 1,1-DCE in soil vapor during the October 2024 soil vapor 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. Similarly, for groundwater and surface water, the overall data trend for samples dating back as far as 1990 shows that the concentrations of the CVOCs in the plume are continuing to decline; indicating that natural attenuation of contaminants continues to occur, and satisfying the objectives of the remedy (long term PMM and monitored natural attenuation) selected for the Site in the ROD.

4.0 IC/EC PLAN COMPLIANCE

4.1 IC Requirements

A series of ICs are required for the on-Site soils which is either above the plume of CVOC subsurface contamination or in close enough proximity to the subsurface contamination to hold the potential for SVI. Those ICs have been and will be implemented by the Site Owner pursuant to the requirements of the EE, including to: (1) implement, maintain, and monitor the ECs; (2) prevent future exposure to remaining contamination by controlling disturbances of the Site; and, (3) limit the use and development of the Site to commercial or industrial uses only consistent with municipal land use restrictions. Adherence to these ICs on the Site is required by the EE, including implementation under the SMP. The IC boundary is described in the Metes and Bounds description provided in the EE attached as Appendix B of the SMP and depicted on **Figure 2**. These ICs are:

- Compliance with the EE and the SMP by the Grantor, *i.e.*, SS&G, and the Grantor's successors and assigns;
- All ECs must be operated and maintained as specified in the SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- Groundwater, surface water, soil vapor and soil vapor intrusion monitoring must be performed as defined in the SMP;
- Data and information pertinent to site management must be reported at the frequency and in a manner defined in the SMP;
- The proper operation and maintenance of the components of the remedy will continue until the remedial objectives have been achieved, or until the NYSDEC determines that continued operation is technically impractical or not feasible;
- All future activities that will disturb remaining contaminated material, such as the excavation of soils below the groundwater table, must be conducted in accordance with the SMP. Any materials produced by such activities must be managed as potentially impacted material;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP;
- Access to the Site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the EE;
- The Site owner or remedial party will submit to the NYSDEC a written statement that certifies, under penalty of perjury, that: (1) the ICs and ECs employed at the Site are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitutes a violation or failure to comply with the SMP. NYSDEC retains the right to access the Site at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or at an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

ICs identified in the EE may not be discontinued without an amendment to or extinguishment of the EE.

The Site has a series of ICs in the form of Site restrictions. Adherence to these ICs is also required by the EE. Site restrictions that apply to the Site are:

- The Site may only be used for “Commercial Use” as defined in 6 NYCRR Part 375-1.8(g)(2)(iii) or “Industrial Use” as defined in 6 NYCRR Part 375-1.8(g)(2)(iv) and consistent with local zoning and only provided that the long-term ECs and ICs included in this SMP are employed.
- The Site may not be used for a higher level of use, such as Unrestricted Use, Residential Use, or Restricted Residential Use (as defined in 6 NYCRR Part 375-1.8(g), without additional remediation and amendment of the EE, as approved by the NYSDEC;
- The use of the groundwater underlying the Site is prohibited without necessary water quality treatment as determined by the NYSDOH or Ontario County Department of Health to render it safe for use as drinking water (but not restricting the use of the uncontaminated bedrock groundwater as a source of industrial water), and the user must first notify and obtain the written approval to do so from the NYSDEC;
- The excavation of soils below the groundwater table is prohibited without prior approval of the NYSDEC;
- With respect to any structure to be developed on the Controlled Property, and to the extent permitted by the owners of any newly built structures within the boundaries of the groundwater plume, the potential for soil vapor intrusion must be evaluated, and any impacts that are identified must be monitored or mitigated;
- Vegetable gardens and farming on the Site are prohibited;
- A contingency requirement for ZVI injection as described in the SMP, if the results of the long-term plume management monitoring demonstrate that the CVOC groundwater concentrations are at concentrations not acceptable to NYSDEC and are not continuing to decline; and NYSDEC retains the right to access the Site at any time in order to evaluate the continued maintenance of any and all controls.

4.2 EC Requirements

The Site ECs outlined in the SMP are as follows:

- Monitoring Well Network and Surface Water Sampling - A monitoring well network of approximately 50 wells has been installed based on the most likely shape and depth of the contaminant plume, and to determine the margins of the plume. Periodic groundwater sampling of representative wells functions over time to determine the attenuation rate of the target CVOCs.
- Soil Vapor Monitoring Points – The soil vapor monitoring network that includes 13 permanent soil vapor probes was installed within and at the boundary of the plume. Periodic sampling of the soil vapor probes is required in coordination with the sampling of groundwater and surface water.
- Contingent Zero Valent Iron Injections - In the event that long-term monitoring of the plume indicates that enhanced contaminant reduction is necessary because the CVOC groundwater concentrations do not continue to decline to asymptotic level with concentrations acceptable to NYSDEC, ZVI injection will be implemented in the northern portion of the Site, where historically CVOC concentrations are highest.

- SSDSs - Exposure to remaining contamination in soil vapor at the Site and off-site is prevented by operation of the SSDSs installed by NYSDEC or Site Owner at residential properties located within the boundaries of the groundwater plume. These SSSDs are required to be inspected and maintained in accordance with the SMP.

4.3 IC/EC Compliance

The NYSDEC-approved EE and SMP are in place. The required IC/ECs were performed in accordance with the EE and the SMP during this reporting period. The Site use restrictions have been complied with during this reporting period.

4.4 IC/EC Certification

The IC/EC certification is included in **Appendix A** of this PRR.

5.0 MONITORING PLAN COMPLIANCE

The SMP includes a Site Monitoring Plan which requires groundwater and surface water monitoring, soil vapor monitoring, and soil vapor intrusion monitoring.

5.1 Groundwater and Surface Water Monitoring

As described in the SMP and the NYSDEC Groundwater and Surface Water Sampling Report Approval and Future Sampling Requirements letter (NYSDEC, 2021), one annual groundwater and surface water monitoring event was required for this reporting period. The required sampling was performed in October 2024 at 11 monitoring wells (MW-4, MW-10, MW-13, MW-14, MW-15, MW-16, MW-17s, MW-23, MW-24s, MW-26 and SS&G MW-3) and one surface water location (SC-1). The annual groundwater and surface water monitoring report is included herein as Attachment A. As discussed in Section 3 above, the overall data trend, for samples dating back as far as 1990, shows that the concentrations of the CVOCs in the plume are continuing to decline; indicating that natural attenuation of contaminants continues to occur, and satisfying the objectives of the remedy (long term PMM of MNA) selected for the Site in the ROD.

Given that SS&G has collected five years of annual groundwater and surface water data after approval of the SMP, (starting with four quarterly frequency sample events in 2020) with an overall decreasing trend in CVOC concentrations in the plume and no evident short-term (year to year) trends, SS&G requested that the surface water and groundwater 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 groundwater and surface water sampling event, at a 15-month frequency, would be planned for December 2025. Consistent with recent historic sample events, groundwater sampling will continue to be conducted at the same subset of eleven monitoring wells (MW-4, MW-10, MW-13, MW-14, MW-15, MW-16, MW-17s, MW-23, MW-24s, MW-26 and SS&G MW-3) and one surface water sample location (SC-1) and will be scheduled at the same time as the soil vapor point sampling event

5.2 Soil Vapor Monitoring

Soil vapor sampling was conducted during one annual event in October 2024 at all 13 of the permanent soil vapor probes (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). The annual soil vapor point sampling report is included herein as Attachment B. The location of the soil vapor points is depicted on Figure 3. As discussed in Section 3 above, The detected concentrations of TCE, TCA and 1,1-DCE in soil vapor during the October 2024 soil vapor sample event are overall much lower (TCE was detected at concentrations ranging from non-detect [ND] to 42.6 ug/m3, TCA from ND to 1,060 ug/m3 and 1,1-DCE from ND to 28.3 ug/m3) 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/m3, TCA from ND to 5,900 ug/m3 and 1,1-DCE from ND to 1,100 ug/m3)(NYSDEC, 2010) which supports that MNA is occurring.

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.

5.3 Soil Vapor Intrusion Monitoring

Soil vapor intrusion (SVI) monitoring was conducted at one residential property at the request of the NYSDEC for this reporting period. This SVI sampling was performed in January 2025 at Property V. As in previous years, the resident at 7540 Dryer Road did not respond to communications requesting access to sample and records in the Ontario County Online Resources indicate that the ownership of the home has not changed in the current reporting year. The results of the SVI sampling at Property V are discussed in the SVI sampling report dated February 2025, revised May 2025 (**Attachment C**).

Based on the January 2025 sample results, SVI does not appear to be occurring at Property P. No further action at this time is required at this residence.

5.4 Site-Wide Inspection

The annual Site-Wide Inspection was completed this reporting period on October 4, 2024. The inspection observations are documented on the Site-Wide Inspection Form included as **Attachment D**. The IC/EC certification associated with the Site-Wide Inspection is included as **Appendix A** to this Report.

6.0 OPERATIONS AND MAINTENANCE PLAN COMPLIANCE

The SMP's Site O&M Plan includes inspections and maintenance of the SSDSs identified in the SMP. A SSDS Inspection Report, dated March 19, 2025, was submitted to the NYSDEC. The report summarized the results of the SSDS inspections at 18 residences during this reporting period; four residents did not respond, one resident requested the inspection to be conducted at a later date. The SSDS inspection report is included herein as **Attachment E.**

The findings of the SSDS inspections are summarized as follows:

- At 16 of the 18 residents that granted access to inspect, the existing SSDSs were observed in good working order and require no maintenance at this time.
- One residence (Property A) had a noisy SSDS fan, but the SSDS was otherwise in good working order. The SSDS fan will be replaced by Mitigation Tech, Brockport, New York (EPA listing # 15415-I; NEHA ID# 100722).
- The existing SSDS at Property DD was recently disconnected and capped by the homeowner due to a home renovation project that will interfere with the current routing of the fan and associated piping. The resident will contact Marks Engineering to have the system reconnected once the renovation is complete. Consistent with last year's annual inspection, the homeowner requested reimbursement for a SSDS to be installed at a second workshop structure recently constructed on the property. The homeowner reported that subgrade piping was installed beneath the basement slab by his builder, but the above grade fan and piping trunk system has yet to be installed. SS&G will arrange for installation of a SSDS at this second location when the homeowner is ready and prior to occupancy (the structure is still currently under construction).
- The SSDS fan at Property T is installed in the basement; in consultation with Mitigation Tech this is contrary to the current NYSDOH guidance. The fan can be moved to the garage attic, as the exhaust pipe is already routed through the garage attic space, however the homeowner was unwilling to allow this intrusive type of work at this time. Marks Engineering will continue to address and discuss this item with the homeowner during future inspections. The SSDS was otherwise in good working order.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Marks Engineering found that each component of the EE and SMP were complied with during this reporting period (March 31, 2024 through March 31, 2024):

- ICs/ECs have been in place and effective,
- The requirements of the Site Monitoring Plan including groundwater and surface water monitoring, soil vapor monitoring and soil vapor intrusion monitoring were performed during the reporting period,
- The Site O&M Plan, including inspections and maintenance of the SSDSs, was performed as required.
- The annual Site-Wide Inspection and PRR (this Report) were completed.

Based upon these activities and compliance with the SMP, the Site remedy continues to meet the remedial objectives set forth in the ROD and SMP. As described in Section 5, given that SS&G has collected five years of annual groundwater, surface water and soil vapor data after approval of the SMP, (starting with four quarterly frequency sample events in 2020) with an overall decreasing trend in CVOC concentrations in the plume and no evident short-term (year to year) trends, SS&G requested that the soil vapor, surface water and groundwater 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, surface water and groundwater sampling event, at a 15-month frequency, would be planned for December 2025. Consistent with recent historic sample events, soil vapor sampling will continue at the same time as the groundwater and surface water sampling event. Groundwater sampling will continue to be conducted at the same subset of eleven monitoring wells (MW-4, MW-10, MW-13, MW-14, MW-15, MW-16, MW-17s, MW-23, MW-24s, MW-26 and SS&G MW-3) and one surface water sample location (SC-1). Soil vapor sampling will continue to be conducted at all 13 soil vapor points. The SMP will be revised and resubmitted to the NYSDEC to reflect this change. The SSDS inspections and the PRR will continue to be conducted at the frequency described in the SMP.

8.0 REFERENCES

Bristol Consulting and Marks Engineering, P.C., 2019, *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

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 2021, *Modock Springs/Syracusa Sand and Gravel, Inc., Site No. 835013 Groundwater and Surface Water Sampling Report Approval and Future Sampling Requirements*, December 21, 2020 (typo should read December 21, 2021)

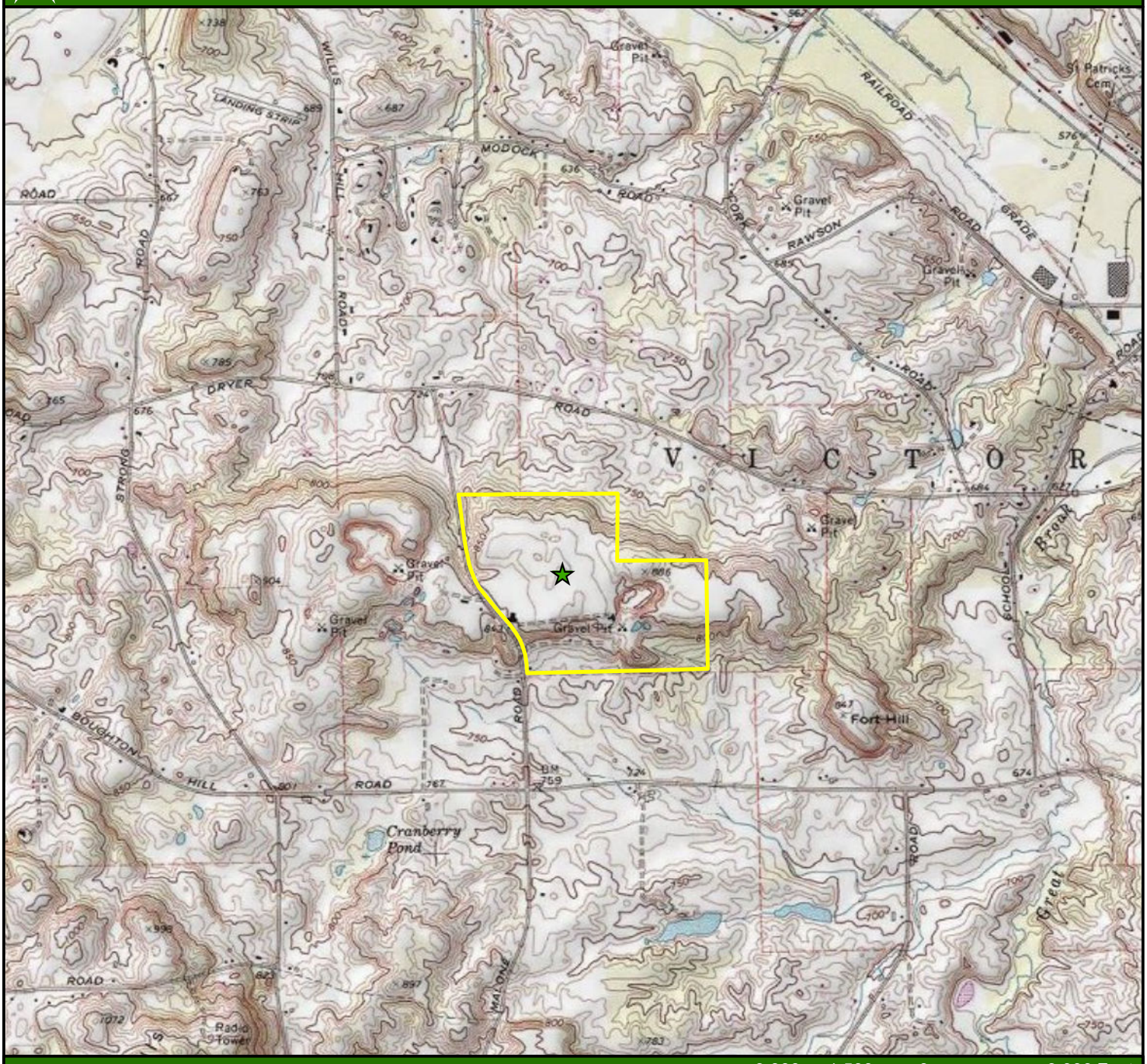
NYSDEC, 2022, *Public Notice, State Superfund Program*, *State Superfund Site Reclassification Notice Class 2 to Class 4* Modock Springs-DLS Sand and Gravel, Inc., Site No 83513, December 2022

NYSDEC, 2024, *Modock Springs/Syracusa Sand and Gravel, Inc., Site No. 835013*, April 24, 2025

MarksEngineering

Figures

FIGURE 1
SITE LOCATION



LEGEND

3,000 1,500 0 3,000 Feet

PROJECT LOCATION

SITE BOUNDARY

MODOCK RD SPRINGS/
DLS SAND & GRAVEL INC.
1389 MALONE ROAD
VICTOR, NEW YORK 14564
NYSDEC SITE NO. 8-35-013

NEW YORK STATE -
ONTARIO COUNTY

SOURCES:
TAX PARCEL - ONTARIO COUNTY GIS, 2018
BASEMAP - ADAPTED FROM VICTOR, NY
USGS TOPOGRAPHIC QUAD

MarksEngineering

N

DEER XING
RABBIT EAR PASS
RACCOON RUN
OAK RIDGE DR
WARTERS CV
STATE ROUTE 251
MODOCK RD
GP-6
GP-3
GP-2
GP-4
SPRING PZ-2
SPRING PZ-3
SPRING PZ-1
MW-5
TEST WELL
MW-4
MW-27
PILGRIM PASS
OAKWOOD DR
NATURES WAY
ZEPHYR HTS
SUMMERHILL LN
CORK RD
CARRINGTON WAY
RAWSON RD
MW-2
MW-7
MW-6
PINE TREE DR
HUNTERS RUN
SURREY LN
MW-10
MW-23
RED FOX RUN
TROTWOOD LN
MW-24S
MW-24D
MW-21
DRYER RD
MW-22
HEATHER LN
MW-12
MW-20
MW-9
MW-8
MW-11
MW-15
MW-13
MW-14
MW-17S
MW-17D
MW-16
SS&G MW-9
SS&G MW-16
SS&G MW-15
MW-19
SS&G MW-3
MW-18
MW-26
MALONE RD
SS&G MW-2
MW-25
SS&G MW-8
SS&G MW-4
SS&G MW-6
DLS SAND AND GRAVEL
SS&G MW-5
SS&G MW-7
SS&G MW-10
SS&G MW-11

Legend

- 1-Inch Monitoring Well [4]
- Monitoring Well [40]
- Spring Piezometer [3]
- Sampled Monitoring Well [11]
- Site Boundary

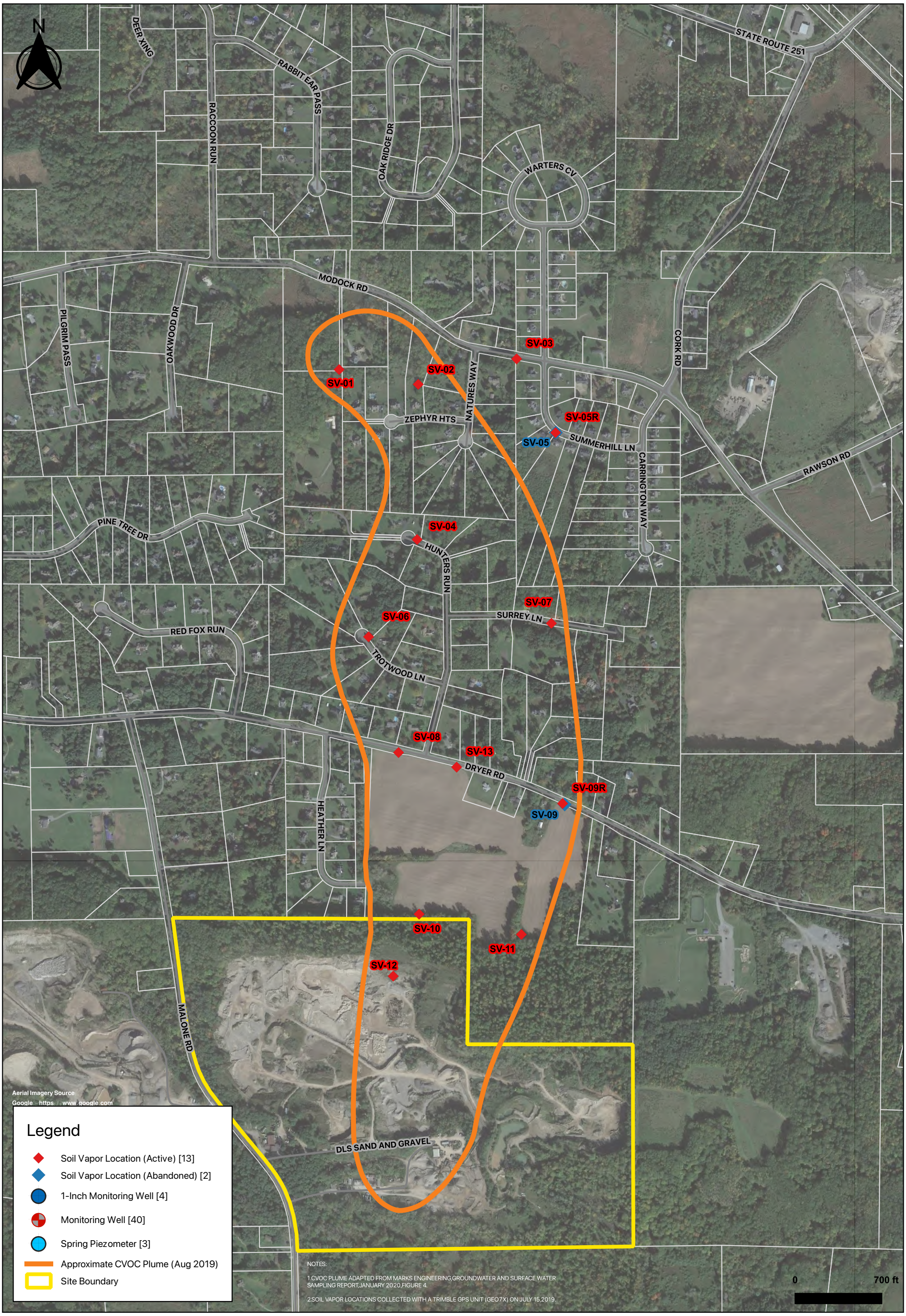
Aerial Imagery Source:
NYS GIS Clearinghouse | https://gis.ny.gov/
2018 NYSDOP 5 Foot Resolution

0 700 ft

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

FIGURE 2
SITE PLAN & GROUNDWATER
SAMPLE LOCATION MAP

MarksEngineering



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

FIGURE 3
SITE PLAN & SOIL VAPOR LOCATION MAP

MarksEngineering

Appendix 1 – IC/EC Certification Form

4/16/2025

Mark Syracusa
Syracusa Sand & Gravel Inc. f/k/a DLS Sand & Gravel, Inc.
P.O. BOX 2
Victor, NY 14564
vail1@aol.com

Re: Reminder Notice: Site Management Periodic Review Report and IC/EC Certification Submittal
Site Name: Modock Springs-DLS Sand and Gravel, Inc.
Site No.: 835013
Site Address: 1389 Malone Road
Victor (T), NY 14564

Dear Mark Syracusa:

This letter serves as a reminder that sites in active Site Management (SM) require the submittal of a periodic progress report. This report, referred to as the Periodic Review Report (PRR), must document the implementation of, and compliance with, site-specific SM requirements. Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation* (available online at http://www.dec.ny.gov/regulations/67386.html) provides guidance regarding the information that must be included in the PRR. Further, if the site is comprised of multiple parcels, then you as the Certifying Party must arrange to submit one PRR for all parcels that comprise the site. The PRR must be received by the Department no later than **April 30, 2024**. Guidance on the content of a PRR is enclosed.

Site Management is defined in regulation (6 NYCRR 375-1.2(at)) and in Chapter 6 of DER-10. Depending on when the remedial program for your site was completed, SM may be governed by multiple documents (e.g., Operation, Maintenance, and Monitoring Plan; Soil Management Plan) or one comprehensive Site Management Plan.

A Site Management Plan (SMP) may contain one or all of the following elements, as applicable to the site: a plan to maintain institutional controls and/or engineering controls ("IC/EC Plan"); a plan for monitoring the performance and effectiveness of the selected remedy ("Monitoring Plan"); and/or a plan for the operation and maintenance of the selected remedy ("O&M Plan"). Additionally, the technical requirements for SM are stated in the decision document (e.g., Record of Decision) and, in some cases, the legal agreement directing the remediation of the site (e.g., order on consent, voluntary agreement, etc.).

When you submit the PRR (by the due date above), include the enclosed forms documenting that all SM requirements are being met. The Institutional Controls (ICs) portion of the form (Box 6) must be signed by you or your designated representative. The Engineering Controls (ECs) portion of the form (Box 7) must be signed by a Qualified Environmental Professional (QEP). If you cannot certify that all SM requirements are being met, you must submit a Corrective Measures Work Plan that identifies the actions to be taken to restore compliance. The work plan must include a schedule to be approved by the Department. The Periodic Review process will not be considered complete until all necessary corrective measures are completed and all required controls are certified. Instructions for completing the certifications are enclosed.

All site-related documents and data, including the PRR, must be submitted in electronic format to the Department of Environmental Conservation. The required format for documents is an Adobe PDF file with optical character recognition and no password protection. Data must be submitted as an electronic data deliverable (EDD) according to the instructions on the following webpage:

https://www.dec.ny.gov/chemical/62440.html

Documents may be submitted to the project manager either through electronic mail or by using the Department's file transfer service at the following webpage:

https://fts.dec.state.ny.us/fts/

The Department will not approve the PRR unless all documents and data generated in support of the PRR have been submitted using the required formats and protocols.

New York State Department of Environmental Conservation

Enclosures

PRR General Guidance
Certification Form Instructions
Certification Forms

ec: w/ enclosures

ec: w/ enclosures
Jeffrey Dyber, Project Manager
Jeffrey Dyber, Section Chief
David Pratt, Hazardous Waste Remediation Supervisor, Region 8
Marks Engineering - Jeremy Wolf - jwolf@marksengineering.com

The following parcel owner did not receive an ec:
Syracusa Sand & Gravel, Inc. - Parcel Owner

Enclosure 1

Certification Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional Controls/ Engineering Controls (IC/ECs)(Boxes 3, 4, and 5)

1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6 and Box 7**):**

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.

- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the form.

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 835013

Site Name Modock Springs-DLS Sand and Gravel, Inc.

Site Address: 1389 Malone Road Zip Code: 14564
City/Town: Victor (T)
County: Ontario
Site Acreage: 174.490
Reporting Period: March 31, ~~2023~~ 2024 to March 31, ~~2024~~ 2025

	YES	NO
1. Is the information above correct?	☐	☒
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 835013 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
27.00-1-62.00	SYRACUSA SAND & GRAVEL, INC.	Ground Water Use Restriction Site Management Plan Monitoring Plan IC/EC Plan

Imposition of an institutional control in the form of an environmental easement at the Syracusa Sand and Gravel, Inc. property that will require (a) compliance with the approved site management plan; (b) restricting the use of groundwater as a source of potable water, without necessary water quality treatment as determined by NYSDOH; and (c) the property owner to complete and submit to the Department a periodic certification of institutional controls. The site management plan, including periodic reviews (nominally five years), includes the following institutional controls: (a) continued evaluation of the potential for vapor intrusion for any buildings developed on the site, including provision for mitigation of any impacts identified; (b) monitoring of site groundwater, surface water, and soil vapor and following collection, the placement of the analytical results into the document repositories; (c) public disclosure of the plume management monitoring results and the evaluation oflong-term trends in the analytical data; (d) identification of any use restrictions on the site; and (e) provisions for the continued proper operation and maintenance of the components of the remedy. The property owner for the site must provide a periodic certification of institutional controls, prepared and submitted by a professional engineer or such other expert acceptable to the Department, until the Department notifies the property owner for the site in writing that this certification is no longer needed. This submittal will: (a) contain certification that the institutional controls put in place are still in place and are either unchanged from the previous certification or are compliant with Department-approved modifications; (b) allow the Department access to the site; and (c) state that nothing has occurred that will impair the ability of the control to protect public health or the environment, or constitute a violation or failure to comply with the site management plan unless otherwise approved by the Department.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
27.00-1-62.00	Vapor Mitigation Fencing/Access Control

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. 835013

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Jeremy Wolf (print name) at Marks Engineering, 4303 NY-5, Canandaigua, NY 14424 (print business address),

am certifying as Owner Representative (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Jeremy Wolf

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

4/18/25

Date

EC CERTIFICATIONS

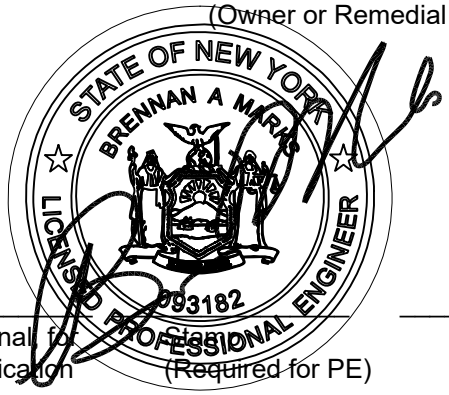
Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Jeremy Wolf (print name) at Marks Engineering, 4303 NY-5, Canandaigua NY 14424 (print business address),

am certifying as a Qualified Environmental Professional for the Owner (Owner or Remedial Party)



Jeremy Wolf

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

4/18/25

Date

Enclosure 3
Periodic Review Report (PRR) General Guidance

I. Executive Summary: (1/2-page or less)
   A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
   B. Effectiveness of the Remedial Program - Provide overall conclusions regarding;
      1. progress made during the reporting period toward meeting the remedial objectives for the site
      2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
   C. Compliance
      1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
      2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
   D. Recommendations
      1. recommend whether any changes to the SMP are needed
      2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
      3. recommend whether the requirements for discontinuing site management have been met.

II. Site Overview (one page or less)
   A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.
   B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.

III. Evaluate Remedy Performance, Effectiveness, and Protectiveness
   Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.

IV. IC/EC Plan Compliance Report (if applicable)
   A. IC/EC Requirements and Compliance
      1. Describe each control, its objective, and how performance of the control is evaluated.
      2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
      3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
      4. Conclusions and recommendations for changes.
   B. IC/EC Certification
      1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).

V. Monitoring Plan Compliance Report (if applicable)
   A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
   B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
   C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
   D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.
   E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.

VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
   A. Components of O&M Plan - Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
   B. Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.
   C. Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluated

the ability of each component of the remedy subject to O&M requirements to perform as designed/expected.

D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.

E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations

A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
   1. whether all requirements of each plan were met during the reporting period
   2. any requirements not met
   3. proposed plans and a schedule for coming into full compliance.

B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.

C. Future PRR Submittals
   1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
   2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.

MarksEngineering

Attachment A –

Annual Groundwater and Surface Water Sampling Report

October 2024 Sample Event

December 2024

Annual Groundwater and Surface Water 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

MarksEngineering

LIST OF EXHIBITS

1.0 INTRODUCTION

Marks Engineering, P.C. (Marks Engineering) conducted an on-site and off-site annual groundwater and surface water sample event in October 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 Groundwater Sample Location Map is presented as **Figure 1**.

The Site is a New York State Department of Environmental Conservation (NYSDEC) Class 4 Inactive Hazardous Waste Disposal Site (Site No. 8-35-013). The scope of work presented herein is consistent with the NYSDEC-approved Site Management Plan (SMP), dated March 2019, and the NYSDEC Record of Decision (ROD), for the Site.

The October 2024 annual groundwater and surface water sample event, the findings of which are discussed in this Report, is part of the SMP and ROD's long-term plume management monitoring (PMM) program to evaluate plume stability and the natural reduction of the chlorinated volatile organic compound (CVOC) contamination over time. This annual sample event included 11 groundwater monitoring wells (MW-4, MW-10, MW-13, MW-14, MW-15, MW-16, MW-17s, MW-23, MW-24s, MW-26 and SS&G MW-3) and one surface water location (SC-1) as described in the SMP and the NYSDEC *Groundwater and Surface Water Sampling Report Approval and Future Sampling Requirements* letter (NYSDEC, 2021).

This Report provides a summary of the groundwater and surface water 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 during the sample event.
- **Results** (Section 4) – presents the field observations, findings and analytical results for laboratory samples collected during the sample event.
- **Evaluation of Results 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 its History is provided in the SMP. A concise history of the Site is summarized as follows:

The Site is comprised of a 173-acre parcel, currently operated by Syracusa Sand and Gravel Inc. (SS&G) as an active sand and gravel mine. 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 until 1973 when the corporate name was changed to Syracusa Sand and Gravel Inc. From 1966 to 1971, a portion of the property 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 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 for the Site. The SMP, generated as a requirement of the ROD, 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) a SMP which will require long-term PMM, maintenance of the Sub Slab Depressurization Systems (SSDSs) in several residences, long-term monitoring of soil vapor intrusion in residences requiring monitoring and periodic review reporting to the NYSDEC; and (c) a contingency for the implementation of a zero valent iron treatment injection to reduce contaminant mass in the area of highest groundwater CVOC concentrations if the results of the PMM program 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 October 2024 annual groundwater and surface water sample event. The primary components of the scope of work were as follows:

- Completion of an annual groundwater sample event using passive diffusion sampling bags (PDBs) installed at 11 existing groundwater monitoring wells (MW-4, MW-10, MW-13, MW-14, MW-15, MW-16, MW-17s, MW-23, MW-24s, MW-26 and SS&G MW-3).
- Collection of 11 groundwater samples for laboratory analysis for Target Compound List (TCL) VOCs, including CVOCs, in accordance with USEPA Method 8260.
- Completion of an annual surface water sample event from one surface water location (SC-1) associated with Modock Road Springs for laboratory analysis for TCL VOCs, including CVOCs, in accordance with USEPA Method 8260.
- Collection of Quality Assurance/ Quality Control (QA/QC) samples including a trip blank, equipment blank, blind field duplicates and Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples.
- 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 Groundwater Monitoring Wells and Surface Water

3.1.1 Purpose and Objectives

The October 2024 groundwater and surface water sample event, the findings of which are discussed in this Report, is part of the ROD's 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 Methodology and Procedures

A total of 11 PDBs were installed in 11 existing monitoring wells (MW-4, MW-10, MW-13, MW-14, MW-15, MW-16, MW-17s, MW-23, MW-24s, MW-26 and SS&G MW-3) at the Site on September 20, 2024, see **Table 1**. The locations of the monitoring wells are depicted on **Figure 1**. The conditions of the monitoring wells, as well as the actions undertaken to remedy any noted deficiencies, is also included on **Table 1**.

Prior to the installation of each PDB, the depth to water and depth to bottom of each well was gauged using a decontaminated water level probe. The field measurements were used to calculate the standing water column in each well. New nitrile gloves were donned by field personnel prior to the handling and installation of each PDB. PDBs were installed at the center of the standing water column or the midpoint of the well screen (whichever was less) using new nylon twine and a decontaminated stainless-steel bottom weight. The weight was suspended from the bottom of the PDB with an appropriate length of string, the PDB and weight were slowly lowered to the bottom of the well (*i.e.,* the weight was felt to hit bottom and the suspension string affixed to the top of the PDB slacked) and the suspension string was secured at the surface at the top of the well casing. Field measurements were recorded on a field log included as **Appendix A**.

A surface water sample was collected on October 4, 2024 from one surface location (SC-1) associated with Modock Road Springs, depicted on **Figure 2**. The surface water sample was collected directly from the surface water using a decontaminated HDPE dipper. It is noted that the sample location (SC-1) was collected from the outlet of the culvert on the *east* side of the access road/foot path, to be consistent with past sampling practices. Field measurements collected during surface water sampling were recorded on a field log included as **Appendix B**.

The water level probe and the non-disposable sampling equipment (e.g., the HDPE dipper) were decontaminated using an Alconox®/potable water wash and a separate potable water rinse. Decontamination water associated with sampling activities was discharged to the ground surface within the mine upon completion of work.

3.1.3 Collection and Analysis of Laboratory Samples

The PDBs were retrieved from the groundwater monitoring wells two weeks later on October 4, 2024. One groundwater sample was collected for laboratory analysis from each of the 11 monitoring wells (MW-4, MW-10, MW-13, MW-14, MW-15, MW-16, MW-17s, MW-23, MW-24s, MW-26 and SS&G MW-3). Samples were collected by retrieving each PDB from the

respective well and placing the PDB on a new sheet of polyethylene sheeting. A corner of the PDB was cut with a pair of decontaminated scissors and the contents of the PDB were collected in appropriate laboratory-supplied sample containers. Samples were placed in a plastic cooler pre-chilled with ice and submitted under appropriate chain of custody protocols to ALS Environmental (ALS) located in Rochester, New York, for laboratory analysis for TCL VOCs, including CVOCs, in accordance with USEPA Method 8260.

The surface water sample (SC-1) was collected using a decontaminated HDPE dipper and transferred to laboratory supplied glassware. The sample was placed in a plastic cooler pre-chilled with ice and submitted under appropriate chain of custody protocols to ALS for laboratory analysis for TCL VOCs, including CVOCS, in accordance with USEPA Method 8260.

QA/QC samples for the groundwater and surface water samples including a trip blank, equipment blank, blind field duplicates and MS/MSD samples were analyzed for TCL VOCs in accordance with USEPA Method 8260. The locations where QA/QC samples were collected are specified on the field forms included as **Appendix A** and **Appendix B**.

A copy of the chain of custody form is included as **Appendix C**.

3.1.4 Reporting of Results and Data Validation

The laboratory report was provided in both a results only and full Category B format, 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 electronically to the NYSDEC on December 2, 2024, see **Exhibit D**.

3.2 Handling of Sampling-Related Waste

The groundwater and surface water sampling activities implemented at the Site produced sampling-related waste media including the following:

- Decontamination wash water resulting from decontamination of equipment and sampling tools
- General refuse (i.e., paper towels, used twine, used personal protective equipment [PPE], etc.).

The sampling-related waste was disposed of as follows:

- Used decontamination water was discharged to the ground surface within the mine adjacent to MW-26 at the completion of work
- Used PPE and other general refuse was placed in trash bags and disposed of as municipal trash at a sanitary landfill.

4.0 RESULTS

The groundwater and surface water sample analytical results were compared to the following NYSDEC standards, criteria and/or guidance values (SCGVs):

- Class GA groundwater standards and guidance values referenced in Table 1 of the NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 document titled Ambient Water Quality Standard and Guidance Values and Groundwater Effluent Limitations (TOGS 1.1.1) dated June 1998 (as amended January 1999, April 2000 and June 2004).
- Class C surface water standards and guidance values referenced in Table 1 of the NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 document titled Ambient Water Quality Standard and Guidance Values and Groundwater Effluent Limitations (TOGS 1.1.1) dated June 1998 (as amended January 1999, April 2000 and June 2004).

4.1 Groundwater Sampling Results

As presented in **Table 2**, detectable concentrations of VOCs were found in groundwater samples collected at all 11 of the 11 monitoring wells sampled. Exceedances of NYSDEC groundwater SCGVs for VOCs were present at 9 of the 11 monitoring wells sampled. The exceedances of groundwater SCGVs included only two CVOCs (TCE and/or TCA) which were previously identified as contaminants of concern at the Site in the ROD.

4.2 Surface Water Sampling Results

As presented in **Table 3**, detectable concentrations of VOCs were found in the surface water sample collected at SC-01; however, no exceedances of NYSDEC Class C surface water SCGVs for VOCs, including CVOCs, were present.

4.3 Groundwater Mapping

A groundwater contour map is presented as **Figure 3**. The map depicts groundwater flow to the north/northwest which is consistent with prior mapped groundwater flow at the Site (NYSDEC, 2010). A figure depicting the total concentrations for three CVOCs (TCE, TCA and 1,1-DCE) is provided as **Figure 4**. As described in Section 5 below the overall data trend shows that the concentrations of the CVOCs in the plume are continuing to decline (See **Table 4**).

5.0 EVALUATION OF RESULTS, FINDINGS AND CONCLUSIONS

The October 2024 annual groundwater and surface water sample event, the findings of which are discussed in this Report, is part of the ROD and SMP's long-term PMM program. The objective of the PMM program is to evaluate plume stability and the natural reduction of the Site's CVOC contamination over time.

As presented in **Table 2** and **Table 3**, the laboratory results for VOC analysis of the groundwater samples collected at 11 monitoring wells and one surface water location indicate detections of two CVOCs (TCE and/or TCA) at 9 monitoring wells above the respective NYSDEC Class GA groundwater SCGVs; the surface water sample (SC-1) continues not to have CVOCs detected at concentrations above the respective NYSDEC Class C surface water SCGVs.

The objective of the PMM program is to evaluate plume stability and the natural reduction of CVOCs over time; therefore, a comparison of the October 2024 analytical data to the analytical data from historic groundwater and surface water sampling events, dating back as far as 1990, is presented on **Table 4**. As illustrated on **Table 4,** the long term CVOC data trend for all 11 of the monitoring wells sampled and the one surface water location sampled is down (*i.e.,* decreasing concentrations of CVOC contaminants) or CVOCs were not detected.

The overall data trend, for samples dating back as far as 1990, shows that the concentrations of the CVOCs in the plume are continuing to decline; indicating that natural attenuation of contaminants continues to occur, and satisfying the objectives of the remedy (long term PMM and monitored natural attenuation) selected for the Site in the ROD.

Given that SS&G has collected five years of annual groundwater data after approval of the SMP, (starting with four quarterly frequency sample events in 2020) with an overall decreasing trend in CVOC concentrations in the plume and no evident short-term (year to year) trends, it is requested that the soil vapor sampling frequency will be reduced to once every 18 months from its current annual frequency. Therefore, the next 18-month frequency sampling event would be planned for March of 2026. Consistent with recent historic sample events, groundwater sampling will continue to be conducted at the same subset of eleven monitoring wells (MW-4, MW-10, MW-13, MW-14, MW-15, MW-16, MW-17s, MW-23, MW-24s, MW-26 and SS&G MW-3) and will be scheduled at the same time as the soil vapor point sampling event.

6.0 REFERENCES

Bristol Consulting and Marks Engineering, P.C., 2019, *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

NYSDEC, 1998, *Ambient Water Quality Standard and Guidance Values and Groundwater Effluent Limitations* - TOGS 1.1.1 (as amended January 1999, April 2000 and June 2004), Albany, New York

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 2021, *Modock Springs/Syracusa Sand and Gravel, Inc., Site No. 835013 Groundwater and Surface Water Sampling Report Approval and Future Sampling Requirements*, December 21, 2020

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

MarksEngineering

Figures

N

DEER XING
RABBIT EAR PASS
RACCOON RUN
OAK RIDGE DR
WARTERS CV
STATE ROUTE 251
MODOCK RD
GP-6
GP-3
GP-2
GP-4
SPRING PZ-2
SPRING PZ-3
SPRING PZ-1
MW-5
TEST WELL
MW-4
MW-27
PILGRIM PASS
OAKWOOD DR
NATURES WAY
CORK RD
ZEPHYR HTS
SUMMERHILL LN
CARRINGTON WAY
RAWSON RD
MW-2
MW-7
MW-6
PINE TREE DR
MW-23
MW-10
SURREY LN
RED FOX RUN
TROTWOOD LN
HUNTERS RUN
MW-24S
MW-24D
MW-21
DRYER RD
MW-22
HEATHER LN
MW-12
MW-20
MW-9
MW-8
MW-11
MW-15
MW-13
MW-14
MW-17S
MW-17D
MW-16
SS&G MW-9
SS&G MW-16
SS&G MW-15
MW-19
MW-18
SS&G MW-3
MW-26
MALONE RD
SS&G MW-2
MW-25
SS&G MW-8
SS&G MW-6
SS&G MW-4
DLS SAND AND GRAVEL
SS&G MW-5
SS&G MW-7
SS&G MW-10
SS&G MW-11

Legend

- 1-Inch Monitoring Well [4]
- Monitoring Well [40]
- Spring Piezometer [3]
- Sampled Monitoring Well [11]
- Site Boundary

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

0 700 ft

DECEMBER 2024 GROUNDWATER AND SURFACE WATER SAMPLE 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 & GROUNDWATER
SAMPLE LOCATION MAP
(OCTOBER 2024 SAMPLE EVENT)

MarksEngineering

N

ST-3

ST-2

ST-1

SC-1 (WATER SURFACE)

SPRINGHOUSE (INVERT)

RABBIT EAR PASS

RACCOON RUN

OAK RIDGE DR

MODOCK RD

OAKWOOD DR

IRONDEQUOIT CREEK TRIBUTARY

Legend

- Surface Water (Sampled) [1]
- Surface Water (Not Sampled) [4]
- NYSDEC Class C Stream
- National Hydrography Dataset

Stream Source:
NYSDEC Water Quality Classifications -
https://gis.ny.gov/
5/2019

USGS National Hydrography Dataset (NHD)
2/16/2018

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

0 200 ft

DECEMBER 2024 GROUNDWATER AND SURFACE WATER SAMPLE REPORT
MODOCK RD. SPRINGS/DLS SAND & GRAVEL INC. SITE
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK
NYSDEC SITE NO. 8-35-013

FIGURE 2

SURFACE WATER SAMPLE LOCATION MAP
(OCTOBER 2024 SAMPLE EVENT)

MarksEngineering

N

DEER XING
RABBIT EAR PASS
RACCOON RUN
OAK RIDGE DR
STATE ROUTE 251
WARTERS CV
GP-6
GP-3
GP-2
GP-4
MODOCK RD
PILGRIM PASS
OAKWOOD DR
CORK RD
MW-5
TEST WELL
MW-4, 635.67
MW-27
ZEPHYR HTS
SUMMERHILL LN
640
CARRINGTON WAY
RAWSON RD
MW-2
MW-7
MW-6
PINE TREE DR
HUNTERS RUN
650
SURREY LN
MW-10, 651.07
MW-23, 652.92
RED FOX RUN
TROTWOOD LN
MW-24S, 656.11
MW-24D
MW-21
660
MW-22
DRYER RD
HEATHER LN
670
MW-12
MW-20
MW-14, 705.19
MW-13, 715.45
MW-17S, 701.54
680
MW-9
MW-8
MW-11
MW-17D
MW-16, 689.24
690
MW-15, 725.8
SS&G MW-16
SS&G MW-15
MW-19
MW-18
700
SS&G MW-9
710
SS&G MW-3, 734.7
720
MW-26, 732.3
730
MALONE RD
SS&G MW-2
740
MW-25
SS&G MW-8
SS&G MW-6
SS&G MW-4
DLS SAND AND GRAVEL
SS&G MW-5
SS&G MW-7
SS&G MW-10
SS&G MW-11

Legend

- Monitoring Well [11]
- 1-Inch Monitoring Well (Not Measured) [4]
- Monitoring Well (Not Measured) [29]
- Appx Path of Overburden Groundwater Flow
- Site Boundary
- Groundwater Elevation and Potentiometric Contour
- Streets

Aerial Imagery Source:
NYS GIS Clearinghouse - https://gis.ny.gov/
2018 NYSDOP .5 Foot Resolution

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

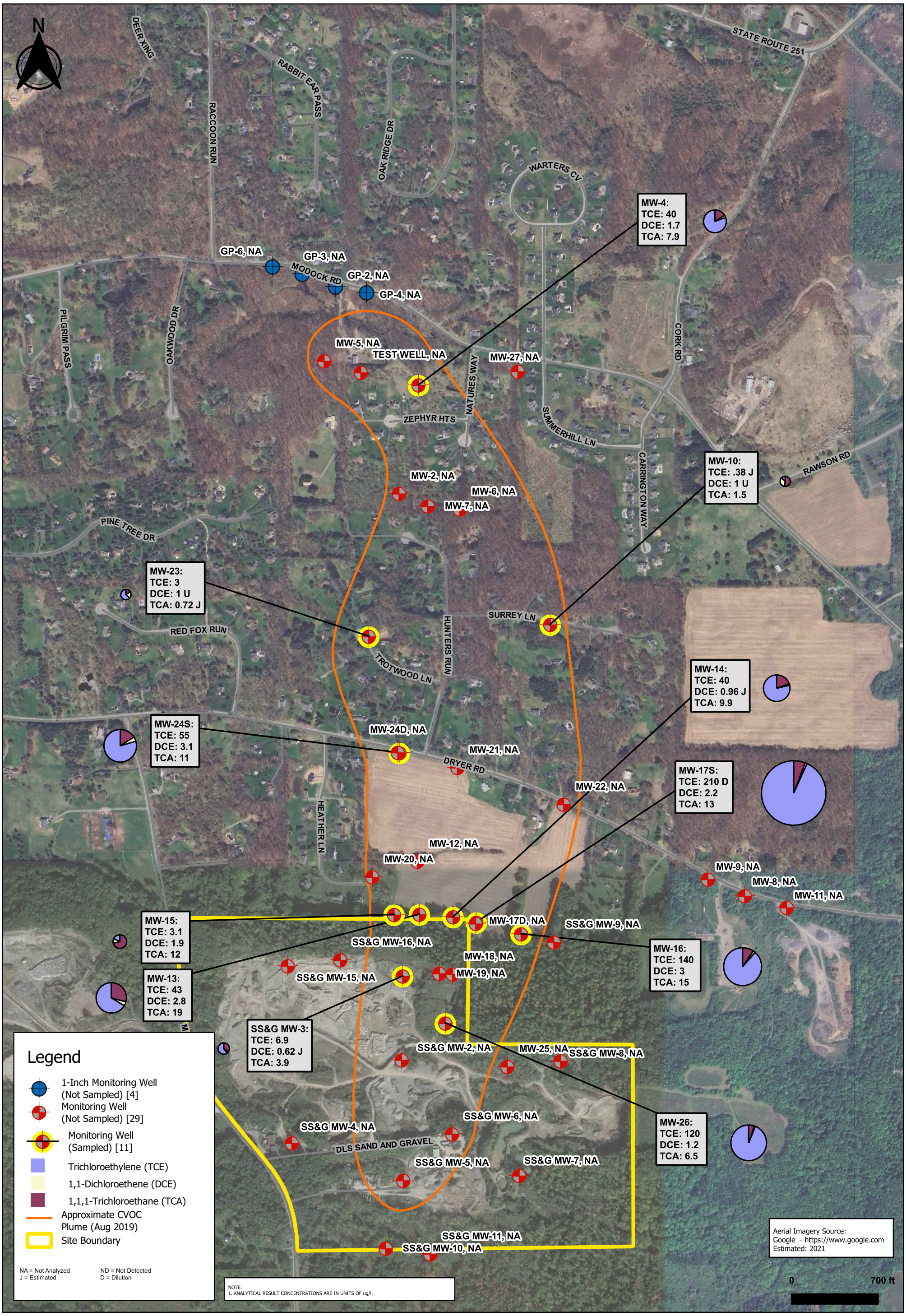
0 700 ft

DECEMBER 2024 GROUNDWATER AND SURFACE WATER SAMPLE REPORT
MODOCK RD. SPRINGS/DLS SAND & GRAVEL INC. SITE
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK
NYSDEC SITE NO. 8-35-013

FIGURE 3

GROUNDWATER CONTOUR MAP
(OCTOBER 2024 SAMPLE EVENT)

MarksEngineering



DECEMBER 2024 GROUNDWATER AND SURFACE WATER SAMPLE REPORT
MODOCK RD. SPRINGS/DLS SAND & GRAVEL INC. SITE
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK
NYSDEC SITE NO. 8-35-013

FIGURE 4

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

MarksEngineering

MarksEngineering

Tables

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

Well ID	Well sampled for TCL VOCs	Well sampled for "Other Parameters" (SVOCs, Metals, PCBs and Pesticides)	Well Condition
MW-4	Y	N	Good
MW-10	Y	N	Good
MW-13	Y	N	Protective standpipe (4" steel pipe) missing lid OK (Replaced missing lid with plastic 4" cap 8/5/20)
MW-14	Y	N	Good
MW-15	Y	N	Good
MW-16	Y	N	Good
MW-17S	Y	N	Protective standpipe (box type) bent over (has been struck). Unable to develop well, could not get 2" submersible past kink in PVC well casing. Stood standpipe back up vertical. Able to sample with PDB ok (October 2020).
MW-23	Y	N	PVC riser is damaged, preventing J plug from sealing properly, surface grade well not water tight. Cut and removed 3/4" from PVC riser to repair and allow J plug to seal properly at top of well (10/19/22). The revised top of casing (TOC) elevation is reflected on the PDB sampling form.
MW-24S	Y	N	Good
MW-26	Y	N	Good
SS&G MW-3	Y	N	Protective standpipe (4" steel pipe) missing cover. PVC riser fractured at top. OK placed 2" PVC slip cap over PVC riser and 5-gallon pail over standpipe 8/5/20)

Table 2
OCTOBER 2024 GROUNDWATER VOCs ANALYTICAL DATA (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	NYS Class GA Standards	Unit	MW-2 8/21/2019	MW-4 8/21/2019	MW-4 8/5/2020	MW-4 10/22/2020	MW-4 2/3/2021	MW-4 4/21/2021	MW-4 10/19/22	MW-4 10/16/2023	MW-4 10/4/2024	MW-5 8/21/2019	MW-6 8/21/2019	MW-7 8/21/2019	MW-8 8/21/2019	MW-9 8/21/2019
71-55-6	1,1,1-Trichloroethane (TCA)	5	ug/L	**2.1**	**8.4**	**8.5**	**9.5**	**8.3**	**7.9**	**9**	**6.9**	**7.9**	**0.73 J**	**6.8**	**10**	0.21 U	0.21 U
79-34-5	1,1,2,2-Tetrachloroethane	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
79-00-5	1,1,2-Trichloroethane	1	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
26523-64-8	Trichlorotrifluoroethane (Freon-113)	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
75-34-3	1,1-Dichloroethane	5	ug/L	0.2 U	**0.37 J**	**0.31 J**	**0.49**	**0.35 J**	**0.33 J**	**0.62 J**	**0.52 J**	**0.66 J**	0.2 U	0.2 U	**0.82 J**	0.2 U	0.2 U
75-35-4	1,1-Dichloroethene (1,1-DCE)	5	ug/L	**0.61 J**	**2.1**	**1.7**	**2.2**	**1.8**	**1.8**	**2.1**	**1.6**	**1.7**	**0.28 JN**	**1.1**	**2.7**	0.25 U	0.25 U
87-61-6	1,2,3-Trichlorobenzene	5	ug/L	0.2 U	0.2 U	0.25 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	0.25 U	0.25 U	0.34 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
96-12-8	1,2-Dibromo-3-Chloropropane	0.04	ug/L	0.45 U	0.45 U	0.45 U	2.0 U	2 U	2 U	2.0 U	2 UJ	2 UJ	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	NL	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
95-50-1	1,2-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
107-06-2	1,2-Dichloroethane	0.6	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
78-87-5	1,2-Dichloropropane	1	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
541-73-1	1,3-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
123-91-1	1,4-Dioxane (P-Dioxane)	NL	ug/L	13 U	13 U	13 U	40 U	40 U	40 U	40 U	40 U	40 U	13 U	13 U	13 U	13 U	13 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	50*	ug/L	0.78 U	0.78 U	0.78 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
591-78-6	2-Hexanone	50*	ug/L	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NL	ug/L	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
67-64-1	Acetone	50*	ug/L	**15 J**	**13**	5 UJ	5.0 U	5 U	5 U	5.0 UJ	5 U	5 UJ	**13**	**14**	**12 J**	**15**	**11**
71-43-2	Benzene	1	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
74-97-5	Bromochloromethane	5	ug/L	0.24 U	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
75-27-4	Bromodichloromethane	50*	ug/L	0.22 U	**0.33 J**	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
75-25-2	Bromoform	50*	ug/L	0.25 UJ	0.25 U	0.25 U	1.0 U	1 U	1 U	1.0 U	1 UJ	1 U	0.25 U	0.25 U	0.25 UJ	0.25 UJ	0.25 UJ
74-83-9	Bromomethane	5	ug/L	0.7 U	0.7 U	0.7 U	1.0 U	1 UJ	1 U	1.0 U	1 U	1 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
75-15-0	Carbon Disulfide	60*	ug/L	0.25 U	0.25 U	0.42 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
56-23-5	Carbon Tetrachloride	5	ug/L	0.34 U	0.34 U	0.34 U	1.0 U	1 UJ	1 U	1.0 U	1 U	1 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
108-90-7	Chlorobenzene	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
75-00-3	Chloroethane	5	ug/L	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
67-66-3	Chloroform	7	ug/L	0.24 U	**0.51 J**	0.24 U	**0.29**	**0.29 J**	1 U	1.0 U	1 U	1 U	0.24 U	**0.61 J**	0.24 U	0.24 U	0.24 U
74-87-3	Chloromethane	NL	ug/L	0.28 U	**0.28 J**	0.28 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	**0.31 J**	0.28 U	1 U	1 U	1 U
110-82-7	Cyclohexane	NL	ug/L	0.26 U	0.26 U	0.26 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
124-48-1	Dibromochloromethane	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
75-71-8	Dichlorodifluoromethane	5	ug/L	0.21 U	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ	1 U	1 UJ	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
75-09-2	Methylene Chloride	5	ug/L	0.36 U	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
100-41-4	Ethylbenzene	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
98-82-8	Isopropylbenzene (Cumene)	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
79-20-9	Methyl Acetate	NL	ug/L	0.33 U	0.33 U	0.33 U	2.0 U	2 U	2 U	2.0 U	2 U	2 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1634-04-4	Tert-Butyl Methyl Ether	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
108-87-2	Methylcyclohexane	NL	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
100-42-5	Styrene	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
127-18-4	Tetrachloroethylene (PCE)	5	ug/L	0.21 U	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
108-88-3	Toluene	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
79-01-6	Trichloroethylene (TCE)	5	ug/L	**4.9**	**48**	**45**	**53**	**44**	**42**	**39**	**40**	**40**	**1.8**	**26**	**48**	0.2 U	0.2 U
75-69-4	Trichlorofluoromethane	5	ug/L	0.24 U	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 U	1 U	1 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
75-01-4	Vinyl Chloride	2	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
156-59-2	Cis-1,2-Dichloroethylene	5	ug/L	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
10061-01-5	Cis-1,3-Dichloropropene	0.4	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
XYLMP	M,P-Xylene (Sum Of Isomers)	5	ug/L	0.2 U	0.2 U	0.2 U	2.0 U	2 U	2 U	2.0 U	2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
95-47-6	O-Xylene (1,2-Dimethylbenzene)	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
156-60-5	Trans-1,2-Dichloroethene	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
10061-02-6	Trans-1,3-Dichloropropene	0.4	ug/L	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U

NOTES:

* = Guidance Value

Bolded results detected above the Reporting Limit.

Highlighted results exceed NYS standard

U = Not detected. Reporting limit shown.

NL = Not Listed D = Dilution

J = Estimated JN = The analyte is "presumtively present". The associated result is an approximate concentration.

Table 2
OCTOBER 2024 GROUNDWATER VOCs ANALYTICAL DATA (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	NYS Class GA Standards	Unit	MW-10 8/21/2019	MW-10 8/5/2020	MW-10 10/22/2020	MW-10 2/3/2021	MW-10 4/21/2021	MW-10 10/19/22	MW-10 10/16/2023	MW-10 10/4/2024	MW-11 8/21/2019	MW-12 8/21/2019	MW-13 8/21/2019	MW-13 8/5/2020	MW-13 10/22/2020	MW-13 2/3/2021	MW-13 4/21/2021	MW-13 10/19/22	MW-13 10/16/2023	MW-13 10/4/2024
71-55-6	1,1,1-Trichloroethane (TCA)	5	ug/L	**1.9**	**2.8**	**3.6**	**2.6**	**2.6**	**1.5**	**1.6**	**1.5**	0.21 U	**3.8**	**30**	**34**	**45**	**41**	**36**	**33**	**21**	**19**
79-34-5	1,1,2,2-Tetrachloroethane	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	1	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
26523-64-8	Trichlorotrifluoroethane (Freon-113)	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-34-3	1,1-Dichloroethane	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-35-4	1,1-Dichloroethene (1,1-DCE)	5	ug/L	0.25 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.25 U	**0.52 J**	**4.6**	**6.3**	**7.3**	**7.4**	**7.2**	**4.6**	**3.4**	**2.8**
87-61-6	1,2,3-Trichlorobenzene	5	ug/L	0.2 U	0.25 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.25 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	0.25 U	0.34 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.25 U	0.25 U	0.25 U	0.34 UJ	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
96-12-8	1,2-Dibromo-3-Chloropropane	0.04	ug/L	0.45 U	0.45 U	2.0 U	2 U	2 U	2.0 U	2 UJ	2 U	0.45 U	0.45 U	0.45 U	0.45 U	2.0 U	2 U	2 U	2.0 U	2 UJ	2 UJ
106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	NL	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
107-06-2	1,2-Dichloroethane	0.6	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
78-87-5	1,2-Dichloropropane	1	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 UJ	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
123-91-1	1,4-Dioxane (P-Dioxane)	NL	ug/L	13 U	13 U	40 U	40 U	40 U	40 U	40 U	40 U	13 U	13 U	13 U	13 U	40 U	40 U	40 U	40 U	*40 U*	40 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	50*	ug/L	0.78 U	0.78 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U	0.78 U	0.78 U	0.78 U	0.78 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U
591-78-6	2-Hexanone	50*	ug/L	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U
108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NL	ug/L	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	*5 U*	5 U
67-64-1	Acetone	50*	ug/L	**13**	5 UJ	5.0 U	5 U	5 U	5.0 UJ	5 U	5 UJ	1 U	**20**	**16**	5 U	5.0 U	5 U	5 U	5.0 UJ	5 U	5 UJ
71-43-2	Benzene	1	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
74-97-5	Bromochloromethane	5	ug/L	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.24 U	0.24 U	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-27-4	Bromodichloromethane	50*	ug/L	0.22 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.22 U	0.22 U	0.22 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-25-2	Bromoform	50*	ug/L	0.25 U	0.25 U	1.0 U	1 U	1 U	1.0 U	1 UJ	1 U	0.25 UJ	0.25 UJ	0.25 UJ	0.25 U	1.0 U	1 U	1 U	1.0 U	1 UJ	1 U
74-83-9	Bromomethane	5	ug/L	0.7 U	0.7 U	1.0 U	1 UJ	1 U	1.0 U	1 U	1 UJ	0.7 UJ	0.7 U	0.7 U	0.7 UJ	1.0 U	1 UJ	1 U	1.0 U	1 U	1 U
75-15-0	Carbon Disulfide	60*	ug/L	0.25 U	0.42 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.25 U	0.25 U	0.25 U	0.42 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
56-23-5	Carbon Tetrachloride	5	ug/L	0.34 U	0.34 U	1.0 U	1 UJ	1 U	1.0 U	1 U	1 U	0.34 U	0.34 U	0.34 U	0.34 U	1.0 U	1 UJ	1 U	1.0 U	1 U	1 U
108-90-7	Chlorobenzene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-00-3	Chloroethane	5	ug/L	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
67-66-3	Chloroform	7	ug/L	0.24 U	0.24 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.24 U	0.24 U	0.24 U	0.24 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
74-87-3	Chloromethane	NL	ug/L	0.28 U	0.28 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	1 U	0.28 U	0.28 U	0.28 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
110-82-7	Cyclohexane	NL	ug/L	0.26 U	0.26 U	1.0 U	1 UJ	1 U	1.0 U	1 U	1 U	0.26 U	0.26 U	0.26 U	0.26 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
124-48-1	Dibromochloromethane	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-71-8	Dichlorodifluoromethane	5	ug/L	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ	1 U	1 U	0.21 U	0.21 U	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ	1 U	1 UJ
75-09-2	Methylene Chloride	5	ug/L	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.36 U	0.36 U	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
100-41-4	Ethylbenzene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
98-82-8	Isopropylbenzene (Cumene)	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
79-20-9	Methyl Acetate	NL	ug/L	0.33 U	0.33 U	2.0 U	2 U	2 U	2.0 U	2 U	2 U	0.33 U	0.33 U	0.33 U	0.33 U	2.0 U	2 U	2 U	2.0 U	2 U	2 U
1634-04-4	Tert-Butyl Methyl Ether	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
108-87-2	Methylcyclohexane	NL	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
100-42-5	Styrene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
127-18-4	Tetrachloroethylene (PCE)	5	ug/L	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.21 U	0.21 U	**0.41 J**	**0.25 J**	**0.28**	**0.28 J**	**0.35 J**	**0.28 J**	**0.33 J**	**0.42 J**
108-88-3	Toluene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
79-01-6	Trichloroethylene (TCE)	5	ug/L	**0.44 J**	**0.48 J**	**0.53**	**0.28 J**	**0.46 J**	**0.37 J**	**0.33 J**	**0.38 J**	0.2 U	0.2 U	**53**	**46**	**52**	**46**	**44**	**40**	**42**	**43**
75-69-4	Trichlorofluoromethane	5	ug/L	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 U	1 U	1 U	0.24 U	0.24 U	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 U	1 U	1 U
75-01-4	Vinyl Chloride	2	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
156-59-2	Cis-1,2-Dichloroethylene	5	ug/L	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
10061-01-5	Cis-1,3-Dichloropropene	0.4	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
XYLMP	M,P-Xylene (Sum Of Isomers)	5	ug/L	0.2 U	0.2 U	2.0 U	2 U	2 U	2.0 U	2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	2.0 U	2 U	2 U	2.0 U	2 U	2 U
95-47-6	O-Xylene (1,2-Dimethylbenzene)	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
156-60-5	Trans-1,2-Dichloroethene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
10061-02-6	Trans-1,3-Dichloropropene	0.4	ug/L	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U

NOTES:
* = Guidance Value
Bolded results detected above the Reporting Limit.
Highlighted results exceed NYS standard
U = Not detected. Reporting limit shown.
NL = Not Listed D = Dilution
J = Estimated JN = The analyte is "presumtively present". The associated result is an approximate concentration.

Table 2
OCTOBER 2024 GROUNDWATER VOCs ANALYTICAL DATA (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	NYS Class GA Standards	Unit	MW-14 8/21/2019	MW-14 8/5/2020	MW-14 10/22/2020	MW-14 2/3/2021	MW-14 4/21/2021	MW-14 10/19/22	MW-14 10/16/2023	MW-14 10/4/2024	MW-15 8/21/2019	MW-15 8/5/2020	MW-15 10/22/2020	MW-15 2/3/2021	MW-15 4/21/2021	MW-15 10/19/22	MW-15 10/16/2023	MW-15 10/4/2024
71-55-6	1,1,1-Trichloroethane (TCA)	5	ug/L	**14**	**14**	**14**	**10**	**12**	**10**	**9.2**	**9.9**	**18**	**18**	**25**	**22**	**26**	**12**	**12**	**12**
79-34-5	1,1,2,2-Tetrachloroethane	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	1	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
26523-64-8	Trichlorotrifluoroethane (Freon-113)	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-34-3	1,1-Dichloroethane	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-35-4	1,1-Dichloroethene (1,1-DCE)	5	ug/L	**2**	**2.2**	**1.8**	**1.5**	**1.9**	**1**	**0.97 J**	**0.96 J**	**3.2**	**3.3**	**4.9**	**4**	**5.5 J**	**1.9**	**2.1**	**1.9**
87-61-6	1,2,3-Trichlorobenzene	5	ug/L	0.2 U	0.25 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.25 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	0.25 U	0.34 UJ	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.25 U	0.34 UJ	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
96-12-8	1,2-Dibromo-3-Chloropropane	0.04	ug/L	0.45 U	0.45 U	2.0 U	2 U	2 U	2.0 U	2 UJ	2 UJ	0.45 U	0.45 U	2.0 U	2 U	2 U	2.0 U	2 UJ	2 UJ
106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	NL	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
107-06-2	1,2-Dichloroethane	0.6	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
78-87-5	1,2-Dichloropropane	1	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
123-91-1	1,4-Dioxane (P-Dioxane)	NL	ug/L	13 U	13 U	40 U	40 U	40 U	40 U	*40 U*	40 U	13 U	13 U	40 U	40 U	40 U	40 U	*40 U*	40 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	50*	ug/L	0.78 U	0.78 U	5.0 U	5 U	5 U	5.0 UJ	5 U	5 U	0.78 U	0.78 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U
591-78-6	2-Hexanone	50*	ug/L	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U
108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NL	ug/L	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	*5 U*	5 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	*5 U*	5 U
67-64-1	Acetone	50*	ug/L	**12**	5 U	5.0 U	5 U	5 U	5.0 UJ	5 U	5 UJ	**16**	5 U	5.0 U	5 U	5 U	5.0 UJ	5 U	5 UJ
71-43-2	Benzene	1	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
74-97-5	Bromochloromethane	5	ug/L	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-27-4	Bromodichloromethane	50*	ug/L	0.22 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.22 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-25-2	Bromoform	50*	ug/L	0.25 UJ	0.25 U	1.0 U	1 U	1 U	1.0 U	1 UJ	1 U	0.25 UJ	0.25 U	1.0 U	1 U	1 U	1.0 U	1 UJ	1 U
74-83-9	Bromomethane	5	ug/L	0.7 U	0.7 UJ	1.0 U	1 UJ	1 U	1.0 U	1 U	1 U	0.7 U	0.7 UJ	1.0 UJ	1 UJ	1 U	1.0 U	1 U	1 U
75-15-0	Carbon Disulfide	60*	ug/L	0.25 U	0.42 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.25 U	0.42 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
56-23-5	Carbon Tetrachloride	5	ug/L	0.34 U	0.34 U	1.0 U	1 UJ	1 U	1.0 U	1 U	1 U	0.34 U	0.34 U	1.0 UJ	1 UJ	1 U	1.0 U	1 U	1 U
108-90-7	Chlorobenzene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-00-3	Chloroethane	5	ug/L	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
67-66-3	Chloroform	7	ug/L	0.24 U	0.24 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.24 U	0.24 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
74-87-3	Chloromethane	NL	ug/L	0.28 U	0.28 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.28 U	0.28 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
110-82-7	Cyclohexane	NL	ug/L	0.26 U	0.26 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.26 U	0.26 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
124-48-1	Dibromochloromethane	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-71-8	Dichlorodifluoromethane	5	ug/L	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ	1 U	1 UJ	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ	1 U	1 UJ
75-09-2	Methylene Chloride	5	ug/L	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
100-41-4	Ethylbenzene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
98-82-8	Isopropylbenzene (Cumene)	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
79-20-9	Methyl Acetate	NL	ug/L	0.33 U	0.33 U	2.0 U	2 U	2 U	2.0 UJ	2 U	2 U	0.33 U	0.33 U	2.0 U	2 U	2 U	2.0 U	2 U	2 U
1634-04-4	Tert-Butyl Methyl Ether	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
108-87-2	Methylcyclohexane	NL	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
100-42-5	Styrene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
127-18-4	Tetrachloroethylene (PCE)	5	ug/L	**0.61 J**	**0.73 J**	**0.88**	**0.57 J**	**0.72 J**	**0.63 J**	**0.53 J**	**0.57 J**	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
108-88-3	Toluene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
79-01-6	Trichloroethylene (TCE)	5	ug/L	**59**	**56**	**61**	**46**	**47**	**45**	**40**	**40**	**1**	**1.1**	**1.2**	**1.1**	**1.8**	**1.6**	**2**	**3.1**
75-69-4	Trichlorofluoromethane	5	ug/L	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 U	1 U	1 U	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 U	1 U	1 U
75-01-4	Vinyl Chloride	2	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 UJ	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
156-59-2	Cis-1,2-Dichloroethylene	5	ug/L	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
10061-01-5	Cis-1,3-Dichloropropene	0.4	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
XYLMP	M,P-Xylene (Sum Of Isomers)	5	ug/L	0.2 U	0.2 U	2.0 U	2 U	2 U	2.0 U	2 U	2 U	0.2 U	0.2 U	2.0 U	2 U	2 U	2.0 U	2 U	2 U
95-47-6	O-Xylene (1,2-Dimethylbenzene)	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
156-60-5	Trans-1,2-Dichloroethene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
10061-02-6	Trans-1,3-Dichloropropene	0.4	ug/L	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U

NOTES:
* = Guidance Value
Bolded results detected above the Reporting Limit.
Highlighted results exceed NYS standard
U = Not detected. Reporting limit shown.
NL = Not Listed D = Dilution
J = Estimated JN = The analyte is "presumtively present". The associated result is an approximate concentration.

Table 2
OCTOBER 2024 GROUNDWATER VOCs ANALYTICAL DATA (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	NYS Class GA Standards	Unit	MW-16 8/21/2019	MW-16 8/5/2020	MW-16 10/22/2020	MW-16 2/3/2021	MW-16 4/21/2021	MW-16 10/19/22	MW-16 10/16/2023	MW-16 10/4/2024	MW-17D 8/21/2019	MW-17S 8/21/2019	MW-17S 8/5/2020	MW-17S 10/22/2020	MW-17S 2/3/2021	MW-17S 4/21/2021	MW-17S 10/19/22	MW-17S 10/16/2023	MW-17S 10/4/2024	MW-18 8/21/2019	MW-20 8/21/2019	MW-21 8/21/2019
71-55-6	1,1,1-Trichloroethane (TCA)	5	ug/L	**19**	**17**	**20**	**21**	**17**	**14**	**14**	**15**	0.21 U	**22**	**20**	**22**	**21 D**	**20**	**3.8**	**14**	**13**	**5.6**	**1.4**	**5.1**
79-34-5	1,1,2,2-Tetrachloroethane	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	0.2 U
79-00-5	1,1,2-Trichloroethane	1	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	**1.2 J**	**0.72 J**	**0.85**	5 U	**0.73 J**	**0.41 J**	**0.54 J**	2 U	0.2 U	0.2 U	0.2 U
26523-64-8	Trichlorotrifluoroethane (Freon-113)	5	ug/L	0.2 U	**0.71 J**	**0.81**	**0.82 J**	1 U	**0.56 J**	**0.68 J**	**0.77 J**	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	0.2 U
75-34-3	1,1-Dichloroethane	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	**0.3 J**
75-35-4	1,1-Dichloroethene (1,1-DCE)	5	ug/L	**3.5**	**4.1**	**4.3**	**4.9**	**4.1**	**2.5**	**2.9**	**3**	0.25 U	**5.3**	**3.5**	**4.7**	**3.7 DJ**	**4.2**	**0.56 J**	**2.4**	**2.2**	**1.2**	**0.31 J**	**1.6**
87-61-6	1,2,3-Trichlorobenzene	5	ug/L	0.2 U	0.25 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.5 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	0.2 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	0.25 U	0.34 UJ	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.25 U	0.5 U	0.68 UJ	2.5 U	5 U	2.5 U	1.0 U	*1 U*	2 U	0.25 U	0.25 U	0.25 U
96-12-8	1,2-Dibromo-3-Chloropropane	0.04	ug/L	0.45 U	0.45 U	2.0 U	2 U	2 U	2.0 U	2 UJ	2 UJ	0.45 U	0.9 U	0.9 U	5.0 U	10 U	5 U	2.0 U	2 UJ	4 UJ	0.45 U	0.45 U	0.45 U
106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	NL	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	0.2 U
95-50-1	1,2-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	0.2 U
107-06-2	1,2-Dichloroethane	0.6	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	0.2 U
78-87-5	1,2-Dichloropropane	1	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	0.2 U
541-73-1	1,3-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	*1 U*	2 U	0.2 U	0.2 U	0.2 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	0.2 U
123-91-1	1,4-Dioxane (P-Dioxane)	NL	ug/L	13 U	13 U	40 U	40 U	40 U	40 U	*40 U*	40 U	13 U	26 U	26 U	100 U	200 U	100 U	40 U	*40 U*	80 U	13 U	13 U	13 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	50*	ug/L	0.78 U	0.78 U	5.0 U	5 U	5 U	5.0 UJ	5 U	5 U	0.78 U	1.6 U	1.6 U	13 U	25 U	13 U	5.0 U	5 U	10 U	0.78 U	0.78 U	0.78 U
591-78-6	2-Hexanone	50*	ug/L	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U	0.2 U	0.4 U	0.4 U	13 U	25 U	13 U	5.0 U	5 U	10 U	0.2 U	0.2 U	0.2 U
108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NL	ug/L	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	*5 U*	5 U	0.2 U	0.4 U	0.4 U	13 U	25 U	13 U	5.0 U	*5 U*	10 U	0.2 U	0.2 U	0.2 U
67-64-1	Acetone	50*	ug/L	**14**	5 U	5.0 U	5 U	5 U	5.0 UJ	5 U	5 UJ	**15**	**19**	10 U	13 U	25 U	13 U	5.0 U	5 U	10 UJ	**13**	**15**	**14**
71-43-2	Benzene	1	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	0.2 U
74-97-5	Bromochloromethane	5	ug/L	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.24 U	0.48 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.24 U	0.24 U	0.24 U
75-27-4	Bromodichloromethane	50*	ug/L	0.22 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.22 U	0.44 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.22 U	0.22 U	0.22 U
75-25-2	Bromoform	50*	ug/L	0.25 UJ	0.25 U	1.0 U	1 U	1 U	1.0 U	1 UJ	1 U	0.25 UJ	0.5 UJ	0.5 U	2.5 U	5 U	2.5 U	1.0 U	1 UJ	2 U	0.25 UJ	0.25 UJ	0.25 U
74-83-9	Bromomethane	5	ug/L	0.7 U	0.7 UJ	1.0 U	1 UJ	1 U	1.0 U	1 U	1 U	0.7 U	1.4 U	1.4 UJ	2.5 U	5 UJ	2.5 U	1.0 U	1 U	2 U	0.7 U	0.7 U	0.7 U
75-15-0	Carbon Disulfide	60*	ug/L	0.25 U	0.42 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.25 U	0.5 U	0.84 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.25 U	0.25 U	0.25 U
56-23-5	Carbon Tetrachloride	5	ug/L	0.34 U	0.34 U	1.0 U	1 UJ	1 U	1.0 U	1 U	1 U	0.34 U	0.68 U	0.68 U	2.5 U	5 UJ	2.5 U	1.0 U	1 U	2 U	0.34 U	0.34 U	0.34 U
108-90-7	Chlorobenzene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	0.2 U
75-00-3	Chloroethane	5	ug/L	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	0.46 U	0.46 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.23 U	0.23 U	0.23 U
67-66-3	Chloroform	7	ug/L	0.24 U	0.24 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.24 U	**0.78 J**	0.48 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.24 U	0.24 U	0.24 U
74-87-3	Chloromethane	NL	ug/L	0.28 U	0.28 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.28 U	0.56 U	0.56 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.28 U	1 U	0.28 U
110-82-7	Cyclohexane	NL	ug/L	0.26 U	0.26 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.26 U	0.52 U	0.52 U	2.5 U	5 U	2.5 U	1.0 U	*1 U*	2 U	0.26 U	0.26 U	0.26 U
124-48-1	Dibromochloromethane	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	0.2 U
75-71-8	Dichlorodifluoromethane	5	ug/L	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ	1 U	1 UJ	0.21 U	0.42 U	0.42 U	2.5 U	5 U	2.5 U	1.0 UJ	1 U	2 UJ	0.21 U	0.21 U	0.21 U
75-09-2	Methylene Chloride	5	ug/L	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.36 U	0.72 U	1.3 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.36 U	0.36 U	0.36 U
100-41-4	Ethylbenzene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	0.2 U
98-82-8	Isopropylbenzene (Cumene)	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	*1 U*	2 U	0.2 U	0.2 U	0.2 U
79-20-9	Methyl Acetate	NL	ug/L	0.33 U	0.33 U	2.0 U	2 U	2 U	2.0 UJ	2 U	2 U	0.33 U	0.66 U	0.66 U	5.0 U	10 U	5 U	**0.59 BJ**	2 U	4 U	0.33 U	0.33 U	0.33 U
1634-04-4	Tert-Butyl Methyl Ether	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	0.2 U
108-87-2	Methylcyclohexane	NL	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	*1 U*	2 U	0.2 U	0.2 U	0.2 U
100-42-5	Styrene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	0.2 U
127-18-4	Tetrachloroethylene (PCE)	5	ug/L	**0.42 J**	**0.4 J**	**0.36**	**0.4 J**	**0.44 J**	**0.4 J**	**0.36 J**	**0.45 J**	0.21 U	**1.2 J**	**1.3 J**	**1.5**	**1.6 DJ**	**1.2 J**	**0.27 J**	**0.98 J**	**0.82 J**	**2.1**	0.21 U	0.21 U
108-88-3	Toluene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	**0.23 J**	1 U	2 U	0.2 U	0.2 U	0.2 U
79-01-6	Trichloroethylene (TCE)	5	ug/L	**150**	**140**	**160**	**170**	**130**	**130**	**120**	**140**	0.2 U	**320**	**300**	**340**	**290 D**	**280**	**96**	**210 D**	**210**	**45**	0.2 U	**29**
75-69-4	Trichlorofluoromethane	5	ug/L	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 U	1 U	1 U	0.24 U	0.48 U	0.48 U	2.5 UJ	5 U	2.5 U	1.0 U	1 U	2 U	0.24 U	0.24 U	0.24 U
75-01-4	Vinyl Chloride	2	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 UJ	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 UJ	1 U	2 U	0.2 U	0.2 U	0.2 U
156-59-2	Cis-1,2-Dichloroethylene	5	ug/L	0.23 U	**0.3 J**	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	**0.68 J**	0.46 U	2.5 U	5 U	2.5 U	1.0 U	**0.24 J**	2 U	0.23 U	0.23 U	0.23 U
10061-01-5	Cis-1,3-Dichloropropene	0.4	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	*1 U*	2 U	0.2 U	0.2 U	0.2 U
XYLMP	M,P-Xylene (Sum Of Isomers)	5	ug/L	0.2 U	0.2 U	2.0 U	2 U	2 U	2.0 U	2 U	2 U	0.2 U	0.4 U	0.4 U	5.0 U	10 U	5 U	2.0 U	2 U	4 U	0.2 U	0.2 U	0.2 U
95-47-6	O-Xylene (1,2-Dimethylbenzene)	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	0.2 U
156-60-5	Trans-1,2-Dichloroethene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.2 U	0.2 U	0.2 U
10061-02-6	Trans-1,3-Dichloropropene	0.4	ug/L	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	0.46 U	0.46 U	2.5 U	5 U	2.5 U	1.0 U	1 U	2 U	0.23 U	0.23 U	0.23 U

NOTES:
* = Guidance Value
Bolded results detected above the Reporting Limit.
Highlighted results exceed NYS standard
U = Not detected. Reporting limit shown.
NL = Not Listed D = Dilution
J = Estimated JN = The analyte is "presumtively present". The associated result is an approximate concentration.

Table 2
OCTOBER 2024 GROUNDWATER VOCs ANALYTICAL DATA (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	NYS Class GA Standards	Unit	MW-22 8/21/2019	MW-23 8/21/2019	MW-23 8/5/2020	MW-23 10/22/2020	MW-23 2/3/2021	MW-23 4/21/2021	MW-23 10/19/22	MW-23 10/16/2023	MW-23 10/4/2024	MW-24D 8/21/2019	MW-24S 8/21/2019	MW-24S 8/5/2020	MW-24S 10/22/2020	MW-24S 2/3/2021	MW-24S 4/21/2021	MW-24S 10/19/22	MW-24S 10/16/2023	MW-24S 10/4/2024
71-55-6	1,1,1-Trichloroethane (TCA)	5	ug/L	0.21 U	0.21 U	0.2 U	1.0 U	**0.46 J**	**0.97 J**	1.0 U	**0.54 J**	**0.72 J**	**7.7**	**15**	**16**	**19**	**14**	**13**	**13**	**11**	**11**
79-34-5	1,1,2,2-Tetrachloroethane	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	1	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
26523-64-8	Trichlorotrifluoroethane (Freon-113)	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-34-3	1,1-Dichloroethane	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	**1.5**	**0.35 J**	**0.87 J**	**1.3**	**1.4**	**1.7**	**1.6**	**1.4**	**1.4**	**1.5**	**1.4**
75-35-4	1,1-Dichloroethene (1,1-DCE)	5	ug/L	0.25 U	0.25 U	0.2 U	1.0 U	1 U	1 U	1.0 U	**0.2 J**	1 U	**1.6**	**4.4**	**5.9**	**6.1**	**4.6**	**5.1**	**3.8**	**3.6**	**3.1**
87-61-6	1,2,3-Trichlorobenzene	5	ug/L	0.2 U	0.2 U	0.25 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.25 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	0.25 U	0.25 U	0.34 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.25 U	0.25 U	0.34 UJ	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
96-12-8	1,2-Dibromo-3-Chloropropane	0.04	ug/L	0.45 U	0.45 U	0.45 U	2.0 U	2 U	2 U	2.0 U	2 UJ	2 U	0.45 U	0.45 U	0.45 U	2.0 U	2 U	2 U	2.0 U	2 UJ	2 UJ
106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	NL	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
107-06-2	1,2-Dichloroethane	0.6	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
78-87-5	1,2-Dichloropropane	1	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
123-91-1	1,4-Dioxane (P-Dioxane)	NL	ug/L	13 U	13 U	13 U	40 U	40 U	40 U	40 U	*40 U*	40 U	13 U	13 U	13 U	40 U	40 U	40 U	40 U	*40 U*	40 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	50*	ug/L	0.78 U	0.78 U	0.78 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U	0.78 U	0.78 U	0.78 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U
591-78-6	2-Hexanone	50*	ug/L	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U
108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NL	ug/L	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	*5 U*	5 U	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	*5 U*	5 U
67-64-1	Acetone	50*	ug/L	**15 J**	**12**	5 U	5.0 U	5 U	5 U	5.0 UJ	5 U	5 UJ	**8.4**	**13**	5 U	5.0 U	5 U	5 U	5.0 UJ	5 U	5 UJ
71-43-2	Benzene	1	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
74-97-5	Bromochloromethane	5	ug/L	0.24 U	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.24 U	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-27-4	Bromodichloromethane	50*	ug/L	0.22 U	0.22 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.22 U	0.22 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-25-2	Bromoform	50*	ug/L	0.25 UJ	0.25 U	0.25 U	1.0 U	1 U	1 U	1.0 U	1 UJ	1 U	0.25 U	0.25 U	0.25 U	1.0 U	1 U	1 U	1.0 U	1 UJ	1 U
74-83-9	Bromomethane	5	ug/L	0.7 U	0.7 U	0.7 U	1.0 U	1 UJ	1 U	1.0 U	1 U	1 UJ	0.7 U	0.7 U	0.7 UJ	1.0 U	1 UJ	1 U	1.0 U	1 U	1 U
75-15-0	Carbon Disulfide	60*	ug/L	0.25 U	0.25 U	0.42 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.25 U	0.25 U	0.42 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
56-23-5	Carbon Tetrachloride	5	ug/L	0.34 U	0.34 U	0.34 U	1.0 U	1 UJ	1 U	1.0 U	1 U	1 U	0.34 U	0.34 U	0.34 U	1.0 U	1 UJ	1 U	1.0 U	1 U	1 U
108-90-7	Chlorobenzene	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-00-3	Chloroethane	5	ug/L	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
67-66-3	Chloroform	7	ug/L	0.24 U	0.24 U	0.24 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.24 U	0.24 U	0.24 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
74-87-3	Chloromethane	NL	ug/L	1 U	**0.29 J**	0.28 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	**0.35 J**	**0.36 J**	0.28 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
110-82-7	Cyclohexane	NL	ug/L	0.26 U	0.26 U	0.26 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.26 U	0.26 U	0.26 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
124-48-1	Dibromochloromethane	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
75-71-8	Dichlorodifluoromethane	5	ug/L	0.21 U	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ	1 U	1 U	0.21 U	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ	1 U	1 UJ
75-09-2	Methylene Chloride	5	ug/L	0.36 U	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.36 U	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
100-41-4	Ethylbenzene	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
98-82-8	Isopropylbenzene (Cumene)	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
79-20-9	Methyl Acetate	NL	ug/L	0.33 U	0.33 U	**2**	2.0 U	2 U	2 U	2.0 U	2 U	2 U	0.33 U	0.33 U	0.33 U	2.0 U	2 U	2 U	2.0 U	2 U	2 U
1634-04-4	Tert-Butyl Methyl Ether	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
108-87-2	Methylcyclohexane	NL	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
100-42-5	Styrene	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
127-18-4	Tetrachloroethylene (PCE)	5	ug/L	0.21 U	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.21 U	**0.34 BJ**	0.21 U	**0.28**	**0.24 J**	**0.26 J**	1.0 U	1 U	1 U
108-88-3	Toluene	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
79-01-6	Trichloroethylene (TCE)	5	ug/L	**0.21 JN**	**0.3 J**	**0.83 J**	**0.43**	**0.97 J**	**1.2**	**0.23 J**	**3.9**	**3**	**31**	**72**	**80**	**94**	**69**	**63**	**71**	**58**	**55**
75-69-4	Trichlorofluoromethane	5	ug/L	0.24 U	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 U	1 U	1 U	0.24 U	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 U	1 U	1 U
75-01-4	Vinyl Chloride	2	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
156-59-2	Cis-1,2-Dichloroethylene	5	ug/L	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	**1.4**	**0.92 J**	0.23 U	0.23 U	**0.35 J**	1.0 U	1 U	1 U	1.0 U	1 U	1 U
10061-01-5	Cis-1,3-Dichloropropene	0.4	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U
XYLMP	M,P-Xylene (Sum Of Isomers)	5	ug/L	0.2 U	0.2 U	0.2 U	2.0 U	2 U	2 U	2.0 U	2 U	2 U	0.2 U	0.2 U	0.2 U	2.0 U	2 U	2 U	2.0 U	2 U	2 U
95-47-6	O-Xylene (1,2-Dimethylbenzene)	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
156-60-5	Trans-1,2-Dichloroethene	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	**0.34 J**	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U
10061-02-6	Trans-1,3-Dichloropropene	0.4	ug/L	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U

NOTES:
* = Guidance Value
Bolded results detected above the Reporting Limit.
Highlighted results exceed NYS standard
U = Not detected. Reporting limit shown.
NL = Not Listed D = Dilution
J = Estimated JN = The analyte is "presumtively present". The associated result is an approximate concentration.

Table 2
OCTOBER 2024 GROUNDWATER VOCs ANALYTICAL DATA (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	NYS Class GA Standards	Unit	MW-26 8/21/2019	MW-26 8/5/2020	MW-26 DUP080520 8/5/2020	MW-26 10/22/2020	MW-26 DUP102220B 10/22/2020	MW-26 2/3/2021	MW-26 DUP020321B 2/3/2021	MW-26 4/21/2021	MW-26 DUP042121B 4/21/2021	MW-26 10/19/22	MW-26 DUP101922B 10/19/22	MW-26 10/16/2023	MW-26 DUP 101623 B 10/16/2023	MW-26 10/4/2024	MW-26 DUP100424 B 10/4/2024	MW-27 8/21/2019	TEST WELL 8/21/2019	Spring PZ-1 8/21/2019
71-55-6	1,1,1-Trichloroethane (TCA)	5	ug/L	**8.3**	**7.4**	**7**	**7.7**	**8.4**	**7.2**	**7.1**	**6.3**	**6.9**	**6.4**	**6.5**	**6.5**	**6.5**	**6.1**	**6.5**	0.21 U	**1.4**	0.21 U
79-34-5	1,1,2,2-Tetrachloroethane	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
79-00-5	1,1,2-Trichloroethane	1	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
26523-64-8	Trichlorotrifluoroethane (Freon-113)	5	ug/L	**1.6**	**1.3**	**1.1**	**1.2**	**1.4**	**1.3**	**1.1**	1 U	**1.2**	**0.94 J**	**0.98 J**	**0.98 J**	**1**	**0.95 J**	**1.1**	0.2 U	0.2 U	0.2 U
75-34-3	1,1-Dichloroethane	5	ug/L	**0.44 J**	**0.27 J**	0.2 U	**0.27**	**0.28**	1 U	**0.32 J**	1 U	1 U	1.0 U	1.0 U	1 U	**0.21 J**	1 U	1 U	0.2 U	**0.51 J**	0.2 U
75-35-4	1,1-Dichloroethene (1,1-DCE)	5	ug/L	**1.9**	**1.6**	**1.4**	**1.7**	**1.8**	**1.5**	**1.5**	**1.7**	**1.6**	**1.2**	**1.2**	**1.6**	**1.5**	**1.2**	**1.2**	0.25 U	**0.92 J**	0.25 U
87-61-6	1,2,3-Trichlorobenzene	5	ug/L	0.2 U	0.25 U	0.25 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	0.25 U	0.34 UJ	0.34 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	*1 U*	*1 U*	1 U	1 U	0.25 U	0.25 U	0.25 U
96-12-8	1,2-Dibromo-3-Chloropropane	0.04	ug/L	0.45 U	0.45 U	0.45 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2 UJ	2 UJ	2 UJ	2 UJ	0.45 U	0.45 U	0.45 U
106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	NL	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
95-50-1	1,2-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
107-06-2	1,2-Dichloroethane	0.6	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
78-87-5	1,2-Dichloropropane	1	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
541-73-1	1,3-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	*1 U*	*1 U*	1 U	1 U	0.2 U	0.2 U	0.2 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
123-91-1	1,4-Dioxane (P-Dioxane)	NL	ug/L	13 U	13 U	13 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	*40 U*	*40 U*	40 U	40 U	13 U	13 U	13 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	50*	ug/L	0.78 U	0.78 U	0.78 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5.0 UJ	5.0 UJ	5 U	5 U	5 U	5 U	0.78 U	0.78 U	0.78 U
591-78-6	2-Hexanone	50*	ug/L	0.2 U	0.2 U	0.2 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	0.2 U	0.2 U	0.2 U
108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NL	ug/L	0.2 U	0.2 U	0.2 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5.0 U	5.0 U	*5 U*	*5 U*	5 U	5 U	0.2 U	0.2 U	0.2 U
67-64-1	Acetone	50*	ug/L	**14**	5 U	5 UJ	5.0 U	5.0 U	5 U	5 U	5 U	5 U	**5.1 J**	5.0 UJ	5 U	5 U	5 UJ	5 UJ	**9.2**	**13**	**13**
71-43-2	Benzene	1	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
74-97-5	Bromochloromethane	5	ug/L	0.24 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.24 U	0.24 U	0.24 U
75-27-4	Bromodichloromethane	50*	ug/L	0.22 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.22 U	0.22 U	0.22 U
75-25-2	Bromoform	50*	ug/L	0.25 UJ	0.25 U	0.25 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 UJ	1 UJ	1 U	1 U	0.25 U	0.25 U	0.25 U
74-83-9	Bromomethane	5	ug/L	0.7 U	0.7 UJ	0.7 U	1.0 U	1.0 U	1 UJ	1 UJ	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.7 U	0.7 U	0.7 U
75-15-0	Carbon Disulfide	60*	ug/L	0.25 U	0.42 U	0.42 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.25 U	0.25 U	0.25 U
56-23-5	Carbon Tetrachloride	5	ug/L	0.34 U	0.34 U	0.34 U	1.0 U	1.0 U	1 UJ	1 UJ	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.34 U	0.34 U	0.34 U
108-90-7	Chlorobenzene	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
75-00-3	Chloroethane	5	ug/L	0.23 U	0.23 U	0.23 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.23 U	0.23 U	0.23 U
67-66-3	Chloroform	7	ug/L	0.24 U	0.24 U	0.24 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.24 U	0.24 U	0.24 U
74-87-3	Chloromethane	NL	ug/L	0.28 U	0.28 U	0.28 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	**0.33 J**	**0.48 J**	**0.36 J**
110-82-7	Cyclohexane	NL	ug/L	0.26 U	0.26 U	0.26 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	*1 U*	*1 U*	1 U	1 U	0.26 U	0.26 U	0.26 U
124-48-1	Dibromochloromethane	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
75-71-8	Dichlorodifluoromethane	5	ug/L	0.21 U	0.21 U	0.21 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 UJ	1.0 UJ	1 U	1 U	1 UJ	1 UJ	0.21 U	0.21 U	0.21 U
75-09-2	Methylene Chloride	5	ug/L	0.36 U	0.65 U	0.65 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.36 U	0.36 U	0.36 U
100-41-4	Ethylbenzene	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
98-82-8	Isopropylbenzene (Cumene)	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	*1 U*	*1 U*	1 U	1 U	0.2 U	0.2 U	0.2 U
79-20-9	Methyl Acetate	NL	ug/L	0.33 U	0.33 U	0.33 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2.0 UJ	2.0 UJ	2 U	2 U	2 U	2 U	0.33 U	0.33 U	0.33 U
1634-04-4	Tert-Butyl Methyl Ether	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
108-87-2	Methylcyclohexane	NL	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	*1 U*	*1 U*	1 U	1 U	0.2 U	0.2 U	0.2 U
100-42-5	Styrene	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
127-18-4	Tetrachloroethylene (PCE)	5	ug/L	**2.1**	**2.2**	**1.7**	**1.7**	**2.3**	**2**	**1.8**	**1.9**	**1.9**	**2.4**	**2.1**	**1.8**	**2.3**	**1.7**	**2.4**	0.21 U	0.21 U	0.21 U
108-88-3	Toluene	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
79-01-6	Trichloroethylene (TCE)	5	ug/L	**120**	**120**	**110**	**130**	**140**	**110**	**110**	**100**	**100**	**110**	**110**	**110**	**100**	**98**	**120**	0.2 U	**20**	**0.27 J**
75-69-4	Trichlorofluoromethane	5	ug/L	0.24 U	0.24 U	0.24 U	1.0 UJ	1.0 UJ	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.24 U	0.24 U	0.24 U
75-01-4	Vinyl Chloride	2	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 UJ	1.0 UJ	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
156-59-2	Cis-1,2-Dichloroethylene	5	ug/L	0.23 U	0.23 U	0.23 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.23 U	0.23 U	0.23 U
10061-01-5	Cis-1,3-Dichloropropene	0.4	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	*1 U*	*1 U*	1 U	1 U	0.2 U	0.2 U	0.2 U
XYLMP	M,P-Xylene (Sum Of Isomers)	5	ug/L	0.2 U	0.2 U	0.2 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	0.2 U	0.2 U	0.2 U
95-47-6	O-Xylene (1,2-Dimethylbenzene)	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
156-60-5	Trans-1,2-Dichloroethene	5	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U
10061-02-6	Trans-1,3-Dichloropropene	0.4	ug/L	0.23 U	0.23 U	0.23 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.23 U	0.23 U	0.23 U

NOTES:
* = Guidance Value
Bolded results detected above the Reporting Limit.
Highlighted results exceed NYS standard
U = Not detected. Reporting limit shown.
NL = Not Listed D = Dilution
J = Estimated JN = The analyte is "presumtively present". The associated result is an approximate concentration.

Table 2
OCTOBER 2024 GROUNDWATER VOCs ANALYTICAL DATA (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	NYS Class GA Standards	Unit	GP-02 8/21/2019	GP-03 8/21/2019	GP-04 8/21/2019	GP-06 8/21/2019	SS&G MW-3 8/21/2019	SS&G MW-3 8/5/2020	SS&G MW-3 10/22/2020	SS&G MW-3 2/3/2021	SS&G MW-3 4/21/2021	SS&G MW-3 10/19/22	SS&G MW-3 10/16/2023	SS&G MW-3 10/4/2024	SS&G MW-4 8/21/2019	SS&G MW-5 8/21/2019	SS&G MW-7 8/21/2019	SS&G MW-8 8/21/2019	SS&G MW-15 8/21/2019
71-55-6	1,1,1-Trichloroethane (TCA)	5	ug/L	0.21 U	0.21 U	0.21 U	0.21 U	**8.1**	**4.1**	**5.1**	**4.3**	**4.2**	**4.3**	**3.9**	**3.9**	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
79-34-5	1,1,2,2-Tetrachloroethane	5	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
79-00-5	1,1,2-Trichloroethane	1	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
26523-64-8	Trichlorotrifluoroethane (Freon-113)	5	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
75-34-3	1,1-Dichloroethane	5	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
75-35-4	1,1-Dichloroethene (1,1-DCE)	5	ug/L	0.25 U	0.25 U	0.25 U	0.25 U	**1.3**	**0.88 J**	**0.78**	**0.65 J**	**0.66 J**	**0.63 J**	**0.59 J**	**0.62 J**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
87-61-6	1,2,3-Trichlorobenzene	5	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
120-82-1	1,2,4-Trichlorobenzene	5	ug/L	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.34 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
96-12-8	1,2-Dibromo-3-Chloropropane	0.04	ug/L	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	2.0 U	2 U	2 U	2.0 U	2 UJ	2 UJ	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	NL	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
95-50-1	1,2-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
107-06-2	1,2-Dichloroethane	0.6	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
78-87-5	1,2-Dichloropropane	1	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
541-73-1	1,3-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
106-46-7	1,4-Dichlorobenzene	3	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
123-91-1	1,4-Dioxane (P-Dioxane)	NL	ug/L	13 U	13 U	13 U	13 U	13 U	13 U	40 U	40 U	40 U	40 U	*40 U*	40 U	13 U	13 U	13 U	13 U	13 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	50*	ug/L	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
591-78-6	2-Hexanone	50*	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NL	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U	*5 U*	5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
67-64-1	Acetone	50*	ug/L	**11**	**11**	**17**	**16**	**17**	5 UJ	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	**17**	**12**	**15**	**17**	**22**
71-43-2	Benzene	1	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
74-97-5	Bromochloromethane	5	ug/L	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
75-27-4	Bromodichloromethane	50*	ug/L	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
75-25-2	Bromoform	50*	ug/L	0.25 UJ	0.25 U	0.25 U	0.25 U	0.25 UJ	0.25 U	1.0 U	1 U	1 U	1.0 U	1 UJ	1 U	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ
74-83-9	Bromomethane	5	ug/L	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	1.0 U	1 UJ	1 U	1.0 U	1 U	1 U	0.7 U	0.7 UJ	0.7 U	0.7 U	0.7 U
75-15-0	Carbon Disulfide	60*	ug/L	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.42 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
56-23-5	Carbon Tetrachloride	5	ug/L	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	1.0 U	1 UJ	1 U	1.0 U	1 U	1 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
108-90-7	Chlorobenzene	5	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
75-00-3	Chloroethane	5	ug/L	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
67-66-3	Chloroform	7	ug/L	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
74-87-3	Chloromethane	NL	ug/L	0.28 U	**0.3 J**	0.28 U	**0.3 J**	0.28 U	0.28 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.28 U	0.28 U	1 U	0.28 U	0.28 U
110-82-7	Cyclohexane	NL	ug/L	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
124-48-1	Dibromochloromethane	5	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
75-71-8	Dichlorodifluoromethane	5	ug/L	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ	1 U	1 UJ	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
75-09-2	Methylene Chloride	5	ug/L	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
100-41-4	Ethylbenzene	5	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
98-82-8	Isopropylbenzene (Cumene)	5	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
79-20-9	Methyl Acetate	NL	ug/L	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	2.0 U	2 U	2 U	2.0 U	2 U	2 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1634-04-4	Tert-Butyl Methyl Ether	5	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
108-87-2	Methylcyclohexane	NL	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
100-42-5	Styrene	5	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
127-18-4	Tetrachloroethylene (PCE)	5	ug/L	0.21 U	1 U	1 U	0.21 U	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
108-88-3	Toluene	5	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
79-01-6	Trichloroethylene (TCE)	5	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	**9**	**5.1**	**5.2**	**4.4**	**4.7**	**9.5**	**4.8**	**6.9**	0.2 U	**13**	0.2 U	0.2 U	0.2 U
75-69-4	Trichlorofluoromethane	5	ug/L	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 U	1 U	1 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
75-01-4	Vinyl Chloride	2	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 UJ	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
156-59-2	Cis-1,2-Dichloroethylene	5	ug/L	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
10061-01-5	Cis-1,3-Dichloropropene	0.4	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	*1 U*	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
XYLMP	M,P-Xylene (Sum Of Isomers)	5	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2.0 U	2 U	2 U	2.0 U	2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
95-47-6	O-Xylene (1,2-Dimethylbenzene)	5	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
156-60-5	Trans-1,2-Dichloroethene	5	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
10061-02-6	Trans-1,3-Dichloropropene	0.4	ug/L	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U

NOTES:
* = Guidance Value
Bolded results detected above the Reporting Limit.
Highlighted results exceed NYS standard
U = Not detected. Reporting limit shown.
NL = Not Listed D = Dilution
J = Estimated JN = The analyte is "presumtively present". The associated result is an approximate concentration.

Table 3
OCTOBER 2024 SURFACE WATER VOCs ANALYTICAL DATA (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	NYS Class C Standards for Detected Compounds	Unit	SC-1 8/22/2019	SC-1 8/5/2020	SC-1 10/22/2020	SC-1 DUP102220A 10/22/2020	SC-1 2/3/2021	SC-1 DUP020321A 2/3/2021	SC-1 4/21/2021	SC-1 DUP042121A 4/21/2021	SC-1 10/19/22	SC-1 DUP101922A 10/19/22	SC-1 10/16/2023	SC-1 DUP 101623 A 10/16/2023	SC-1 10/4/2024	SC-1 DUP100424 A 10/4/2024	SPRING HOUSE 8/22/2019	ST-1 8/22/2019	ST-2 8/22/2019	ST-3 8/22/2019
71-55-6	1,1,1-Trichloroethane (TCA)	NL	ug/L	**5.9**	**6.3**	**7.6**	**7.5**	**6.2**	**6.1**	**6.8**	**6.5**	**5**	**5.1**	**4.6**	**4.6**	**5**	**4.9**	**6.4**	**1.9**	**0.66 J**	0.21 U
79-34-5	1,1,2,2-Tetrachloroethane	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
79-00-5	1,1,2-Trichloroethane	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
26523-64-8	Trichlorotrifluoroethane (Freon-113)	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
75-34-3	1,1-Dichloroethane	NL	ug/L	**0.48 J**	**0.4 J**	**0.41**	**0.43**	**0.35 J**	**0.42 J**	**0.44 J**	**0.43 J**	**0.37 J**	**0.36 J**	**0.4 J**	**0.48 J**	**0.4 J**	**0.41 J**	**0.48 J**	0.2 U	0.2 U	0.2 U
75-35-4	1,1-Dichloroethene (1.1-DCE)	NL	ug/L	**1.2**	**1.6**	**1.9**	**1.9**	**1.6**	**1.3**	**1.7**	**2**	**1**	**1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.5**	**0.29 J**	0.25 U	0.25 U
87-61-6	1,2,3-Trichlorobenzene	NA	ug/L	0.2 U	0.25 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
120-82-1	1,2,4-Trichlorobenzene	NA	ug/L	0.25 U	0.34 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	*1 U*	*1 U*	1 U	1 U	0.25 U	0.25 U	0.25 U	0.25 U
96-12-8	1,2-Dibromo-3-Chloropropane	NA	ug/L	0.45 U	0.45 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2 UJ	2 UJ	2 UJ	2 UJ	0.45 U	0.45 U	0.45 U	0.45 U
106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
95-50-1	1,2-Dichlorobenzene	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
107-06-2	1,2-Dichloroethane	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
78-87-5	1,2-Dichloropropane	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
541-73-1	1,3-Dichlorobenzene	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	*1 U*	*1 U*	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
106-46-7	1,4-Dichlorobenzene	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
123-91-1	1,4-Dioxane (P-Dioxane)	NA	ug/L	13 U	13 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	*40 U*	*40 U*	40 U	40 U	13 U	13 U	13 U	13 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	NA	ug/L	0.78 U	0.78 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5.0 U	5.0 UJ	5 U	5 U	5 U	5 U	0.78 U	0.78 U	0.78 U	0.78 U
591-78-6	2-Hexanone	NA	ug/L	0.2 U	0.2 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U
108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NA	ug/L	0.2 U	0.2 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5.0 U	5.0 U	*5 U*	*5 U*	5 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U
67-64-1	Acetone	NA	ug/L	6.7 U	5 UJ	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5.0 UJ	5.0 UJ	5 U	5 U	5 UJ	5 UJ	7.1 U	11 U	7.7 U	12 U
71-43-2	Benzene	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
74-97-5	Bromochloromethane	NA	ug/L	0.24 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.24 U	0.24 U	0.24 U	0.24 U
75-27-4	Bromodichloromethane	NA	ug/L	0.22 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.22 U	0.22 U	0.22 U	0.22 U
75-25-2	Bromoform	NA	ug/L	0.25 UJ	0.25 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 UJ	1 UJ	1 U	1 U	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ
74-83-9	Bromomethane	NA	ug/L	0.7 U	0.7 U	1.0 U	1.0 U	1 UJ	1 UJ	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.7 U	0.7 U	0.7 U	0.7 U
75-15-0	Carbon Disulfide	NA	ug/L	0.25 U	0.42 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.25 U	0.25 U	0.25 U	0.25 U
56-23-5	Carbon Tetrachloride	NA	ug/L	0.34 U	0.34 U	1.0 U	1.0 U	1 UJ	1 UJ	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.34 U	0.34 U	0.34 U	0.34 U
108-90-7	Chlorobenzene	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
75-00-3	Chloroethane	NA	ug/L	0.23 U	0.23 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.23 U	0.23 U	0.23 U	0.23 U
67-66-3	Chloroform	NL	ug/L	**0.31 J**	0.24 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.24 U	0.24 U	0.24 U	0.24 U
74-87-3	Chloromethane	NA	ug/L	1 U	0.28 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.28 U	0.28 U	0.28 U	0.28 U
110-82-7	Cyclohexane	NA	ug/L	0.26 U	0.26 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	*1 U*	*1 U*	1 U	1 U	0.26 U	0.26 U	0.26 U	0.26 U
124-48-1	Dibromochloromethane	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
75-71-8	Dichlorodifluoromethane	NA	ug/L	0.21 U	0.21 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 UJ	1.0 UJ	1 U	1 U	1 UJ	1 UJ	0.21 U	0.21 U	0.21 U	0.21 U
75-09-2	Methylene Chloride	NA	ug/L	0.36 U	0.65 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.36 U	0.36 U	0.36 U	0.36 U
100-41-4	Ethylbenzene	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
98-82-8	Isopropylbenzene (Cumene)	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	*1 U*	*1 U*	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
79-20-9	Methyl Acetate	NA	ug/L	0.33 U	0.33 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2.0 U	2.0 UJ	2 U	2 U	2 U	2 U	0.33 U	0.33 U	0.33 U	0.33 U
1634-04-4	Tert-Butyl Methyl Ether	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
108-87-2	Methylcyclohexane	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	*1 U*	*1 U*	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
100-42-5	Styrene	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
127-18-4	Tetrachloroethylene (PCE)	NA	ug/L	0.21 U	0.21 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.21 U	0.21 U	0.21 U	0.21 U
108-88-3	Toluene	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
79-01-6	Trichloroethylene (TCE)	40	ug/L	**30**	**34**	**37**	**37**	**31**	**28**	**33**	**32**	**30**	**31**	**26**	**26**	**27**	**28**	**32**	**9.4**	**2.9**	**0.69 J**
75-69-4	Trichlorofluoromethane	NA	ug/L	0.24 U	0.24 U	1.0 UJ	1.0 UJ	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.24 U	0.24 U	0.24 U	0.24 U
75-01-4	Vinyl Chloride	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 UJ	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
156-59-2	Cis-1,2-Dichloroethylene	NA	ug/L	0.23 U	0.23 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.23 U	0.23 U	0.23 U	0.23 U
10061-01-5	Cis-1,3-Dichloropropene	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	*1 U*	*1 U*	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
XYLMP	M,P-Xylene (Sum Of Isomers)	NA	ug/L	0.2 U	0.2 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U
95-47-6	O-Xylene (1,2-Dimethylbenzene)	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
156-60-5	Trans-1,2-Dichloroethene	NA	ug/L	0.2 U	0.2 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
10061-02-6	Trans-1,3-Dichloropropene	NA	ug/L	0.23 U	0.23 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	0.23 U	0.23 U	0.23 U	0.23 U

NOTES:

* = Guidance Value

Bolded results detected above the Reporting Limit.

Highlighted results exceed NYS standard

U = Not detected. Reporting limit shown.

J = Estimated

NL = Not Listed

NA = Standard not applicable because the analyte was not detected.

Table 4 - Historic Data and Trends CVOCs
Modock Rd. Springs/DSL Sand Gravel Inc. Site (NYSEC Site No. 8-35-013)
Victor, New York

MW-4	8/2/1995	8/11/1995	8/25/1995	8/7/1996	4/24/1997	7/29/1997	4/30/1998	10/13/1999	11/9/1999	11/10/2000	5/23/2001	10/31/2003	11/18/2004	3/2/2005	9/15/2006	11/17/2006	6/6/2007	7/1/2008	5/6/2009	9/21/2009	8/10/2010	10/30/2011	9/8/2015	8/21/2019	8/5/2020
TCE	NS	160	160	200	240	200	180	NS	140	NS	150	NS	200	NS	NS	130	100	120	100	120	120	20.7	82	48	45
TCA	NS	110	96	150	140	110	74	NS	85	NS	72	NS	79	NS	NS	41	36	40	34	35	34	14.3	17	8.4	8.5
DCE	NS	6.9	5.1	7	5.6	7.7	7.4	NS	9.7	NS	11	NS	10	NS	NS	6	5	5	4	6.5	6.2	0	0	2.1	1.7
TCVOCs	NS	276.9	261.1	357	385.6	317.7	261.4	NS	234.7	NS	233	NS	289	NS	NS	177	141	165	138	161.5	160.2	35	99	58.5	55.2

MW-10	8/2/1995	8/11/1995	8/25/1995	8/7/1996	4/24/1997	7/29/1997	4/30/1998	10/13/1999	11/9/1999	11/10/2000	5/23/2001	10/31/2003	11/18/2004	3/2/2005	9/15/2006	11/17/2006	6/6/2007	6/30/2008	5/6/2009	9/21/2009	8/10/2010	10/30/2011	9/8/2015	8/21/2019	8/5/2020
TCE	NS	NS	NS	NS	NS	NS	NS	NS	0	NS	NS	NS	NS	NS	NS	0	1	0	NS	NS	0.7	20.8	0	0.44	0.48
TCA	NS	NS	NS	NS	NS	NS	NS	NS	3.2	NS	NS	NS	NS	NS	NS	2	3	3	NS	NS	2.9	0	0	1.9	2.8
DCE	NS	NS	NS	NS	NS	NS	NS	NS	0	NS	NS	NS	NS	NS	NS	0	0	0	NS	NS	0	0	0	0	0
TCVOCs	NS	NS	NS	NS	NS	NS	NS	NS	3.2	NS	NS	NS	NS	NS	NS	2	4	3	NS	NS	3.6	20.8	0	2.34	3.28

MW-13	8/2/1995	8/11/1995	8/25/1995	8/7/1996	4/24/1997	7/29/1997	4/30/1998	10/13/1999	11/9/1999	11/10/2000	5/23/2001	10/31/2003	11/18/2004	3/2/2005	9/15/2006	11/17/2006	6/6/2007	6/30/2008	5/5/2009	9/21/2009	8/10/2010	10/31/2011	12/28/2011	9/8/2015	8/21/2019
TCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	610	450	340	NS	NS	NS	180	150	150	150	150	150	31.8	104	32	53
TCA	NS	NS	NS	NS	NS	NS	NS	NS	NS	540	400	260	NS	NS	NS	180	150	180	170	130	120	37.8	71.9	7.8	30
DCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	66	58	31	NS	NS	NS	31	20	24	23	23	20	0	11.2	0	4.6
TCVOCs	NS	NS	NS	NS	NS	NS	NS	NS	NS	1216	908	631	NS	NS	NS	391	320	354	343	303	290	69.6	187.1	39.8	87.6

MW-14	8/2/1995	8/11/1995	8/25/1995	8/7/1996	4/24/1997	7/29/1997	4/30/1998	10/13/1999	11/9/1999	11/10/2000	5/23/2001	10/31/2003	11/18/2004	3/2/2005	9/15/2006	11/17/2006	6/6/2007	6/30/2008	5/5/2009	9/21/2009	8/10/2010	10/31/2011	9/8/2015	8/21/2019	8/5/2020
TCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	11000	3300	1000	950	1400	2600	470	1100	410	450	550	150	166	120	59	56
TCA	NS	NS	NS	NS	NS	NS	NS	NS	NS	4600	880	210	200	280	360	150	250	120	110	100	31	41.4	25	14	14
DCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	570	120	32	28	54	45	23	38	16	14	17	5.3	5.06	0	2	2.2
TCVOCs	NS	NS	NS	NS	NS	NS	NS	NS	NS	16170	4300	1242	1178	1734	3005	643	1388	546	574	667	186.3	212.46	145	75	72.2

MW-15	8/2/1995	8/11/1995	8/25/1995	8/7/1996	4/24/1997	7/29/1997	4/30/1998	10/13/1999	11/9/1999	11/10/2000	5/23/2001	10/31/2003	11/18/2004	3/2/2005	9/15/2006	11/17/2006	6/7/2007	6/30/2008	5/5/2009	9/21/2009	8/10/2010	10/30/2011	9/8/2015	8/21/2019	8/5/2020
TCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.8	0	1	NS	2.7	19.1	0	1	1.1
TCA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	60	57	65	NS	45	12.8	19	18	18
DCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	11	21	10	NS	8.7	0	0	3.2	3.3
TCVOCs	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	72.8	78	76	NS	56.4	31.9	19	22.2	22.4

MW-16	8/2/1995	8/11/1995	8/25/1995	8/7/1996	4/24/1997	7/29/1997	4/30/1998	10/13/1999	11/9/1999	11/10/2000	5/23/2001	10/31/2003	11/18/2004	3/2/2005	9/15/2006	11/17/2006	6/14/2007	7/1/2008	5/5/2009	9/21/2009	8/10/2010	10/30/2011	12/28/2011	9/8/2015	8/21/2019
TCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	350	340	520	NS	450	51.6	464	250	150
TCA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	98	120	150	NS	86	53	82.6	42	19
DCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	19	21	25	NS	0	2.41	17.2	9.3	3.5
TCVOCs	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	467	481	695	NS	536	107.01	563.8	301.3	172.5

MW-17S	8/2/1995	8/11/1995	8/25/1995	8/7/1996	4/24/1997	7/29/1997	4/30/1998	10/13/1999	11/9/1999	11/10/2000	5/23/2001	10/31/2003	11/18/2004	3/2/2005	9/15/2006	11/17/2006	6/14/2007	7/1/2008	5/5/2009	9/21/2009	8/10/2010	10/31/2011	12/28/2011	9/8/2015	8/21/2019
TCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	850	2300	3700	NS	2700	77.3	1220	480	320
TCA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	81	330	410	NS	250	65.6	102	43	22
DCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	26	55	120	NS	62	2.74	21.5	8.3	5.3
TCVOCs	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	957	2685	4230	NS	3012	145.64	1343.5	531.3	347.3

MW-23	8/2/1995	8/11/1995	8/25/1995	8/7/1996	4/24/1997	7/29/1997	4/30/1998	10/13/1999	11/9/1999	11/10/2000	5/23/2001	10/31/2003	11/18/2004	3/2/2005	9/15/2006	11/17/2006	6/14/2007	8/20/2008	5/5/2009	9/21/2009	8/10/2010	10/31/2011	12/28/2011	9/8/2015	8/21/2019
TCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3	47	NS	3.6	21.6	NS	0	0.3
TCA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1	13	NS	2.6	6.7	NS	0	0
DCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0	2	NS	0	0	NS	0	0
TCVOCs	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4	62	NS	6.2	28.3	NS	0	0.3

MW-24S	8/2/1995	8/11/1995	8/25/1995	8/7/1996	4/24/1997	7/29/1997	4/30/1998	10/13/1999	11/9/1999	11/10/2000	5/23/2001	10/31/2003	11/18/2004	3/2/2005	9/15/2006	11/17/2006	6/14/2007	8/20/2008	5/5/2009	9/21/2009	8/10/2010	10/31/2011	12/28/2011	9/8/2015	8/21/2019
TCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	210	190	NS	150	24.1	NS	110	72
TCA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	62	64	NS	46	20.4	NS	27	15
DCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	9	9	NS	10	0	NS	6.8	4.4
TCVOCs	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	281	263	NS	206	44.5	NS	143.8	91.4

MW-26	8/2/1995	8/11/1995	8/25/1995	8/7/1996	4/24/1997	7/29/1997	4/30/1998	10/13/1999	11/9/1999	11/10/2000	5/23/2001	10/31/2003	11/18/2004	3/2/2005	9/15/2006	11/17/2006	6/14/2007	8/20/2008	5/5/2009	9/21/2009	8/10/2010	10/30/2011	12/28/2011	9/8/2015	8/21/2019
TCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4	NS	NS	NS	NS	NS	NS	120
TCA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0	NS	NS	NS	NS	NS	NS	8.3
DCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0	NS	NS	NS	NS	NS	NS	1.9
TCVOCs	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4	NS	NS	NS	NS	NS	NS	130.2

SS&G MW-3	8/2/1995	8/11/1995	8/25/1995	8/7/1996	4/24/1997	7/29/1997	4/30/1998	10/13/1999	11/9/1999	11/10/2000	4/24/2001	10/31/2003	11/18/2004	3/2/2005	9/15/2006	11/17/2006	6/7/2007	7/1/2008	5/6/2009	9/21/2009	8/10/2010	11/1/2011	12/28/2011	9/8/2015	8/21/2019
TCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	327	NS	NS	NS	NS	NS	28	18	24	25	16	6.39	NS	13	9
TCA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	224	NS	NS	NS	NS	NS	45	29	40	30	19	16	NS	9.1	8.1
DCE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	52.9	NS	NS	NS	NS	NS	6	4	5	5.4	3.8	0	NS	0	1.3
TCVOCs	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	603.9	NS	NS	NS	NS	NS	79	51	69	60.4	38.8	22.39	NS	22.1	18.4

SC-1	4/9/1990	8/7/1990	4/2/1992	11/3/1992	9/14/1993	6/8/1994	4/10/1995	8/2/1995	8/25/1995	8/7/1996	4/24/1997	7/29/1997	4/30/1998	11/9/1999	5/9/2000	5/23/2001	11/18/2004	9/15/2006	11/17/2006	2/15/2007	5/10/2007	6/11/2007	10/4/2007	4/24/2008	5/14/2008
TCE	NS	NS	NS	NS	NS	NS	NS	NS	110	NS	NS	NS	NS	NS	110	NS	NS	NS	73	100	84	88	110	88	84
TCA	NS	NS	NS	NS	NS	NS	NS	NS	64	NS	NS	NS	NS	NS	52	NS	NS	NS	27	35	30	36	33	42	32
DCE	NS	NS	NS	NS	NS	NS	NS	NS	0	NS	NS	NS	NS	NS	7.4	NS	NS	NS	4	6	4	4	5.3	6	5
TOTAL VOCs	NS	NS	NS	NS	NS	NS	NS	NS	174	NS	NS	NS	NS	NS	169.4	NS	NS	NS	104	141	118	128	148.3	136	121

NOTES:

[1] Although included in the table for completeness, 2011 data is disregarded due to QA/QC concerns and not included in overall trend analysis.

0 = Non-Detect
NS = Not Sampled and/or well did not exist at time of sample event
Analytical result concentrations are in units of ug/l (ppb)

Table 4 - Historic Data and Trends CVOCs
Modock Rd. Springs/DSL Sand Gravel Inc. Site (NYSEC Site No. 8-35-013)
Victor, New York

MW-4	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	10/4/2024	% Difference	Data Trend[1]
TCE	53	44	42	39	40	40	-75	Down
TCA	9.5	8.3	7.9	9	6.9	7.9	-93	Down
DCE	2.2	1.8	1.8	2.1	1.6	1.7	-75	Down
TCVOCs	64.7	54.1	51.7	50.1	48.5	49.6	-82	Down

MW-10	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	10/4/2024	% Difference	Data Trend[1]
TCE	0.53	0.28	0.46	0.37	0.33	0.38	-62	Down
TCA	3.6	2.6	2.6	1.5	1.6	1.5	-53.125	Down
DCE	0	0	0	0	0	0	Non Detect	Down
TCVOCs	4.13	2.88	3.06	1.87	1.93	1.88	-41.25	Down

MW-13	8/5/2020	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	10/4/2024	% Difference	Data Trend[1]
TCE	46	52	46	44	40	42	43	-93	Down
TCA	34	45	41	36	33	21	19	-96	Down
DCE	6.3	7.3	7.4	7.2	4.6	3.4	2.8	-96	Down
TCVOCs	86.3	104.3	94.4	87.2	77.6	66.4	64.8	-95	Down

MW-14	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	10/4/2024	% Difference	Data Trend[1]
TCE	61	46	47	45	40	40	-100	Down
TCA	14	10	12	10	9.2	9.9	-100	Down
DCE	1.8	1.5	1.9	1	0.97	0.96	-100	Down
TCVOCs	76.8	57.5	60.9	56	50.17	50.86	-100	Down

MW-15	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	10/4/2024	% Difference	Data Trend[1]
TCE	1.2	1.1	1.8	1.6	2	3.1	72	Up
TCA	25	22	26	12	12	12	-80	Down
DCE	4.9	4	5.5	1.9	2.1	1.9	-83	Down
TCVOCs	31.1	27.1	33.3	15.5	16.1	17	-77	Down

MW-16	8/5/2020	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	10/4/2024	% Difference	Data Trend[1]
TCE	140	160	170	130	130	120	140	-59	Down
TCA	17	20	21	17	14	14	15	-88	Down
DCE	4.1	4.3	4.9	4.1	2.5	2.9	3	-86	Down
TCVOCs	161.1	184.3	195.9	151.1	146.5	136.9	158	-67	Down

MW-17S	8/5/2020	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	10/4/2024	% Difference	Data Trend[1]
TCE	300	340	290	280	96	210	210	-91	Down
TCA	20	22	21	20	3.8	14	13	-96	Down
DCE	3.5	4.7	3.7	4.2	0.56	2.4	2.2	-96	Down
TCVOCs	323.5	366.7	314.7	304.2	100.36	226.4	225.2	-92	Down

MW-23	8/5/2020	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	10/4/2023	% Difference	Data Trend[1]
TCE	0.83	0.43	0.97	1.2	0.23	3.9	3	-94	Down
TCA	0	0	0.46	0.97	0	0.54	0.72	-94	Down
DCE	0	0	0	0	0	0.2	0	Non Detect	Down
TCVOCs	0.83	0.43	1.43	2.17	0.23	4.64	3.72	-94	Down

MW-24S	8/5/2020	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	10/4/2024	% Difference	Data Trend[1]
TCE	80	94	69	63	71	58	55	-71	Down
TCA	16	19	14	13	13	11	11	-83	Down
DCE	5.9	6.1	4.6	5.1	3.8	3.6	3.1	-66	Down
TCVOCs	101.9	119.1	87.6	81.1	87.8	72.6	69.1	-74	Down

MW-26	8/5/2020	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	10/4/2024	% Difference	Data Trend[1]
TCE	120	130	110	100	110	110	98	-18	Down
TCA	7.4	7.7	7.2	6.3	6.4	6.5	6.1	-18	Down
DCE	1.6	1.7	1.5	1.7	1.2	0.98	0.95	-41	Down
TCVOCs	129	139.4	118.7	108	117.6	117.48	105.05	-19	Down

SS&G MW-3	8/5/2020	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	10/4/2024	% Difference	Data Trend[1]
TCE	5.1	5.2	4.4	4.7	9.5	4.8	6.9	-98	Down
TCA	4.1	5.1	4.3	4.2	4.3	3.9	3.9	-98	Down
DCE	0.88	0.78	0.65	0.66	0.63	0.59	0.62	-99	Down
TCVOCs	10.08	11.08	9.35	9.56	14.43	9.29	11.42	-98	Down

SC-1	6/30/2008	9/21/2009	8/10/2010	10/31/2011	3/19/2012	11/14/2012	9/8/2015	8/22/2019	8/5/2020	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	10/4/2024	% Difference
TCE	77	91	77	56.3	76	57	50	30	34	37	31	33	30	26	27	-75
TCA	31	24	23	15.1	21	16	12	5.9	6.3	7.6	6.2	6.8	5	4.6	5	-92
DCE	4	3.2	4.1	2.17	3.1	0	0	1.2	1.6	1.9	1.6	1.7	1	0.4	0.41	na
TOTAL VOCs	112	118.2	104.1	73.57	100.1	73	62	37.1	41.9	46.5	38.8	41.5	36	31	32.41	-81

NOTES:

Appendix A
Groundwater Sampling Log (PDBs)

Modock Road Springs/DLS Sand Gravel Inc., Site
NYSDEC Site No. 8-35-013
Passive Diffusion Bag Groundwater Sampling Form
October 2024

		Field Measurements						Elevations										
Well ID	Top of PVC Elevation (ft. amsl)	Depth to Groundwater (ft. BTOC)	Measured Total Depth (ft. BTOC)	Standing Water Column (ft.)	Water Column Center (ft. BTOC)	PDB_{top} (ft. from bottom of well)	PDB_{bottom} (ft. from bottom of well)	Groundwater Elevation (ft. amsl)	Measured Total Depth (ft. amsl)	Water Column Center Elevation (ft. amsl)	PDB_{top} Elevation (ft. amsl)	PDB_{bottom} Elevation (ft. amsl)	Distance from PDB_{top} to Groundwater (ft.)	PDP Deploy Date	PDP Deploy Time	PDP Recovery Date	PDP Recovery Time	Depth to Groundwater (ft. BTOC) prior to PDB removal
MW-4	676.61	40.94	51.05	10.11	46.00	6.00	4.00	635.67	625.56	630.62	631.56	629.56	4.11	9/20/2024	1140	10/4/2024	900	41
MW-10	731.44	80.37	90.67	10.3	85.52	6.00	4.00	651.07	640.77	645.92	646.77	644.77	4.30	9/20/2024	0835	10/4/2024	0830	80.36
MW-13	781.20	65.75	74.55	8.8	70.15	5.40	3.40	715.45	706.65	711.05	712.05	710.05	3.40	9/20/2024	0950	10/4/2024	1000	65.77
MW-14	759.17	53.98	63.92	9.94	58.95	5.97	3.97	705.19	695.25	700.22	701.22	699.22	3.97	9/20/2024	0940	10/4/2024	1020	53.98
MW-15	786.44	60.64	70.11	9.47	65.38	5.73	3.73	725.8	716.33	721.07	722.06	720.06	3.74	9/20/2024	0920	10/4/2024	0950	60.67
MW-16	754.95	65.71	70.53	4.82	68.12	3.41	1.41	689.24	684.42	686.83	687.83	685.83	1.41	9/20/2024	1015	10/4/2024	1030	65.77
MW-17S	760.09	58.55	68.33	9.78	63.44	5.89	3.89	701.54	691.76	696.65	697.65	695.65	3.89	9/20/2024	1000	10/4/2024	1010	58.58
MW-23	691.42	38.50	46.21	7.71	42.36	4.86	2.86	652.92	645.21	41.11	650.07	648.07	2.85	9/20/2024	0815	10/4/2024	0815	38.67
MW-24S	722.31	66.2	74.1	7.9	70.15	4.95	2.95	656.11	648.21	652.16	653.16	651.16	2.95	9/20/2024	0850	10/4/2024	0845	66.22
MW-26	800.59	68.29	84.46	16.17	76.38	6.00	4.00	732.3	716.13	724.22	722.13	720.13	10.17	9/20/2024	1100	10/4/2024	1115	68.40
SS&G MW-3	805.43	70.73	74.85	4.12	72.79	3.06	1.06	734.7	730.58	732.64	733.64	731.64	1.06	9/20/2024	1045	10/4/2024	1100	70.81

Sampling Personnel: Jeremy Wolf / James Moore

Weather:

Notes: MW-23 Top of PVC Elevation illustrated herein includes 3/4" of well casing that was removed in October 2022 (former elevation was 692.17)
Collected MS/MSD at MW-10; Collected Blind Dup at MW-26, Dup ID: DUP100424B, Dup Time: 1230

Appendix B
Surface Water Sampling Log

Surface Water Sampling Log

Date 10/4/2024

Site Name Modock Rd. Springs/DLS Sand & Gravel, Inc. Site

Location Victor, NY

Project No. 24-053

Personnel Jeremy Wolf

Weather

Location ID SC-1

Sampling Method Teflon Dipper

Other

Sample Information:

Location of Sample SC-1 0915

Amount of Water at Surface (est.) _____ gal.(s)

Other Description:

Approximate Location Drawing:

Instrument Calibration:

pH Buffer Readings		Conductivity Standard Readings	
4.0 Standard		84 S Standard	
7.0 Standard		1413 S Standard	
10.0 Standard			

Water parameters:

	Oxidation-Reduction Potential	Temperature Readings	pH Readings	Conductivity Readings uS/cm	Turbidity Readings Ntu
initial					
initial					

Water Sample:

Time Collected 0915

Physical Appearance at Start		Physical Appearance at Sampling	
Color	Clear	Color	Clear
Odor	No	Odor	No
Turbidity (> 100 NTU)	No	Turbidity (> 100 NTU)	No
Sheen/Free Product	No	Sheen/Free Product	No

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
3 VOA			No	HCL	

Notes:

Collected Blind DUP

DUP ID: DUP100424A

Time: 1200

Collected EB

EB ID: EB100424

Time: 0910

Appendix C
Chain of Custody Form

Chain of Custody / Analytical Request Form

078131

SR#:

Page 1 of 2

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

Report To:	ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER
Company: Marks Engineering PC	Project Name: DLS / Modock Rd Springs
Contact: Jeremy Wolf	Project Number: 24-053
Email: JWolf@MarksEngineering.com	ALS Quote #:
Phone: 585-500-8392	Sampler's Signature:
Address: 4303 Route 5 & 20 Canandaigua NY 14424	Email CC:
	Email CC:
	State Samples Collected (Circle or Write): (NY) MA, PA, CT, Other:

Preservative: 1

Matrix: GW, WW, SW, DW, S, L, NA

Lab ID (ALS)	Sample Collection Information: Sample ID:	Date	Time	Matrix	Number of Containers	MS/MSD?	GC/MS VOA (8260)•624•524•TCLP	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	Notes:
	MW-23	10/4/24	0815	GW	3		3							
	MW-10 MS/MSD	10/4/24	0830	GW	3	6	9							
	MW-24S	10/4/24	0845	GW	3		3							
	MW-4	10/4/24	900	GW	3		3							
	SC-1	10/4/24	0915	GW	3		3							
	MW-15	10/4/24	0950	GW	3		3							
	MW-13	10/4/24	1000	GW	3		3							
	MW-14	10/4/24	1020	GW	3		3							
	MW-17S	10/4/24	1010	GW	3		3							
	MW-16	10/4/24	1030	GW	3		3							

0. None
1. HCl
2. HNO3
3. H2SO4
4. NAOH
5. Zn Acet.
6. MeOH
7. NaHSO4
8. Other

Special Instructions / Comments:

Turnaround Requirements

____Rush (Surcharges Apply)
Subject to Availability
Please Check with your PM
X Standard (10 Business Days)
Date Required:

Report Requirements

____Tier II/Cat A -Results/QC
X Tier IV/Cat B - Data Validation Report w/. Data
EDD: X Yes ____No
EDD Type: NYS DEC

Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)

VOA/SVOA Report List: (TCL) • BTEX • TCLP • CP-51/Stars • THM • Other: _____

Invoice To: (X Same as Report To)

PO #: 24-053
Company: Marks Engineering
Contact: Jeremy Wolf
Email: JWolf@MarksEngineering.com
Phone: 585-500-8392
Address:

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	Jeremy Wolf	Gregory O'Emerian				
Company	Marks Eng	ALS				
Date/Time	10/4/24 12:40	10/4/24 12:40				

R2409921 5
Marks Engineering, PC
DLS/Modock Road Springs

Distribution: White - Lab Copy; Yellow - Return to Originator

Chain of Custody / Analytical Request Form

078132

SR#:

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

Report To:	ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER
Company: Marks Engineering PC	Project Name: DLS/Modock Rd Springs
Contact: Jeremy Wolf	Project Number: 24-053
Email: JWolf@MarksEngineering.com	ALS Quote #:
Phone: 585-500-8392	Sampler Signature:
Address: 4303 Route 5 & 20	Email:
Canandaigua NY 14425	Email CC:
	State Samples Collected (Circle or Write): (NY) MA, PA, CT, Other:

Preservative: 1

0. None
1. (HCl)
2. HNO3
3. H2SO4
4. NAOH
5. Zn Acet.
6. MeOH
7. NaHSO4
8. Other

Lab ID (ALS)	Sample Collection Information: Sample ID:	Date	Time	Matrix (GW WW SW DW S L NA)	Number of Containers	MS/MSD?	GC/MS VOA - 8260•624•524•TCLP	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	Notes:
	SS&G MW-3	10/4/24	1100	GW	3		3							
	MW-26	10/4/24	1115	GW	3		3							
	DUP 100424 A	10/4/24	1200	GW	3		3							
	DUP 100424 B	10/4/24	1230	GW	3		3							
	EB 100424	10/4/24	0910	AW	3		3							
	VOC Trip Blank													

Special Instructions / Comments:

Turnaround Requirements

____Rush (Surcharges Apply)
Subject to Availability
Please Check with your PM
_X_ Standard (10 Business Days)
Date Required:

Report Requirements

____Tier II/Cat A -Results/QC
_X_ Tier IV/Cat B - Data Validation Report w/. Data
EDD: _X_ Yes ____No
EDD Type: NYSDEC

Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)

VOA/SVOA Report List: (TCL) BTEX • TCLP • CP-51/Stars •THM • Other: _____

Invoice To: (X Same as Report To)

PO #: 24-053
Company: Marks Engineering
Contact: JWolf@MarksEngineering.com
Email: Jeremy Wolf
585-500-8392

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	Jeremy Wolf	Gregory Fonneman				
Company	Marks Eng	ALS				
Date/Time	10/4/24	10/4/24 12:40				

R2409921 5
Marks Engineering, PC
DLS/Modock Road Springs

Distribution: White - Lab Copy; Yellow - Return to Originator

MarksEngineering

Exhibit A
Laboratory Report
(Results Only)

October 23, 2024 Service Request No:R2409921

Mr. Jeremy Wolf
Marks Engineering, PC
42 Beeman Street
Canadaigua, NY 14424

Laboratory Results for: DLS/Modock Road Springs

Dear Mr.Wolf,

Enclosed are the results of the sample(s) submitted to our laboratory October 04, 2024
For your reference, these analyses have been assigned our service request number **R2409921.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Janice Jaeger
Project Manager

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Marks Engineering, PC
Project: DLS/Modock Road Springs
Sample Matrix: Water

Service Request: R2409921
Date Received: 10/04/2024

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.
Manual Integrations may have been used in the quantitation of the results in this report. Manual Integrations are readily identified in the raw data on the Quantitation Reports (Organics) by the automatic placement of an “m” next to the sample result. For Ion Chromatography, the manual integrations are identified by the automatic placement of “manipulated” or "manually integrated" in the upper left corner of the chromatogram (Hexavalent Chromium) or “M” by the result in the “Type” column (anions). The reason for the manual integration is noted on the “after” chromatogram, which is found with the original chromatogram and quantitation report. All integrations follow the lab SOP ADM-INT “Manual Integration.”

Sample Receipt:

Sixteen water samples were received for analysis at ALS Environmental on 10/04/2024. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Volatiles by GC/MS:

Method 8260D, 10/15/2024: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260D, 10/15/2024: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260D, 10/17/2024: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260D, 10/17/2024: The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Method 8260D,R2409921-003,007:The analysis was initially performed within the recommended holding time. Reanalysis at a dilution was required. The reanalysis was performed past the recommended holding time.

Method 8260D, 10/19/2024: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260D, 10/19/2024: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260D: The analysis of one or more samples was initially attempted within holding time but was not useable due to an analytical system or QC failure. Efforts were made to reanalyze the sample(s) as soon as possible after the analytical system

Approved by _____ Date 10/23/2024

was back in control. However, the reanalysis of the sample(s) was performed past the recommended holding time. The results from the reanalysis are reported. The data is flagged to indicate the holding time exceedance.

Approved by _____ Date 10/23/2024

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Marks Engineering, PC **Service Request:**R2409921
Project: DLS/Modock Road Springs

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2409921-001	MW-23	10/4/2024	0815
R2409921-002	MW-10	10/4/2024	0830
R2409921-003	MW-24S	10/4/2024	0845
R2409921-004	MW-4	10/4/2024	0900
R2409921-005	SC-1	10/4/2024	0915
R2409921-006	MW-15	10/4/2024	0950
R2409921-007	MW-13	10/4/2024	1000
R2409921-008	MW-14	10/4/2024	1020
R2409921-009	MW-17S	10/4/2024	1010
R2409921-010	MW-16	10/4/2024	1030
R2409921-011	SS&G MW-3	10/4/2024	1100
R2409921-012	MW-26	10/4/2024	1115
R2409921-013	DUP100424 A	10/4/2024	1200
R2409921-014	DUP100424 B	10/4/2024	1230
R2409921-015	EB100424	10/4/2024	0910
R2409921-016	VOC Trip Blank	10/4/2024	

Chain of Custody / Analytical Request Form

078131

SR#:

Page 1 of 2

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

Report To:	ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER
Company: Marks Engineering PC	Project Name: DLS / Modock Rd Springs
Contact: Jeremy Wolf	Project Number: 24-053
Email: JWolf@MarksEngineering.com	ALS Quote #:
Phone: 585-500-8392	Sampler's Signature:
Address: 4303 Route 5 & 20 Canandaigua NY 14424	Email CC:
	Email CC:
	State Samples Collected (Circle or Write): (NY) MA, PA, CT, Other:

Preservative: 1

Matrix: GW, WW, SW, DW, S, L, NA

Lab ID (ALS)	Sample Collection Information: Sample ID:	Date	Time	Matrix	Number of Containers	MS/MSD?	GC/MS VOA (8260)•624•524•TCLP	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	Notes:
	MW-23	10/4/24	0815	GW	3		3							
	MW-10 MS/MSD	10/4/24	0830	GW	3	6	9							
	MW-24S	10/4/24	0845	GW	3		3							
	MW-4	10/4/24	900	GW	3		3							
	SC-1	10/4/24	0915	GW	3		3							
	MW-15	10/4/24	0950	GW	3		3							
	MW-13	10/4/24	1000	GW	3		3							
	MW-14	10/4/24	1020	GW	3		3							
	MW-17S	10/4/24	1010	GW	3		3							
	MW-16	10/4/24	1030	GW	3		3							

0. None
1. HCl
2. HNO3
3. H2SO4
4. NAOH
5. Zn Acet.
6. MeOH
7. NaHSO4
8. Other

Special Instructions / Comments:

Turnaround Requirements

____Rush (Surcharges Apply)
Subject to Availability
Please Check with your PM
X Standard (10 Business Days)
Date Required:

Report Requirements

____Tier II/Cat A -Results/QC
X Tier IV/Cat B - Data Validation Report w/. Data
EDD: X Yes ____No
EDD Type: NYS DEC

Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)

VOA/SVOA Report List: (TCL) • BTEX • TCLP • CP-51/Stars • THM • Other: _____

Invoice To: (X Same as Report To)

PO #: 24-053
Company: Marks Engineering
Contact: Jeremy Wolf
Email: JWolf@MarksEngineering.com
Phone: 585-500-8392
Address:

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	Jeremy Wolf	Gregory O'Emerian				
Company	Marks Eng	ALS				
Date/Time	10/4/24 12:40	10/4/24 12:40				

R2409921 5
Marks Engineering, PC
DLS/Modock Road Springs

Distribution: White - Lab Copy; Yellow - Return to Originator

Chain of Custody / Analytical Request Form

078132

SR#:

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

Report To:	ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER
Company: Marks Engineering PC	Project Name: DLS/Modock Rd Springs
Contact: Jeremy Wolf	Project Number: 24-053
Email: JWolf@MarksEngineering.com	ALS Quote #:
Phone: 585-500-8392	Sampler Signature:
Address: 4303 Route 5 & 20	Email:
Canandaigua NY 14425	Email CC:
	State Samples Collected (Circle or Write): (NY) MA, PA, CT, Other:

Preservative: 1

0. None
1. (HCl)
2. HNO3
3. H2SO4
4. NAOH
5. Zn Acet.
6. MeOH
7. NaHSO4
8. Other

Lab ID (ALS)	Sample Collection Information: Sample ID:	Date	Time	Matrix (GW WW SW DW S L NA)	Number of Containers	MS/MSD?	GC/MS VOA - 8260•624•524•TCLP	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	Notes:
	SS&G MW-3	10/4/24	1100	GW	3		3							
	MW-26	10/4/24	1115	GW	3		3							
	DUP 100424 A	10/4/24	1200	GW	3		3							
	DUP 100424 B	10/4/24	1230	GW	3		3							
	EB 100424	10/4/24	0910	AW	3		3							
	VOC Trip Blank													

Special Instructions / Comments:

Turnaround Requirements

____Rush (Surcharges Apply)
Subject to Availability
Please Check with your PM
_X_ Standard (10 Business Days)
Date Required:

Report Requirements

____Tier II/Cat A -Results/QC
_X_ Tier IV/Cat B - Data Validation Report w/. Data
EDD: _X_ Yes ____No
EDD Type: NYSDEC

Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)

VOA/SVOA Report List: (TCL) BTEX • TCLP • CP-51/Stars •THM • Other: _____

Invoice To: (X Same as Report To)

PO #: 24-053
Company: Marks Engineering
Contact: JWolf@MarksEngineering.com
Email: Jeremy Wolf
585-500-8392

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	Jeremy Wolf	Gregory Fonneman				
Company	Marks Eng	ALS				
Date/Time	10/4/24	10/4/24 12:40				

R2409921 5
Marks Engineering, PC
DLS/Modock Road Springs

Distribution: White - Lab Copy; Yellow - Return to Originator

R2409921 5
Marks Engineering, PC
DLS/Modock Road Springs

Cooler Receipt and Preservation Check Form

Project/Client _____ Folder Number _____

Cooler received on 10/4/24 by: RDA **COURIER:** ALS UPS FEDEX VELOCITY (CLIENT)

1	Were **Custody seals** on outside of cooler?	Y (N)	5a	Did **VOA** vials have sig* **bubbles?**	Y (N) NA
2	**Custody papers** properly completed (ink, signed)?	(Y) N	5b	Sig* bubbles: **Alk?** Y N (NA) **Sulfide?**	Y N (NA)
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N	6	Where did the bottles originate?	(ALS/ROC) CLIENT
4	Circle: **Wet Ice Dry Ice Gel packs** present?	(Y) N	7	Soil VOA received as:	Bulk Encore 5035set (NA)

8. Temperature Readings Date: 10/4/24 Time: 1240 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

Temp (°C)	11.8						
Within 0-6°C?	Y (N)	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SMO by RDA on 10/4/24 at 1248
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 10/4/24 Time: 1628 by: SES

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES (NO) no dates
10. Did all bottle labels and tags agree with custody papers? YES (NO)
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-						
		HCl	**	**	24C09230	1/27				

**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: C062424-3AXH.
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: SES. *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations[1]

NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Marks Engineering, PC **Service Request:** R2409921
Project: DLS/Modock Road Springs/

Sample Name: MW-23 **Date Collected:** 10/4/24
Lab Code: R2409921-001 **Date Received:** 10/4/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name: MW-10 **Date Collected:** 10/4/24
Lab Code: R2409921-002 **Date Received:** 10/4/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name: MW-24S **Date Collected:** 10/4/24
Lab Code: R2409921-003 **Date Received:** 10/4/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name: MW-24S **Date Collected:** 10/4/24
Lab Code: R2409921-003.R01 **Date Received:** 10/4/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name: MW-4 **Date Collected:** 10/4/24
Lab Code: R2409921-004 **Date Received:** 10/4/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Client: Marks Engineering, PC **Service Request:** R2409921
Project: DLS/Modock Road Springs/

Sample Name: SC-1 **Date Collected:** 10/4/24
Lab Code: R2409921-005 **Date Received:** 10/4/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name: MW-15 **Date Collected:** 10/4/24
Lab Code: R2409921-006 **Date Received:** 10/4/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name: MW-13 **Date Collected:** 10/4/24
Lab Code: R2409921-007 **Date Received:** 10/4/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name: MW-13 **Date Collected:** 10/4/24
Lab Code: R2409921-007.R01 **Date Received:** 10/4/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name: MW-14 **Date Collected:** 10/4/24
Lab Code: R2409921-008 **Date Received:** 10/4/24
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Client: Marks Engineering, PC
Project: DLS/Modock Road Springs/
Service Request: R2409921

Sample Name: MW-17S
Lab Code: R2409921-009
Sample Matrix: Water
Date Collected: 10/4/24
Date Received: 10/4/24

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name: MW-16
Lab Code: R2409921-010
Sample Matrix: Water
Date Collected: 10/4/24
Date Received: 10/4/24

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name: SS&G MW-3
Lab Code: R2409921-011
Sample Matrix: Water
Date Collected: 10/4/24
Date Received: 10/4/24

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name: MW-26
Lab Code: R2409921-012
Sample Matrix: Water
Date Collected: 10/4/24
Date Received: 10/4/24

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name: DUP100424 A
Lab Code: R2409921-013
Sample Matrix: Water
Date Collected: 10/4/24
Date Received: 10/4/24

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs/		

Sample Name:	DUP100424 B	**Date Collected:**	10/4/24
Lab Code:	R2409921-014	**Date Received:**	10/4/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		FNAEGLER

Sample Name:	EB100424	**Date Collected:**	10/4/24
Lab Code:	R2409921-015	**Date Received:**	10/4/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name:	VOC Trip Blank	**Date Collected:**	10/4/24
Lab Code:	R2409921-016	**Date Received:**	10/4/24
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

INORGANIC

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C or 6010D	3005A/3010A
6020A or 6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016 Amenable and Residual Cyanide	SM 4500-CN-G and SM 4500-CN-B,C-2016
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C or 6010D	3050B
6020A or 6020B	3050B
6010C or 6010D TCLP (1311) extract	3005A/3010A
6010C or 6010D SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

ORGANIC

Preparation Methods for Organic methods are listed in the header of the Results pages.

Regarding "Bulk/5035A":
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 08:15
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-23	**Units:**	ug/L
Lab Code:	R2409921-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**0.72 J**	1.0	0.20	1	10/15/24 13:43	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/15/24 13:43	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/15/24 13:43	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/15/24 13:43	
1,1-Dichloroethane (1,1-DCA)	**0.35 J**	1.0	0.20	1	10/15/24 13:43	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/15/24 13:43	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/15/24 13:43	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/15/24 13:43	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/15/24 13:43	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/15/24 13:43	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 13:43	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/15/24 13:43	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/15/24 13:43	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 13:43	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 13:43	
1,4-Dioxane	40 U	40	13	1	10/15/24 13:43	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/15/24 13:43	
2-Hexanone	5.0 U	5.0	0.20	1	10/15/24 13:43	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/15/24 13:43	
Acetone	5.0 U	5.0	5.0	1	10/15/24 13:43	
Benzene	1.0 U	1.0	0.20	1	10/15/24 13:43	
Bromochloromethane	1.0 U	1.0	0.20	1	10/15/24 13:43	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/15/24 13:43	
Bromoform	1.0 U	1.0	0.25	1	10/15/24 13:43	
Bromomethane	1.0 U	1.0	0.70	1	10/15/24 13:43	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/15/24 13:43	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/15/24 13:43	
Chlorobenzene	1.0 U	1.0	0.20	1	10/15/24 13:43	
Chloroethane	1.0 U	1.0	0.23	1	10/15/24 13:43	
Chloroform	1.0 U	1.0	0.51	1	10/15/24 13:43	
Chloromethane	1.0 U	1.0	0.80	1	10/15/24 13:43	
Cyclohexane	1.0 U	1.0	0.60	1	10/15/24 13:43	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/15/24 13:43	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/15/24 13:43	
Dichloromethane	1.0 U	1.0	0.65	1	10/15/24 13:43	
Ethylbenzene	1.0 U	1.0	0.20	1	10/15/24 13:43	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/15/24 13:43	
Methyl Acetate	2.0 U	2.0	0.87	1	10/15/24 13:43	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/15/24 13:43	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/15/24 13:43	
Styrene	1.0 U	1.0	0.20	1	10/15/24 13:43	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/15/24 13:43	
Toluene	1.0 U	1.0	0.20	1	10/15/24 13:43	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 08:15
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-23	**Units:**	ug/L
Lab Code:	R2409921-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**3.0**	1.0	0.20	1	10/15/24 13:43	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/15/24 13:43	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/15/24 13:43	
cis-1,2-Dichloroethene	**0.92 J**	1.0	0.23	1	10/15/24 13:43	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/15/24 13:43	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/15/24 13:43	
o-Xylene	1.0 U	1.0	0.20	1	10/15/24 13:43	
trans-1,2-Dichloroethene	**0.34 J**	1.0	0.20	1	10/15/24 13:43	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/15/24 13:43	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/15/24 13:43	
Dibromofluoromethane	100	80 - 116	10/15/24 13:43	
Toluene-d8	101	87 - 121	10/15/24 13:43	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 08:30
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2409921-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**1.5**	1.0	0.20	1	10/15/24 14:06	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/15/24 14:06	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/15/24 14:06	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/15/24 14:06	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,4-Dioxane	40 U	40	13	1	10/15/24 14:06	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/15/24 14:06	
2-Hexanone	5.0 U	5.0	0.20	1	10/15/24 14:06	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/15/24 14:06	
Acetone	5.0 U	5.0	5.0	1	10/15/24 14:06	
Benzene	1.0 U	1.0	0.20	1	10/15/24 14:06	
Bromochloromethane	1.0 U	1.0	0.20	1	10/15/24 14:06	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/15/24 14:06	
Bromoform	1.0 U	1.0	0.25	1	10/15/24 14:06	
Bromomethane	1.0 U	1.0	0.70	1	10/15/24 14:06	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/15/24 14:06	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/15/24 14:06	
Chlorobenzene	1.0 U	1.0	0.20	1	10/15/24 14:06	
Chloroethane	1.0 U	1.0	0.23	1	10/15/24 14:06	
Chloroform	1.0 U	1.0	0.51	1	10/15/24 14:06	
Chloromethane	1.0 U	1.0	0.80	1	10/15/24 14:06	
Cyclohexane	1.0 U	1.0	0.60	1	10/15/24 14:06	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/15/24 14:06	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/15/24 14:06	
Dichloromethane	1.0 U	1.0	0.65	1	10/15/24 14:06	
Ethylbenzene	1.0 U	1.0	0.20	1	10/15/24 14:06	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/15/24 14:06	
Methyl Acetate	2.0 U	2.0	0.87	1	10/15/24 14:06	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/15/24 14:06	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/15/24 14:06	
Styrene	1.0 U	1.0	0.20	1	10/15/24 14:06	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/15/24 14:06	
Toluene	1.0 U	1.0	0.20	1	10/15/24 14:06	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 08:30
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2409921-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**0.38**	**J**	1.0	0.20	1	10/15/24 14:06	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.24	1	10/15/24 14:06	
Vinyl Chloride	1.0	U	1.0	0.20	1	10/15/24 14:06	
cis-1,2-Dichloroethene	1.0	U	1.0	0.23	1	10/15/24 14:06	
cis-1,3-Dichloropropene	1.0	U	1.0	0.20	1	10/15/24 14:06	
m,p-Xylenes	2.0	U	2.0	0.53	1	10/15/24 14:06	
o-Xylene	1.0	U	1.0	0.20	1	10/15/24 14:06	
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	10/15/24 14:06	
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	10/15/24 14:06	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	10/15/24 14:06	
Dibromofluoromethane	100	80 - 116	10/15/24 14:06	
Toluene-d8	102	87 - 121	10/15/24 14:06	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 08:45
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-24S	**Units:**	ug/L
Lab Code:	R2409921-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**11**	1.0	0.20	1	10/19/24 00:18	*
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/19/24 00:18	*
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/19/24 00:18	*
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/19/24 00:18	*
1,1-Dichloroethane (1,1-DCA)	**1.4**	1.0	0.20	1	10/19/24 00:18	*
1,1-Dichloroethene (1,1-DCE)	**3.1**	1.0	0.20	1	10/19/24 00:18	*
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/19/24 00:18	*
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/19/24 00:18	*
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/19/24 00:18	*
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/19/24 00:18	*
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/19/24 00:18	*
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/19/24 00:18	*
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/19/24 00:18	*
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/19/24 00:18	*
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/19/24 00:18	*
1,4-Dioxane	40 U	40	13	1	10/19/24 00:18	*
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/19/24 00:18	*
2-Hexanone	5.0 U	5.0	0.20	1	10/19/24 00:18	*
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/19/24 00:18	*
Acetone	5.0 U	5.0	5.0	1	10/19/24 00:18	*
Benzene	1.0 U	1.0	0.20	1	10/19/24 00:18	*
Bromochloromethane	1.0 U	1.0	0.20	1	10/19/24 00:18	*
Bromodichloromethane	1.0 U	1.0	0.20	1	10/19/24 00:18	*
Bromoform	1.0 U	1.0	0.25	1	10/19/24 00:18	*
Bromomethane	1.0 U	1.0	0.70	1	10/19/24 00:18	*
Carbon Disulfide	1.0 U	1.0	0.42	1	10/19/24 00:18	*
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/19/24 00:18	*
Chlorobenzene	1.0 U	1.0	0.20	1	10/19/24 00:18	*
Chloroethane	1.0 U	1.0	0.23	1	10/19/24 00:18	*
Chloroform	1.0 U	1.0	0.51	1	10/19/24 00:18	*
Chloromethane	1.0 U	1.0	0.80	1	10/19/24 00:18	*
Cyclohexane	1.0 U	1.0	0.60	1	10/19/24 00:18	*
Dibromochloromethane	1.0 U	1.0	0.20	1	10/19/24 00:18	*
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/19/24 00:18	*
Dichloromethane	1.0 U	1.0	0.65	1	10/19/24 00:18	*
Ethylbenzene	1.0 U	1.0	0.20	1	10/19/24 00:18	*
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/19/24 00:18	*
Methyl Acetate	2.0 U	2.0	0.87	1	10/19/24 00:18	*
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/19/24 00:18	*
Methylcyclohexane	1.0 U	1.0	0.20	1	10/19/24 00:18	*
Styrene	1.0 U	1.0	0.20	1	10/19/24 00:18	*
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/19/24 00:18	*
Toluene	1.0 U	1.0	0.20	1	10/19/24 00:18	*

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 08:45
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-24S	**Units:**	ug/L
Lab Code:	R2409921-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**55**	1.0	0.20	1	10/19/24 00:18	*
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/19/24 00:18	*
Vinyl Chloride	1.0 U	1.0	0.20	1	10/19/24 00:18	*
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/19/24 00:18	*
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/19/24 00:18	*
m,p-Xylenes	2.0 U	2.0	0.53	1	10/19/24 00:18	*
o-Xylene	1.0 U	1.0	0.20	1	10/19/24 00:18	*
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/19/24 00:18	*
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/19/24 00:18	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/19/24 00:18	
Dibromofluoromethane	94	80 - 116	10/19/24 00:18	
Toluene-d8	98	87 - 121	10/19/24 00:18	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 08:45
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-24S	**Units:**	ug/L
Lab Code:	R2409921-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**9.4 J**	10	2.0	10	10/17/24 20:02	
1,1,2,2-Tetrachloroethane	10 U	10	2.0	10	10/17/24 20:02	
1,1,2-Trichloroethane	10 U	10	2.0	10	10/17/24 20:02	
1,1,2-Trichloro-1,2,2-trifluoroethane	10 U	10	2.0	10	10/17/24 20:02	
1,1-Dichloroethane (1,1-DCA)	10 U	10	2.0	10	10/17/24 20:02	
1,1-Dichloroethene (1,1-DCE)	**3.4 J**	10	2.0	10	10/17/24 20:02	
1,2,3-Trichlorobenzene	10 U	10	2.5	10	10/17/24 20:02	
1,2,4-Trichlorobenzene	10 U	10	3.4	10	10/17/24 20:02	
1,2-Dibromo-3-chloropropane (DBCP)	20 U	20	4.5	10	10/17/24 20:02	
1,2-Dibromoethane	10 U	10	2.0	10	10/17/24 20:02	
1,2-Dichlorobenzene	10 U	10	2.0	10	10/17/24 20:02	
1,2-Dichloroethane	10 U	10	2.0	10	10/17/24 20:02	
1,2-Dichloropropane	10 U	10	2.0	10	10/17/24 20:02	
1,3-Dichlorobenzene	10 U	10	2.0	10	10/17/24 20:02	
1,4-Dichlorobenzene	10 U	10	2.0	10	10/17/24 20:02	
1,4-Dioxane	400 U	400	130	10	10/17/24 20:02	
2-Butanone (MEK)	50 U	50	7.8	10	10/17/24 20:02	
2-Hexanone	50 U	50	2.0	10	10/17/24 20:02	
4-Methyl-2-pentanone	50 U	50	2.0	10	10/17/24 20:02	
Acetone	50 U	50	50	10	10/17/24 20:02	
Benzene	10 U	10	2.0	10	10/17/24 20:02	
Bromochloromethane	10 U	10	2.0	10	10/17/24 20:02	
Bromodichloromethane	10 U	10	2.0	10	10/17/24 20:02	
Bromoform	10 U	10	2.5	10	10/17/24 20:02	
Bromomethane	10 U	10	7.0	10	10/17/24 20:02	
Carbon Disulfide	10 U	10	4.2	10	10/17/24 20:02	
Carbon Tetrachloride	10 U	10	3.4	10	10/17/24 20:02	
Chlorobenzene	10 U	10	2.0	10	10/17/24 20:02	
Chloroethane	10 U	10	2.3	10	10/17/24 20:02	
Chloroform	10 U	10	5.1	10	10/17/24 20:02	
Chloromethane	10 U	10	8.0	10	10/17/24 20:02	
Cyclohexane	10 U	10	6.0	10	10/17/24 20:02	
Dibromochloromethane	10 U	10	2.0	10	10/17/24 20:02	
Dichlorodifluoromethane (CFC 12)	10 U	10	2.1	10	10/17/24 20:02	
Dichloromethane	10 U	10	6.5	10	10/17/24 20:02	
Ethylbenzene	10 U	10	2.0	10	10/17/24 20:02	
Isopropylbenzene (Cumene)	10 U	10	2.0	10	10/17/24 20:02	
Methyl Acetate	20 U	20	8.7	10	10/17/24 20:02	
Methyl tert-Butyl Ether	10 U	10	2.0	10	10/17/24 20:02	
Methylcyclohexane	10 U	10	2.0	10	10/17/24 20:02	
Styrene	10 U	10	2.0	10	10/17/24 20:02	
Tetrachloroethene (PCE)	10 U	10	2.1	10	10/17/24 20:02	
Toluene	10 U	10	2.0	10	10/17/24 20:02	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 08:45
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-24S	**Units:**	ug/L
Lab Code:	R2409921-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**50**	10	2.0	10	10/17/24 20:02	
Trichlorofluoromethane (CFC 11)	10 U	10	2.4	10	10/17/24 20:02	
Vinyl Chloride	10 U	10	2.0	10	10/17/24 20:02	
cis-1,2-Dichloroethene	10 U	10	2.3	10	10/17/24 20:02	
cis-1,3-Dichloropropene	10 U	10	2.0	10	10/17/24 20:02	
m,p-Xylenes	20 U	20	5.3	10	10/17/24 20:02	
o-Xylene	10 U	10	2.0	10	10/17/24 20:02	
trans-1,2-Dichloroethene	10 U	10	2.0	10	10/17/24 20:02	
trans-1,3-Dichloropropene	10 U	10	2.3	10	10/17/24 20:02	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	10/17/24 20:02	
Dibromofluoromethane	98	80 - 116	10/17/24 20:02	
Toluene-d8	104	87 - 121	10/17/24 20:02	

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 09:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R2409921-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**7.9**	1.0	0.20	1	10/17/24 20:25	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,1-Dichloroethane (1,1-DCA)	**0.66 J**	1.0	0.20	1	10/17/24 20:25	
1,1-Dichloroethene (1,1-DCE)	**1.7**	1.0	0.20	1	10/17/24 20:25	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 20:25	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 20:25	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 20:25	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,4-Dioxane	40 U	40	13	1	10/17/24 20:25	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 20:25	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 20:25	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 20:25	
Acetone	5.0 U	5.0	5.0	1	10/17/24 20:25	
Benzene	1.0 U	1.0	0.20	1	10/17/24 20:25	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 20:25	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 20:25	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 20:25	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 20:25	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 20:25	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 20:25	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 20:25	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 20:25	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 20:25	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 20:25	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 20:25	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 20:25	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 20:25	
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 20:25	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 20:25	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 20:25	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 20:25	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 20:25	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 20:25	
Styrene	1.0 U	1.0	0.20	1	10/17/24 20:25	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/17/24 20:25	
Toluene	1.0 U	1.0	0.20	1	10/17/24 20:25	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 09:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R2409921-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**40**	1.0	0.20	1	10/17/24 20:25	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 20:25	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 20:25	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 20:25	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 20:25	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 20:25	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 20:25	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 20:25	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 20:25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	10/17/24 20:25	
Dibromofluoromethane	98	80 - 116	10/17/24 20:25	
Toluene-d8	102	87 - 121	10/17/24 20:25	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 09:15
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	SC-1	**Units:**	ug/L
Lab Code:	R2409921-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**5.0**	1.0	0.20	1	10/17/24 20:47	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,1-Dichloroethane (1,1-DCA)	**0.40 J**	1.0	0.20	1	10/17/24 20:47	
1,1-Dichloroethene (1,1-DCE)	**1.1**	1.0	0.20	1	10/17/24 20:47	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 20:47	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 20:47	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 20:47	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,4-Dioxane	40 U	40	13	1	10/17/24 20:47	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 20:47	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 20:47	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 20:47	
Acetone	5.0 U	5.0	5.0	1	10/17/24 20:47	
Benzene	1.0 U	1.0	0.20	1	10/17/24 20:47	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 20:47	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 20:47	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 20:47	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 20:47	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 20:47	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 20:47	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 20:47	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 20:47	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 20:47	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 20:47	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 20:47	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 20:47	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 20:47	
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 20:47	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 20:47	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 20:47	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 20:47	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 20:47	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 20:47	
Styrene	1.0 U	1.0	0.20	1	10/17/24 20:47	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/17/24 20:47	
Toluene	1.0 U	1.0	0.20	1	10/17/24 20:47	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 09:15
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	SC-1	**Units:**	ug/L
Lab Code:	R2409921-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**27**	1.0	0.20	1	10/17/24 20:47	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 20:47	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 20:47	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 20:47	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 20:47	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 20:47	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 20:47	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 20:47	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 20:47	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	10/17/24 20:47	
Dibromofluoromethane	97	80 - 116	10/17/24 20:47	
Toluene-d8	101	87 - 121	10/17/24 20:47	

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 09:50
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-15	**Units:**	ug/L
Lab Code:	R2409921-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**12**	1.0	0.20	1	10/17/24 21:10	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,1-Dichloroethene (1,1-DCE)	**1.9**	1.0	0.20	1	10/17/24 21:10	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 21:10	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 21:10	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 21:10	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,4-Dioxane	40 U	40	13	1	10/17/24 21:10	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 21:10	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 21:10	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 21:10	
Acetone	5.0 U	5.0	5.0	1	10/17/24 21:10	
Benzene	1.0 U	1.0	0.20	1	10/17/24 21:10	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 21:10	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 21:10	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 21:10	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 21:10	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 21:10	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 21:10	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 21:10	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 21:10	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 21:10	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 21:10	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 21:10	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 21:10	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 21:10	
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 21:10	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 21:10	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 21:10	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 21:10	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 21:10	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 21:10	
Styrene	1.0 U	1.0	0.20	1	10/17/24 21:10	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/17/24 21:10	
Toluene	1.0 U	1.0	0.20	1	10/17/24 21:10	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 09:50
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-15	**Units:**	ug/L
Lab Code:	R2409921-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**3.1**	1.0	0.20	1	10/17/24 21:10	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 21:10	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 21:10	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 21:10	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 21:10	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 21:10	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 21:10	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 21:10	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 21:10	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	10/17/24 21:10	
Dibromofluoromethane	97	80 - 116	10/17/24 21:10	
Toluene-d8	101	87 - 121	10/17/24 21:10	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2409921-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**19**	1.0	0.20	1	10/19/24 00:41	*
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/19/24 00:41	*
1,1-Dichloroethene (1,1-DCE)	**2.8**	1.0	0.20	1	10/19/24 00:41	*
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/19/24 00:41	*
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/19/24 00:41	*
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/19/24 00:41	*
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
1,4-Dioxane	40 U	40	13	1	10/19/24 00:41	*
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/19/24 00:41	*
2-Hexanone	5.0 U	5.0	0.20	1	10/19/24 00:41	*
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/19/24 00:41	*
Acetone	5.0 U	5.0	5.0	1	10/19/24 00:41	*
Benzene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Bromochloromethane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Bromodichloromethane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Bromoform	1.0 U	1.0	0.25	1	10/19/24 00:41	*
Bromomethane	1.0 U	1.0	0.70	1	10/19/24 00:41	*
Carbon Disulfide	1.0 U	1.0	0.42	1	10/19/24 00:41	*
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/19/24 00:41	*
Chlorobenzene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Chloroethane	1.0 U	1.0	0.23	1	10/19/24 00:41	*
Chloroform	1.0 U	1.0	0.51	1	10/19/24 00:41	*
Chloromethane	1.0 U	1.0	0.80	1	10/19/24 00:41	*
Cyclohexane	1.0 U	1.0	0.60	1	10/19/24 00:41	*
Dibromochloromethane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/19/24 00:41	*
Dichloromethane	1.0 U	1.0	0.65	1	10/19/24 00:41	*
Ethylbenzene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Methyl Acetate	2.0 U	2.0	0.87	1	10/19/24 00:41	*
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Methylcyclohexane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Styrene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Tetrachloroethene (PCE)	**0.42 J**	1.0	0.21	1	10/19/24 00:41	*
Toluene	1.0 U	1.0	0.20	1	10/19/24 00:41	*

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2409921-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**43**	1.0	0.20	1	10/19/24 00:41	*
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/19/24 00:41	*
Vinyl Chloride	1.0 U	1.0	0.20	1	10/19/24 00:41	*
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/19/24 00:41	*
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
m,p-Xylenes	2.0 U	2.0	0.53	1	10/19/24 00:41	*
o-Xylene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/19/24 00:41	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	10/19/24 00:41	
Dibromofluoromethane	100	80 - 116	10/19/24 00:41	
Toluene-d8	103	87 - 121	10/19/24 00:41	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2409921-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**18**	10	2.0	10	10/17/24 21:33	
1,1,2,2-Tetrachloroethane	10 U	10	2.0	10	10/17/24 21:33	
1,1,2-Trichloroethane	10 U	10	2.0	10	10/17/24 21:33	
1,1,2-Trichloro-1,2,2-trifluoroethane	10 U	10	2.0	10	10/17/24 21:33	
1,1-Dichloroethane (1,1-DCA)	10 U	10	2.0	10	10/17/24 21:33	
1,1-Dichloroethene (1,1-DCE)	**2.3 J**	10	2.0	10	10/17/24 21:33	
1,2,3-Trichlorobenzene	10 U	10	2.5	10	10/17/24 21:33	
1,2,4-Trichlorobenzene	10 U	10	3.4	10	10/17/24 21:33	
1,2-Dibromo-3-chloropropane (DBCP)	20 U	20	4.5	10	10/17/24 21:33	
1,2-Dibromoethane	10 U	10	2.0	10	10/17/24 21:33	
1,2-Dichlorobenzene	10 U	10	2.0	10	10/17/24 21:33	
1,2-Dichloroethane	10 U	10	2.0	10	10/17/24 21:33	
1,2-Dichloropropane	10 U	10	2.0	10	10/17/24 21:33	
1,3-Dichlorobenzene	10 U	10	2.0	10	10/17/24 21:33	
1,4-Dichlorobenzene	10 U	10	2.0	10	10/17/24 21:33	
1,4-Dioxane	400 U	400	130	10	10/17/24 21:33	
2-Butanone (MEK)	50 U	50	7.8	10	10/17/24 21:33	
2-Hexanone	50 U	50	2.0	10	10/17/24 21:33	
4-Methyl-2-pentanone	50 U	50	2.0	10	10/17/24 21:33	
Acetone	50 U	50	50	10	10/17/24 21:33	
Benzene	10 U	10	2.0	10	10/17/24 21:33	
Bromochloromethane	10 U	10	2.0	10	10/17/24 21:33	
Bromodichloromethane	10 U	10	2.0	10	10/17/24 21:33	
Bromoform	10 U	10	2.5	10	10/17/24 21:33	
Bromomethane	10 U	10	7.0	10	10/17/24 21:33	
Carbon Disulfide	10 U	10	4.2	10	10/17/24 21:33	
Carbon Tetrachloride	10 U	10	3.4	10	10/17/24 21:33	
Chlorobenzene	10 U	10	2.0	10	10/17/24 21:33	
Chloroethane	10 U	10	2.3	10	10/17/24 21:33	
Chloroform	10 U	10	5.1	10	10/17/24 21:33	
Chloromethane	10 U	10	8.0	10	10/17/24 21:33	
Cyclohexane	10 U	10	6.0	10	10/17/24 21:33	
Dibromochloromethane	10 U	10	2.0	10	10/17/24 21:33	
Dichlorodifluoromethane (CFC 12)	10 U	10	2.1	10	10/17/24 21:33	
Dichloromethane	10 U	10	6.5	10	10/17/24 21:33	
Ethylbenzene	10 U	10	2.0	10	10/17/24 21:33	
Isopropylbenzene (Cumene)	10 U	10	2.0	10	10/17/24 21:33	
Methyl Acetate	20 U	20	8.7	10	10/17/24 21:33	
Methyl tert-Butyl Ether	10 U	10	2.0	10	10/17/24 21:33	
Methylcyclohexane	10 U	10	2.0	10	10/17/24 21:33	
Styrene	10 U	10	2.0	10	10/17/24 21:33	
Tetrachloroethene (PCE)	10 U	10	2.1	10	10/17/24 21:33	
Toluene	10 U	10	2.0	10	10/17/24 21:33	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2409921-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**36**	10	2.0	10	10/17/24 21:33	
Trichlorofluoromethane (CFC 11)	10 U	10	2.4	10	10/17/24 21:33	
Vinyl Chloride	10 U	10	2.0	10	10/17/24 21:33	
cis-1,2-Dichloroethene	10 U	10	2.3	10	10/17/24 21:33	
cis-1,3-Dichloropropene	10 U	10	2.0	10	10/17/24 21:33	
m,p-Xylenes	20 U	20	5.3	10	10/17/24 21:33	
o-Xylene	10 U	10	2.0	10	10/17/24 21:33	
trans-1,2-Dichloroethene	10 U	10	2.0	10	10/17/24 21:33	
trans-1,3-Dichloropropene	10 U	10	2.3	10	10/17/24 21:33	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/17/24 21:33	
Dibromofluoromethane	91	80 - 116	10/17/24 21:33	
Toluene-d8	96	87 - 121	10/17/24 21:33	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:20
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-14	**Units:**	ug/L
Lab Code:	R2409921-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**9.9**	1.0	0.20	1	10/17/24 21:55	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,1-Dichloroethene (1,1-DCE)	**0.96 J**	1.0	0.20	1	10/17/24 21:55	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 21:55	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 21:55	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 21:55	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,4-Dioxane	40 U	40	13	1	10/17/24 21:55	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 21:55	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 21:55	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 21:55	
Acetone	5.0 U	5.0	5.0	1	10/17/24 21:55	
Benzene	1.0 U	1.0	0.20	1	10/17/24 21:55	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 21:55	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 21:55	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 21:55	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 21:55	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 21:55	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 21:55	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 21:55	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 21:55	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 21:55	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 21:55	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 21:55	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 21:55	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 21:55	
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 21:55	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 21:55	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 21:55	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 21:55	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 21:55	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 21:55	
Styrene	1.0 U	1.0	0.20	1	10/17/24 21:55	
Tetrachloroethene (PCE)	**0.57 J**	1.0	0.21	1	10/17/24 21:55	
Toluene	1.0 U	1.0	0.20	1	10/17/24 21:55	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:20
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-14	**Units:**	ug/L
Lab Code:	R2409921-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**40**	1.0	0.20	1	10/17/24 21:55	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 21:55	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 21:55	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 21:55	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 21:55	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 21:55	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 21:55	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 21:55	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 21:55	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/17/24 21:55	
Dibromofluoromethane	96	80 - 116	10/17/24 21:55	
Toluene-d8	100	87 - 121	10/17/24 21:55	

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:10
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-17S	**Units:**	ug/L
Lab Code:	R2409921-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**13**	2.0	0.40	2	10/17/24 23:26	
1,1,2,2-Tetrachloroethane	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,1,2-Trichloroethane	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,1-Dichloroethane (1,1-DCA)	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,1-Dichloroethene (1,1-DCE)	**2.2**	2.0	0.40	2	10/17/24 23:26	
1,2,3-Trichlorobenzene	2.0 U	2.0	0.50	2	10/17/24 23:26	
1,2,4-Trichlorobenzene	2.0 U	2.0	0.68	2	10/17/24 23:26	
1,2-Dibromo-3-chloropropane (DBCP)	4.0 U	4.0	0.90	2	10/17/24 23:26	
1,2-Dibromoethane	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,2-Dichlorobenzene	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,2-Dichloroethane	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,2-Dichloropropane	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,3-Dichlorobenzene	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,4-Dichlorobenzene	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,4-Dioxane	80 U	80	26	2	10/17/24 23:26	
2-Butanone (MEK)	10 U	10	1.6	2	10/17/24 23:26	
2-Hexanone	10 U	10	0.40	2	10/17/24 23:26	
4-Methyl-2-pentanone	10 U	10	0.40	2	10/17/24 23:26	
Acetone	10 U	10	10	2	10/17/24 23:26	
Benzene	2.0 U	2.0	0.40	2	10/17/24 23:26	
Bromochloromethane	2.0 U	2.0	0.40	2	10/17/24 23:26	
Bromodichloromethane	2.0 U	2.0	0.40	2	10/17/24 23:26	
Bromoform	2.0 U	2.0	0.50	2	10/17/24 23:26	
Bromomethane	2.0 U	2.0	1.4	2	10/17/24 23:26	
Carbon Disulfide	2.0 U	2.0	0.84	2	10/17/24 23:26	
Carbon Tetrachloride	2.0 U	2.0	0.68	2	10/17/24 23:26	
Chlorobenzene	2.0 U	2.0	0.40	2	10/17/24 23:26	
Chloroethane	2.0 U	2.0	0.46	2	10/17/24 23:26	
Chloroform	2.0 U	2.0	1.1	2	10/17/24 23:26	
Chloromethane	2.0 U	2.0	1.6	2	10/17/24 23:26	
Cyclohexane	2.0 U	2.0	1.2	2	10/17/24 23:26	
Dibromochloromethane	2.0 U	2.0	0.40	2	10/17/24 23:26	
Dichlorodifluoromethane (CFC 12)	2.0 U	2.0	0.42	2	10/17/24 23:26	
Dichloromethane	2.0 U	2.0	1.3	2	10/17/24 23:26	
Ethylbenzene	2.0 U	2.0	0.40	2	10/17/24 23:26	
Isopropylbenzene (Cumene)	2.0 U	2.0	0.40	2	10/17/24 23:26	
Methyl Acetate	4.0 U	4.0	1.8	2	10/17/24 23:26	
Methyl tert-Butyl Ether	2.0 U	2.0	0.40	2	10/17/24 23:26	
Methylcyclohexane	2.0 U	2.0	0.40	2	10/17/24 23:26	
Styrene	2.0 U	2.0	0.40	2	10/17/24 23:26	
Tetrachloroethene (PCE)	**0.82 J**	2.0	0.42	2	10/17/24 23:26	
Toluene	2.0 U	2.0	0.40	2	10/17/24 23:26	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:10
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-17S	**Units:**	ug/L
Lab Code:	R2409921-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**210**	2.0	0.40	2	10/17/24 23:26	
Trichlorofluoromethane (CFC 11)	2.0 U	2.0	0.48	2	10/17/24 23:26	
Vinyl Chloride	2.0 U	2.0	0.40	2	10/17/24 23:26	
cis-1,2-Dichloroethene	2.0 U	2.0	0.46	2	10/17/24 23:26	
cis-1,3-Dichloropropene	2.0 U	2.0	0.40	2	10/17/24 23:26	
m,p-Xylenes	4.0 U	4.0	1.1	2	10/17/24 23:26	
o-Xylene	2.0 U	2.0	0.40	2	10/17/24 23:26	
trans-1,2-Dichloroethene	2.0 U	2.0	0.40	2	10/17/24 23:26	
trans-1,3-Dichloropropene	2.0 U	2.0	0.46	2	10/17/24 23:26	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	10/17/24 23:26	
Dibromofluoromethane	95	80 - 116	10/17/24 23:26	
Toluene-d8	101	87 - 121	10/17/24 23:26	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:30
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-16	**Units:**	ug/L
Lab Code:	R2409921-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**15**	1.0	0.20	1	10/17/24 23:49	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.77 J**	1.0	0.20	1	10/17/24 23:49	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,1-Dichloroethene (1,1-DCE)	**3.0**	1.0	0.20	1	10/17/24 23:49	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 23:49	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 23:49	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 23:49	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,4-Dioxane	40 U	40	13	1	10/17/24 23:49	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 23:49	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 23:49	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 23:49	
Acetone	5.0 U	5.0	5.0	1	10/17/24 23:49	
Benzene	1.0 U	1.0	0.20	1	10/17/24 23:49	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 23:49	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 23:49	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 23:49	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 23:49	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 23:49	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 23:49	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 23:49	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 23:49	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 23:49	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 23:49	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 23:49	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 23:49	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 23:49	
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 23:49	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 23:49	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 23:49	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 23:49	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 23:49	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 23:49	
Styrene	1.0 U	1.0	0.20	1	10/17/24 23:49	
Tetrachloroethene (PCE)	**0.45 J**	1.0	0.21	1	10/17/24 23:49	
Toluene	1.0 U	1.0	0.20	1	10/17/24 23:49	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:30
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-16	**Units:**	ug/L
Lab Code:	R2409921-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**140**	1.0	0.20	1	10/17/24 23:49	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 23:49	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 23:49	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 23:49	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 23:49	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 23:49	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 23:49	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 23:49	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 23:49	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/17/24 23:49	
Dibromofluoromethane	97	80 - 116	10/17/24 23:49	
Toluene-d8	101	87 - 121	10/17/24 23:49	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 11:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	SS&G MW-3	**Units:**	ug/L
Lab Code:	R2409921-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**3.9**	1.0	0.20	1	10/17/24 22:18	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,1-Dichloroethene (1,1-DCE)	**0.62 J**	1.0	0.20	1	10/17/24 22:18	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 22:18	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 22:18	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 22:18	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,4-Dioxane	40 U	40	13	1	10/17/24 22:18	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 22:18	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 22:18	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 22:18	
Acetone	5.0 U	5.0	5.0	1	10/17/24 22:18	
Benzene	1.0 U	1.0	0.20	1	10/17/24 22:18	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 22:18	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 22:18	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 22:18	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 22:18	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 22:18	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 22:18	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 22:18	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 22:18	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 22:18	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 22:18	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 22:18	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 22:18	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 22:18	
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 22:18	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 22:18	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 22:18	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 22:18	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 22:18	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 22:18	
Styrene	1.0 U	1.0	0.20	1	10/17/24 22:18	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/17/24 22:18	
Toluene	1.0 U	1.0	0.20	1	10/17/24 22:18	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 11:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	SS&G MW-3	**Units:**	ug/L
Lab Code:	R2409921-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**6.9**	1.0	0.20	1	10/17/24 22:18	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 22:18	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 22:18	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 22:18	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 22:18	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 22:18	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 22:18	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 22:18	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 22:18	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/17/24 22:18	
Dibromofluoromethane	93	80 - 116	10/17/24 22:18	
Toluene-d8	98	87 - 121	10/17/24 22:18	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 11:15
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-26	**Units:**	ug/L
Lab Code:	R2409921-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**6.1**	1.0	0.20	1	10/18/24 00:12	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.95 J**	1.0	0.20	1	10/18/24 00:12	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,1-Dichloroethene (1,1-DCE)	**1.2**	1.0	0.20	1	10/18/24 00:12	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/18/24 00:12	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/18/24 00:12	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/18/24 00:12	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,4-Dioxane	40 U	40	13	1	10/18/24 00:12	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/18/24 00:12	
2-Hexanone	5.0 U	5.0	0.20	1	10/18/24 00:12	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/18/24 00:12	
Acetone	5.0 U	5.0	5.0	1	10/18/24 00:12	
Benzene	1.0 U	1.0	0.20	1	10/18/24 00:12	
Bromochloromethane	1.0 U	1.0	0.20	1	10/18/24 00:12	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/18/24 00:12	
Bromoform	1.0 U	1.0	0.25	1	10/18/24 00:12	
Bromomethane	1.0 U	1.0	0.70	1	10/18/24 00:12	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/18/24 00:12	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/18/24 00:12	
Chlorobenzene	1.0 U	1.0	0.20	1	10/18/24 00:12	
Chloroethane	1.0 U	1.0	0.23	1	10/18/24 00:12	
Chloroform	1.0 U	1.0	0.51	1	10/18/24 00:12	
Chloromethane	1.0 U	1.0	0.80	1	10/18/24 00:12	
Cyclohexane	1.0 U	1.0	0.60	1	10/18/24 00:12	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/18/24 00:12	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/18/24 00:12	
Dichloromethane	1.0 U	1.0	0.65	1	10/18/24 00:12	
Ethylbenzene	1.0 U	1.0	0.20	1	10/18/24 00:12	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/18/24 00:12	
Methyl Acetate	2.0 U	2.0	0.87	1	10/18/24 00:12	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/18/24 00:12	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/18/24 00:12	
Styrene	1.0 U	1.0	0.20	1	10/18/24 00:12	
Tetrachloroethene (PCE)	**1.7**	1.0	0.21	1	10/18/24 00:12	
Toluene	1.0 U	1.0	0.20	1	10/18/24 00:12	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 11:15
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-26	**Units:**	ug/L
Lab Code:	R2409921-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**98**	1.0	0.20	1	10/18/24 00:12	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/18/24 00:12	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/18/24 00:12	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/18/24 00:12	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/18/24 00:12	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/18/24 00:12	
o-Xylene	1.0 U	1.0	0.20	1	10/18/24 00:12	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/18/24 00:12	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/18/24 00:12	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/18/24 00:12	
Dibromofluoromethane	97	80 - 116	10/18/24 00:12	
Toluene-d8	101	87 - 121	10/18/24 00:12	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 12:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	DUP100424 A	**Units:**	ug/L
Lab Code:	R2409921-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**4.9**	1.0	0.20	1	10/17/24 22:41	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,1-Dichloroethane (1,1-DCA)	**0.41 J**	1.0	0.20	1	10/17/24 22:41	
1,1-Dichloroethene (1,1-DCE)	**1.1**	1.0	0.20	1	10/17/24 22:41	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 22:41	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 22:41	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 22:41	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,4-Dioxane	40 U	40	13	1	10/17/24 22:41	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 22:41	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 22:41	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 22:41	
Acetone	5.0 U	5.0	5.0	1	10/17/24 22:41	
Benzene	1.0 U	1.0	0.20	1	10/17/24 22:41	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 22:41	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 22:41	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 22:41	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 22:41	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 22:41	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 22:41	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 22:41	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 22:41	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 22:41	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 22:41	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 22:41	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 22:41	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 22:41	
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 22:41	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 22:41	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 22:41	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 22:41	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 22:41	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 22:41	
Styrene	1.0 U	1.0	0.20	1	10/17/24 22:41	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/17/24 22:41	
Toluene	1.0 U	1.0	0.20	1	10/17/24 22:41	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 12:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	DUP100424 A	**Units:**	ug/L
Lab Code:	R2409921-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**28**	1.0	0.20	1	10/17/24 22:41	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 22:41	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 22:41	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 22:41	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 22:41	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 22:41	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 22:41	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 22:41	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 22:41	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	10/17/24 22:41	
Dibromofluoromethane	100	80 - 116	10/17/24 22:41	
Toluene-d8	103	87 - 121	10/17/24 22:41	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 12:30
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	DUP100424 B	**Units:**	ug/L
Lab Code:	R2409921-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**6.5**	1.0	0.20	1	10/17/24 23:03	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.1**	1.0	0.20	1	10/17/24 23:03	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,1-Dichloroethene (1,1-DCE)	**1.2**	1.0	0.20	1	10/17/24 23:03	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 23:03	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 23:03	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 23:03	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,4-Dioxane	40 U	40	13	1	10/17/24 23:03	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 23:03	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 23:03	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 23:03	
Acetone	5.0 U	5.0	5.0	1	10/17/24 23:03	
Benzene	1.0 U	1.0	0.20	1	10/17/24 23:03	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 23:03	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 23:03	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 23:03	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 23:03	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 23:03	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 23:03	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 23:03	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 23:03	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 23:03	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 23:03	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 23:03	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 23:03	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 23:03	
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 23:03	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 23:03	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 23:03	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 23:03	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 23:03	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 23:03	
Styrene	1.0 U	1.0	0.20	1	10/17/24 23:03	
Tetrachloroethene (PCE)	**2.4**	1.0	0.21	1	10/17/24 23:03	
Toluene	1.0 U	1.0	0.20	1	10/17/24 23:03	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 12:30
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	DUP100424 B	**Units:**	ug/L
Lab Code:	R2409921-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**120**	1.0	0.20	1	10/17/24 23:03	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 23:03	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 23:03	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 23:03	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 23:03	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 23:03	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 23:03	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 23:03	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 23:03	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	10/17/24 23:03	
Dibromofluoromethane	101	80 - 116	10/17/24 23:03	
Toluene-d8	105	87 - 121	10/17/24 23:03	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 09:10
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	EB100424	**Units:**	ug/L
Lab Code:	R2409921-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/15/24 13:20	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/15/24 13:20	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/15/24 13:20	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,4-Dioxane	40 U	40	13	1	10/15/24 13:20	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/15/24 13:20	
2-Hexanone	5.0 U	5.0	0.20	1	10/15/24 13:20	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/15/24 13:20	
Acetone	5.0 U	5.0	5.0	1	10/15/24 13:20	
Benzene	1.0 U	1.0	0.20	1	10/15/24 13:20	
Bromochloromethane	1.0 U	1.0	0.20	1	10/15/24 13:20	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/15/24 13:20	
Bromoform	1.0 U	1.0	0.25	1	10/15/24 13:20	
Bromomethane	1.0 U	1.0	0.70	1	10/15/24 13:20	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/15/24 13:20	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/15/24 13:20	
Chlorobenzene	1.0 U	1.0	0.20	1	10/15/24 13:20	
Chloroethane	1.0 U	1.0	0.23	1	10/15/24 13:20	
Chloroform	1.0 U	1.0	0.51	1	10/15/24 13:20	
Chloromethane	1.0 U	1.0	0.80	1	10/15/24 13:20	
Cyclohexane	1.0 U	1.0	0.60	1	10/15/24 13:20	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/15/24 13:20	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/15/24 13:20	
Dichloromethane	1.0 U	1.0	0.65	1	10/15/24 13:20	
Ethylbenzene	1.0 U	1.0	0.20	1	10/15/24 13:20	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/15/24 13:20	
Methyl Acetate	2.0 U	2.0	0.87	1	10/15/24 13:20	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/15/24 13:20	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/15/24 13:20	
Styrene	1.0 U	1.0	0.20	1	10/15/24 13:20	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/15/24 13:20	
Toluene	1.0 U	1.0	0.20	1	10/15/24 13:20	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 09:10
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	EB100424	**Units:**	ug/L
Lab Code:	R2409921-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/15/24 13:20	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/15/24 13:20	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/15/24 13:20	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/15/24 13:20	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/15/24 13:20	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/15/24 13:20	
o-Xylene	1.0 U	1.0	0.20	1	10/15/24 13:20	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/15/24 13:20	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/15/24 13:20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	10/15/24 13:20	
Dibromofluoromethane	99	80 - 116	10/15/24 13:20	
Toluene-d8	101	87 - 121	10/15/24 13:20	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	VOC Trip Blank	**Units:**	ug/L
Lab Code:	R2409921-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/15/24 12:57	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/15/24 12:57	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/15/24 12:57	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,4-Dichlorobenzene	**1.1**	1.0	0.20	1	10/15/24 12:57	
1,4-Dioxane	40 U	40	13	1	10/15/24 12:57	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/15/24 12:57	
2-Hexanone	5.0 U	5.0	0.20	1	10/15/24 12:57	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/15/24 12:57	
Acetone	5.0 U	5.0	5.0	1	10/15/24 12:57	
Benzene	1.0 U	1.0	0.20	1	10/15/24 12:57	
Bromochloromethane	1.0 U	1.0	0.20	1	10/15/24 12:57	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/15/24 12:57	
Bromoform	1.0 U	1.0	0.25	1	10/15/24 12:57	
Bromomethane	1.0 U	1.0	0.70	1	10/15/24 12:57	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/15/24 12:57	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/15/24 12:57	
Chlorobenzene	1.0 U	1.0	0.20	1	10/15/24 12:57	
Chloroethane	1.0 U	1.0	0.23	1	10/15/24 12:57	
Chloroform	1.0 U	1.0	0.51	1	10/15/24 12:57	
Chloromethane	1.0 U	1.0	0.80	1	10/15/24 12:57	
Cyclohexane	1.0 U	1.0	0.60	1	10/15/24 12:57	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/15/24 12:57	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/15/24 12:57	
Dichloromethane	1.0 U	1.0	0.65	1	10/15/24 12:57	
Ethylbenzene	1.0 U	1.0	0.20	1	10/15/24 12:57	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/15/24 12:57	
Methyl Acetate	2.0 U	2.0	0.87	1	10/15/24 12:57	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/15/24 12:57	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/15/24 12:57	
Styrene	1.0 U	1.0	0.20	1	10/15/24 12:57	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/15/24 12:57	
Toluene	**2.0**	1.0	0.20	1	10/15/24 12:57	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	VOC Trip Blank	**Units:**	ug/L
Lab Code:	R2409921-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/15/24 12:57	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/15/24 12:57	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/15/24 12:57	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/15/24 12:57	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/15/24 12:57	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/15/24 12:57	
o-Xylene	1.0 U	1.0	0.20	1	10/15/24 12:57	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/15/24 12:57	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/15/24 12:57	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	10/15/24 12:57	
Dibromofluoromethane	101	80 - 116	10/15/24 12:57	
Toluene-d8	102	87 - 121	10/15/24 12:57	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Marks Engineering, PC **Service Request:** R2409921
Project: DLS/Modock Road Springs
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
MW-23	R2409921-001	94	100	101
MW-10	R2409921-002	101	100	102
MW-24S	R2409921-003	96	94	98
MW-24S RE	R2409921-003	99	98	104
MW-4	R2409921-004	100	98	102
SC-1	R2409921-005	99	97	101
MW-15	R2409921-006	98	97	101
MW-13	R2409921-007	100	100	103
MW-13 RE	R2409921-007	94	91	96
MW-14	R2409921-008	95	96	100
MW-17S	R2409921-009	99	95	101
MW-16	R2409921-010	97	97	101
SS&G MW-3	R2409921-011	95	93	98
MW-26	R2409921-012	97	97	101
DUP100424 A	R2409921-013	101	100	103
DUP100424 B	R2409921-014	102	101	105
EB100424	R2409921-015	99	99	101
VOC Trip Blank	R2409921-016	100	101	102
Lab Control Sample	RQ2413029-02	99	104	101
Method Blank	RQ2413029-03	96	99	100
Lab Control Sample	RQ2413236-02	101	101	103
Method Blank	RQ2413236-03	100	95	101
MW-10 MS	RQ2413236-04	102	100	102
MW-10 DMS	RQ2413236-05	101	101	101
Lab Control Sample	RQ2413294-02	94	95	96
Method Blank	RQ2413294-03	92	93	98

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24
Sample Matrix:	Water	**Date Received:**	10/04/24
		Date Analyzed:	10/18/24
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2409921-002	**Basis:**	NA
Analysis Method:	8260D		
Prep Method:	EPA 5030C		

		Matrix Spike RQ2413236-04			Duplicate Matrix Spike RQ2413236-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	1.5	54.3	50.0	106	56.0	50.0	109	74-127	3	30
1,1,2,2-Tetrachloroethane	1.0 U	44.5	50.0	89	46.2	50.0	92	72-122	4	30
1,1,2-Trichloroethane	1.0 U	47.4	50.0	95	48.5	50.0	97	82-121	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	53.6	50.0	107	54.2	50.0	108	50-147	1	30
1,1-Dichloroethane (1,1-DCA)	1.0 U	52.2	50.0	104	54.0	50.0	108	74-132	3	30
1,1-Dichloroethene (1,1-DCE)	1.0 U	53.3	50.0	107	55.4	50.0	111	71-118	4	30
1,2,3-Trichlorobenzene	1.0 U	46.7	50.0	93	48.0	50.0	96	59-129	3	30
1,2,4-Trichlorobenzene	1.0 U	48.4	50.0	97	50.2	50.0	100	69-122	4	30
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	38.5	50.0	77	40.6	50.0	81	37-150	5	30
1,2-Dibromoethane	1.0 U	43.3	50.0	87	47.1	50.0	94	67-127	8	30
1,2-Dichlorobenzene	1.0 U	48.3	50.0	97	49.8	50.0	100	77-120	3	30
1,2-Dichloroethane	1.0 U	49.8	50.0	100	52.3	50.0	105	68-130	5	30
1,2-Dichloropropane	1.0 U	47.9	50.0	96	50.2	50.0	100	79-124	5	30
1,3-Dichlorobenzene	1.0 U	49.0	50.0	98	49.5	50.0	99	83-121	<1	30
1,4-Dichlorobenzene	1.0 U	47.6	50.0	95	49.5	50.0	99	82-120	4	30
1,4-Dioxane	40 U	821	1000	82	851	1000	85	44-154	4	30
2-Butanone (MEK)	5.0 U	39.1	50.0	78	42.4	50.0	85	61-137	8	30
2-Hexanone	5.0 U	41.0	50.0	82	43.9	50.0	88	56-132	7	30
4-Methyl-2-pentanone	5.0 U	41.6	50.0	83	45.3	50.0	91	60-141	9	30
Acetone	5.0 U	35.8	50.0	72	38.7	50.0	77	35-183	8	30
Benzene	1.0 U	50.7	50.0	101	52.0	50.0	104	76-129	3	30
Bromochloromethane	1.0 U	48.1	50.0	96	49.2	50.0	98	80-122	2	30
Bromodichloromethane	1.0 U	46.9	50.0	94	48.7	50.0	97	78-133	4	30
Bromoform	1.0 U	40.9	50.0	82	44.6	50.0	89	58-133	9	30
Bromomethane	1.0 U	50.0	50.0	100	52.8	50.0	106	10-184	5	30
Carbon Disulfide	1.0 U	47.9	50.0	96	48.6	50.0	97	59-140	1	30
Carbon Tetrachloride	1.0 U	49.9	50.0	100	52.8	50.0	106	65-135	6	30
Chlorobenzene	1.0 U	47.9	50.0	96	50.2	50.0	100	76-125	5	30
Chloroethane	1.0 U	46.9	50.0	94	46.6	50.0	93	48-146	<1	30
Chloroform	1.0 U	50.7	50.0	101	51.5	50.0	103	75-130	2	30
Chloromethane	1.0 U	57.2	50.0	114	57.6	50.0	115	55-160	<1	30
Cyclohexane	1.0 U	53.2	50.0	106	55.0	50.0	110	52-145	3	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24
Sample Matrix:	Water	**Date Received:**	10/04/24
		Date Analyzed:	10/18/24
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2409921-002	**Basis:**	NA
Analysis Method:	8260D		
Prep Method:	EPA 5030C		

		Matrix Spike RQ2413236-04			Duplicate Matrix Spike RQ2413236-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Dibromochloromethane	1.0 U	44.1	50.0	88	46.3	50.0	93	72-128	5	30
Dichlorodifluoromethane (CFC 12)	1.0 U	74.9	50.0	150	76.4	50.0	153	49-154	2	30
Dichloromethane	1.0 U	51.3	50.0	103	53.3	50.0	107	73-122	4	30
Ethylbenzene	1.0 U	49.7	50.0	99	53.3	50.0	107	72-134	7	30
Isopropylbenzene (Cumene)	1.0 U	53.6	50.0	107	55.9	50.0	112	77-128	4	30
Methyl Acetate	2.0 U	33.1	50.0	66	35.3	50.0	71	26-121	6	30
Methyl tert-Butyl Ether	1.0 U	48.1	50.0	96	49.9	50.0	100	75-119	4	30
Methylcyclohexane	1.0 U	51.0	50.0	102	52.3	50.0	105	45-146	2	30
Styrene	1.0 U	48.5	50.0	97	51.2	50.0	102	74-136	6	30
Tetrachloroethene (PCE)	1.0 U	49.0	50.0	98	50.8	50.0	102	72-125	4	30
Toluene	1.0 U	50.8	50.0	102	52.3	50.0	105	79-119	3	30
Trichloroethene (TCE)	0.38 J	48.9	50.0	97	51.6	50.0	103	74-122	5	30
Trichlorofluoromethane (CFC 11)	1.0 U	56.1	50.0	112	57.6	50.0	115	71-136	3	30
Vinyl Chloride	1.0 U	56.1	50.0	112	57.8	50.0	116	74-159	3	30
cis-1,2-Dichloroethene	1.0 U	54.9	50.0	110	55.4	50.0	111	77-127	1	30
cis-1,3-Dichloropropene	1.0 U	46.9	50.0	94	48.9	50.0	98	52-134	4	30
m,p-Xylenes	2.0 U	102	100	102	106	100	106	80-126	4	30
o-Xylene	1.0 U	49.7	50.0	99	51.7	50.0	103	79-123	4	30
trans-1,2-Dichloroethene	1.0 U	48.8	50.0	98	50.7	50.0	101	73-118	4	30
trans-1,3-Dichloropropene	1.0 U	47.7	50.0	95	50.4	50.0	101	71-133	6	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2413029-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/15/24 11:53	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/15/24 11:53	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/15/24 11:53	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/15/24 11:53	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/15/24 11:53	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/15/24 11:53	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/15/24 11:53	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/15/24 11:53	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/15/24 11:53	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/15/24 11:53	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 11:53	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/15/24 11:53	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/15/24 11:53	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 11:53	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 11:53	
1,4-Dioxane	40 U	40	13	1	10/15/24 11:53	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/15/24 11:53	
2-Hexanone	5.0 U	5.0	0.20	1	10/15/24 11:53	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/15/24 11:53	
Acetone	5.0 U	5.0	5.0	1	10/15/24 11:53	
Benzene	1.0 U	1.0	0.20	1	10/15/24 11:53	
Bromochloromethane	1.0 U	1.0	0.20	1	10/15/24 11:53	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/15/24 11:53	
Bromoform	1.0 U	1.0	0.25	1	10/15/24 11:53	
Bromomethane	1.0 U	1.0	0.70	1	10/15/24 11:53	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/15/24 11:53	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/15/24 11:53	
Chlorobenzene	1.0 U	1.0	0.20	1	10/15/24 11:53	
Chloroethane	1.0 U	1.0	0.23	1	10/15/24 11:53	
Chloroform	1.0 U	1.0	0.51	1	10/15/24 11:53	
Chloromethane	1.0 U	1.0	0.80	1	10/15/24 11:53	
Cyclohexane	1.0 U	1.0	0.60	1	10/15/24 11:53	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/15/24 11:53	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/15/24 11:53	
Dichloromethane	1.0 U	1.0	0.65	1	10/15/24 11:53	
Ethylbenzene	1.0 U	1.0	0.20	1	10/15/24 11:53	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/15/24 11:53	
Methyl Acetate	2.0 U	2.0	0.87	1	10/15/24 11:53	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/15/24 11:53	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/15/24 11:53	
Styrene	1.0 U	1.0	0.20	1	10/15/24 11:53	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/15/24 11:53	
Toluene	1.0 U	1.0	0.20	1	10/15/24 11:53	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2413029-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/15/24 11:53	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/15/24 11:53	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/15/24 11:53	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/15/24 11:53	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/15/24 11:53	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/15/24 11:53	
o-Xylene	1.0 U	1.0	0.20	1	10/15/24 11:53	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/15/24 11:53	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/15/24 11:53	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/15/24 11:53	
Dibromofluoromethane	99	80 - 116	10/15/24 11:53	
Toluene-d8	100	87 - 121	10/15/24 11:53	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2413236-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/17/24 16:37	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 16:37	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 16:37	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/17/24 16:37	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/17/24 16:37	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/17/24 16:37	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 16:37	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 16:37	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 16:37	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 16:37	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 16:37	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 16:37	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 16:37	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 16:37	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 16:37	
1,4-Dioxane	40 U	40	13	1	10/17/24 16:37	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 16:37	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 16:37	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 16:37	
Acetone	5.0 U	5.0	5.0	1	10/17/24 16:37	
Benzene	1.0 U	1.0	0.20	1	10/17/24 16:37	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 16:37	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 16:37	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 16:37	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 16:37	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 16:37	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 16:37	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 16:37	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 16:37	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 16:37	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 16:37	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 16:37	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 16:37	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 16:37	
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 16:37	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 16:37	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 16:37	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 16:37	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 16:37	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 16:37	
Styrene	1.0 U	1.0	0.20	1	10/17/24 16:37	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/17/24 16:37	
Toluene	1.0 U	1.0	0.20	1	10/17/24 16:37	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2413236-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/17/24 16:37	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 16:37	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 16:37	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 16:37	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 16:37	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 16:37	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 16:37	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 16:37	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 16:37	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	10/17/24 16:37	
Dibromofluoromethane	95	80 - 116	10/17/24 16:37	
Toluene-d8	101	87 - 121	10/17/24 16:37	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2413294-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/18/24 23:10	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/18/24 23:10	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/18/24 23:10	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/18/24 23:10	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/18/24 23:10	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/18/24 23:10	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/18/24 23:10	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/18/24 23:10	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/18/24 23:10	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/18/24 23:10	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/18/24 23:10	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/18/24 23:10	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/18/24 23:10	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/18/24 23:10	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/18/24 23:10	
1,4-Dioxane	40 U	40	13	1	10/18/24 23:10	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/18/24 23:10	
2-Hexanone	5.0 U	5.0	0.20	1	10/18/24 23:10	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/18/24 23:10	
Acetone	5.0 U	5.0	5.0	1	10/18/24 23:10	
Benzene	1.0 U	1.0	0.20	1	10/18/24 23:10	
Bromochloromethane	1.0 U	1.0	0.20	1	10/18/24 23:10	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/18/24 23:10	
Bromoform	1.0 U	1.0	0.25	1	10/18/24 23:10	
Bromomethane	1.0 U	1.0	0.70	1	10/18/24 23:10	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/18/24 23:10	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/18/24 23:10	
Chlorobenzene	1.0 U	1.0	0.20	1	10/18/24 23:10	
Chloroethane	1.0 U	1.0	0.23	1	10/18/24 23:10	
Chloroform	1.0 U	1.0	0.51	1	10/18/24 23:10	
Chloromethane	1.0 U	1.0	0.80	1	10/18/24 23:10	
Cyclohexane	1.0 U	1.0	0.60	1	10/18/24 23:10	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/18/24 23:10	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/18/24 23:10	
Dichloromethane	1.0 U	1.0	0.65	1	10/18/24 23:10	
Ethylbenzene	1.0 U	1.0	0.20	1	10/18/24 23:10	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/18/24 23:10	
Methyl Acetate	2.0 U	2.0	0.87	1	10/18/24 23:10	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/18/24 23:10	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/18/24 23:10	
Styrene	1.0 U	1.0	0.20	1	10/18/24 23:10	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/18/24 23:10	
Toluene	1.0 U	1.0	0.20	1	10/18/24 23:10	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2413294-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/18/24 23:10	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/18/24 23:10	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/18/24 23:10	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/18/24 23:10	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/18/24 23:10	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/18/24 23:10	
o-Xylene	1.0 U	1.0	0.20	1	10/18/24 23:10	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/18/24 23:10	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/18/24 23:10	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	10/18/24 23:10	
Dibromofluoromethane	93	80 - 116	10/18/24 23:10	
Toluene-d8	98	87 - 121	10/18/24 23:10	

Client: Marks Engineering, PC
Project: DLS/Modock Road Springs
Sample Matrix: Water

Service Request: R2409921
Date Analyzed: 10/15/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2413029-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	18.5	20.0	93	75-125
1,1,2,2-Tetrachloroethane	8260D	16.6	20.0	83	78-126
1,1,2-Trichloroethane	8260D	19.1	20.0	95	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260D	19.1	20.0	95	67-124
1,1-Dichloroethane (1,1-DCA)	8260D	19.0	20.0	95	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	20.7	20.0	104	71-118
1,2,3-Trichlorobenzene	8260D	19.3	20.0	97	67-136
1,2,4-Trichlorobenzene	8260D	19.2	20.0	96	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260D	15.3	20.0	77	55-136
1,2-Dibromoethane	8260D	17.8	20.0	89	82-127
1,2-Dichlorobenzene	8260D	19.2	20.0	96	80-119
1,2-Dichloroethane	8260D	19.3	20.0	97	71-127
1,2-Dichloropropane	8260D	18.7	20.0	94	80-119
1,3-Dichlorobenzene	8260D	19.4	20.0	97	83-121
1,4-Dichlorobenzene	8260D	18.9	20.0	94	79-119
1,4-Dioxane	8260D	328	400	82	44-154
2-Butanone (MEK)	8260D	15.1	20.0	75	61-137
2-Hexanone	8260D	15.0	20.0	75	63-124
4-Methyl-2-pentanone	8260D	16.3	20.0	82	66-124
Acetone	8260D	15.2	20.0	76	40-161
Benzene	8260D	18.8	20.0	94	79-119
Bromochloromethane	8260D	20.0	20.0	100	81-126
Bromodichloromethane	8260D	18.0	20.0	90	81-123
Bromoform	8260D	17.8	20.0	89	65-146
Bromomethane	8260D	25.4	20.0	127	42-166
Carbon Disulfide	8260D	16.8	20.0	84	66-128
Carbon Tetrachloride	8260D	18.7	20.0	94	70-127
Chlorobenzene	8260D	18.0	20.0	90	80-121
Chloroethane	8260D	20.8	20.0	104	62-131
Chloroform	8260D	19.0	20.0	95	79-120
Chloromethane	8260D	21.6	20.0	108	61-143
Cyclohexane	8260D	17.6	20.0	88	69-120
Dibromochloromethane	8260D	17.4	20.0	87	72-128

Client: Marks Engineering, PC
Project: DLS/Modock Road Springs
Sample Matrix: Water

Service Request: R2409921
Date Analyzed: 10/15/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2413029-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260D	28.0	20.0	140	59-155
Dichloromethane	8260D	20.0	20.0	100	73-122
Ethylbenzene	8260D	18.8	20.0	94	76-120
Isopropylbenzene (Cumene)	8260D	19.6	20.0	98	77-128
Methyl Acetate	8260D	15.1	20.0	75	44-93
Methyl tert-Butyl Ether	8260D	18.4	20.0	92	75-118
Methylcyclohexane	8260D	18.2	20.0	91	51-129
Styrene	8260D	18.5	20.0	92	80-124
Tetrachloroethene (PCE)	8260D	18.5	20.0	93	72-125
Toluene	8260D	18.6	20.0	93	79-119
Trichloroethene (TCE)	8260D	18.8	20.0	94	74-122
Trichlorofluoromethane (CFC 11)	8260D	20.4	20.0	102	71-136
Vinyl Chloride	8260D	22.5	20.0	112	74-159
cis-1,2-Dichloroethene	8260D	20.4	20.0	102	80-121
cis-1,3-Dichloropropene	8260D	18.4	20.0	92	77-122
m,p-Xylenes	8260D	37.1	40.0	93	80-126
o-Xylene	8260D	18.4	20.0	92	79-123
trans-1,2-Dichloroethene	8260D	17.1	20.0	85	73-118
trans-1,3-Dichloropropene	8260D	19.2	20.0	96	71-133

Client: Marks Engineering, PC
Project: DLS/Modock Road Springs
Sample Matrix: Water

Service Request: R2409921
Date Analyzed: 10/17/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2413236-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	21.0	20.0	105	75-125
1,1,2,2-Tetrachloroethane	8260D	17.7	20.0	89	78-126
1,1,2-Trichloroethane	8260D	20.2	20.0	101	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260D	21.6	20.0	108	67-124
1,1-Dichloroethane (1,1-DCA)	8260D	21.6	20.0	108	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	21.4	20.0	107	71-118
1,2,3-Trichlorobenzene	8260D	20.4	20.0	102	67-136
1,2,4-Trichlorobenzene	8260D	21.6	20.0	108	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260D	14.6	20.0	73	55-136
1,2-Dibromoethane	8260D	18.5	20.0	93	82-127
1,2-Dichlorobenzene	8260D	20.4	20.0	102	80-119
1,2-Dichloroethane	8260D	21.6	20.0	108	71-127
1,2-Dichloropropane	8260D	19.7	20.0	98	80-119
1,3-Dichlorobenzene	8260D	21.0	20.0	105	83-121
1,4-Dichlorobenzene	8260D	20.7	20.0	103	79-119
1,4-Dioxane	8260D	316	400	79	44-154
2-Butanone (MEK)	8260D	16.0	20.0	80	61-137
2-Hexanone	8260D	15.0	20.0	75	63-124
4-Methyl-2-pentanone	8260D	16.0	20.0	80	66-124
Acetone	8260D	12.4	20.0	62	40-161
Benzene	8260D	21.4	20.0	107	79-119
Bromochloromethane	8260D	20.8	20.0	104	81-126
Bromodichloromethane	8260D	19.9	20.0	99	81-123
Bromoform	8260D	17.5	20.0	87	65-146
Bromomethane	8260D	22.5	20.0	112	42-166
Carbon Disulfide	8260D	18.4	20.0	92	66-128
Carbon Tetrachloride	8260D	20.5	20.0	103	70-127
Chlorobenzene	8260D	20.2	20.0	101	80-121
Chloroethane	8260D	17.9	20.0	89	62-131
Chloroform	8260D	21.1	20.0	106	79-120
Chloromethane	8260D	23.6	20.0	118	61-143
Cyclohexane	8260D	22.2	20.0	111	69-120
Dibromochloromethane	8260D	18.5	20.0	92	72-128

Client: Marks Engineering, PC
Project: DLS/Modock Road Springs
Sample Matrix: Water

Service Request: R2409921
Date Analyzed: 10/17/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2413236-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260D	32.1	20.0	161 *	59-155
Dichloromethane	8260D	22.3	20.0	111	73-122
Ethylbenzene	8260D	20.7	20.0	103	76-120
Isopropylbenzene (Cumene)	8260D	21.9	20.0	109	77-128
Methyl Acetate	8260D	14.8	20.0	74	44-93
Methyl tert-Butyl Ether	8260D	20.2	20.0	101	75-118
Methylcyclohexane	8260D	22.4	20.0	112	51-129
Styrene	8260D	20.6	20.0	103	80-124
Tetrachloroethene (PCE)	8260D	21.0	20.0	105	72-125
Toluene	8260D	21.6	20.0	108	79-119
Trichloroethene (TCE)	8260D	21.0	20.0	105	74-122
Trichlorofluoromethane (CFC 11)	8260D	22.6	20.0	113	71-136
Vinyl Chloride	8260D	22.7	20.0	114	74-159
cis-1,2-Dichloroethene	8260D	23.5	20.0	118	80-121
cis-1,3-Dichloropropene	8260D	20.2	20.0	101	77-122
m,p-Xylenes	8260D	43.0	40.0	107	80-126
o-Xylene	8260D	20.3	20.0	101	79-123
trans-1,2-Dichloroethene	8260D	20.2	20.0	101	73-118
trans-1,3-Dichloropropene	8260D	21.1	20.0	106	71-133

Client: Marks Engineering, PC
Project: DLS/Modock Road Springs
Sample Matrix: Water

Service Request: R2409921
Date Analyzed: 10/18/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2413294-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	18.5	20.0	92	75-125
1,1,2,2-Tetrachloroethane	8260D	17.7	20.0	88	78-126
1,1,2-Trichloroethane	8260D	18.3	20.0	91	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260D	19.1	20.0	95	67-124
1,1-Dichloroethane (1,1-DCA)	8260D	19.4	20.0	97	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	19.3	20.0	96	71-118
1,2,3-Trichlorobenzene	8260D	18.7	20.0	94	67-136
1,2,4-Trichlorobenzene	8260D	18.4	20.0	92	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260D	13.8	20.0	69	55-136
1,2-Dibromoethane	8260D	17.4	20.0	87	82-127
1,2-Dichlorobenzene	8260D	19.1	20.0	95	80-119
1,2-Dichloroethane	8260D	19.8	20.0	99	71-127
1,2-Dichloropropane	8260D	18.4	20.0	92	80-119
1,3-Dichlorobenzene	8260D	19.0	20.0	95	83-121
1,4-Dichlorobenzene	8260D	18.3	20.0	92	79-119
1,4-Dioxane	8260D	312	400	78	44-154
2-Butanone (MEK)	8260D	15.4	20.0	77	61-137
2-Hexanone	8260D	15.4	20.0	77	63-124
4-Methyl-2-pentanone	8260D	16.3	20.0	81	66-124
Acetone	8260D	13.7	20.0	68	40-161
Benzene	8260D	19.9	20.0	99	79-119
Bromochloromethane	8260D	18.6	20.0	93	81-126
Bromodichloromethane	8260D	18.4	20.0	92	81-123
Bromoform	8260D	16.3	20.0	81	65-146
Bromomethane	8260D	20.7	20.0	104	42-166
Carbon Disulfide	8260D	16.7	20.0	83	66-128
Carbon Tetrachloride	8260D	18.0	20.0	90	70-127
Chlorobenzene	8260D	19.0	20.0	95	80-121
Chloroethane	8260D	16.4	20.0	82	62-131
Chloroform	8260D	19.3	20.0	96	79-120
Chloromethane	8260D	21.5	20.0	108	61-143
Cyclohexane	8260D	20.9	20.0	105	69-120
Dibromochloromethane	8260D	17.0	20.0	85	72-128

Client: Marks Engineering, PC
Project: DLS/Modock Road Springs
Sample Matrix: Water

Service Request: R2409921
Date Analyzed: 10/18/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2413294-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260D	26.6	20.0	133	59-155
Dichloromethane	8260D	20.1	20.0	100	73-122
Ethylbenzene	8260D	19.1	20.0	96	76-120
Isopropylbenzene (Cumene)	8260D	19.9	20.0	99	77-128
Methyl Acetate	8260D	14.2	20.0	71	44-93
Methyl tert-Butyl Ether	8260D	19.0	20.0	95	75-118
Methylcyclohexane	8260D	18.8	20.0	94	51-129
Styrene	8260D	19.1	20.0	95	80-124
Tetrachloroethene (PCE)	8260D	18.9	20.0	95	72-125
Toluene	8260D	19.3	20.0	96	79-119
Trichloroethene (TCE)	8260D	19.4	20.0	97	74-122
Trichlorofluoromethane (CFC 11)	8260D	19.8	20.0	99	71-136
Vinyl Chloride	8260D	20.6	20.0	103	74-159
cis-1,2-Dichloroethene	8260D	20.9	20.0	105	80-121
cis-1,3-Dichloropropene	8260D	18.5	20.0	93	77-122
m,p-Xylenes	8260D	38.6	40.0	97	80-126
o-Xylene	8260D	18.7	20.0	93	79-123
trans-1,2-Dichloroethene	8260D	18.5	20.0	92	73-118
trans-1,3-Dichloropropene	8260D	18.8	20.0	94	71-133

Exhibit B

Laboratory Report

(Full Category B Packages)

(Provided Electronically)

Exhibit C
Data Usability Summary Report
(DUSR)

DATA USABILITY SUMMARY REPORT (DUSR)

Site: DLS/Modock Road Springs
Victor, NY
Project #: 23-053

SDG: R2409921
15 Water Samples and 1 Trip Blank

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 R2409921 Marks Engineering DLS/Modock Road Springs

The data associated with this Sample Delivery Group (SDG), analyzed by ALS Environmental Rochester, NY 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: 10/29/2024

Michael K. Perry
Chemist

1.0 SUMMARY

SITE:	DLS/Modock Road Springs Victor, NY Project No. 24-053
SAMPLING DATE:	October 04, 2024
SAMPLE TYPE:	15 water samples and 1 trip blank
LABORATORY:	ALS Environmental Rochester, NY
SDG No.:	R2409921

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 sixteen water samples collected on October 04, 2024. These samples were analyzed for 8260C Volatile Organic Compounds.

All laboratory analyses were performed by ALS Environmental, Rochester, NY and analyzed as SDG R2409921. 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 R2409921, sixteen samples were analyzed and results were reported for 848 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 MW-24S and MW-13 were reanalyzed at a smaller dilution to improve the reporting limits. However the re-analysis was performed outside the 14 day holding time so all data is qualified as estimated but usable. Both the undiluted and diluted analytical results were reported.

Table 6-1 8260C

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
MW-24S RE MW-13 RE	All analytes	UJ non-detects J detects	Samples were reanalyzed outside of holding time	Data are estimated
MW-23 MW-10 EB100424 VOC Trip Blank	Acetone Bromomethane	UJ non-detects J detects	CCV % D > QC limit	Data are estimated
MW-24S MW-4 SC-1 MW-15 MW-13 MW-14 MW-17S MW-16 SS&G MW-3 MW-26 DUP100424 A DUP100424 B	DBCP Acetone Dichlorodifluoromethane	UJ non-detects J detects	ICV % D and/or CCV % D > QC limit	Data are estimated
MW-24S RE MW-13 RE	DBCP Acetone Dichlorodifluoromethane	UJ non-detects J detects	ICV % D and/or CCV % D > QC limit	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

October 23, 2024 Service Request No:R2409921

Mr. Jeremy Wolf
Marks Engineering, PC
42 Beeman Street
Canadaigua, NY 14424

Laboratory Results for: DLS/Modock Road Springs

Dear Mr.Wolf,

Enclosed are the results of the sample(s) submitted to our laboratory October 04, 2024
For your reference, these analyses have been assigned our service request number **R2409921.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Janice Jaeger
Project Manager

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Client: Marks Engineering, PC
Project: DLS/Modock Road Springs
Sample Matrix: Water

Service Request: R2409921
Date Received: 10/04/2024

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.
Manual Integrations may have been used in the quantitation of the results in this report. Manual Integrations are readily identified in the raw data on the Quantitation Reports (Organics) by the automatic placement of an “m” next to the sample result. For Ion Chromatography, the manual integrations are identified by the automatic placement of “manipulated” or "manually integrated" in the upper left corner of the chromatogram (Hexavalent Chromium) or “M” by the result in the “Type” column (anions). The reason for the manual integration is noted on the “after” chromatogram, which is found with the original chromatogram and quantitation report. All integrations follow the lab SOP ADM-INT “Manual Integration.”

Sample Receipt:

Sixteen water samples were received for analysis at ALS Environmental on 10/04/2024. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Volatiles by GC/MS:

Method 8260D, 10/15/2024: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260D, 10/15/2024: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260D, 10/17/2024: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260D, 10/17/2024: The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Method 8260D,R2409921-003,007:The analysis was initially performed within the recommended holding time. Reanalysis at a dilution was required. The reanalysis was performed past the recommended holding time.

Method 8260D, 10/19/2024: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260D, 10/19/2024: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260D: The analysis of one or more samples was initially attempted within holding time but was not useable due to an analytical system or QC failure. Efforts were made to reanalyze the sample(s) as soon as possible after the analytical system

Approved by _____ Date 10/23/2024

was back in control. However, the reanalysis of the sample(s) was performed past the recommended holding time. The results from the reanalysis are reported. The data is flagged to indicate the holding time exceedance.

Approved by _____ Date 10/23/2024

Client: Marks Engineering, PC **Service Request:**R2409921

Project: DLS/Modock Road Springs

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2409921-001	MW-23	10/4/2024	0815
R2409921-002	MW-10	10/4/2024	0830
R2409921-003	MW-24S	10/4/2024	0845
R2409921-004	MW-4	10/4/2024	0900
R2409921-005	SC-1	10/4/2024	0915
R2409921-006	MW-15	10/4/2024	0950
R2409921-007	MW-13	10/4/2024	1000
R2409921-008	MW-14	10/4/2024	1020
R2409921-009	MW-17S	10/4/2024	1010
R2409921-010	MW-16	10/4/2024	1030
R2409921-011	SS&G MW-3	10/4/2024	1100
R2409921-012	MW-26	10/4/2024	1115
R2409921-013	DUP100424 A	10/4/2024	1200
R2409921-014	DUP100424 B	10/4/2024	1230
R2409921-015	EB100424	10/4/2024	0910
R2409921-016	VOC Trip Blank	10/4/2024	

Chain of Custody / Analytical Request Form

078131

SR#:

Page 1 of 2

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

Report To:	ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER
Company: Marks Engineering PC	Project Name: DLS / Modock Rd Springs
Contact: Jeremy Wolf	Project Number: 24-053
Email: JWolf@MarksEngineering.com	ALS Quote #:
Phone: 585-500-8392	Sampler's Signature:
Address: 4303 Route 5 & 20	Email CC:
Canandaigua NY 14424	Email CC:
	State Samples Collected (Circle or Write): (NY) MA, PA, CT, Other:

Preservative: 1

Matrix: GW, WW, SW, DW, S, L, NA

0. None
1. HCl
2. HNO3
3. H2SO4
4. NAOH
5. Zn Acet.
6. MeOH
7. NaHSO4
8. Other

Lab ID (ALS)	Sample ID:	Date	Time	Matrix	Number of Containers	MS/MSD?	GC/MS VOA (8260) • 624 • 524 • TCLP	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	Notes:
	MW-23	10/4/24	0815	GW	3		3							
	MW-10 MS/MSD	10/4/24	0830	GW	3	6	9							
	MW-24S	10/4/24	0845	GW	3		3							
	MW-4	10/4/24	900	GW	3		3							
	SC-1	10/4/24	0915	GW	3		3							
	MW-15	10/4/24	0950	GW	3		3							
	MW-13	10/4/24	1000	GW	3		3							
	MW-14	10/4/24	1020	GW	3		3							
	MW-17S	10/4/24	1010	GW	3		3							
	MW-16	10/4/24	1030	GW	3		3							

Special Instructions / Comments:

Turnaround Requirements

____Rush (Surcharges Apply)
Subject to Availability
Please Check with your PM
X Standard (10 Business Days)
Date Required:

Report Requirements

____Tier II/Cat A -Results/QC
X Tier IV/Cat B - Data Validation Report w/. Data
EDD: X Yes ____No
EDD Type: NYS DEC

Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)

VOA/SVOA Report List: (TCL) • BTEX • TCLP • CP-51/Stars • THM • Other: _____

Invoice To: (X Same as Report To)

PO #: 24-053
Company: Marks Engineering
Contact: Jeremy Wolf
Email: JWolf@MarksEngineering.com
Phone: 585-500-8392
Address:

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	Jeremy Wolf	Gregory O'Esmerian				
Company	Marks Eng	ALS				
Date/Time	10/4/24 12:40	10/4/24 12:40				

R2409921 5
Marks Engineering, PC
DLS/Modock Road Springs

Distribution: White - Lab Copy; Yellow - Return to Originator

Chain of Custody / Analytical Request Form

078132

SR#:

Page 2 of 2

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

Report To:	ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER
Company: Marks Engineering PC	Project Name: DLS/Modock Rd Springs
Contact: Jeremy Wolf	Project Number: 24-053
Email: JWolf@MarksEngineering.com	ALS Quote #:
Phone: 585-500-8392	Sampler Signature:
Address: 4303 Route 5 & 20	Email:
Canandaigua NY 14425	Email CC:
	State Samples Collected (Circle or Write): (NY) MA, PA, CT, Other:

Preservative: I

Lab ID (ALS)	Sample Collection Information: Sample ID:	Date	Time	Matrix (GW WW SW DW S L NA)	Number of Containers	MS/MSD?	GC/MS VOA - 8260 • 624 • 524 • TCLP	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	Notes:
	SS&G MW-3	10/4/24	1100	GW	3		3							
	MW-26	10/4/24	1115	GW	3		3							
	DUP 100424 A	10/4/24	1200	GW	3		3							
	DUP 100424 B	10/4/24	1230	GW	3		3							
	EB 100424	10/4/24	0910	GW	3		3							
	VOC Trip Blank													

0. None
1. HCl
2. HNO3
3. H2SO4
4. NAOH
5. Zn Acet.
6. MeOH
7. NaHSO4
8. Other

Special Instructions / Comments:

Turnaround Requirements

____Rush (Surcharges Apply)
Subject to Availability
Please Check with your PM
X Standard (10 Business Days)
Date Required:

Report Requirements

____Tier II/Cat A -Results/QC
X Tier IV/Cat B - Data Validation Report w/. Data
EDD: X Yes ____No
EDD Type: NYSDEC

Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)

VOA/SVOA Report List: (TCL) BTEX • TCLP • CP-51/Stars •THM • Other: _____

Invoice To: (X Same as Report To)

PO #: 24-053
Company: Marks Engineering
Contact: JWolf@MarksEngineering.com
Email: Jeremy Wolf
Phone: 585-500-8392

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	Jeremy Wolf	Gregory Formerian				
Company	Marks Eng	ALS				
Date/Time	10/4/24	10/4/24 12:40				

R2409921
Marks Engineering, PC
DLS/Modock Road Springs
5

Distribution: White - Lab Copy; Yellow - Return to Originator

R2409921 5
Marks Engineering, PC
DLS/Modock Road Springs

Cooler Receipt and Preservation Check Form

Project/Client _____ Folder Number _____

Cooler received on 10/4/24 by: RDA COURIER: ALS UPS FEDEX VELOCITY (CLIENT)

1	Were **Custody seals** on outside of cooler?	Y (N)	5a	Did **VOA** vials have sig* **bubbles?**		Y (N) NA
2	**Custody papers** properly completed (ink, signed)?	(Y) N	5b	Sig* bubbles: **Alk?**	Y N (NA)	**Sulfide?** Y N (NA)
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N	6	Where did the bottles originate?		(ALS/ROC) CLIENT
4	Circle: **Wet Ice Dry Ice Gel packs** present?	(Y) N	7	Soil VOA received as:	Bulk Encore 5035set	(NA)

8. Temperature Readings Date: 10/4/24 Time: 1240 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

Temp (°C)	11.8						
Within 0-6°C?	Y (N)	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SMO by RDA on 10/4/24 at 1248
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 10/4/24 Time: 1628 by: SES

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES (NO) no dates
10. Did all bottle labels and tags agree with custody papers? YES (NO)
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).				-- -- --	
		$Na_2S_2O_3$								
		ZnAcetate	-	-			**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).			
		HCl	**	**	24009230	4/27				

Bottle lot numbers: CA0242.4-3AXH.
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: SES. *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 08:15
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-23	**Units:**	ug/L
Lab Code:	R2409921-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**0.72**	**J**	1.0	0.20	1	10/15/24 13:43	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.20	1	10/15/24 13:43	
1,1,2-Trichloroethane	1.0	U	1.0	0.20	1	10/15/24 13:43	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.20	1	10/15/24 13:43	
1,1-Dichloroethane (1,1-DCA)	**0.35**	**J**	1.0	0.20	1	10/15/24 13:43	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.20	1	10/15/24 13:43	
1,2,3-Trichlorobenzene	1.0	U	1.0	0.25	1	10/15/24 13:43	
1,2,4-Trichlorobenzene	1.0	U	1.0	0.34	1	10/15/24 13:43	
1,2-Dibromo-3-chloropropane (DBCP)	2.0	U	2.0	0.45	1	10/15/24 13:43	
1,2-Dibromoethane	1.0	U	1.0	0.20	1	10/15/24 13:43	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	10/15/24 13:43	
1,2-Dichloroethane	1.0	U	1.0	0.20	1	10/15/24 13:43	
1,2-Dichloropropane	1.0	U	1.0	0.20	1	10/15/24 13:43	
1,3-Dichlorobenzene	1.0	U	1.0	0.20	1	10/15/24 13:43	
1,4-Dichlorobenzene	1.0	U	1.0	0.20	1	10/15/24 13:43	
1,4-Dioxane	40	U	40	13	1	10/15/24 13:43	
2-Butanone (MEK)	5.0	U	5.0	0.78	1	10/15/24 13:43	
2-Hexanone	5.0	U	5.0	0.20	1	10/15/24 13:43	
4-Methyl-2-pentanone	5.0	U	5.0	0.20	1	10/15/24 13:43	
Acetone	5.0	U	5.0	5.0	1	10/15/24 13:43	UJ
Benzene	1.0	U	1.0	0.20	1	10/15/24 13:43	
Bromochloromethane	1.0	U	1.0	0.20	1	10/15/24 13:43	
Bromodichloromethane	1.0	U	1.0	0.20	1	10/15/24 13:43	
Bromoform	1.0	U	1.0	0.25	1	10/15/24 13:43	
Bromomethane	1.0	U	1.0	0.70	1	10/15/24 13:43	UJ
Carbon Disulfide	1.0	U	1.0	0.42	1	10/15/24 13:43	
Carbon Tetrachloride	1.0	U	1.0	0.34	1	10/15/24 13:43	
Chlorobenzene	1.0	U	1.0	0.20	1	10/15/24 13:43	
Chloroethane	1.0	U	1.0	0.23	1	10/15/24 13:43	
Chloroform	1.0	U	1.0	0.51	1	10/15/24 13:43	
Chloromethane	1.0	U	1.0	0.80	1	10/15/24 13:43	
Cyclohexane	1.0	U	1.0	0.60	1	10/15/24 13:43	
Dibromochloromethane	1.0	U	1.0	0.20	1	10/15/24 13:43	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.21	1	10/15/24 13:43	
Dichloromethane	1.0	U	1.0	0.65	1	10/15/24 13:43	
Ethylbenzene	1.0	U	1.0	0.20	1	10/15/24 13:43	
Isopropylbenzene (Cumene)	1.0	U	1.0	0.20	1	10/15/24 13:43	
Methyl Acetate	2.0	U	2.0	0.87	1	10/15/24 13:43	
Methyl tert-Butyl Ether	1.0	U	1.0	0.20	1	10/15/24 13:43	
Methylcyclohexane	1.0	U	1.0	0.20	1	10/15/24 13:43	
Styrene	1.0	U	1.0	0.20	1	10/15/24 13:43	
Tetrachloroethene (PCE)	1.0	U	1.0	0.21	1	10/15/24 13:43	
Toluene	1.0	U	1.0	0.20	1	10/15/24 13:43	

MKP 10/29/2024

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 08:15
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-23	**Units:**	ug/L
Lab Code:	R2409921-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**3.0**	1.0	0.20	1	10/15/24 13:43	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/15/24 13:43	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/15/24 13:43	
cis-1,2-Dichloroethene	**0.92 J**	1.0	0.23	1	10/15/24 13:43	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/15/24 13:43	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/15/24 13:43	
o-Xylene	1.0 U	1.0	0.20	1	10/15/24 13:43	
trans-1,2-Dichloroethene	**0.34 J**	1.0	0.20	1	10/15/24 13:43	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/15/24 13:43	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/15/24 13:43	
Dibromofluoromethane	100	80 - 116	10/15/24 13:43	
Toluene-d8	101	87 - 121	10/15/24 13:43	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 08:30
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2409921-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**1.5**	1.0	0.20	1	10/15/24 14:06	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/15/24 14:06	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/15/24 14:06	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/15/24 14:06	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 14:06	
1,4-Dioxane	40 U	40	13	1	10/15/24 14:06	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/15/24 14:06	
2-Hexanone	5.0 U	5.0	0.20	1	10/15/24 14:06	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/15/24 14:06	
Acetone	5.0 U	5.0	5.0	1	10/15/24 14:06	UJ
Benzene	1.0 U	1.0	0.20	1	10/15/24 14:06	
Bromochloromethane	1.0 U	1.0	0.20	1	10/15/24 14:06	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/15/24 14:06	
Bromoform	1.0 U	1.0	0.25	1	10/15/24 14:06	
Bromomethane	1.0 U	1.0	0.70	1	10/15/24 14:06	UJ
Carbon Disulfide	1.0 U	1.0	0.42	1	10/15/24 14:06	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/15/24 14:06	
Chlorobenzene	1.0 U	1.0	0.20	1	10/15/24 14:06	
Chloroethane	1.0 U	1.0	0.23	1	10/15/24 14:06	
Chloroform	1.0 U	1.0	0.51	1	10/15/24 14:06	
Chloromethane	1.0 U	1.0	0.80	1	10/15/24 14:06	
Cyclohexane	1.0 U	1.0	0.60	1	10/15/24 14:06	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/15/24 14:06	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/15/24 14:06	
Dichloromethane	1.0 U	1.0	0.65	1	10/15/24 14:06	
Ethylbenzene	1.0 U	1.0	0.20	1	10/15/24 14:06	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/15/24 14:06	
Methyl Acetate	2.0 U	2.0	0.87	1	10/15/24 14:06	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/15/24 14:06	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/15/24 14:06	
Styrene	1.0 U	1.0	0.20	1	10/15/24 14:06	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/15/24 14:06	
Toluene	1.0 U	1.0	0.20	1	10/15/24 14:06	

MKP 10/29/2024

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 08:30
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2409921-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**0.38**	**J**	1.0	0.20	1	10/15/24 14:06	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.24	1	10/15/24 14:06	
Vinyl Chloride	1.0	U	1.0	0.20	1	10/15/24 14:06	
cis-1,2-Dichloroethene	1.0	U	1.0	0.23	1	10/15/24 14:06	
cis-1,3-Dichloropropene	1.0	U	1.0	0.20	1	10/15/24 14:06	
m,p-Xylenes	2.0	U	2.0	0.53	1	10/15/24 14:06	
o-Xylene	1.0	U	1.0	0.20	1	10/15/24 14:06	
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	10/15/24 14:06	
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	10/15/24 14:06	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	10/15/24 14:06	
Dibromofluoromethane	100	80 - 116	10/15/24 14:06	
Toluene-d8	102	87 - 121	10/15/24 14:06	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 08:45
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-24S	**Units:**	ug/L
Lab Code:	R2409921-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q	
1,1,1-Trichloroethane (TCA)	**11**	1.0	0.20	1	10/19/24 00:18	*	J
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/19/24 00:18	*	UJ
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/19/24 00:18	*	UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/19/24 00:18	*	UJ
1,1-Dichloroethane (1,1-DCA)	**1.4**	1.0	0.20	1	10/19/24 00:18	*	J
1,1-Dichloroethene (1,1-DCE)	**3.1**	1.0	0.20	1	10/19/24 00:18	*	J
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/19/24 00:18	*	UJ
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/19/24 00:18	*	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/19/24 00:18	*	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/19/24 00:18	*	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/19/24 00:18	*	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/19/24 00:18	*	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/19/24 00:18	*	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/19/24 00:18	*	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/19/24 00:18	*	
1,4-Dioxane	40 U	40	13	1	10/19/24 00:18	*	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/19/24 00:18	*	
2-Hexanone	5.0 U	5.0	0.20	1	10/19/24 00:18	*	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/19/24 00:18	*	
Acetone	5.0 U	5.0	5.0	1	10/19/24 00:18	*	
Benzene	1.0 U	1.0	0.20	1	10/19/24 00:18	*	
Bromochloromethane	1.0 U	1.0	0.20	1	10/19/24 00:18	*	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/19/24 00:18	*	
Bromoform	1.0 U	1.0	0.25	1	10/19/24 00:18	*	
Bromomethane	1.0 U	1.0	0.70	1	10/19/24 00:18	*	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/19/24 00:18	*	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/19/24 00:18	*	
Chlorobenzene	1.0 U	1.0	0.20	1	10/19/24 00:18	*	
Chloroethane	1.0 U	1.0	0.23	1	10/19/24 00:18	*	
Chloroform	1.0 U	1.0	0.51	1	10/19/24 00:18	*	
Chloromethane	1.0 U	1.0	0.80	1	10/19/24 00:18	*	
Cyclohexane	1.0 U	1.0	0.60	1	10/19/24 00:18	*	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/19/24 00:18	*	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/19/24 00:18	*	
Dichloromethane	1.0 U	1.0	0.65	1	10/19/24 00:18	*	
Ethylbenzene	1.0 U	1.0	0.20	1	10/19/24 00:18	*	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/19/24 00:18	*	
Methyl Acetate	2.0 U	2.0	0.87	1	10/19/24 00:18	*	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/19/24 00:18	*	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/19/24 00:18	*	
Styrene	1.0 U	1.0	0.20	1	10/19/24 00:18	*	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/19/24 00:18	*	
Toluene	1.0 U	1.0	0.20	1	10/19/24 00:18	*	

MKP 10/29/2024

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 08:45
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-24S	**Units:**	ug/L
Lab Code:	R2409921-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**55**	1.0	0.20	1	10/19/24 00:18	* J
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/19/24 00:18	* UJ
Vinyl Chloride	1.0 U	1.0	0.20	1	10/19/24 00:18	*
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/19/24 00:18	*
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/19/24 00:18	*
m,p-Xylenes	2.0 U	2.0	0.53	1	10/19/24 00:18	*
o-Xylene	1.0 U	1.0	0.20	1	10/19/24 00:18	*
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/19/24 00:18	*
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/19/24 00:18	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/19/24 00:18	
Dibromofluoromethane	94	80 - 116	10/19/24 00:18	
Toluene-d8	98	87 - 121	10/19/24 00:18	

MKP 10/29/2024

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 08:45
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-24S	**Units:**	ug/L
Lab Code:	R2409921-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**9.4 J**	10	2.0	10	10/17/24 20:02	
1,1,2,2-Tetrachloroethane	10 U	10	2.0	10	10/17/24 20:02	
1,1,2-Trichloroethane	10 U	10	2.0	10	10/17/24 20:02	
1,1,2-Trichloro-1,2,2-trifluoroethane	10 U	10	2.0	10	10/17/24 20:02	
1,1-Dichloroethane (1,1-DCA)	10 U	10	2.0	10	10/17/24 20:02	
1,1-Dichloroethene (1,1-DCE)	**3.4 J**	10	2.0	10	10/17/24 20:02	
1,2,3-Trichlorobenzene	10 U	10	2.5	10	10/17/24 20:02	
1,2,4-Trichlorobenzene	10 U	10	3.4	10	10/17/24 20:02	
1,2-Dibromo-3-chloropropane (DBCP)	20 U	20	4.5	10	10/17/24 20:02	UJ
1,2-Dibromoethane	10 U	10	2.0	10	10/17/24 20:02	
1,2-Dichlorobenzene	10 U	10	2.0	10	10/17/24 20:02	
1,2-Dichloroethane	10 U	10	2.0	10	10/17/24 20:02	
1,2-Dichloropropane	10 U	10	2.0	10	10/17/24 20:02	
1,3-Dichlorobenzene	10 U	10	2.0	10	10/17/24 20:02	
1,4-Dichlorobenzene	10 U	10	2.0	10	10/17/24 20:02	
1,4-Dioxane	400 U	400	130	10	10/17/24 20:02	
2-Butanone (MEK)	50 U	50	7.8	10	10/17/24 20:02	
2-Hexanone	50 U	50	2.0	10	10/17/24 20:02	
4-Methyl-2-pentanone	50 U	50	2.0	10	10/17/24 20:02	
Acetone	50 U	50	50	10	10/17/24 20:02	UJ
Benzene	10 U	10	2.0	10	10/17/24 20:02	
Bromochloromethane	10 U	10	2.0	10	10/17/24 20:02	
Bromodichloromethane	10 U	10	2.0	10	10/17/24 20:02	
Bromoform	10 U	10	2.5	10	10/17/24 20:02	
Bromomethane	10 U	10	7.0	10	10/17/24 20:02	
Carbon Disulfide	10 U	10	4.2	10	10/17/24 20:02	
Carbon Tetrachloride	10 U	10	3.4	10	10/17/24 20:02	
Chlorobenzene	10 U	10	2.0	10	10/17/24 20:02	
Chloroethane	10 U	10	2.3	10	10/17/24 20:02	
Chloroform	10 U	10	5.1	10	10/17/24 20:02	
Chloromethane	10 U	10	8.0	10	10/17/24 20:02	
Cyclohexane	10 U	10	6.0	10	10/17/24 20:02	
Dibromochloromethane	10 U	10	2.0	10	10/17/24 20:02	
Dichlorodifluoromethane (CFC 12)	10 U	10	2.1	10	10/17/24 20:02	UJ
Dichloromethane	10 U	10	6.5	10	10/17/24 20:02	
Ethylbenzene	10 U	10	2.0	10	10/17/24 20:02	
Isopropylbenzene (Cumene)	10 U	10	2.0	10	10/17/24 20:02	
Methyl Acetate	20 U	20	8.7	10	10/17/24 20:02	
Methyl tert-Butyl Ether	10 U	10	2.0	10	10/17/24 20:02	
Methylcyclohexane	10 U	10	2.0	10	10/17/24 20:02	
Styrene	10 U	10	2.0	10	10/17/24 20:02	
Tetrachloroethene (PCE)	10 U	10	2.1	10	10/17/24 20:02	
Toluene	10 U	10	2.0	10	10/17/24 20:02	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 08:45
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-24S	**Units:**	ug/L
Lab Code:	R2409921-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**50**	10	2.0	10	10/17/24 20:02	
Trichlorofluoromethane (CFC 11)	10 U	10	2.4	10	10/17/24 20:02	
Vinyl Chloride	10 U	10	2.0	10	10/17/24 20:02	
cis-1,2-Dichloroethene	10 U	10	2.3	10	10/17/24 20:02	
cis-1,3-Dichloropropene	10 U	10	2.0	10	10/17/24 20:02	
m,p-Xylenes	20 U	20	5.3	10	10/17/24 20:02	
o-Xylene	10 U	10	2.0	10	10/17/24 20:02	
trans-1,2-Dichloroethene	10 U	10	2.0	10	10/17/24 20:02	
trans-1,3-Dichloropropene	10 U	10	2.3	10	10/17/24 20:02	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	10/17/24 20:02	
Dibromofluoromethane	98	80 - 116	10/17/24 20:02	
Toluene-d8	104	87 - 121	10/17/24 20:02	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 09:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R2409921-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**7.9**	1.0	0.20	1	10/17/24 20:25	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,1-Dichloroethane (1,1-DCA)	**0.66 J**	1.0	0.20	1	10/17/24 20:25	
1,1-Dichloroethene (1,1-DCE)	**1.7**	1.0	0.20	1	10/17/24 20:25	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 20:25	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 20:25	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 20:25	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 20:25	
1,4-Dioxane	40 U	40	13	1	10/17/24 20:25	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 20:25	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 20:25	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 20:25	
Acetone	5.0 U	5.0	5.0	1	10/17/24 20:25	UJ
Benzene	1.0 U	1.0	0.20	1	10/17/24 20:25	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 20:25	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 20:25	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 20:25	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 20:25	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 20:25	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 20:25	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 20:25	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 20:25	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 20:25	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 20:25	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 20:25	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 20:25	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 20:25	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 20:25	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 20:25	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 20:25	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 20:25	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 20:25	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 20:25	
Styrene	1.0 U	1.0	0.20	1	10/17/24 20:25	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/17/24 20:25	
Toluene	1.0 U	1.0	0.20	1	10/17/24 20:25	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 09:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R2409921-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**40**	1.0	0.20	1	10/17/24 20:25	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 20:25	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 20:25	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 20:25	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 20:25	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 20:25	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 20:25	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 20:25	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 20:25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	10/17/24 20:25	
Dibromofluoromethane	98	80 - 116	10/17/24 20:25	
Toluene-d8	102	87 - 121	10/17/24 20:25	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 09:15
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	SC-1	**Units:**	ug/L
Lab Code:	R2409921-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**5.0**	1.0	0.20	1	10/17/24 20:47	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,1-Dichloroethane (1,1-DCA)	**0.40 J**	1.0	0.20	1	10/17/24 20:47	
1,1-Dichloroethene (1,1-DCE)	**1.1**	1.0	0.20	1	10/17/24 20:47	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 20:47	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 20:47	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 20:47	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 20:47	
1,4-Dioxane	40 U	40	13	1	10/17/24 20:47	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 20:47	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 20:47	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 20:47	
Acetone	5.0 U	5.0	5.0	1	10/17/24 20:47	UJ
Benzene	1.0 U	1.0	0.20	1	10/17/24 20:47	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 20:47	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 20:47	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 20:47	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 20:47	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 20:47	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 20:47	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 20:47	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 20:47	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 20:47	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 20:47	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 20:47	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 20:47	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 20:47	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 20:47	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 20:47	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 20:47	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 20:47	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 20:47	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 20:47	
Styrene	1.0 U	1.0	0.20	1	10/17/24 20:47	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/17/24 20:47	
Toluene	1.0 U	1.0	0.20	1	10/17/24 20:47	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 09:15
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	SC-1	**Units:**	ug/L
Lab Code:	R2409921-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**27**	1.0	0.20	1	10/17/24 20:47	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 20:47	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 20:47	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 20:47	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 20:47	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 20:47	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 20:47	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 20:47	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 20:47	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	10/17/24 20:47	
Dibromofluoromethane	97	80 - 116	10/17/24 20:47	
Toluene-d8	101	87 - 121	10/17/24 20:47	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 09:50
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-15	**Units:**	ug/L
Lab Code:	R2409921-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**12**	1.0	0.20	1	10/17/24 21:10	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,1-Dichloroethene (1,1-DCE)	**1.9**	1.0	0.20	1	10/17/24 21:10	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 21:10	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 21:10	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 21:10	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 21:10	
1,4-Dioxane	40 U	40	13	1	10/17/24 21:10	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 21:10	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 21:10	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 21:10	
Acetone	5.0 U	5.0	5.0	1	10/17/24 21:10	UJ
Benzene	1.0 U	1.0	0.20	1	10/17/24 21:10	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 21:10	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 21:10	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 21:10	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 21:10	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 21:10	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 21:10	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 21:10	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 21:10	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 21:10	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 21:10	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 21:10	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 21:10	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 21:10	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 21:10	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 21:10	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 21:10	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 21:10	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 21:10	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 21:10	
Styrene	1.0 U	1.0	0.20	1	10/17/24 21:10	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/17/24 21:10	
Toluene	1.0 U	1.0	0.20	1	10/17/24 21:10	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 09:50
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-15	**Units:**	ug/L
Lab Code:	R2409921-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**3.1**	1.0	0.20	1	10/17/24 21:10	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 21:10	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 21:10	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 21:10	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 21:10	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 21:10	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 21:10	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 21:10	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 21:10	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	10/17/24 21:10	
Dibromofluoromethane	97	80 - 116	10/17/24 21:10	
Toluene-d8	101	87 - 121	10/17/24 21:10	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2409921-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**19**	1.0	0.20	1	10/19/24 00:41	* J
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/19/24 00:41	* UJ
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/19/24 00:41	* UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/19/24 00:41	* UJ
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/19/24 00:41	* UJ
1,1-Dichloroethene (1,1-DCE)	**2.8**	1.0	0.20	1	10/19/24 00:41	* J
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/19/24 00:41	* UJ
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/19/24 00:41	*
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/19/24 00:41	*
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
1,4-Dioxane	40 U	40	13	1	10/19/24 00:41	*
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/19/24 00:41	*
2-Hexanone	5.0 U	5.0	0.20	1	10/19/24 00:41	*
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/19/24 00:41	*
Acetone	5.0 U	5.0	5.0	1	10/19/24 00:41	*
Benzene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Bromochloromethane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Bromodichloromethane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Bromoform	1.0 U	1.0	0.25	1	10/19/24 00:41	*
Bromomethane	1.0 U	1.0	0.70	1	10/19/24 00:41	*
Carbon Disulfide	1.0 U	1.0	0.42	1	10/19/24 00:41	*
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/19/24 00:41	*
Chlorobenzene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Chloroethane	1.0 U	1.0	0.23	1	10/19/24 00:41	*
Chloroform	1.0 U	1.0	0.51	1	10/19/24 00:41	*
Chloromethane	1.0 U	1.0	0.80	1	10/19/24 00:41	*
Cyclohexane	1.0 U	1.0	0.60	1	10/19/24 00:41	*
Dibromochloromethane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/19/24 00:41	*
Dichloromethane	1.0 U	1.0	0.65	1	10/19/24 00:41	*
Ethylbenzene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Methyl Acetate	2.0 U	2.0	0.87	1	10/19/24 00:41	*
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Methylcyclohexane	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Styrene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
Tetrachloroethene (PCE)	**0.42 J**	1.0	0.21	1	10/19/24 00:41	* J
Toluene	1.0 U	1.0	0.20	1	10/19/24 00:41	* UJ

Printed 10/23/2024 1:08:50 PM

Superset Reference:24-0000712710 rev 00

MKP 10/29/2024

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2409921-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**43**	1.0	0.20	1	10/19/24 00:41	* J
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/19/24 00:41	* UJ
Vinyl Chloride	1.0 U	1.0	0.20	1	10/19/24 00:41	*
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/19/24 00:41	*
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
m,p-Xylenes	2.0 U	2.0	0.53	1	10/19/24 00:41	*
o-Xylene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/19/24 00:41	*
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/19/24 00:41	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	10/19/24 00:41	
Dibromofluoromethane	100	80 - 116	10/19/24 00:41	
Toluene-d8	103	87 - 121	10/19/24 00:41	

MKP 10/29/2024

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2409921-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**18**	10	2.0	10	10/17/24 21:33	
1,1,2,2-Tetrachloroethane	10 U	10	2.0	10	10/17/24 21:33	
1,1,2-Trichloroethane	10 U	10	2.0	10	10/17/24 21:33	
1,1,2-Trichloro-1,2,2-trifluoroethane	10 U	10	2.0	10	10/17/24 21:33	
1,1-Dichloroethane (1,1-DCA)	10 U	10	2.0	10	10/17/24 21:33	
1,1-Dichloroethene (1,1-DCE)	**2.3 J**	10	2.0	10	10/17/24 21:33	
1,2,3-Trichlorobenzene	10 U	10	2.5	10	10/17/24 21:33	
1,2,4-Trichlorobenzene	10 U	10	3.4	10	10/17/24 21:33	
1,2-Dibromo-3-chloropropane (DBCP)	20 U	20	4.5	10	10/17/24 21:33	UJ
1,2-Dibromoethane	10 U	10	2.0	10	10/17/24 21:33	
1,2-Dichlorobenzene	10 U	10	2.0	10	10/17/24 21:33	
1,2-Dichloroethane	10 U	10	2.0	10	10/17/24 21:33	
1,2-Dichloropropane	10 U	10	2.0	10	10/17/24 21:33	
1,3-Dichlorobenzene	10 U	10	2.0	10	10/17/24 21:33	
1,4-Dichlorobenzene	10 U	10	2.0	10	10/17/24 21:33	
1,4-Dioxane	400 U	400	130	10	10/17/24 21:33	
2-Butanone (MEK)	50 U	50	7.8	10	10/17/24 21:33	
2-Hexanone	50 U	50	2.0	10	10/17/24 21:33	
4-Methyl-2-pentanone	50 U	50	2.0	10	10/17/24 21:33	
Acetone	50 U	50	50	10	10/17/24 21:33	UJ
Benzene	10 U	10	2.0	10	10/17/24 21:33	
Bromochloromethane	10 U	10	2.0	10	10/17/24 21:33	
Bromodichloromethane	10 U	10	2.0	10	10/17/24 21:33	
Bromoform	10 U	10	2.5	10	10/17/24 21:33	
Bromomethane	10 U	10	7.0	10	10/17/24 21:33	
Carbon Disulfide	10 U	10	4.2	10	10/17/24 21:33	
Carbon Tetrachloride	10 U	10	3.4	10	10/17/24 21:33	
Chlorobenzene	10 U	10	2.0	10	10/17/24 21:33	
Chloroethane	10 U	10	2.3	10	10/17/24 21:33	
Chloroform	10 U	10	5.1	10	10/17/24 21:33	
Chloromethane	10 U	10	8.0	10	10/17/24 21:33	
Cyclohexane	10 U	10	6.0	10	10/17/24 21:33	
Dibromochloromethane	10 U	10	2.0	10	10/17/24 21:33	
Dichlorodifluoromethane (CFC 12)	10 U	10	2.1	10	10/17/24 21:33	UJ
Dichloromethane	10 U	10	6.5	10	10/17/24 21:33	
Ethylbenzene	10 U	10	2.0	10	10/17/24 21:33	
Isopropylbenzene (Cumene)	10 U	10	2.0	10	10/17/24 21:33	
Methyl Acetate	20 U	20	8.7	10	10/17/24 21:33	
Methyl tert-Butyl Ether	10 U	10	2.0	10	10/17/24 21:33	
Methylcyclohexane	10 U	10	2.0	10	10/17/24 21:33	
Styrene	10 U	10	2.0	10	10/17/24 21:33	
Tetrachloroethene (PCE)	10 U	10	2.1	10	10/17/24 21:33	
Toluene	10 U	10	2.0	10	10/17/24 21:33	

MKP 10/29/2024

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2409921-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**36**	10	2.0	10	10/17/24 21:33	
Trichlorofluoromethane (CFC 11)	10 U	10	2.4	10	10/17/24 21:33	
Vinyl Chloride	10 U	10	2.0	10	10/17/24 21:33	
cis-1,2-Dichloroethene	10 U	10	2.3	10	10/17/24 21:33	
cis-1,3-Dichloropropene	10 U	10	2.0	10	10/17/24 21:33	
m,p-Xylenes	20 U	20	5.3	10	10/17/24 21:33	
o-Xylene	10 U	10	2.0	10	10/17/24 21:33	
trans-1,2-Dichloroethene	10 U	10	2.0	10	10/17/24 21:33	
trans-1,3-Dichloropropene	10 U	10	2.3	10	10/17/24 21:33	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/17/24 21:33	
Dibromofluoromethane	91	80 - 116	10/17/24 21:33	
Toluene-d8	96	87 - 121	10/17/24 21:33	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:20
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-14	**Units:**	ug/L
Lab Code:	R2409921-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**9.9**	1.0	0.20	1	10/17/24 21:55	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,1-Dichloroethene (1,1-DCE)	**0.96 J**	1.0	0.20	1	10/17/24 21:55	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 21:55	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 21:55	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 21:55	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 21:55	
1,4-Dioxane	40 U	40	13	1	10/17/24 21:55	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 21:55	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 21:55	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 21:55	
Acetone	5.0 U	5.0	5.0	1	10/17/24 21:55	UJ
Benzene	1.0 U	1.0	0.20	1	10/17/24 21:55	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 21:55	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 21:55	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 21:55	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 21:55	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 21:55	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 21:55	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 21:55	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 21:55	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 21:55	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 21:55	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 21:55	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 21:55	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 21:55	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 21:55	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 21:55	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 21:55	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 21:55	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 21:55	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 21:55	
Styrene	1.0 U	1.0	0.20	1	10/17/24 21:55	
Tetrachloroethene (PCE)	**0.57 J**	1.0	0.21	1	10/17/24 21:55	
Toluene	1.0 U	1.0	0.20	1	10/17/24 21:55	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:20
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-14	**Units:**	ug/L
Lab Code:	R2409921-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**40**	1.0	0.20	1	10/17/24 21:55	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 21:55	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 21:55	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 21:55	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 21:55	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 21:55	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 21:55	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 21:55	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 21:55	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/17/24 21:55	
Dibromofluoromethane	96	80 - 116	10/17/24 21:55	
Toluene-d8	100	87 - 121	10/17/24 21:55	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:10
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-17S	**Units:**	ug/L
Lab Code:	R2409921-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**13**	2.0	0.40	2	10/17/24 23:26	
1,1,2,2-Tetrachloroethane	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,1,2-Trichloroethane	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,1-Dichloroethane (1,1-DCA)	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,1-Dichloroethene (1,1-DCE)	**2.2**	2.0	0.40	2	10/17/24 23:26	
1,2,3-Trichlorobenzene	2.0 U	2.0	0.50	2	10/17/24 23:26	
1,2,4-Trichlorobenzene	2.0 U	2.0	0.68	2	10/17/24 23:26	
1,2-Dibromo-3-chloropropane (DBCP)	4.0 U	4.0	0.90	2	10/17/24 23:26	UJ
1,2-Dibromoethane	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,2-Dichlorobenzene	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,2-Dichloroethane	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,2-Dichloropropane	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,3-Dichlorobenzene	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,4-Dichlorobenzene	2.0 U	2.0	0.40	2	10/17/24 23:26	
1,4-Dioxane	80 U	80	26	2	10/17/24 23:26	
2-Butanone (MEK)	10 U	10	1.6	2	10/17/24 23:26	
2-Hexanone	10 U	10	0.40	2	10/17/24 23:26	
4-Methyl-2-pentanone	10 U	10	0.40	2	10/17/24 23:26	
Acetone	10 U	10	10	2	10/17/24 23:26	UJ
Benzene	2.0 U	2.0	0.40	2	10/17/24 23:26	
Bromochloromethane	2.0 U	2.0	0.40	2	10/17/24 23:26	
Bromodichloromethane	2.0 U	2.0	0.40	2	10/17/24 23:26	
Bromoform	2.0 U	2.0	0.50	2	10/17/24 23:26	
Bromomethane	2.0 U	2.0	1.4	2	10/17/24 23:26	
Carbon Disulfide	2.0 U	2.0	0.84	2	10/17/24 23:26	
Carbon Tetrachloride	2.0 U	2.0	0.68	2	10/17/24 23:26	
Chlorobenzene	2.0 U	2.0	0.40	2	10/17/24 23:26	
Chloroethane	2.0 U	2.0	0.46	2	10/17/24 23:26	
Chloroform	2.0 U	2.0	1.1	2	10/17/24 23:26	
Chloromethane	2.0 U	2.0	1.6	2	10/17/24 23:26	
Cyclohexane	2.0 U	2.0	1.2	2	10/17/24 23:26	
Dibromochloromethane	2.0 U	2.0	0.40	2	10/17/24 23:26	
Dichlorodifluoromethane (CFC 12)	2.0 U	2.0	0.42	2	10/17/24 23:26	UJ
Dichloromethane	2.0 U	2.0	1.3	2	10/17/24 23:26	
Ethylbenzene	2.0 U	2.0	0.40	2	10/17/24 23:26	
Isopropylbenzene (Cumene)	2.0 U	2.0	0.40	2	10/17/24 23:26	
Methyl Acetate	4.0 U	4.0	1.8	2	10/17/24 23:26	
Methyl tert-Butyl Ether	2.0 U	2.0	0.40	2	10/17/24 23:26	
Methylcyclohexane	2.0 U	2.0	0.40	2	10/17/24 23:26	
Styrene	2.0 U	2.0	0.40	2	10/17/24 23:26	
Tetrachloroethene (PCE)	**0.82 J**	2.0	0.42	2	10/17/24 23:26	
Toluene	2.0 U	2.0	0.40	2	10/17/24 23:26	

MKP 10/29/2024

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:10
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-17S	**Units:**	ug/L
Lab Code:	R2409921-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**210**	2.0	0.40	2	10/17/24 23:26	
Trichlorofluoromethane (CFC 11)	2.0 U	2.0	0.48	2	10/17/24 23:26	
Vinyl Chloride	2.0 U	2.0	0.40	2	10/17/24 23:26	
cis-1,2-Dichloroethene	2.0 U	2.0	0.46	2	10/17/24 23:26	
cis-1,3-Dichloropropene	2.0 U	2.0	0.40	2	10/17/24 23:26	
m,p-Xylenes	4.0 U	4.0	1.1	2	10/17/24 23:26	
o-Xylene	2.0 U	2.0	0.40	2	10/17/24 23:26	
trans-1,2-Dichloroethene	2.0 U	2.0	0.40	2	10/17/24 23:26	
trans-1,3-Dichloropropene	2.0 U	2.0	0.46	2	10/17/24 23:26	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	10/17/24 23:26	
Dibromofluoromethane	95	80 - 116	10/17/24 23:26	
Toluene-d8	101	87 - 121	10/17/24 23:26	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:30
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-16	**Units:**	ug/L
Lab Code:	R2409921-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**15**	1.0	0.20	1	10/17/24 23:49	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.77 J**	1.0	0.20	1	10/17/24 23:49	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,1-Dichloroethene (1,1-DCE)	**3.0**	1.0	0.20	1	10/17/24 23:49	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 23:49	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 23:49	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 23:49	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 23:49	
1,4-Dioxane	40 U	40	13	1	10/17/24 23:49	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 23:49	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 23:49	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 23:49	
Acetone	5.0 U	5.0	5.0	1	10/17/24 23:49	UJ
Benzene	1.0 U	1.0	0.20	1	10/17/24 23:49	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 23:49	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 23:49	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 23:49	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 23:49	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 23:49	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 23:49	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 23:49	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 23:49	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 23:49	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 23:49	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 23:49	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 23:49	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 23:49	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 23:49	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 23:49	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 23:49	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 23:49	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 23:49	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 23:49	
Styrene	1.0 U	1.0	0.20	1	10/17/24 23:49	
Tetrachloroethene (PCE)	**0.45 J**	1.0	0.21	1	10/17/24 23:49	
Toluene	1.0 U	1.0	0.20	1	10/17/24 23:49	

MKP 10/29/2024

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 10:30
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-16	**Units:**	ug/L
Lab Code:	R2409921-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**140**	1.0	0.20	1	10/17/24 23:49	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 23:49	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 23:49	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 23:49	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 23:49	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 23:49	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 23:49	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 23:49	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 23:49	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/17/24 23:49	
Dibromofluoromethane	97	80 - 116	10/17/24 23:49	
Toluene-d8	101	87 - 121	10/17/24 23:49	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 11:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	SS&G MW-3	**Units:**	ug/L
Lab Code:	R2409921-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**3.9**	1.0	0.20	1	10/17/24 22:18	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,1-Dichloroethene (1,1-DCE)	**0.62 J**	1.0	0.20	1	10/17/24 22:18	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 22:18	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 22:18	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 22:18	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 22:18	
1,4-Dioxane	40 U	40	13	1	10/17/24 22:18	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 22:18	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 22:18	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 22:18	
Acetone	5.0 U	5.0	5.0	1	10/17/24 22:18	UJ
Benzene	1.0 U	1.0	0.20	1	10/17/24 22:18	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 22:18	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 22:18	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 22:18	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 22:18	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 22:18	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 22:18	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 22:18	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 22:18	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 22:18	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 22:18	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 22:18	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 22:18	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 22:18	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 22:18	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 22:18	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 22:18	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 22:18	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 22:18	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 22:18	
Styrene	1.0 U	1.0	0.20	1	10/17/24 22:18	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/17/24 22:18	
Toluene	1.0 U	1.0	0.20	1	10/17/24 22:18	

MKP 10/29/2024

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 11:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	SS&G MW-3	**Units:**	ug/L
Lab Code:	R2409921-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**6.9**	1.0	0.20	1	10/17/24 22:18	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 22:18	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 22:18	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 22:18	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 22:18	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 22:18	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 22:18	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 22:18	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 22:18	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/17/24 22:18	
Dibromofluoromethane	93	80 - 116	10/17/24 22:18	
Toluene-d8	98	87 - 121	10/17/24 22:18	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 11:15
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-26	**Units:**	ug/L
Lab Code:	R2409921-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**6.1**	1.0	0.20	1	10/18/24 00:12	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.95 J**	1.0	0.20	1	10/18/24 00:12	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,1-Dichloroethene (1,1-DCE)	**1.2**	1.0	0.20	1	10/18/24 00:12	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/18/24 00:12	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/18/24 00:12	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/18/24 00:12	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/18/24 00:12	
1,4-Dioxane	40 U	40	13	1	10/18/24 00:12	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/18/24 00:12	
2-Hexanone	5.0 U	5.0	0.20	1	10/18/24 00:12	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/18/24 00:12	
Acetone	5.0 U	5.0	5.0	1	10/18/24 00:12	UJ
Benzene	1.0 U	1.0	0.20	1	10/18/24 00:12	
Bromochloromethane	1.0 U	1.0	0.20	1	10/18/24 00:12	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/18/24 00:12	
Bromoform	1.0 U	1.0	0.25	1	10/18/24 00:12	
Bromomethane	1.0 U	1.0	0.70	1	10/18/24 00:12	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/18/24 00:12	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/18/24 00:12	
Chlorobenzene	1.0 U	1.0	0.20	1	10/18/24 00:12	
Chloroethane	1.0 U	1.0	0.23	1	10/18/24 00:12	
Chloroform	1.0 U	1.0	0.51	1	10/18/24 00:12	
Chloromethane	1.0 U	1.0	0.80	1	10/18/24 00:12	
Cyclohexane	1.0 U	1.0	0.60	1	10/18/24 00:12	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/18/24 00:12	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/18/24 00:12	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/18/24 00:12	
Ethylbenzene	1.0 U	1.0	0.20	1	10/18/24 00:12	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/18/24 00:12	
Methyl Acetate	2.0 U	2.0	0.87	1	10/18/24 00:12	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/18/24 00:12	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/18/24 00:12	
Styrene	1.0 U	1.0	0.20	1	10/18/24 00:12	
Tetrachloroethene (PCE)	**1.7**	1.0	0.21	1	10/18/24 00:12	
Toluene	1.0 U	1.0	0.20	1	10/18/24 00:12	

MKP 10/29/2024

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 11:15
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	MW-26	**Units:**	ug/L
Lab Code:	R2409921-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**98**	1.0	0.20	1	10/18/24 00:12	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/18/24 00:12	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/18/24 00:12	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/18/24 00:12	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/18/24 00:12	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/18/24 00:12	
o-Xylene	1.0 U	1.0	0.20	1	10/18/24 00:12	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/18/24 00:12	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/18/24 00:12	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/18/24 00:12	
Dibromofluoromethane	97	80 - 116	10/18/24 00:12	
Toluene-d8	101	87 - 121	10/18/24 00:12	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 12:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	DUP100424 A	**Units:**	ug/L
Lab Code:	R2409921-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**4.9**	1.0	0.20	1	10/17/24 22:41	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,1-Dichloroethane (1,1-DCA)	**0.41 J**	1.0	0.20	1	10/17/24 22:41	
1,1-Dichloroethene (1,1-DCE)	**1.1**	1.0	0.20	1	10/17/24 22:41	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 22:41	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 22:41	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 22:41	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 22:41	
1,4-Dioxane	40 U	40	13	1	10/17/24 22:41	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 22:41	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 22:41	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 22:41	
Acetone	5.0 U	5.0	5.0	1	10/17/24 22:41	UJ
Benzene	1.0 U	1.0	0.20	1	10/17/24 22:41	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 22:41	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 22:41	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 22:41	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 22:41	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 22:41	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 22:41	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 22:41	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 22:41	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 22:41	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 22:41	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 22:41	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 22:41	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 22:41	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 22:41	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 22:41	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 22:41	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 22:41	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 22:41	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 22:41	
Styrene	1.0 U	1.0	0.20	1	10/17/24 22:41	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/17/24 22:41	
Toluene	1.0 U	1.0	0.20	1	10/17/24 22:41	

MKP 10/29/2024

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 12:00
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	DUP100424 A	**Units:**	ug/L
Lab Code:	R2409921-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**28**	1.0	0.20	1	10/17/24 22:41	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 22:41	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 22:41	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 22:41	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 22:41	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 22:41	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 22:41	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 22:41	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 22:41	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	10/17/24 22:41	
Dibromofluoromethane	100	80 - 116	10/17/24 22:41	
Toluene-d8	103	87 - 121	10/17/24 22:41	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 12:30
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	DUP100424 B	**Units:**	ug/L
Lab Code:	R2409921-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**6.5**	1.0	0.20	1	10/17/24 23:03	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.1**	1.0	0.20	1	10/17/24 23:03	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,1-Dichloroethene (1,1-DCE)	**1.2**	1.0	0.20	1	10/17/24 23:03	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/17/24 23:03	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/17/24 23:03	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/17/24 23:03	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/17/24 23:03	
1,4-Dioxane	40 U	40	13	1	10/17/24 23:03	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/17/24 23:03	
2-Hexanone	5.0 U	5.0	0.20	1	10/17/24 23:03	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/17/24 23:03	
Acetone	5.0 U	5.0	5.0	1	10/17/24 23:03	UJ
Benzene	1.0 U	1.0	0.20	1	10/17/24 23:03	
Bromochloromethane	1.0 U	1.0	0.20	1	10/17/24 23:03	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/17/24 23:03	
Bromoform	1.0 U	1.0	0.25	1	10/17/24 23:03	
Bromomethane	1.0 U	1.0	0.70	1	10/17/24 23:03	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/17/24 23:03	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/17/24 23:03	
Chlorobenzene	1.0 U	1.0	0.20	1	10/17/24 23:03	
Chloroethane	1.0 U	1.0	0.23	1	10/17/24 23:03	
Chloroform	1.0 U	1.0	0.51	1	10/17/24 23:03	
Chloromethane	1.0 U	1.0	0.80	1	10/17/24 23:03	
Cyclohexane	1.0 U	1.0	0.60	1	10/17/24 23:03	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/17/24 23:03	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/17/24 23:03	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/17/24 23:03	
Ethylbenzene	1.0 U	1.0	0.20	1	10/17/24 23:03	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/17/24 23:03	
Methyl Acetate	2.0 U	2.0	0.87	1	10/17/24 23:03	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/17/24 23:03	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/17/24 23:03	
Styrene	1.0 U	1.0	0.20	1	10/17/24 23:03	
Tetrachloroethene (PCE)	**2.4**	1.0	0.21	1	10/17/24 23:03	
Toluene	1.0 U	1.0	0.20	1	10/17/24 23:03	

MKP 10/29/2024

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 12:30
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	DUP100424 B	**Units:**	ug/L
Lab Code:	R2409921-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**120**	1.0	0.20	1	10/17/24 23:03	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/17/24 23:03	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/17/24 23:03	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/17/24 23:03	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/17/24 23:03	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/17/24 23:03	
o-Xylene	1.0 U	1.0	0.20	1	10/17/24 23:03	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/17/24 23:03	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/17/24 23:03	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	10/17/24 23:03	
Dibromofluoromethane	101	80 - 116	10/17/24 23:03	
Toluene-d8	105	87 - 121	10/17/24 23:03	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 09:10
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	EB100424	**Units:**	ug/L
Lab Code:	R2409921-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/15/24 13:20	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/15/24 13:20	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/15/24 13:20	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 13:20	
1,4-Dioxane	40 U	40	13	1	10/15/24 13:20	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/15/24 13:20	
2-Hexanone	5.0 U	5.0	0.20	1	10/15/24 13:20	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/15/24 13:20	
Acetone	5.0 U	5.0	5.0	1	10/15/24 13:20	UJ
Benzene	1.0 U	1.0	0.20	1	10/15/24 13:20	
Bromochloromethane	1.0 U	1.0	0.20	1	10/15/24 13:20	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/15/24 13:20	
Bromoform	1.0 U	1.0	0.25	1	10/15/24 13:20	
Bromomethane	1.0 U	1.0	0.70	1	10/15/24 13:20	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/15/24 13:20	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/15/24 13:20	
Chlorobenzene	1.0 U	1.0	0.20	1	10/15/24 13:20	
Chloroethane	1.0 U	1.0	0.23	1	10/15/24 13:20	
Chloroform	1.0 U	1.0	0.51	1	10/15/24 13:20	
Chloromethane	1.0 U	1.0	0.80	1	10/15/24 13:20	
Cyclohexane	1.0 U	1.0	0.60	1	10/15/24 13:20	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/15/24 13:20	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/15/24 13:20	
Dichloromethane	1.0 U	1.0	0.65	1	10/15/24 13:20	
Ethylbenzene	1.0 U	1.0	0.20	1	10/15/24 13:20	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/15/24 13:20	
Methyl Acetate	2.0 U	2.0	0.87	1	10/15/24 13:20	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/15/24 13:20	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/15/24 13:20	
Styrene	1.0 U	1.0	0.20	1	10/15/24 13:20	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/15/24 13:20	
Toluene	1.0 U	1.0	0.20	1	10/15/24 13:20	

MKP 10/29/2024

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24 09:10
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	EB100424	**Units:**	ug/L
Lab Code:	R2409921-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/15/24 13:20	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/15/24 13:20	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/15/24 13:20	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/15/24 13:20	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/15/24 13:20	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/15/24 13:20	
o-Xylene	1.0 U	1.0	0.20	1	10/15/24 13:20	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/15/24 13:20	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/15/24 13:20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	10/15/24 13:20	
Dibromofluoromethane	99	80 - 116	10/15/24 13:20	
Toluene-d8	101	87 - 121	10/15/24 13:20	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	VOC Trip Blank	**Units:**	ug/L
Lab Code:	R2409921-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/15/24 12:57	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/15/24 12:57	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/15/24 12:57	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/15/24 12:57	
1,4-Dichlorobenzene	**1.1**	1.0	0.20	1	10/15/24 12:57	
1,4-Dioxane	40 U	40	13	1	10/15/24 12:57	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/15/24 12:57	
2-Hexanone	5.0 U	5.0	0.20	1	10/15/24 12:57	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/15/24 12:57	
Acetone	5.0 U	5.0	5.0	1	10/15/24 12:57	UJ
Benzene	1.0 U	1.0	0.20	1	10/15/24 12:57	
Bromochloromethane	1.0 U	1.0	0.20	1	10/15/24 12:57	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/15/24 12:57	
Bromoform	1.0 U	1.0	0.25	1	10/15/24 12:57	
Bromomethane	1.0 U	1.0	0.70	1	10/15/24 12:57	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/15/24 12:57	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/15/24 12:57	
Chlorobenzene	1.0 U	1.0	0.20	1	10/15/24 12:57	
Chloroethane	1.0 U	1.0	0.23	1	10/15/24 12:57	
Chloroform	1.0 U	1.0	0.51	1	10/15/24 12:57	
Chloromethane	1.0 U	1.0	0.80	1	10/15/24 12:57	
Cyclohexane	1.0 U	1.0	0.60	1	10/15/24 12:57	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/15/24 12:57	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/15/24 12:57	
Dichloromethane	1.0 U	1.0	0.65	1	10/15/24 12:57	
Ethylbenzene	1.0 U	1.0	0.20	1	10/15/24 12:57	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/15/24 12:57	
Methyl Acetate	2.0 U	2.0	0.87	1	10/15/24 12:57	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/15/24 12:57	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/15/24 12:57	
Styrene	1.0 U	1.0	0.20	1	10/15/24 12:57	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/15/24 12:57	
Toluene	**2.0**	1.0	0.20	1	10/15/24 12:57	

MKP 10/29/2024

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2409921
Project:	DLS/Modock Road Springs	**Date Collected:**	10/04/24
Sample Matrix:	Water	**Date Received:**	10/04/24 12:40
Sample Name:	VOC Trip Blank	**Units:**	ug/L
Lab Code:	R2409921-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/15/24 12:57	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/15/24 12:57	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/15/24 12:57	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/15/24 12:57	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/15/24 12:57	
m,p-Xylenes	2.0 U	2.0	0.53	1	10/15/24 12:57	
o-Xylene	1.0 U	1.0	0.20	1	10/15/24 12:57	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/15/24 12:57	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/15/24 12:57	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	10/15/24 12:57	
Dibromofluoromethane	101	80 - 116	10/15/24 12:57	
Toluene-d8	102	87 - 121	10/15/24 12:57	

Appendix B

Laboratory QC Documentation

Client: Marks Engineering, PC
Project: DLS/Modock Road Springs
Sample Matrix: Water

Service Request: R2409921
Date Analyzed: 10/17/24

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2413236-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260D	32.1	20.0	161 *	59-155
Dichloromethane	8260D	22.3	20.0	111	73-122
Ethylbenzene	8260D	20.7	20.0	103	76-120
Isopropylbenzene (Cumene)	8260D	21.9	20.0	109	77-128
Methyl Acetate	8260D	14.8	20.0	74	44-93
Methyl tert-Butyl Ether	8260D	20.2	20.0	101	75-118
Methylcyclohexane	8260D	22.4	20.0	112	51-129
Styrene	8260D	20.6	20.0	103	80-124
Tetrachloroethene (PCE)	8260D	21.0	20.0	105	72-125
Toluene	8260D	21.6	20.0	108	79-119
Trichloroethene (TCE)	8260D	21.0	20.0	105	74-122
Trichlorofluoromethane (CFC 11)	8260D	22.6	20.0	113	71-136
Vinyl Chloride	8260D	22.7	20.0	114	74-159
cis-1,2-Dichloroethene	8260D	23.5	20.0	118	80-121
cis-1,3-Dichloropropene	8260D	20.2	20.0	101	77-122
m,p-Xylenes	8260D	43.0	40.0	107	80-126
o-Xylene	8260D	20.3	20.0	101	79-123
trans-1,2-Dichloroethene	8260D	20.2	20.0	101	73-118
trans-1,3-Dichloropropene	8260D	21.1	20.0	106	71-133

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Marks Engineering, PC **Service Request:** R2409921
Project: DLS/Modock Road Springs **Calibration Date:** 10/9/2024

Initial Calibration Verification Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2400192 **Signal ID:** 1
Instrument ID: R-MS-17

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
Dichlorodifluoromethane (CFC 12)	50.0	70.4	5.057E-1	7.125E-1	40.90*	±30	Average RF
Dichloromethane	50.0	54.4	5.546E-1	5.298E-1	8.86	±30	Linear
Ethylbenzene	50.0	52.5	5.431E-1	5.705E-1	5.04	±30	Average RF
Isopropylbenzene (Cumene)	50.0	55.3	1.555E0	1.721E0	10.65	±30	Average RF
Methyl Acetate	50.0	45.3	4.945E-1	4.484E-1	-9.323	±30	Average RF
Methyl tert-Butyl Ether	50.0	50.7	1.606E0	1.629E0	1.44	±30	Average RF
Methylcyclohexane	50.0	49.0	4.13E-1	4.047E-1	-2.010	±30	Average RF
Styrene	50.0	54.3	1.115E0	1.211E0	8.63	±30	Average RF
Tetrachloroethene (PCE)	50.0	51.3	2.972E-1	3.049E-1	2.60	±30	Average RF
Toluene	50.0	50.9	1.345E0	1.37E0	1.90	±30	Average RF
Trichloroethene (TCE)	50.0	51.6	3.37E-1	3.478E-1	3.20	±30	Average RF
Trichlorofluoromethane (CFC 11)	50.0	53.3	7.587E-1	8.091E-1	6.63	±30	Average RF
Vinyl Chloride	50.0	58.8	5.503E-1	6.475E-1	17.67	±30	Average RF
cis-1,2-Dichloroethene	50.0	54.0	5.753E-1	6.216E-1	8.05	±30	Average RF
cis-1,3-Dichloropropene	50.0	53.5	5.053E-1	5.409E-1	7.05	±30	Average RF
m,p-Xylenes	100	107	6.656E-1	7.103E-1	6.71	±30	Average RF
o-Xylene	50.0	52.7	6.591E-1	6.952E-1	5.47	±30	Average RF
trans-1,2-Dichloroethene	50.0	46.7	5.289E-1	4.94E-1	-6.597	±30	Average RF
trans-1,3-Dichloropropene	50.0	55.2	4.636E-1	5.118E-1	10.40	±30	Average RF

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	52.0	4.346E-1	4.518E-1	3.94	±30	Average RF
Dibromofluoromethane	50.0	51.0	3.339E-1	3.405E-1	1.99	±30	Average RF
Toluene-d8	50.0	51.1	1.248E0	1.275E0	2.16	±30	Average RF

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Marks Engineering, PC **Service Request:** R2409921
Project: DLS/Modock Road Springs **Calibration Date:** 10/9/2024

Initial Calibration Verification Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2400191 **Signal ID:** 1
Instrument ID: R-MS-10

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
Dichlorodifluoromethane (CFC 12)	50.0	76.4	5.479E-1	8.374E-1	52.85*	±30	Average RF
Dichloromethane	50.0	54.4	5.757E-1	5.637E-1	8.88	±30	Quadratic
Ethylbenzene	50.0	54.8	5.017E-1	5.498E-1	9.58	±30	Average RF
Isopropylbenzene (Cumene)	50.0	58.5	1.43E0	1.674E0	17.04	±30	Average RF
Methyl Acetate	50.0	42.6	7.312E-1	6.231E-1	-14.785	±30	Average RF
Methyl tert-Butyl Ether	50.0	52.6	1.83E0	1.923E0	5.13	±30	Average RF
Methylcyclohexane	50.0	54.4	4.04E-1	4.396E-1	8.83	±30	Average RF
Styrene	50.0	54.9	1.078E0	1.184E0	9.83	±30	Average RF
Tetrachloroethene (PCE)	50.0	55.6	2.179E-1	2.421E-1	11.10	±30	Average RF
Toluene	50.0	54.2	1.288E0	1.396E0	8.33	±30	Average RF
Trichloroethene (TCE)	50.0	55.6	2.64E-1	2.937E-1	11.25	±30	Average RF
Trichlorofluoromethane (CFC 11)	50.0	57.7	7.114E-1	8.207E-1	15.36	±30	Average RF
Vinyl Chloride	50.0	59.3	7.177E-1	8.518E-1	18.70	±30	Average RF
cis-1,2-Dichloroethene	50.0	57.5	5.279E-1	6.072E-1	15.03	±30	Average RF
cis-1,3-Dichloropropene	50.0	55.9	5.351E-1	5.987E-1	11.90	±30	Average RF
m,p-Xylenes	100	112	6.167E-1	6.894E-1	11.80	±30	Average RF
o-Xylene	50.0	55.0	6.093E-1	6.702E-1	9.99	±30	Average RF
trans-1,2-Dichloroethene	50.0	49.9	4.623E-1	4.611E-1	-0.267	±30	Average RF
trans-1,3-Dichloropropene	50.0	58.2	4.93E-1	5.741E-1	16.46	±30	Average RF

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	52.8	4.841E-1	5.111E-1	5.58	±30	Average RF
Dibromofluoromethane	50.0	52.4	2.908E-1	3.045E-1	4.71	±30	Average RF
Toluene-d8	50.0	52.9	1.239E0	1.311E0	5.85	±30	Average RF

Client: Marks Engineering, PC
Project: DLS/Modock Road Springs

Service Request: R2409921
Date Analyzed: 10/15/24 09:58

Continuing Calibration Verification (CCV) Summary
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
File ID: I:\ACQUDATA\MSVOA17\Data\101524\K6927.D\
Signal ID: 1

Calibration Date: 10/9/2024
Calibration ID: RC2400192
Analysis Lot: 857464
Units: ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	51.3	0.83	0.851	2.5	NA	±20	Average RF
1,1,2,2-Tetrachloroethane	50.0	45.6	1.0653	0.9714	-8.8	NA	±20	Average RF
1,1,2-Trichloroethane	50.0	50.3	0.3095	0.3116	0.7	NA	±20	Average RF
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.6	0.4628	0.4685	1.2	NA	±20	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	51.4	0.913	0.9392	2.9	NA	±20	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	53.4	0.482	0.4554	NA	6.7	±20	Quadratic
1,2,3-Trichlorobenzene	50.0	51.8	0.9104	0.9436	3.6	NA	±20	Average RF
1,2,4-Trichlorobenzene	50.0	51.3	0.9585	0.9837	2.6	NA	±20	Average RF
1,2-Dibromo-3-chloropropane (DBCP)	50.0	45.7	0.2346	0.2142	-8.7	NA	±20	Average RF
1,2-Dibromoethane	50.0	48.5	0.3911	0.3796	-2.9	NA	±20	Average RF
1,2-Dichlorobenzene	50.0	49.9	1.5097	1.5057	-0.3	NA	±20	Average RF
1,2-Dichloroethane	50.0	51.3	0.4792	0.4918	2.6	NA	±20	Average RF
1,2-Dichloropropane	50.0	49.6	0.3271	0.3245	-0.8	NA	±20	Average RF
1,3-Dichlorobenzene	50.0	50.3	1.5499	1.5577	0.5	NA	±20	Average RF
1,4-Dichlorobenzene	50.0	50.8	1.5868	1.6113	1.5	NA	±20	Average RF
1,4-Dioxane	1000	969	0.0054	0.0052	-3.1	NA	±20	Average RF
2-Butanone (MEK)	50.0	43.5	0.3324	0.2889	-13.1	NA	±20	Average RF
2-Hexanone	50.0	43.7	0.3389	0.2962	-12.6	NA	±20	Average RF
4-Methyl-2-pentanone	50.0	47.3	0.3855	0.3645	-5.4	NA	±20	Average RF
Acetone	50.0	38.8	0.2619	0.203	-22.5*	NA	±20	Average RF
Benzene	50.0	49.8	1.204	1.199	-0.4	NA	±20	Average RF
Bromochloromethane	50.0	52.1	0.38	0.3956	4.1	NA	±20	Average RF
Bromodichloromethane	50.0	50.0	0.4208	0.4208	0.0	NA	±20	Average RF
Bromoform	50.0	48.9	0.2493	0.2438	-2.2	NA	±20	Average RF
Bromomethane	50.0	68.1	0.3253	0.3984	NA	36.2*	±20	Quadratic
Carbon Disulfide	50.0	45.8	1.4184	1.2999	-8.4	NA	±20	Average RF
Carbon Tetrachloride	50.0	50.8	0.4241	0.4309	1.6	NA	±20	Average RF
Chlorobenzene	50.0	48.0	1.053	1.0106	-4.0	NA	±20	Average RF
Chloroethane	50.0	56.9	0.3272	0.372	13.7	NA	±20	Average RF
Chloroform	50.0	51.8	0.9113	0.9446	3.7	NA	±20	Average RF
Chloromethane	50.0	47.5	0.5964	0.5662	-5.1	NA	±20	Average RF
Cyclohexane	50.0	50.3	0.2722	0.2741	0.7	NA	±20	Average RF
Dibromochloromethane	50.0	49.2	0.4193	0.4121	-1.7	NA	±20	Average RF
Dichlorodifluoromethane (CFC 12)	50.0	56.7	0.5057	0.5731	13.3	NA	±20	Average RF
Dichloromethane	50.0	52.4	0.5546	0.5102	NA	4.8	±20	Linear
Ethylbenzene	50.0	49.6	0.5431	0.5386	-0.8	NA	±20	Average RF
Isopropylbenzene (Cumene)	50.0	51.6	1.5554	1.6039	3.1	NA	±20	Average RF
Methyl Acetate	50.0	45.5	0.4945	0.4503	-8.9	NA	±20	Average RF
Methyl tert-Butyl Ether	50.0	49.1	1.6063	1.5779	-1.8	NA	±20	Average RF

Client: Marks Engineering, PC
Project: DLS/Modock Road Springs

Service Request: R2409921
Date Analyzed: 10/17/24 14:41

Continuing Calibration Verification (CCV) Summary
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
File ID: I:\ACQUDATA\msvoa10\data\101724\D7788.D\
Signal ID: 1

Calibration Date: 10/9/2024
Calibration ID: RC2400191
Analysis Lot: 857876
Units: ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	49.0	0.7217	0.7079	-1.9	NA	±20	Average RF
1,1,2,2-Tetrachloroethane	50.0	45.9	1.0654	0.9784	-8.2	NA	±20	Average RF
1,1,2-Trichloroethane	50.0	48.5	0.2942	0.2855	-3.0	NA	±20	Average RF
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.1	0.407	0.4319	6.1	NA	±20	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	50.4	0.9811	0.9883	0.7	NA	±20	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	49.3	0.4346	0.4286	-1.4	NA	±20	Average RF
1,2,3-Trichlorobenzene	50.0	47.4	0.8638	0.8194	-5.1	NA	±20	Average RF
1,2,4-Trichlorobenzene	50.0	49.1	0.8472	0.8326	-1.7	NA	±20	Average RF
1,2-Dibromo-3-chloropropane (DBCP)	50.0	38.0	0.2362	0.1796	-24.0*	NA	±20	Average RF
1,2-Dibromoethane	50.0	47.3	0.3619	0.3422	-5.5	NA	±20	Average RF
1,2-Dichlorobenzene	50.0	47.7	1.3207	1.2596	-4.6	NA	±20	Average RF
1,2-Dichloroethane	50.0	52.0	0.4642	0.4826	4.0	NA	±20	Average RF
1,2-Dichloropropane	50.0	48.7	0.3481	0.3391	-2.6	NA	±20	Average RF
1,3-Dichlorobenzene	50.0	46.3	1.3128	1.2169	-7.3	NA	±20	Average RF
1,4-Dichlorobenzene	50.0	46.5	1.3754	1.2787	-7.0	NA	±20	Average RF
1,4-Dioxane	1000	855	0.007	0.006	-14.5	NA	±20	Average RF
2-Butanone (MEK)	50.0	43.0	0.4754	0.4084	-14.1	NA	±20	Average RF
2-Hexanone	50.0	42.3	0.4749	0.4016	-15.4	NA	±20	Average RF
4-Methyl-2-pentanone	50.0	46.1	0.5208	0.4801	-7.8	NA	±20	Average RF
Acetone	50.0	35.1	0.3772	0.265	-29.7*	NA	±20	Average RF
Benzene	50.0	49.0	1.2165	1.1926	-2.0	NA	±20	Average RF
Bromochloromethane	50.0	50.1	0.314	0.3149	0.3	NA	±20	Average RF
Bromodichloromethane	50.0	46.6	0.415	0.3868	-6.8	NA	±20	Average RF
Bromoform	50.0	42.9	0.2188	0.1878	-14.2	NA	±20	Average RF
Bromomethane	50.0	50.2	0.4294	0.3876	NA	0.4	±20	Quadratic
Carbon Disulfide	50.0	58.5	1.4625	1.7122	17.1	NA	±20	Average RF
Carbon Tetrachloride	50.0	47.0	0.3405	0.3204	-5.9	NA	±20	Average RF
Chlorobenzene	50.0	47.2	0.9414	0.8887	-5.6	NA	±20	Average RF
Chloroethane	50.0	44.0	0.6774	0.4372	NA	-12.0	±20	Quadratic
Chloroform	50.0	50.0	0.8996	0.899	-0.1	NA	±20	Average RF
Chloromethane	50.0	45.3	0.8425	0.7636	-9.4	NA	±20	Average RF
Cyclohexane	50.0	54.7	0.3014	0.33	9.5	NA	±20	Average RF
Dibromochloromethane	50.0	46.5	0.3406	0.3166	-7.1	NA	±20	Average RF
Dichlorodifluoromethane (CFC 12)	50.0	56.9	0.5479	0.6232	13.7	NA	±20	Average RF
Dichloromethane	50.0	51.4	0.5757	0.5322	NA	2.9	±20	Quadratic
Ethylbenzene	50.0	47.0	0.5017	0.4713	-6.1	NA	±20	Average RF
Isopropylbenzene (Cumene)	50.0	48.4	1.4301	1.3851	-3.1	NA	±20	Average RF
Methyl Acetate	50.0	42.2	0.7312	0.617	-15.6	NA	±20	Average RF
Methyl tert-Butyl Ether	50.0	50.4	1.8296	1.8435	0.8	NA	±20	Average RF

Client: Marks Engineering, PC
Project: DLS/Modock Road Springs

Service Request: R2409921
Date Analyzed: 10/18/24 21:39

Continuing Calibration Verification (CCV) Summary
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
File ID: I:\ACQUDATA\msvoa10\data\101824\D7852.D\
Signal ID: 1

Calibration Date: 10/9/2024
Calibration ID: RC2400191
Analysis Lot: 858027
Units: ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	50.7	0.7217	0.7314	1.4	NA	±20	Average RF
1,1,2,2-Tetrachloroethane	50.0	46.6	1.0654	0.9928	-6.8	NA	±20	Average RF
1,1,2-Trichloroethane	50.0	47.7	0.2942	0.2808	-4.6	NA	±20	Average RF
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.8	0.407	0.4377	7.5	NA	±20	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	51.3	0.9811	1.0068	2.6	NA	±20	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	50.4	0.4346	0.4385	0.9	NA	±20	Average RF
1,2,3-Trichlorobenzene	50.0	46.0	0.8638	0.7953	-7.9	NA	±20	Average RF
1,2,4-Trichlorobenzene	50.0	47.3	0.8472	0.8021	-5.3	NA	±20	Average RF
1,2-Dibromo-3-chloropropane (DBCP)	50.0	38.1	0.2362	0.1802	-23.7*	NA	±20	Average RF
1,2-Dibromoethane	50.0	46.5	0.3619	0.3365	-7.0	NA	±20	Average RF
1,2-Dichlorobenzene	50.0	47.4	1.3207	1.2517	-5.2	NA	±20	Average RF
1,2-Dichloroethane	50.0	50.9	0.4642	0.473	1.9	NA	±20	Average RF
1,2-Dichloropropane	50.0	49.4	0.3481	0.3441	-1.2	NA	±20	Average RF
1,3-Dichlorobenzene	50.0	47.5	1.3128	1.2483	-4.9	NA	±20	Average RF
1,4-Dichlorobenzene	50.0	46.5	1.3754	1.2803	-6.9	NA	±20	Average RF
1,4-Dioxane	1000	871	0.007	0.0061	-12.9	NA	±20	Average RF
2-Butanone (MEK)	50.0	43.3	0.4754	0.4115	-13.4	NA	±20	Average RF
2-Hexanone	50.0	42.6	0.4749	0.4042	-14.9	NA	±20	Average RF
4-Methyl-2-pentanone	50.0	45.0	0.5208	0.4683	-10.1	NA	±20	Average RF
Acetone	50.0	39.4	0.3772	0.2969	-21.3*	NA	±20	Average RF
Benzene	50.0	51.9	1.2165	1.2632	3.8	NA	±20	Average RF
Bromochloromethane	50.0	48.8	0.314	0.3064	-2.4	NA	±20	Average RF
Bromodichloromethane	50.0	46.8	0.415	0.3883	-6.5	NA	±20	Average RF
Bromoform	50.0	43.0	0.2188	0.1882	-14.0	NA	±20	Average RF
Bromomethane	50.0	50.7	0.4294	0.3914	NA	1.3	±20	Quadratic
Carbon Disulfide	50.0	48.7	1.4625	1.4241	-2.6	NA	±20	Average RF
Carbon Tetrachloride	50.0	49.1	0.3405	0.3342	-1.9	NA	±20	Average RF
Chlorobenzene	50.0	48.8	0.9414	0.9185	-2.4	NA	±20	Average RF
Chloroethane	50.0	45.2	0.6774	0.4487	NA	-9.5	±20	Quadratic
Chloroform	50.0	50.8	0.8996	0.9139	1.6	NA	±20	Average RF
Chloromethane	50.0	47.4	0.8425	0.7987	-5.2	NA	±20	Average RF
Cyclohexane	50.0	47.8	0.3014	0.2883	-4.3	NA	±20	Average RF
Dibromochloromethane	50.0	46.4	0.3406	0.3161	-7.2	NA	±20	Average RF
Dichlorodifluoromethane (CFC 12)	50.0	60.4	0.5479	0.6617	20.8*	NA	±20	Average RF
Dichloromethane	50.0	51.0	0.5757	0.5275	NA	2.0	±20	Quadratic
Ethylbenzene	50.0	50.7	0.5017	0.5091	1.5	NA	±20	Average RF
Isopropylbenzene (Cumene)	50.0	51.3	1.4301	1.4663	2.5	NA	±20	Average RF
Methyl Acetate	50.0	41.7	0.7312	0.6095	-16.6	NA	±20	Average RF
Methyl tert-Butyl Ether	50.0	50.0	1.8296	1.8287	0.0	NA	±20	Average RF

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).

Exhibit D
Electronic Data Deliverable
(EDD)
(Provided Electronically)

jwolf@marksengineering.com

From: Noll, Rebecca <rnoll@LaBellaPC.com>
Sent: Monday, December 2, 2024 12:15 PM
To: NYENVEDD@dec.ny.gov; Gregory, Charles T (DEC)
Cc: jwolf@marksengineering.com
Subject: New GW EDD set for Modock Springs-DLS Sand and Gravel, Inc., Site 835013
Attachments: 20241202 1210.835013.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

MarksEngineering

Attachment B –
Annual Soil Vapor Point Sampling Report
October 2024 Sample Event

December 2024

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 for 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, it is requested that the soil vapor and groundwater sampling frequency be reduced to once every 18 months from its current annual frequency. Therefore, it is proposed that the next 18-month frequency sampling event would be planned for March of 2026. 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 sampling event.

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

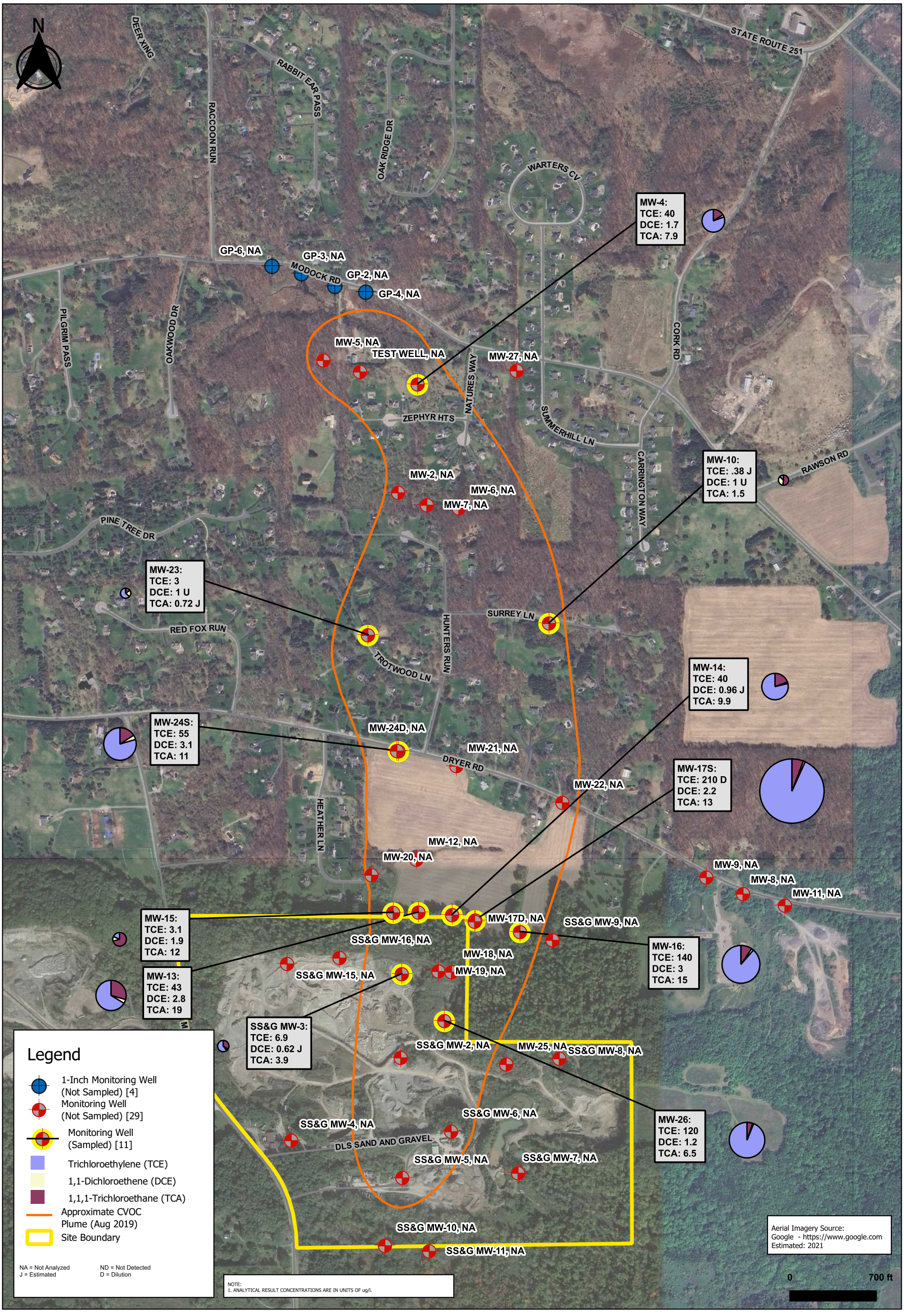
0 700 ft

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 Mapes PACE	9/30/24 1425	Jeff Mapes PACE	9/30/24 1053
Russell B. Bishop	9-30-24 1822	J Mapes ROCH.	9/30/24 14:25
	10/1/24 0030	Rob Mendoza PACE	10/1/24 0530

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

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	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 Mapl PACE	9/30/24 1425	Jeff Mapl PACE	9/30/24 1053
Russell B. Bishop	9-30-24 1822	Jeff Mapl Roch. C.	9/30/24 14:25
	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 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 Mazol PACE	9/30/24 1053
Jeff Mazol PACE	9/30/24 1425	J Mazol ROCH.	9/30/24 14:25
Russell B. Bishop	9-30-24 18:22		
	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 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

MarksEngineering

Attachment C –
Soil Vapor Intrusion Sampling Report
January 2025 Sample Event

February 2025

Revised May 2025

Soil Vapor Intrusion Sampling Report

January 2025 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 a soil vapor intrusion (SVI) sampling event at Property V on January 13 and 14, 2025 in association with SVI work for 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 SVI Sample Location Map is presented as **Figure 1**.

SVI sampling at this residential location was performed on the basis of a request received by NYSDEC from the property owner.

The Site is a New York State Department of Environmental Conservation (NYSDEC) Class 4 Inactive Hazardous Waste Disposal Site (Site No. 8-35-013). The scope of work presented herein is consistent with the Site Management Plan (SMP), and the NYSDEC Record of Decision (ROD), for the Site. This sample event included the collection of soil vapor samples from the residential home at Property V to evaluate potential SVI at this location.

The SVI sampling was performed in accordance with the New York State Department of Health (NYSDOH) *Guidance for Evaluating Soil Vapor Intrusion in the State of New York,* October 2006. The sampling (coordinated with the NYSDEC, NYSDOH and property owner) conducted on January 13 and 14, 2025 consisted of the following:

- Completion of a New York State Department of Health (NYSDOH) indoor air quality questionnaire and building inventory form.
- Installation of five SUMMA® canisters for the collection of ambient (outdoor) air, two indoor air, one sub-slab vapor sample, as well as a duplicate of the basement indoor air sample.
- Laboratory analysis of the five SUMMA® canister samples.
- Preparation of a Data Usability Summary Report (DUSR) by a third party (Environmental Data Useability, Dansville, NY).
- Submittal of electronic data deliverables (EDDs) of the sample event data to the NYSDEC for inclusion in the Site's existing EQuIS database.
- Preparation of a report (this Report) to summarize the results of the SVI sampling.

2.0 SITE DESCRIPTION AND HISTORY

A detailed description of the Site and its History is provided in the SMP. A concise description and 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 chlorinated volatile organic compounds (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 (PMM), 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.

Institutional and Engineering Controls (ICs and ECs) have been incorporated into the Site remedy to control exposure to the remaining residual contamination to ensure protection of public health and the environment. The environmental easement (EE) which has been imposed on the Site, and recorded with the Ontario County Clerk, requires compliance with the SMP and all the ECs and ICs placed on the Site in the SMP. A copy of the EE is provided in Appendix A of the SMP.

3.0 SCOPE OF WORK

On January 13 and 14, 2025, Marks Engineering collected five SUMMA® canisters of indoor air, sub-slab vapor, and ambient (outdoor) air samples at Property V. Three indoor air samples (including the duplicate of the basement indoor air sample), one sub-slab sample, and one ambient air sample were collected (See **Table 1**). The SVI sampling locations are presented in floor plan sketches provided in **Appendix A** and **Appendix C**.

3.1 Pre-Sampling Survey

NYSDOH guidance stipulates that chemical products in buildings must be inventoried when indoor air is sampled to provide an accurate assessment of the potential contribution of products used and stored inside to the indoor air concentrations. In addition, the type of structure, floor layout and physical conditions of the building being studied must be documented. Elements that may influence vapor intrusion into the building include building foundation conditions or utility appurtenances are documented.

The building survey consisted of identifying utility lines which penetrated the building foundation, identifying potential points of SVI through the building slab (e.g., cracks, gaps), using a photoionization detector (PID) to screen for volatile organic compounds (VOCs), and identifying other building construction details that could influence SVI.

Indoor air sampling results can be confounded by ambient or indoor sources of VOCs. Therefore, in addition to the survey elements noted above, the survey included an inventory of potential indoor VOC sources within the sampling area and documentation of occupant activities which may have an effect on indoor air quality. A sample of outside air was also collected to evaluate ambient source contribution to indoor air levels.

As part of the building survey, the NYSDOH *Indoor Air Quality Questionnaire and Building Inventory form* was completed. A comprehensive inventory of VOC sources was gathered, which included recording generalized descriptions of the types of materials stored in each area of the building and documenting the conditions using a digital camera and chemical inventory log.

A building floor plan sketch was recorded on the Questionnaire form. This sketch provides details as to the approximate location of potential sources of VOCs, and the sketch also includes locations where indoor air quality levels were measured with a PID. Copies of the completed Indoor Air Quality Questionnaire and Building Inventory forms are presented in **Appendix A**.

Representative photographs taken during the investigation activities are included in a photo log presented as **Appendix B**.

3.2 Soil Vapor Intrusion Sampling Activities

Marks Engineering followed the procedures for SVI sampling as outlined in the Field Sampling Plan (FSP), included as Appendix D of the SMP, for the collection of indoor air, sub-slab soil vapor, and ambient air samples. Samples were collected using 6-liter stainless steel SUMMA® vacuum canisters equipped with laboratory-calibrated fixed rate flow controllers. The flow controllers were calibrated by the laboratory to collect vapor samples for a period of twenty-four hours. 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 C**).

3.2.1 Property V

The owner of Property V was available to interview during the SVI sampling and to verify the information collected on the Indoor Air Quality Questionnaire and Building Inventory forms. This one-story ranch style home has a partially finished walk-out basement. Chemicals observed in the home were very limited but included some generic household cleaners stored in the living space; no chemical storage or petroleum containers were observed in the attached garage. A list of observed chemicals and PID readings recorded at various locations throughout the house is presented in **Appendix A**. The sub-slab soil vapor sample was collected near the center of the basement in an unfinished portion of the basement where the concrete slab was exposed. Potential SVI pathways observed included expansion joints and cracks in the concrete floor and the perimeter gap between the floating slab and the concrete block wall; foam was present in this gap, but it did not appear to be airtight. Some of the concrete floor in the finished portions of the basement was covered with carpet and not visible for inspection. Overall, the concrete flatwork in the basement seemed to be of good quality and the slab was in very good condition.

The basement indoor air sample was collected in the adjacent large main room in a finished portion of the basement. A duplicate indoor air sample was also collected at this location. For the duplicate indoor air sample collected at this location, a second canister was set up directly next to the first canister. The indoor air canisters were set atop a table to achieve the required sample collection height.

The first floor indoor air sample was collected at the table adjacent to the kitchen and main living room. The floor plan was an open style with the front entry, main living area, kitchen and dining area all open to a common space with no walls separating the various spaces. The indoor air canister was set atop an existing table to achieve the required sample collection height.

An ambient air sample was collected concurrently with the indoor air and sub-slab samples. The ambient air sample was collected outside the structure at the rear of the home. The sample was placed atop an existing staircase to achieve the required sample collection height.

4.0 RESULTS AND EVALUATION

This section summarizes and discusses the analytical data collected during the investigation.

4.1 Sample Analyses

Marks Engineering personnel collected five samples from one residential location as described above in Section 3 and on **Table 1**. Samples were submitted to Pace Analytical Services, LLC (Pace) in Westborough, Massachusetts. Pace is an Environmental Laboratory Analytical Program (ELAP)-certified laboratory, which is also certified by the NYSDOH, for United Stated Environmental Protection Agency (USEPA) Method TO-15.

The samples were analyzed for the standard TO-15 compounds. The 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. Chain-of-custody documentation was maintained throughout sample collection and analysis in accordance with the Quality Assurance Project Plan (QAPP) incorporated as Appendix E of the SMP. The chain of custody form is provided as **Appendix D**. 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 analytical results were confirmed through an independent validation process; a DUSR was produced for the sample set. As noted in the DUSR (**Exhibit C**), all data was deemed valid and useable; however, some of the data were qualified due to some minor deficiencies.

At the request of the NYSDEC, the laboratory results were also provided in an EDD format. The EDD, which incorporated the validated laboratory results, was submitted to the NYSDEC on February 5, 2025 (see **Exhibit D**).

4.2 Results for Property V

Table 2 presents a summary of the compounds detected beneath, inside and outside this residence during the January 2025 sampling event summarized as follows:

- TCA was detected at a concentration of 0.540 micrograms per cubic meter ($\mu g/m^3$) beneath the basement slab. There were no other detections of TCA, TCE or 1,1-DCE in any of the other samples collected beneath, inside or outside the residence.

- Other non-site related VOCs were detected in the SVI samples; however, all detections were below the action levels outlined in the most recent NYSDOH indoor air matrices (updated February 2024), NYSDOH's August 2015 Fact Sheet on TCE in Indoor and Outdoor Air, NYSDOH's plain language guidance on TCE in Indoor and Outdoor Air, and NYSDOH's September 2013 Fact Sheet on PCE in Indoor and Outdoor Air.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The following summarizes the conclusions from the January 2025 sampling event and presents recommendations for follow-on actions.

5.1 Property V

TCA was detected at a concentration of 0.540 µg/m^3 beneath the basement slab. There were no other detections of TCA, TCE or 1,1-DCE in any of the other samples collected beneath, inside or outside the residence.

Based on Marks Engineering review of the January 2025 sample results, SVI does not appear to be occurring at this location. There was only one detection of TCA (0.540 µg/m^3) below the basement slab as described above, and no other detections of site related compounds (TCA, TCE or 1,1-DCE) in the five SVI samples. Other non-site related VOCs were detected in the SVI samples; however, all detections were below the action levels outlined in the most recent NYSDOH indoor air matrices. The detected concentrations of VOCs during this sample event were all below applicable NYSDOH action levels presented in the *NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, October 2006. Specifically, the concentrations of TCE, TCA and 1,1-DCE indicate *no further action to address human exposure* per the NYSDOH indoor air matrices presented in the 2006 NYSDOH guidance document.

No further action at this time is recommended at this residence. SS&G will continue with the groundwater and soil vapor monitoring program as documented in the SMP.

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

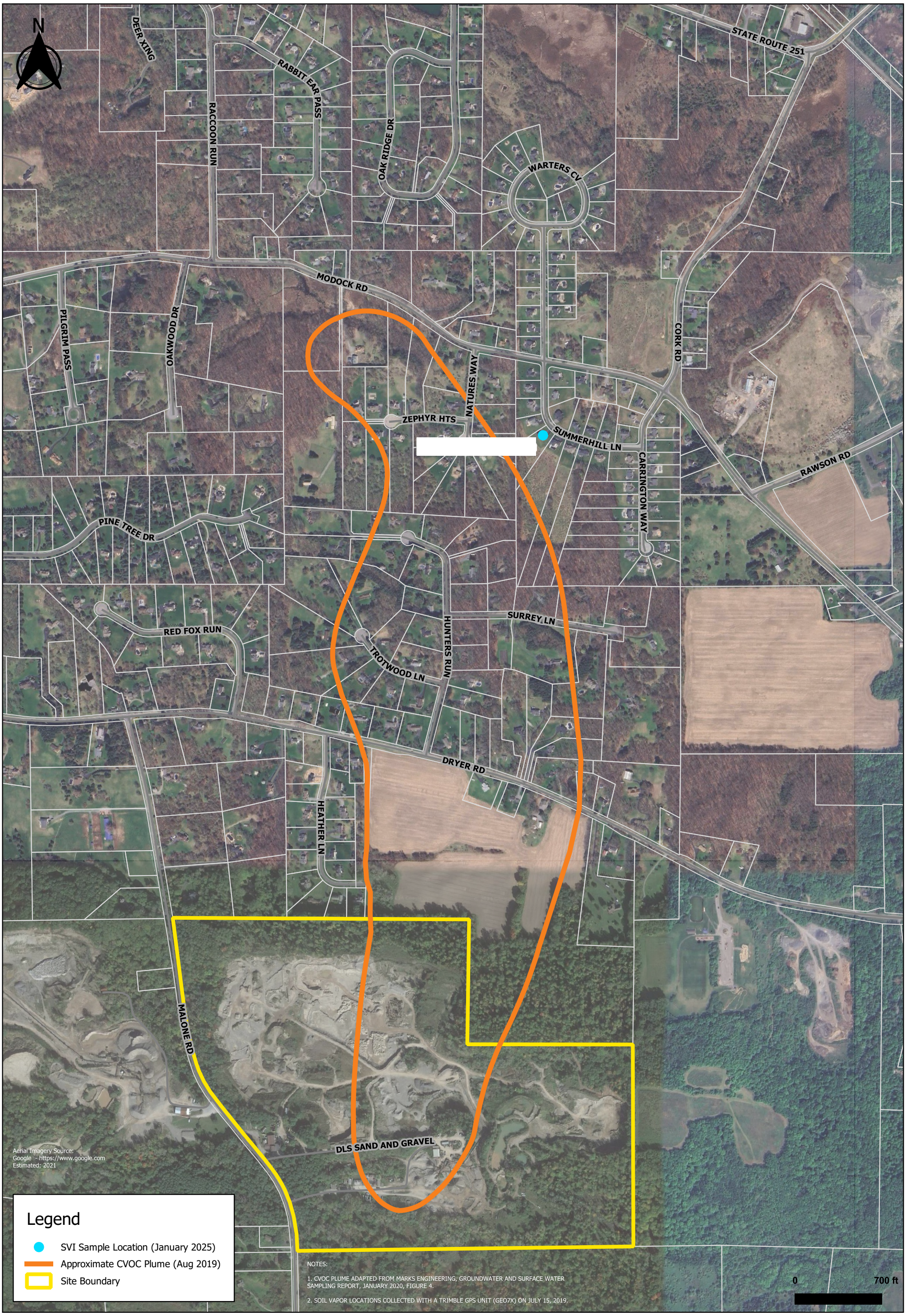
NYSDEC, 2010, *Record of Decision*, Modock Road Springs/DLS Sand and Gravel, Inc. Site Town of Victor, Ontario County, New York Site Number 8-35-013, January 2010

NYSDOH, 2006, *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (as amended through February 2024), October 2006

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

MarksEngineering

Figures



FEBRUARY 2025 SOIL VAPOR INTRUSION 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 INTRUSION SAMPLE

MarksEngineering

MarksEngineering

Tables

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

SVI Sample Location	**Sub-Slab Basement**	**Indoor Air Basement**	**Indoor Air Basement (Blind Laboratory Duplicate)**	**Indoor Air 1st Floor**	**Ambient Air**
Property V	SS-Basement	IA-Basement	DUP011325	IA-1st Floor	AA

Table 2
VAPOR INTRUSION VOCs ANALYTICAL DATA
January 2025 Sample Event
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Volatile Organic Compounds	UNIT	AA- 1/15/2025	IA- 1/15/2025	IA-BASEMENT- 1/15/2025	DUP011325 IA-BASEMENT- 1/15/2025	SS-BASEMENT- 1/15/2025
Contaminants of Concern							
79-01-6	Trichloroethene (TCE)	ug/m3	< 0.107	< 0.107	< 0.107	< 0.107	< 0.107
71-55-6	1,1,1-Trichloroethane (TCA)	ug/m3	< 0.109	< 0.109	< 0.109	< 0.109	**0.540**
75-35-4	1,1-Dichloroethene (DCE)	ug/m3	< 0.079	< 0.079	< 0.079	< 0.079	< 0.079
	Total Concentrations	ug/m3	0	0	0	0	0.54
Other Compounds							
75-34-3	1,1-Dichloroethane	ug/m3	< 0.081	< 0.081	< 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
79-34-5	1,1,2,2-Tetrachloroethane	ug/m3	< 0.137	< 0.137	< 0.137	< 0.137	< 0.137
120-82-1	1,2,4-Trichlorobenzene	ug/m3	< 0.371	< 0.371	< 0.371	< 0.371	< 0.371
95-63-6	1,2,4-Trimethylbenzene	ug/m3	< 0.098	**0.162**	**0.167**	**0.133**	**6.74**
106-93-4	1,2-Dibromoethane	ug/m3	< 0.154	< 0.154	< 0.154	< 0.154	< 0.154
95-50-1	1,2-Dichlorobenzene	ug/m3	< 0.120	< 0.120	< 0.120	< 0.120	< 0.120
107-06-2	1,2-Dichloroethane	ug/m3	**0.089**	**0.154**	**0.146**	**0.166**	< 0.081
78-87-5	1,2-Dichloropropane	ug/m3	< 0.092	< 0.092	< 0.092	< 0.092	< 0.092
108-67-8	1,3,5-Trimethybenzene	ug/m3	< 0.098	< 0.098	< 0.098	< 0.098	**1.92**
106-99-0	1,3-Butadiene	ug/m3	< 0.044	< 0.044	< 0.044	< 0.044	< 0.044
541-73-1	1,3-Dichlorobenzene	ug/m3	< 0.120	< 0.120	< 0.120	< 0.120	< 0.120
106-46-7	1,4-Dichlorobenzene	ug/m3	< 0.120	< 0.120	< 0.120	< 0.120	< 0.120
123-91-1	1,4-Dioxane	ug/m3	< 0.360	< 0.360	< 0.360	< 0.360	**1.15**
540-84-1	2,2,4-Trimethylpentane	ug/m3	< 0.934	< 0.934	< 0.934	< 0.934	**2.19**
78-93-3	2-Butanone	ug/m3	< 1.47	< 1.47	< 1.47	< 1.47	**3.69**
591-78-6	2-Hexanone	ug/m3	< 0.820	< 0.820	< 0.820	< 0.820	< 0.820
107-05-1	3-Chloropropene	ug/m3	< 0.626	< 0.626	< 0.626	< 0.626	< 0.626
622-96-8	4-Ethyltoluene	ug/m3	< 0.098	< 0.098	< 0.098	< 0.098	**1.28**
108-10-1	4-Methyl-2-pentanone	ug/m3	< 2.05	< 2.05	< 2.05	< 2.05	< 2.05
67-64-1	Acetone	ug/m3	**2.57**	**9.88**	**9.53**	**7.51**	**55.6**
71-43-2	Benzene	ug/m3	**0.351**	< 0.319	**0.342**	**0.339**	**3.71**
100-44-7	Benzyl chloride	ug/m3	< 0.518	< 0.518	< 0.518	< 0.518	< 0.518
75-27-4	Bromodichloromethane	ug/m3	< 0.134	**1.55**	**1.47**	**1.51**	< 0.134
75-25-2	Bromoform	ug/m3	< 0.207	< 0.207	< 0.207	< 0.207	< 0.207
74-83-9	Bromomethane	ug/m3	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078
75-15-0	Carbon disulfide	ug/m3	< 0.623	< 0.623	< 0.623	< 0.623	**1.11**
56-23-5	Carbon tetrachloride	ug/m3	**0.591**	**0.554**	**0.535**	**0.547**	**0.447**
108-90-7	Chlorobenzene	ug/m3	< 0.461	< 0.461	< 0.461	< 0.461	< 0.461
75-00-3	Chloroethane	ug/m3	< 0.264	< 0.264	< 0.264	< 0.264	< 0.264
67-66-3	Chloroform	ug/m3	**0.107**	**3.62**	**3.36**	**3.39**	**0.283**
74-87-3	Chloromethane	ug/m3	**0.929 J**	**0.816 J**	**0.783 J**	**0.787 J**	< 0.413 UJ
156-59-2	cis-1,2-Dichloroethene	ug/m3	< 0.079	< 0.079	< 0.079	< 0.079	< 0.079
10061-01-5	cis-1,3-Dichloropropene	ug/m3	< 0.091	< 0.091	< 0.091	< 0.091	< 0.091
110-82-7	Cyclohexane	ug/m3	< 0.688	< 0.688	< 0.688	< 0.688	**6.64**
124-48-1	Dibromochloromethane	ug/m3	< 0.170	**0.528**	**0.494**	**0.434**	< 0.170
75-71-8	Dichlorodifluoromethane	ug/m3	**2.84**	**2.72**	**2.71**	**2.67**	**2.65**
64-17-5	Ethanol	ug/m3	< 9.42	**107**	**90.1**	**98.7**	**27.9**
141-78-6	Ethyl Acetate	ug/m3	< 1.80	< 1.80	< 1.80	< 1.80	< 1.80
100-41-4	Ethylbenzene	ug/m3	< 0.087	**0.786**	**0.825**	**0.821**	**2.85**
76-13-1	Freon-113	ug/m3	**0.606**	**0.560**	**0.560**	**0.537**	**0.598**
76-14-2	Freon-114	ug/m3	< 0.349	< 0.349	< 0.349	< 0.349	< 0.349
142-82-5	Heptane	ug/m3	< 0.820	< 0.820	< 0.820	< 0.820	**10.2**
87-68-3	Hexachlorobutadiene	ug/m3	< 0.533	< 0.533	< 0.533	< 0.533	< 0.533
67-63-0	Isopropanol	ug/m3	< 2.46	**14.7**	**11.9**	**14.9**	**11.7**
1634-04-4	Methyl tert butyl ether	ug/m3	< 0.721	< 0.721	< 0.721	< 0.721	< 0.721
75-09-2	Methylene chloride	ug/m3	< 1.74	< 1.74	< 1.74	< 1.74	< 1.74
91-20-3	Naphthalene	ug/m3	< 0.262	< 0.262	< 0.262	< 0.262	**0.540**
110-54-3	n-Hexane	ug/m3	< 0.705	< 0.705	< 0.705	< 0.705	**13.2 NJ**
95-47-6	o-Xylene	ug/m3	< 0.087	**1.49**	**1.58**	**1.59**	**4.23**
179601-23-1	p/m-Xylene	ug/m3	< 0.174	**3.84**	**4.12**	**4.09**	**11.3**
100-42-5	Styrene	ug/m3	< 0.085	**0.324**	**0.366**	**0.349**	**0.515**
75-65-0	Tertiary butyl Alcohol	ug/m3	< 1.52	< 1.52	< 1.52	< 1.52	**15.1**
127-18-4	Tetrachloroethene	ug/m3	< 0.136	< 0.136	< 0.136	< 0.136	**22.6**
109-99-9	Tetrahydrofuran	ug/m3	< 1.47	< 1.47	< 1.47	< 1.47	< 1.47
108-88-3	Toluene	ug/m3	< 0.377	**0.516**	**0.520**	**0.471**	**15.1**
156-60-5	trans-1,2-Dichloroethene	ug/m3	< 0.079	< 0.079	< 0.079	< 0.079	**0.111**
10061-02-6	trans-1,3-Dichloropropene	ug/m3	< 0.091	< 0.091	< 0.091	< 0.091	< 0.091
75-69-4	Trichlorofluoromethane	ug/m3	**1.34**	**1.31**	**1.33**	**1.33**	**1.28**
593-60-2	Vinyl bromide	ug/m3	< 0.874	< 0.874	< 0.874	< 0.874	< 0.874
75-01-4	Vinyl chloride	ug/m3	< 0.051	< 0.051	< 0.051	< 0.051	< 0.051

NOTES:

Bolded results detected above the Reporting Limit.

µg/m3: microgram per meter cubed NA Indicates Not Analyzed

Samples were analyzed by Alpha Analytical in Westborough, Massachusetts.

"Contaminants of Concern": Table 1 January 2010 NYSDEC Record of Decision

Shaded cells are most recent samples.

Appendix A

Indoor Air Quality Questionnaire and Building Inventory Form

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Jeremy Wolf Date/Time Prepared 1/13/25

Preparer's Affiliation Marks Eng PC Phone No. 585-500-8392

Purpose of Investigation SUI

1. OCCUPANT:

Interviewed: (Y) / N

Last Name: _____ First Name: _____

Address: _____

County: Ontario (cell)

Home Phone: _____ Office Phone: NA

Number of Occupants/persons at this location _____ Age of Occupants _____

2. (OWNER) OR LANDLORD: (Check if same as occupant Y)

Interviewed: Y / N N/A

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

(Residential) School Commercial/Multi-use
Industrial Church Other: _____

If the property is residential, type? (Circle appropriate response)

(Ranch)	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? NA

If the property is commercial, type?

Business Type(s) No

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics: includes

Number of floors 2 & Finished Basement Building age Built 2021 New Construction

Is the building insulated? (Y) / N How air tight? (Tight) / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Forced Air Heat & AC - Finished Basement & first floor on same system.

Airflow near source

N/A

Outdoor air infiltration

Tight construction.

Infiltration into air ducts

Minimal

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other 15 course Block Finished Basement
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with Some carpet in areas	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with tar on exterior	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable	some, minimal		

Basement/Lowest level depth below grade: walkout (feet) 15 course Basement Walkout

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Tight modern construction. Slab in excellent condition.
Cracking along control joints in basement slab.
The control joints are presently not sealed.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard in basement to supplement forced air	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Natural gas

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other_____
Air conditioning:	Central Air	Window units	Open Windows	None

Are there air distribution ducts present? (Y) / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Tight Good ~~BHD~~. Build quality - Duct work seams taped at furnace ingress/egress. See photos.

7. OCCUPANCY

Basement serves as primary workspace for male occupant of home.

Is basement/lowest level occupied? (Full-time) Occasionally Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	Work & Recreational Space. unused Bedroom
1st Floor	Living Space & 1st Floor master bedroom & guestroom
2nd Floor	~~Bedrooms/Storage~~ NA
3rd Floor	NA
4th Floor	NA

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? (Y) / N

b. Does the garage have a separate heating unit? Y (N) NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) (Y) / N / NA Please specify just vehicles. no petroleum storage.

d. Has the building ever had a fire? Y (N) When? _____

e. Is a kerosene or unvented gas space heater present? (Y) N Where? Natural gas inset fireplace on 1st floor

f. Is there a workshop or hobby/craft area? (Y) N Where & Type? Basement

g. Is there smoking in the building? Y (N) How frequently? _____

h. Have cleaning products been used recently? Y (N) When & Type? _____

i. Have cosmetic products been used recently? Y (N) When & Type? _____

j. Has painting/staining been done in the last 6 months? Y (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? Y (N) Where & When? _____

l. Have air fresheners been used recently? Y (N) When & Type? _____

m. Is there a kitchen exhaust fan? (Y) / N If yes, where vented? to exterior

n. Is there a bathroom exhaust fan? (Y) / N If yes, where vented? 2 to exterior

o. Is there a clothes dryer? (Y) / N If yes, is it vented outside? (Y) / N Natural Gas

p. Has there been a pesticide application? (Y) / N When & Type? Seasonal Applications

Are there odors in the building? Y / (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) (No)
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? (Y) / N Date of Installation: 4/22/2021
Is the system active or passive? (Active)/Passive

Fan in attic, main over bedrooms.

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: N/A

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

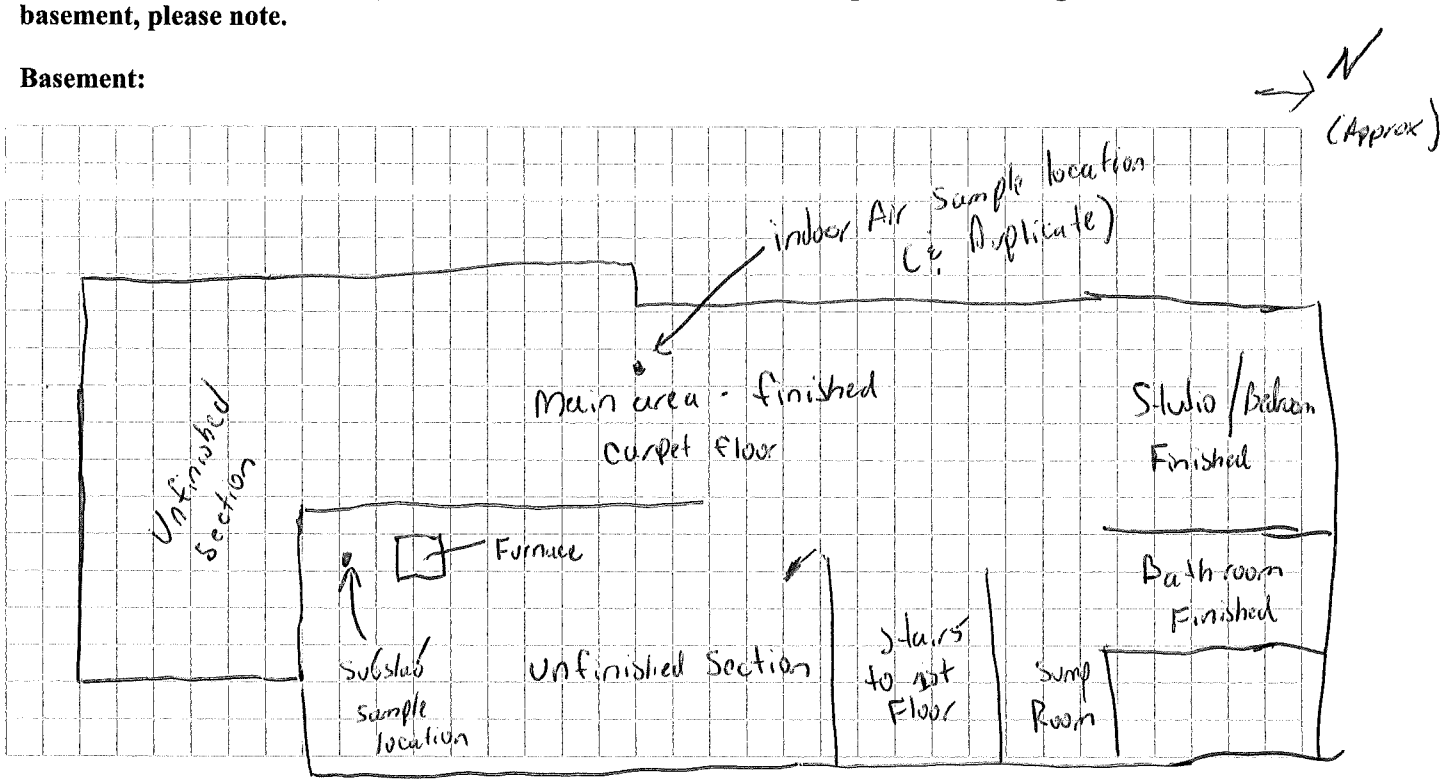
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

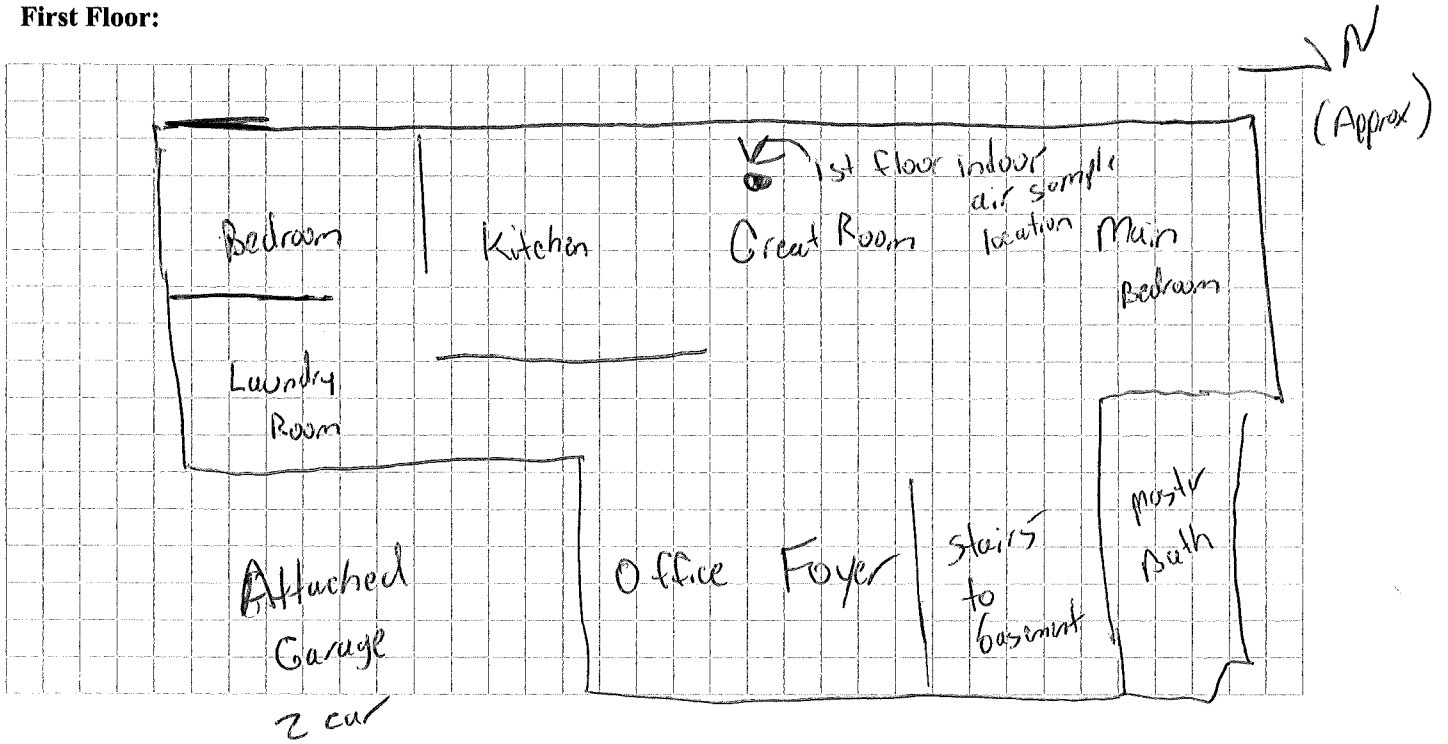
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



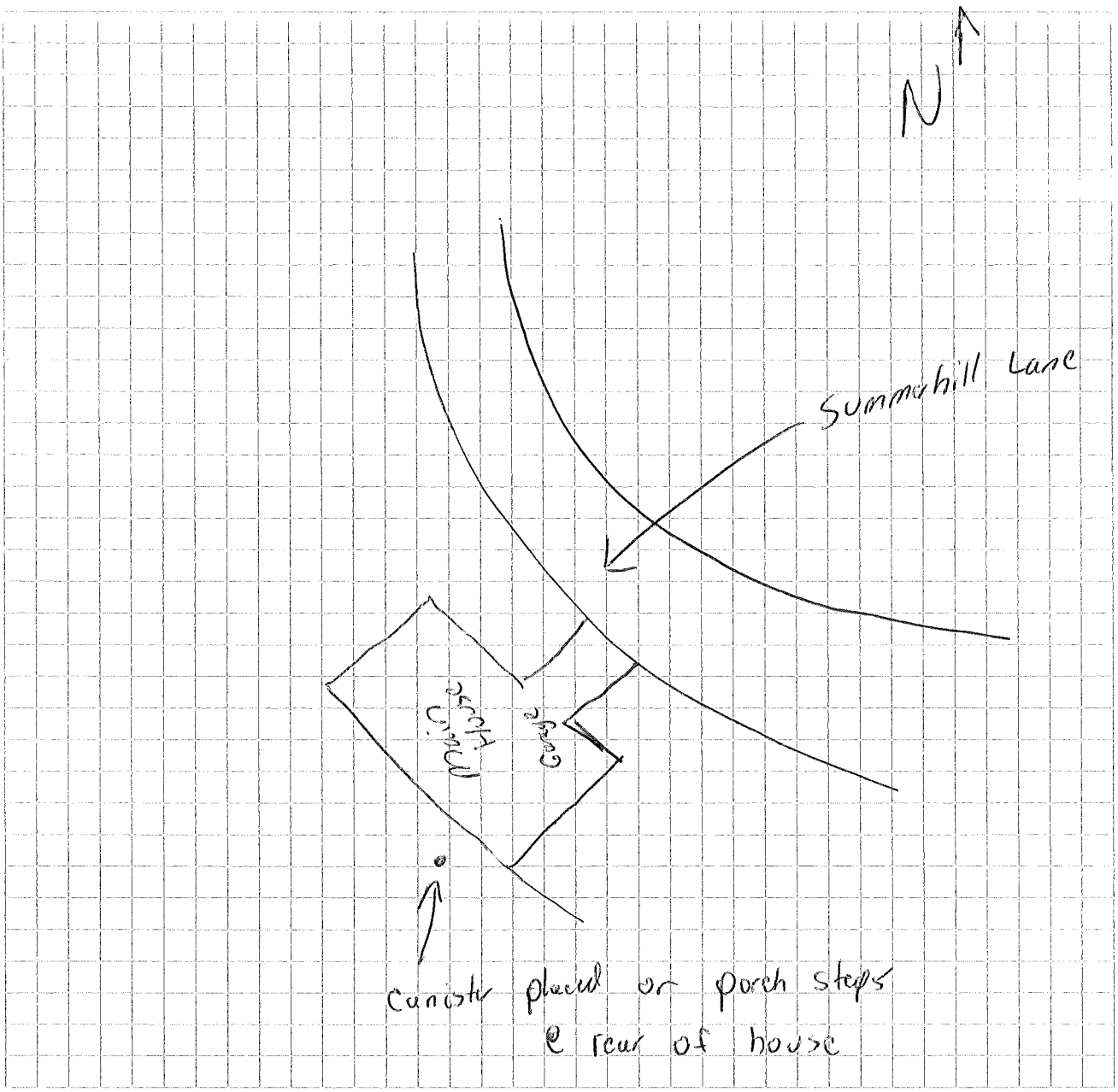
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Last Service & Bench Calibration 1/9/2025

Make & Model of field instrument used: RAE MultiRAE

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Very little chemical storage observed in Building. No petroleum storage (other than vehicles) inside garage. Screened air space of entire home w/ PID all readings 0.0 ppm						
Garage indoor air (door open) = 0.0 ppm						
Basement paint storage area & sump Room = 0.0 ppm						
Expansion cracks in basement slab = 0.0 PPM						
Basement indoor Air = 0.0 ppm						
1st floor indoor Air = 0.0 ppm						
cleaning chemical storage cabinet in kitchen = 0.0 ppm						
utility closet 1st floor w/ cleaning chemicals & first aid = 0.0 ppm						
Perimeter of basement slab = 0.0 ppm						
Exterior ambient air = 0.0 ppm						

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Appendix B
Photographs

APPENDIX B – PHOTOGRAPHIC LOG

Photo 1 – HVAC System

Photo 2 – HVAC Ductwork (typ.)

Photo 3 – Sump room and paint storage in basement

Photo 4 – Basement slab expansion joint (typ.)

Photo 5 – Basement slab perimeter (typ.)

MarksEngineering

Appendix C

Soil Vapor Intrusion Sampling Logs

Basement

Sub-slab Vapor (Canister) Sample Collection Field Form

Project #	25-007	Date	1/13/25
Project Name	DLS/Modock Rd. Springs NYSDEC #835013	Personnel	Jeremy Wolf - Marks Engineering PC

Sample ID	SS-Basement-	Vacuum gauge "zero" ("Hg)	Y
Start Date/Time	1/13/25 1110	Start Pressure ("Hg)	-29.48
End Date/Time	1/14/25 1045	End Pressure ("Hg)	-9.44
Canister ID	3261	End pressure > "zero"?	Y
Flow controller ID	01564	Sampling duration (intended)	24 HR
Associated indoor air sample ID	IA-Basement	Associated ambient air sample ID	AA

Tubing type used	3'	Length of tubing	/ cm	Tubing volume	/ cc
Volume purged	/ cc @	/ min	1 to 3 volumes purged @ < 200cc/min?		Y

Weather Conditions at Start of Sampling:

Air temperature (°F)	30°	Rainfall	No	Wind direction	
Barometric pressure				Wind speed (mph)	Gusts to 30mph

Substantial changes in weather conditions during sampling or over the past 24 to 48 hrs:
Pressure drop & cold front moving in prior to start of sample collection.

Indoor air temp (°F)	~70°	Indoor relative humidity (%)	/
Building Survey and Chemical Inventory Form Completed?	Y	Photograph IDs	See report

Floor Plan showing sample location, HVAC equipment, indoor air sources, preferential pathways

See Questionaire Floor Plan

Comments: Both sump pumps present in basement are well sealed.
Basement slab in excellent condition.
Control joints present. No sealant on control joints.
Open cell foam present in perimeter gap around basement slab however no self leveling gap filler present above foam.
Radon system is off and has been off for approx 5 days prior to start of sample event.

Basement

Indoor Air (Canister) Sample Collection Field Form

Project #	25-007	Date	1/13/25
Project Name	DLS/Modock Rd Springs NYSDEC #835013	Personnel	Jeremy Wolf - Marks Engineering PC

Sample ID	IA-Basement-	Vacuum gauge "zero" ("Hg)	Y
Start Date/Time	1/13/25 1120	Start Vacuum ("Hg)	-29.36
End Date/Time	1/14/24 1040	End Vacuum ("Hg)	-7.48
Canister ID	3471	End Vacuum > "zero"?	Y
Flow controller ID	02732	Sampling duration (intended)	24 HR
Associated ambient air sample ID	NA-	Associated sub-slab vapor sample ID	SS-Basement-

Tubing type used NA No tubing Length of tubing / cm Tubing volume / cc

Volume purged / cc @ / min 1 to 3 volumes purged @ < 200cc/min? /

Weather Conditions at Start of Sampling:

Air temperature (°F) 30° Rainfall No Wind direction

Barometric pressure Relative humidity Wind speed (mph) Gusts to 30 mph

Substantial changes in weather conditions during sampling or over the past 24 to 48 hrs:

Pressure drop & cold front moving in prior to start of sample collection.

Indoor air temp (°F) ~70° Indoor relative humidity (%) /

Building Survey and Chemical Inventory Form Completed? Y Photograph IDs See Report

Floor Plan showing sample location, HVAC equipment, indoor air sources, preferential pathways

See Questionnaire Floor Plan

Comments: Collected Blind Lab Dup here

DUP ID: DUP011325 Start Vacuum: -29.64

CAN ID: 3151 End Vacuum: -7.96

Flow ID: 02685

Start Time: 1200

End Time: 1120

1st Floor

Indoor Air (Canister) Sample Collection Field Form

Project #	25-007	Date	1/13/25
Project Name	DLS/Modock Rd Springs NYSDEC #835013	Personnel	Jeremy Wolf - Marks Engineering PC

Sample ID	IA-1stFloor-	Vacuum gauge "zero" ("Hg)	Y
Start Date/Time	1/13/25 ~~1125~~ 1125	Start Vacuum ("Hg)	-29.47
End Date/Time	1/14/24 1110	End Vacuum ("Hg)	-9.30
Canister ID	2983	End Vacuum > "zero"?	Y
Flow controller ID	02676	Sampling duration (intended)	24 HR

Associated ambient air sample ID AA- Associated sub-slab vapor sample ID SS-Basement

Tubing type used	None	Length of tubing	/ cm	Tubing volume	/ cc
Volume purged	/ cc @	/ min	1 to 3 volumes purged @ < 200cc/min?		/

Weather Conditions at Start of Sampling:

Air temperature (°F)	30°	Rainfall	No	Wind direction	
Barometric pressure		Relative humidity		Wind speed (mph)	Gusts to 30 mph

Substantial changes in weather conditions during sampling or over the past 24 to 48 hrs:

Pressure drop & cold front moving in prior to start of sample collection event.

Indoor air temp (°F)	~70°	Indoor relative humidity (%)	/
Building Survey and Chemical Inventory Form Completed?	X	Photograph IDs	See Report

Floor Plan showing sample location, HVAC equipment, indoor air sources, preferential pathways

See Questionnaire Floor Plan

Comments:

Outside

Ambient Air (Canister) Sample Collection Field Form

Project #	25-007	Date	1/13/25
Project Name	DLS/Modock Rd Springs NYSDEC #835013	Personnel	Jeremy Wolf - Marks Engineering PC

Sample ID	AA-	Vacuum gauge "zero" ("Hg)	Y
Start Date/Time	1/13/25 1130	Start Pressure ("Hg)	-29.99
End Date/Time	1/14/25 1030	End Pressure ("Hg)	-3.10
Canister ID	3139	End pressure > "zero"?	Y
Flow controller ID	01564 02711	Sampling duration (intended)	24 hrs

Tubing type used N/A No tubing Length of tubing ____ cm Tubing volume ____ cc

Volume purged ____ cc @ ____ min 1 to 3 volumes purged @ < 200cc/min? ____

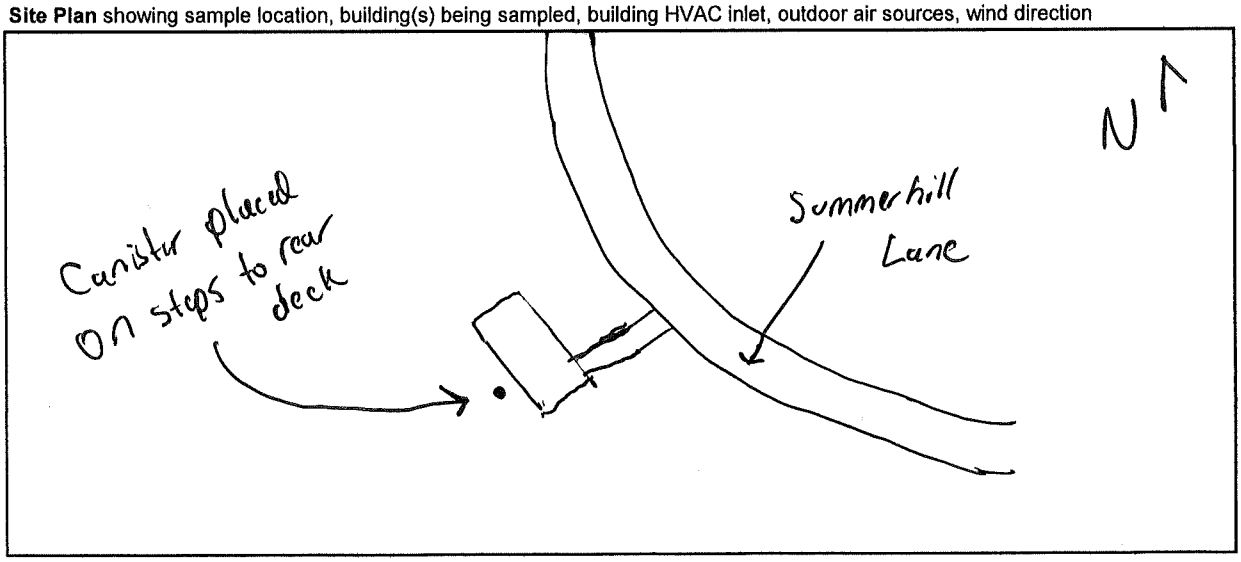
Weather Conditions at Start of Sampling:

Air temperature (°F)	30°	Rainfall	No	Wind direction	
Barometric pressure		Relative humidity		Wind speed (mph)	Gusts to 30 mph

Substantial changes in weather conditions during sampling or over the past 24 to 48 hrs:

Pressure drop & cold front moving in prior to start of sample collection.

Site Plan showing sample location, building(s) being sampled, building HVAC inlet, outdoor air sources, wind direction



Comments:

MarksEngineering

Appendix D
Chain of Custody Form

AIR ANALYSIS

ALPHA ANALYTICAL

CHAIN OF CUSTODY

PAGE 1 OF 1

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

Date Rec'd in Lab: 1/16/25

ALPHA Job #: L2502417

Client Information

Client: Marks Engineering PC

Address: 4303 Routes 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: OLS/Modock Rd. Springs

Project Location: Victor NY

Project #: 25-007

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: CAT B NYSDEC EDD
Report to: (if different than Project Manager) JWolf@MarksEngineering.com

Billing Information

☑ Same as Client info PO #: 25-007

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 2025 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)
02417-01	SS-Basement	1/14	1110	1045	-29.48	-9.44	SS	JW	6L	3261	01564	X					
02	IA-Basement-	1/14/25	1120	1040	-29.36	-7.48	IA	JW	6L	3471	02732	X					
03	IA-1st Floor-	1/14/25	1125	1110	-29.47	-9.30	IA	JW	6L	2983	02676	X					
04	AA-	1/14/25	1130	1030	-29.99	-3.10	AA	JW	6L	3139	02711	X					
05	DUP011325	1/14/25	1200	1120	-29.64	-7.96	IA	JW	6L	3471	02732	X					

All 24 HR samples

*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:
J. Wolf	1/15/25 1315	NSMI-PACE Roch NY	1/15/25 1715
NSMI-PACE	1/15/25 1315		1/15/25 1315
Jason	1/16/25 0530 / 1/16/25 09:00	A. Mendoza AAL	1/15/25 2300 / 1/16/25 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)

1/16/25 0725 ... 1/16/25 0725 A. Mendoza AAL

MarksEngineering

Exhibit A
Laboratory Report
(Results Only)

ANALYTICAL REPORT

Lab Number:	L2502417
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:	25-007
Report Date:	01/30/25

Certifications & Approvals: NH ELAP (2249).

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007

Lab Number: L2502417
Report Date: 01/30/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2502417-01	SS-BASEMEN	SOIL_VAPOR	VICTOR NY	01/14/25 10:45	01/15/25
L2502417-02	IA-BASEMENT	AIR	VICTOR NY	01/14/25 10:40	01/15/25
L2502417-03	IA-1ST FLOOR	AIR	VICTOR NY	01/14/25 11:10	01/15/25
L2502417-04	AA	AIR	VICTOR NY	01/14/25 10:30	01/15/25
L2502417-05	DUP011325	AIR	VICTOR NY	01/14/25 11:20	01/15/25

Project Name:	DLS/MODOCK RD. SPRINGS	**Lab Number:**	L2502417
Project Number:	25-007	**Report Date:**	01/30/25

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 Pace 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, Pace'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 Pace Project Manager and made arrangements for Pace 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:**	L2502417
Project Number:	25-007	**Report Date:**	01/30/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on January 9, 2025. The canister certification data is provided as an addendum.

The WG2024447-3 LCS recovery associated with L2502417-01 through -05 is above the upper 130% acceptance limit for 1,2-dibromo-3-chloropropane (136%). All samples associated with this LCS do not have reportable amounts of this analyte.

The WG2024447-3 LCS recovery associated with L2502417-01 through -05 is below the lower 70% acceptance limit for chloromethane (65%). All samples associated with this LCS this compound is being reportable low bias.

Sample Receipt

The canister ID number for the sample designated DUP011325 (L2502417-05) is listed on the CoC as 3471 but should be 3151.

The flow controller ID number for the sample designated DUP011325 (L2502417-05) is listed on the CoC as 02732 but should be 02685.

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: 01/30/25

AIR

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

SAMPLE RESULTS

Lab ID: L2502417-01
Client ID: SS
Sample Location: VICTOR NY

Date Collected: 01/14/25 10:45
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/29/25 02:19
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.536	0.200	--	2.65	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	14.8	5.00	--	27.9	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	23.4	1.00	--	55.6	2.38	--		1
Trichlorofluoromethane	0.228	0.050	--	1.28	0.281	--		1
Isopropanol	4.76	1.00	--	11.7	2.46	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	4.99	0.500	--	15.1	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.355	0.200	--	1.11	0.623	--		1
Freon-113	0.078	0.050	--	0.598	0.383	--		1
trans-1,2-Dichloroethene	0.028	0.020	--	0.111	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	1.25	0.500	--	3.69	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

SAMPLE RESULTS

Lab ID: L2
Client ID: SS
Sample Location: VICTOR NY

Date Collected: 01/14/25 10:45
Date Received: 01/15/25
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	0.058	0.020	--	0.283	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	3.75	0.200	--	13.2	0.705	--		1
1,1,1-Trichloroethane	0.099	0.020	--	0.540	0.109	--		1
Benzene	1.16	0.100	--	3.71	0.319	--		1
Carbon tetrachloride	0.071	0.020	--	0.447	0.126	--		1
Cyclohexane	1.93	0.200	--	6.64	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	0.320	0.100	--	1.15	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	0.469	0.200	--	2.19	0.934	--		1
Heptane	2.48	0.200	--	10.2	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	4.00	0.100	--	15.1	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	3.34	0.020	--	22.6	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.656	0.020	--	2.85	0.087	--		1

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

SAMPLE RESULTS

Lab ID: L2502417-01
Client ID: SS-BASEMENT
Sample Location: VICTOR NY

Date Collected: 01/14/25 10:45
Date Received: 01/15/25
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	2.61	0.040	--	11.3	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.121	0.020	--	0.515	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.975	0.020	--	4.23	0.087	--		1
4-Ethyltoluene	0.261	0.020	--	1.28	0.098	--		1
1,3,5-Trimethybenzene	0.390	0.020	--	1.92	0.098	--		1
1,2,4-Trimethylbenzene	1.37	0.020	--	6.74	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	0.103	0.050	--	0.540	0.262	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	103		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	104		60-140

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

SAMPLE RESULTS

Lab ID: L2502417-02
Client ID: IA-BASEMEN
Sample Location: VICTOR NY

Date Collected: 01/14/25 10:40
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/28/25 20:41
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.548	0.200	--	2.71	0.989	--		1
Chloromethane	0.379	0.200	--	0.783	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	47.8	5.00	--	90.1	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.01	1.00	--	9.53	2.38	--		1
Trichlorofluoromethane	0.236	0.050	--	1.33	0.281	--		1
Isopropanol	4.86	1.00	--	11.9	2.46	--		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	0.073	0.050	--	0.560	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

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

SAMPLE RESULTS

Lab ID: L2502417-02
Client ID: IA-BASEMENT
Sample Location: VICTOR NY

Date Collected: 01/14/25 10:40
Date Received: 01/15/25
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	0.689	0.020	--	3.36	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	0.036	0.020	--	0.146	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.107	0.100	--	0.342	0.319	--		1
Carbon tetrachloride	0.085	0.020	--	0.535	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	0.220	0.020	--	1.47	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	0.138	0.100	--	0.520	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	0.058	0.020	--	0.494	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	0.190	0.020	--	0.825	0.087	--		1

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

SAMPLE RESULTS

Lab ID: L2502417-02
Client ID: IA-BASEMENT
Sample Location: VICTOR NY

Date Collected: 01/14/25 10:40
Date Received: 01/15/25
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	0.949	0.040	--	4.12	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.086	0.020	--	0.366	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.363	0.020	--	1.58	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	0.034	0.020	--	0.167	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	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	96		60-140

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

SAMPLE RESULTS

Lab ID: L2502417-03
Client ID: IA-1ST FLOOR
Sample Location: VICTOR NY

Date Collected: 01/14/25 11:10
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/28/25 21:19
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.550	0.200	--	2.72	0.989	--		1
Chloromethane	0.395	0.200	--	0.816	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	56.8	5.00	--	107	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.16	1.00	--	9.88	2.38	--		1
Trichlorofluoromethane	0.234	0.050	--	1.31	0.281	--		1
Isopropanol	6.00	1.00	--	14.7	2.46	--		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	0.073	0.050	--	0.560	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

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

SAMPLE RESULTS

Lab ID: L2502417-03
Client ID: IA-1ST FLOO
Sample Location: VICTOR NY

Date Collected: 01/14/25 11:10
Date Received: 01/15/25
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	0.741	0.020	--	3.62	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	0.038	0.020	--	0.154	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	0.088	0.020	--	0.554	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	0.231	0.020	--	1.55	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	0.137	0.100	--	0.516	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	0.062	0.020	--	0.528	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	0.181	0.020	--	0.786	0.087	--		1

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

SAMPLE RESULTS

Lab ID: L2502417-03
Client ID: IA-1ST FLOOR
Sample Location: VICTOR NY

Date Collected: 01/14/25 11:10
Date Received: 01/15/25
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	0.883	0.040	--	3.84	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.076	0.020	--	0.324	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.343	0.020	--	1.49	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	0.033	0.020	--	0.162	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	94		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	95		60-140

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

SAMPLE RESULTS

Lab ID: L2502417-04
Client ID: AA
Sample Location: VICTOR NY

Date Collected: 01/14/25 10:30
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/28/25 17:31
Analyst: TPH

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.574	0.200	--	2.84	0.989	--		1
Chloromethane	0.450	0.200	--	0.929	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	1.08	1.00	--	2.57	2.38	--		1
Trichlorofluoromethane	0.238	0.050	--	1.34	0.281	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		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	0.079	0.050	--	0.606	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

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

SAMPLE RESULTS

Lab ID: L2502417-04
Client ID: AA
Sample Location: VICTOR NY

Date Collected: 01/14/25 10:30
Date Received: 01/15/25
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	0.022	0.020	--	0.107	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	0.022	0.020	--	0.089	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.110	0.100	--	0.351	0.319	--		1
Carbon tetrachloride	0.094	0.020	--	0.591	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

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

SAMPLE RESULTS

Lab ID: L2502417-04
Client ID: AA
Sample Location: VICTOR NY

Date Collected: 01/14/25 10:30
Date Received: 01/15/25
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	90		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	89		60-140

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

SAMPLE RESULTS

Lab ID: L2502417-05
Client ID: DUP011325
Sample Location: VICTOR NY

Date Collected: 01/14/25 11:20
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/28/25 21:57
Analyst: TPH

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.539	0.200	--	2.67	0.989	--		1
Chloromethane	0.381	0.200	--	0.787	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	52.4	5.00	--	98.7	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.16	1.00	--	7.51	2.38	--		1
Trichlorofluoromethane	0.236	0.050	--	1.33	0.281	--		1
Isopropanol	6.06	1.00	--	14.9	2.46	--		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	0.070	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	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

SAMPLE RESULTS

Lab ID: L2502417-05
Client ID: DUP011325
Sample Location: VICTOR NY

Date Collected: 01/14/25 11:20
Date Received: 01/15/25
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	0.694	0.020	--	3.39	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	0.041	0.020	--	0.166	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.106	0.100	--	0.339	0.319	--		1
Carbon tetrachloride	0.087	0.020	--	0.547	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	0.226	0.020	--	1.51	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	0.125	0.100	--	0.471	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	0.051	0.020	--	0.434	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	0.189	0.020	--	0.821	0.087	--		1

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

SAMPLE RESULTS

Lab ID: L2502417-05
Client ID: DUP011325
Sample Location: VICTOR NY

Date Collected: 01/14/25 11:20
Date Received: 01/15/25
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	0.942	0.040	--	4.09	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	0.082	0.020	--	0.349	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.366	0.020	--	1.59	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	0.027	0.020	--	0.133	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	95		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 01/28/25 15:30

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 Air Lab for sample(s): 01-05 Batch: WG2024447-4								
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	1.00	--	ND	2.46	--		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
Project Number: 25-007
Lab Number: L2502417
Report Date: 01/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 01/28/25 15:30

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 Air Lab for sample(s): 01-05 Batch: WG2024447-4								
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: 25-007
Lab Number: L2502417
Report Date: 01/30/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 01/28/25 15:30

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 Air Lab for sample(s): 01-05 Batch: WG2024447-4								
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: 25-007

Lab Number: L2502417
Report Date: 01/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-05 Batch: WG2024447-3								
Dichlorodifluoromethane	70		-		70-130	-		25
Chloromethane	**65**	Q	-		70-130	-		25
Freon-114	71		-		70-130	-		25
Vinyl chloride	79		-		70-130	-		25
1,3-Butadiene	72		-		70-130	-		25
Bromomethane	88		-		70-130	-		25
Chloroethane	86		-		70-130	-		25
Ethanol	78		-		40-160	-		25
Vinyl bromide	84		-		70-130	-		25
Acetone	76		-		40-160	-		25
Trichlorofluoromethane	96		-		70-130	-		25
Isopropanol	84		-		40-160	-		25
1,1-Dichloroethene	102		-		70-130	-		25
Tertiary butyl Alcohol[1]	112		-		70-130	-		25
Methylene chloride	100		-		70-130	-		25
3-Chloropropene	89		-		70-130	-		25
Carbon disulfide	101		-		70-130	-		25
Freon-113	97		-		70-130	-		25
trans-1,2-Dichloroethene	103		-		70-130	-		25
1,1-Dichloroethane	97		-		70-130	-		25
Methyl tert butyl ether	92		-		70-130	-		25
2-Butanone	97		-		70-130	-		25
cis-1,2-Dichloroethene	101		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007

Lab Number: L2502417
Report Date: 01/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-05 Batch: WG2024447-3								
Ethyl Acetate	116		-		70-130	-		25
Chloroform	103		-		70-130	-		25
Tetrahydrofuran	89		-		70-130	-		25
1,2-Dichloroethane	102		-		70-130	-		25
n-Hexane	112		-		70-130	-		25
1,1,1-Trichloroethane	98		-		70-130	-		25
Benzene	95		-		70-130	-		25
Carbon tetrachloride	111		-		70-130	-		25
Cyclohexane	111		-		70-130	-		25
1,2-Dichloropropane	94		-		70-130	-		25
Bromodichloromethane	120		-		70-130	-		25
1,4-Dioxane	107		-		70-130	-		25
Trichloroethene	92		-		70-130	-		25
2,2,4-Trimethylpentane	113		-		70-130	-		25
Heptane	94		-		70-130	-		25
cis-1,3-Dichloropropene	107		-		70-130	-		25
4-Methyl-2-pentanone	95		-		70-130	-		25
trans-1,3-Dichloropropene	115		-		70-130	-		25
1,1,2-Trichloroethane	96		-		70-130	-		25
Toluene	85		-		70-130	-		25
2-Hexanone	81		-		70-130	-		25
Dibromochloromethane	113		-		70-130	-		25
1,2-Dibromoethane	94		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007

Lab Number: L2502417
Report Date: 01/30/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-05 Batch: WG2024447-3								
Tetrachloroethene	84		-		70-130	-		25
Chlorobenzene	86		-		70-130	-		25
Ethylbenzene	84		-		70-130	-		25
p/m-Xylene	89		-		70-130	-		25
Bromoform	116		-		70-130	-		25
Styrene	90		-		70-130	-		25
1,1,2,2-Tetrachloroethane	99		-		70-130	-		25
o-Xylene	90		-		70-130	-		25
4-Ethyltoluene	96		-		70-130	-		25
1,3,5-Trimethybenzene	96		-		70-130	-		25
1,2,4-Trimethylbenzene	97		-		70-130	-		25
Benzyl chloride	106		-		70-130	-		25
1,3-Dichlorobenzene	101		-		70-130	-		25
1,4-Dichlorobenzene	99		-		70-130	-		25
1,2-Dichlorobenzene	94		-		70-130	-		25
1,2,4-Trichlorobenzene	92		-		70-130	-		25
Naphthalene	125		-		70-130	-		25
Hexachlorobutadiene	96		-		70-130	-		25

Project Name: DLS/MODOCK RD. SPRINGS

Project Number: 25-007

Lab Number: L2502417

Report Date: 01/30/25

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	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2502417-01	SS-BASEMENT	01564	Flow 5	01/09/25	502192		-	-	-	Pass	3.3	3.7	11
L2502417-01	SS-BASEMENT	3261	6.0L Can	01/09/25	502192	L2500409-06	Pass	-28.8	-9.5	-	-	-	-
L2502417-02	IA-BASEMENT-	02732	Flow 4	01/09/25	502192		-	-	-	Pass	3.2	3.6	12
L2502417-02	IA-BASEMENT-	3471	6.0L Can	01/09/25	502192	L2500409-07	Pass	-28.8	-7.8	-	-	-	-
L2502417-03	IA-1ST FLOOR	02676	Flow 4	01/09/25	502192		-	-	-	Pass	3.2	3.9	20
L2502417-03	IA-1ST FLOOR	2983	6.0L Can	01/09/25	502192	L2500409-07	Pass	-28.8	-10.0	-	-	-	-
L2502417-04	AA	02711	Flow 4	01/09/25	502192		-	-	-	Pass	2.9	3.4	16
L2502417-04	AA	3139	6.0L Can	01/09/25	502192	L2500409-07	Pass	-28.8	-1.2	-	-	-	-
L2502417-05	DUP011325	02685	Flow 4	01/09/25	502192		-	-	-	Pass	3.1	3.6	15
L2502417-05	DUP011325	3151	6.0L Can	01/09/25	502192	L2500409-07	Pass	-28.8	-8.3	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2500409
Report Date: 01/30/25

Air Canister Certification Results

Lab ID: L2500409-06
Client ID: CAN 4991 SHELF 61
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/07/25 00:29
Analyst: TPH

	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	1.00	--	ND	2.46	--		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: L2500409
Report Date: 01/30/25

Air Canister Certification Results

Lab ID: L2500409-06
Client ID: CAN 4991 SHELF 61
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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: L2500409
Report Date: 01/30/25

Air Canister Certification Results

Lab ID: L2500409-06
Client ID: CAN 4991 SHELF 61
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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: L2500409
Report Date: 01/30/25

Air Canister Certification Results

Lab ID: L2500409-06
Client ID: CAN 4991 SHELF 61
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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 **Lab Number:** L2500409

Project Number: CANISTER QC BAT **Report Date:** 01/30/25

Air Canister Certification Results

Lab ID: L2500409-06
Client ID: CAN 4991 SHELF 61
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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	108		60-140
Bromochloromethane	108		60-140
chlorobenzene-d5	111		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2500409

Project Number: CANISTER QC BAT **Report Date:** 01/30/25

Air Canister Certification Results

Lab ID: L2500409-06
Client ID: CAN 4991 SHELF 61
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/07/25 00:29
Analyst: TPH

	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: L2500409
Report Date: 01/30/25

Air Canister Certification Results

Lab ID: L2500409-06
Client ID: CAN 4991 SHELF 61
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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: L2500409
Report Date: 01/30/25

Air Canister Certification Results

Lab ID: L2500409-06
Client ID: CAN 4991 SHELF 61
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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	105		60-140
bromochloromethane	110		60-140
chlorobenzene-d5	111		60-140

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

Lab Number: L2500409
Report Date: 01/30/25

Air Canister Certification Results

Lab ID: L2500409-07
Client ID: CAN 950 SHELF 62
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/07/25 01:05
Analyst: TPH

	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	1.00	--	ND	2.46	--		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: L2500409
Report Date: 01/30/25

Air Canister Certification Results

Lab ID: L2500409-07
Client ID: CAN 950 SHELF 62
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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: L2500409
Report Date: 01/30/25

Air Canister Certification Results

Lab ID: L2500409-07
Client ID: CAN 950 SHELF 62
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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: L2500409
Report Date: 01/30/25

Air Canister Certification Results

Lab ID: L2500409-07
Client ID: CAN 950 SHELF 62
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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 **Lab Number:** L2500409

Project Number: CANISTER QC BAT **Report Date:** 01/30/25

Air Canister Certification Results

Lab ID: L2500409-07
Client ID: CAN 950 SHELF 62
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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	107		60-140
Bromochloromethane	109		60-140
chlorobenzene-d5	113		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2500409
Report Date: 01/30/25

Air Canister Certification Results

Lab ID: L2500409-07
Client ID: CAN 950 SHELF 62
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/07/25 01:05
Analyst: TPH

	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: L2500409
Report Date: 01/30/25

Air Canister Certification Results

Lab ID: L2500409-07
Client ID: CAN 950 SHELF 62
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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: L2500409
Report Date: 01/30/25

Air Canister Certification Results

Lab ID: L2500409-07
Client ID: CAN 950 SHELF 62
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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	105		60-140
bromochloromethane	111		60-140
chlorobenzene-d5	112		60-140

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007

Lab Number: L2502417
Report Date: 01/30/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2502417-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)
L2502417-02A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)
L2502417-03A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)
L2502417-04A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)
L2502417-05A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	DLS/MODOCK RD. SPRINGS	**Lab Number:**	L2502417
Project Number:	25-007	**Report Date:**	01/30/25

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:**	L2502417
Project Number:	25-007	**Report Date:**	01/30/25

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:**	L2502417
Project Number:	25-007	**Report Date:**	01/30/25

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.)

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

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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 – 8 Walkup Dr. Westborough, MA 01581
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 – 320 Forbes Blvd. Mansfield, MA 02048
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.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
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

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

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 – 320 Forbes Blvd. Mansfield, MA 02048

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

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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

Serial_No:01302512:14

AIR ANALYSIS

ALPHA ANALYTICAL

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 1/16/25

ALPHA Job #: L2502417

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

Client Information

Client: Marks Engineering PC
Address: 4303 Routes 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: OLS/Modock Rd. Springs
Project Location: Victor NY
Project #: 25-007
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: CAT B NYSDEC EDD
Report to: (if different than Project Manager) JWolf@MarksEngineering.com

Billing Information

☑ Same as Client info PO #: 25-007

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS: TO-15, TO-15 SIM, APH (Subtract Non-petroleum HCs), Fixed Gases, Sulfides & Mercaptans by TO-15

All 24 HR samples

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	2025 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)
02417-01	SS-Basement	1/14	1110	1045	-29.48	-9.44	SS	JW	6L	3261	01564	X					
02	IA-Basement-	1/14/25	1120	1040	-29.36	-7.48	IA	JW	6L	3471	02732	X					
03	IA-1st Floor-	1/14/25	1125	1110	-29.47	-9.30	IA	JW	6L	2983	02676	X					
04	AA-	1/14/25	1130	1030	-29.99	-3.10	AA	JW	6L	3139	02711	X					
05	DUP011325	1/14/25	1200	1120	-29.64	-7.96	IA	JW	6L	3471	02732	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:
J. Wolf	1/15/25 13:15	NSMI-PACE Roch NY	1/15/25 13:15
NSMI-PACE	1/15/25 17:15		1/15/25 17:15
	1/16/25 0515		1/15/25 2300
Jason	1/16/25 09:00	R. Mendoza AAL	1/16/25 0505

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.

R. Mendoza AAL 1/16/25 0725

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

Exhibit B

Laboratory Report

(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 #: 25-007

SDGs: L2502417
5 Air Samples

Prepared for:

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

February 2025

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

Table of Contents

Tables

REVIEWER'S NARRATIVE
SDG L2502417 Marks Engineering Modock Road Springs/DLS

The data associated with this Sample Delivery Group (SDG), analyzed by Pace Analytical Services (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: 2/3/2025

Michael K. Perry
Chemist

1.0 SUMMARY

SITE:	Modock Road Springs/DLS Victor, NY Project No. 25-007
SAMPLING DATE:	January 14, 2025
SAMPLE TYPE:	5 air samples
LABORATORY:	Pace Analytical Services (Alpha Analytical) Westborough, MA
SDG No.:	L2502417

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 January 14, 2025. These samples were analyzed for TO-15-SIM Volatile Organic Compounds.

All laboratory analyses were performed by Pace Analytical Services (ALPHA Analytical), Westborough, MA and analyzed as SDG L2502417. 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 L2502417, five samples were analyzed and results were reported for 325 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.

Table 6-1 TO-15-SIM

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
All samples	Chloromethane	J detects UJ non-detects	LCS rec < 70 % and CCV % D > 30 %	Data are estimated
SS-Basement	n-Hexane	NJ detects	Q value identifier < 70 %	Data are tentatively identified and 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

Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2502417

Project Name: DLS/MODOCK RD. SPRINGS
Project Number: 25-007

Lab Number: L2502417
Report Date: 01/30/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2502417-01	SS-BASEMENT	SOIL_VAPOR	VICTOR NY	01/14/25 10:45	01/15/25
L2502417-02	IA-BASEMENT-	AIR	VICTOR NY	01/14/25 10:40	01/15/25
L2502417-03	IA-1ST FLOOR-	AIR	VICTOR NY	01/14/25 11:10	01/15/25
L2502417-04	AA	AIR	VICTOR NY	01/14/25 10:30	01/15/25
L2502417-05	DUP011325	AIR	VICTOR NY	01/14/25 11:20	01/15/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on January 9, 2025. The canister certification data is provided as an addendum.

The WG2024447-3 LCS recovery associated with L2502417-01 through -05 is above the upper 130% acceptance limit for 1,2-dibromo-3-chloropropane (136%). All samples associated with this LCS do not have reportable amounts of this analyte.

The WG2024447-3 LCS recovery associated with L2502417-01 through -05 is below the lower 70% acceptance limit for chloromethane (65%). All samples associated with this LCS this compound is being reportable low bias.

Sample Receipt

The canister ID number for the sample designated DUP011325 (L2502417-05) is listed on the CoC as 3471 but should be 3151.

The flow controller ID number for the sample designated DUP011325 (L2502417-05) is listed on the CoC as 02732 but should be 02685.

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: 01/30/25

Title: Technical Director/Representative

Sample Delivery Group Summary

Pace Job Number : L2502417

Account Name : Marks Engineering, PC
Project Number : 25-007
Project Name : DLS/MODOCK RD. SPRINGS

Received : 15-JAN-2025
Reviewer : Tyler Hatch

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received? **YES**

2) Extra samples received? **NO**

3) Are there any sample container discrepancies? **NO**

4) Are there any discrepancies between COC & sample labels? **YES**
L2502417-05: Can ID #3471 / FC ID #02732 vs. Can ID #3151 / FC ID #02685

5) Are samples in appropriate containers for requested analysis? **YES**

6) Are samples properly preserved for requested analysis? **YES**

7) Are samples within holding time for requested analysis? **YES**

8) All sampling equipment returned? **YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client? **NA**

AIR ANALYSIS

CHAIN OF CUSTODY

PAGE 1 OF 1

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

Date Rec'd in Lab: 1/16/25

ALPHA Job #: L2502417

Client Information

Client: Marks Engineering PC
Address: 4303 Routes 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: OLS/Modock Rd. Springs
Project Location: Victor NY
Project #: 25-007
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: CAT B NYSDEC EDD
Report to: (if different than Project Manager) JWolf@MarksEngineering.com

Billing Information

☑ Same as Client info PO #: 25-007

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	2025 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)
02417-01	SS-Basement-	1/14	1110	1045	-29.48	-9.44	SS	JW	6L	3261	01564	X					All 24 HR samples
02	IA-Basement-	1/14/25	1120	1040	-29.36	-7.48	IA	JW	6L	3471	02732	X					
03	IA-1st Floor-	1/14/25	1125	1110	-29.47	-9.30	IA	JW	6L	2983	02676	X					
04	AA-	1/14/25	1130	1030	-29.99	-3.10	AA	JW	6L	3139	02711	X					
05	DUP011325	1/14/25	1200	1120	-29.64	-7.96	IA	JW	6L	3471	02732	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:
J. Wolf	1/15/25 13:15	NSMI-PACE	1/15/25 17:15
NSMI-PACE	1/15/25 13:15	Roch N.Y	1/15/25 13:15
	1/14/25 0555		1/15/25 2300
Jason	1/16/25 09:00	R. Mendoza AAL	1/16/25 0505

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.

1/16/25 0725 AAL 1/16/25 0725

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

Project Name: DLS/MODOCK RD. SPRINGS

Project Number: 25-007

Lab Number: L2502417

Report Date: 01/30/25

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
L2502417-01	SS-BASEMENT-	01564	Flow 5	01/09/25	502192		-	-	-	Pass	3.3	3.7	11
L2502417-01	SS-BASEMENT-	3261	6.0L Can	01/09/25	502192	L2500409-06	Pass	-28.8	-9.5	-	-	-	-
L2502417-02	IA-BASEMENT-	02732	Flow 4	01/09/25	502192		-	-	-	Pass	3.2	3.6	12
L2502417-02	IA-BASEMENT-	3471	6.0L Can	01/09/25	502192	L2500409-07	Pass	-28.8	-7.8	-	-	-	-
L2502417-03	IA-1ST FLOOR	02676	Flow 4	01/09/25	502192		-	-	-	Pass	3.2	3.9	20
L2502417-03	IA-1ST FLOOR	2983	6.0L Can	01/09/25	502192	L2500409-07	Pass	-28.8	-10.0	-	-	-	-
L2502417-04	AA	02711	Flow 4	01/09/25	502192		-	-	-	Pass	2.9	3.4	16
L2502417-04	AA	3139	6.0L Can	01/09/25	502192	L2500409-07	Pass	-28.8	-1.2	-	-	-	-
L2502417-05	DUP011325	02685	Flow 4	01/09/25	502192		-	-	-	Pass	3.1	3.6	15
L2502417-05	DUP011325	3151	6.0L Can	01/09/25	502192	L2500409-07	Pass	-28.8	-8.3	-	-	-	-

GC/MS VOA
Air Analysis
Selective Ion Monitoring

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2502417
Project Name	: DLS/MODOCK RD. SPRINGS	Project Number	: 25-007
Lab ID	: L2502417-01	Date Collected	: 01/14/25 10:45
Client ID	: SS-BASEMENT	Date Received	: 01/15/25
Sample Location	: VICTOR NY	Date Analyzed	: 01/29/25 02:19
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1746927_EV2	Instrument ID	: AIRLAB17
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	0.536	0.200	--	2.65	0.989	--		
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U	UJ
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	14.8	5.00	--	27.9	9.42	--		
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U	
67-64-1	Acetone	23.4	1.00	--	55.6	2.38	--		
75-69-4	Trichlorofluoromethane	0.228	0.050	--	1.28	0.281	--		
67-63-0	Isopropanol	4.76	1.00	--	11.7	2.46	--		
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U	
75-65-0	Tertiary butyl Alcohol	4.99	0.500	--	15.1	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	0.355	0.200	--	1.11	0.623	--		
76-13-1	Freon-113	0.078	0.050	--	0.598	0.383	--		
156-60-5	trans-1,2-Dichloroethene	0.028	0.020	--	0.111	0.079	--		
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	1.25	0.500	--	3.69	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	0.058	0.020	--	0.283	0.098	--		
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U	

MKP 2/3/2025

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2502417
Project Name	: DLS/MODOCK RD. SPRINGS	Project Number	: 25-007
Lab ID	: L2502417-01	Date Collected	: 01/14/25 10:45
Client ID	: SS-BASEMENT	Date Received	: 01/15/25
Sample Location	: VICTOR NY	Date Analyzed	: 01/29/25 02:19
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1746927_EV2	Instrument ID	: AIRLAB17
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	3.75	0.200	--	13.2	0.705	--	NJ
71-55-6	1,1,1-Trichloroethane	0.099	0.020	--	0.540	0.109	--	
71-43-2	Benzene	1.16	0.100	--	3.71	0.319	--	
56-23-5	Carbon tetrachloride	0.071	0.020	--	0.447	0.126	--	
110-82-7	Cyclohexane	1.93	0.200	--	6.64	0.688	--	
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	0.320	0.100	--	1.15	0.360	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
540-84-1	2,2,4-Trimethylpentane	0.469	0.200	--	2.19	0.934	--	
142-82-5	Heptane	2.48	0.200	--	10.2	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	4.00	0.100	--	15.1	0.377	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
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	3.34	0.020	--	22.6	0.136	--	
108-90-7	Chlorobenzene	ND	0.100	--	ND	0.461	--	U
100-41-4	Ethylbenzene	0.656	0.020	--	2.85	0.087	--	
179601-23-1	p/m-Xylene	2.61	0.040	--	11.3	0.174	--	
75-25-2	Bromoform	ND	0.020	--	ND	0.207	--	U
100-42-5	Styrene	0.121	0.020	--	0.515	0.085	--	

MKP 2/3/2025

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2502417
Project Name	: DLS/MODOCK RD. SPRINGS	Project Number	: 25-007
Lab ID	: L2502417-01	Date Collected	: 01/14/25 10:45
Client ID	: SS-BASEMENT	Date Received	: 01/15/25
Sample Location	: VICTOR NY	Date Analyzed	: 01/29/25 02:19
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1746927_EV2	Instrument ID	: AIRLAB17
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	0.975	0.020	--	4.23	0.087	--	
622-96-8	4-Ethyltoluene	0.261	0.020	--	1.28	0.098	--	
108-67-8	1,3,5-Trimethybenzene	0.390	0.020	--	1.92	0.098	--	
95-63-6	1,2,4-Trimethylbenzene	1.37	0.020	--	6.74	0.098	--	
100-44-7	Benzyl chloride	ND	0.100	--	ND	0.518	--	U
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	0.103	0.050	--	0.540	0.262	--	
87-68-3	Hexachlorobutadiene	ND	0.050	--	ND	0.533	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2502417
Project Name	: DLS/MODOCK RD. SPRINGS	Project Number	: 25-007
Lab ID	: L2502417-02	Date Collected	: 01/14/25 10:40
Client ID	: IA-BASEMENT	Date Received	: 01/15/25
Sample Location	: VICTOR NY	Date Analyzed	: 01/28/25 20:41
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1746918_EV2	Instrument ID	: AIRLAB17
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	0.548	0.200	--	2.71	0.989	--	
74-87-3	Chloromethane	0.379	0.200	--	0.783	0.413	--	J
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	47.8	5.00	--	90.1	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	4.01	1.00	--	9.53	2.38	--	
75-69-4	Trichlorofluoromethane	0.236	0.050	--	1.33	0.281	--	
67-63-0	Isopropanol	4.86	1.00	--	11.9	2.46	--	
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	0.073	0.050	--	0.560	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	ND	0.500	--	ND	1.47	--	U
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	0.689	0.020	--	3.36	0.098	--	
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

MKP 2/3/2025

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2502417
Project Name	: DLS/MODOCK RD. SPRINGS	Project Number	: 25-007
Lab ID	: L2502417-02	Date Collected	: 01/14/25 10:40
Client ID	: IA-BASEMENT	Date Received	: 01/15/25
Sample Location	: VICTOR NY	Date Analyzed	: 01/28/25 20:41
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1746918_EV2	Instrument ID	: AIRLAB17
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	0.036	0.020	--	0.146	0.081	--	
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	0.107	0.100	--	0.342	0.319	--	
56-23-5	Carbon tetrachloride	0.085	0.020	--	0.535	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	0.220	0.020	--	1.47	0.134	--	
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	0.138	0.100	--	0.520	0.377	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	0.058	0.020	--	0.494	0.170	--	
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	0.190	0.020	--	0.825	0.087	--	
179601-23-1	p/m-Xylene	0.949	0.040	--	4.12	0.174	--	
75-25-2	Bromoform	ND	0.020	--	ND	0.207	--	U
100-42-5	Styrene	0.086	0.020	--	0.366	0.085	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2502417
Project Name	: DLS/MODOCK RD. SPRINGS	Project Number	: 25-007
Lab ID	: L2502417-02	Date Collected	: 01/14/25 10:40
Client ID	: IA-BASEMENT	Date Received	: 01/15/25
Sample Location	: VICTOR NY	Date Analyzed	: 01/28/25 20:41
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1746918_EV2	Instrument ID	: AIRLAB17
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	0.363	0.020	--	1.58	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	0.034	0.020	--	0.167	0.098	--	
100-44-7	Benzyl chloride	ND	0.100	--	ND	0.518	--	U
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

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2502417
Project Name	: DLS/MODOCK RD. SPRINGS	Project Number	: 25-007
Lab ID	: L2502417-03	Date Collected	: 01/14/25 11:10
Client ID	: IA-1ST FLOOR	Date Received	: 01/15/25
Sample Location	: VICTOR NY	Date Analyzed	: 01/28/25 21:19
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1746919_EV2	Instrument ID	: AIRLAB17
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	0.550	0.200	--	2.72	0.989	--	
74-87-3	Chloromethane	0.395	0.200	--	0.816	0.413	--	J
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	56.8	5.00	--	107	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	4.16	1.00	--	9.88	2.38	--	
75-69-4	Trichlorofluoromethane	0.234	0.050	--	1.31	0.281	--	
67-63-0	Isopropanol	6.00	1.00	--	14.7	2.46	--	
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	0.073	0.050	--	0.560	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	ND	0.500	--	ND	1.47	--	U
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	0.741	0.020	--	3.62	0.098	--	
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

MKP 2/3/2025

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2502417
Project Name	: DLS/MODOCK RD. SPRINGS	Project Number	: 25-007
Lab ID	: L2502417-03	Date Collected	: 01/14/25 11:10
Client ID	: IA-1ST FLOO	Date Received	: 01/15/25
Sample Location	: VICTOR NY	Date Analyzed	: 01/28/25 21:19
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1746919_EV2	Instrument ID	: AIRLAB17
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	0.038	0.020	--	0.154	0.081	--	
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	0.088	0.020	--	0.554	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	0.231	0.020	--	1.55	0.134	--	
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	0.137	0.100	--	0.516	0.377	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	0.062	0.020	--	0.528	0.170	--	
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	0.181	0.020	--	0.786	0.087	--	
179601-23-1	p/m-Xylene	0.883	0.040	--	3.84	0.174	--	
75-25-2	Bromoform	ND	0.020	--	ND	0.207	--	U
100-42-5	Styrene	0.076	0.020	--	0.324	0.085	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2502417
Project Name	: DLS/MODOCK RD. SPRINGS	Project Number	: 25-007
Lab ID	: L2502417-03	Date Collected	: 01/14/25 11:10
Client ID	: IA-1ST FLOOR	Date Received	: 01/15/25
Sample Location	: VICTOR NY	Date Analyzed	: 01/28/25 21:19
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1746919_EV2	Instrument ID	: AIRLAB17
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	0.343	0.020	--	1.49	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	0.033	0.020	--	0.162	0.098	--	
100-44-7	Benzyl chloride	ND	0.100	--	ND	0.518	--	U
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

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2502417
Project Name	: DLS/MODOCK RD. SPRINGS	Project Number	: 25-007
Lab ID	: L2502417-04	Date Collected	: 01/14/25 10:30
Client ID	: AA	Date Received	: 01/15/25
Sample Location	: VICTOR NY	Date Analyzed	: 01/28/25 17:31
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1746913_EV2	Instrument ID	: AIRLAB17
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	0.574	0.200	--	2.84	0.989	--	
74-87-3	Chloromethane	0.450	0.200	--	0.929	0.413	--	J
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	1.08	1.00	--	2.57	2.38	--	
75-69-4	Trichlorofluoromethane	0.238	0.050	--	1.34	0.281	--	
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	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	0.079	0.050	--	0.606	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	ND	0.500	--	ND	1.47	--	U
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	0.022	0.020	--	0.107	0.098	--	
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

MKP 2/3/2025

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2502417
Project Name	: DLS/MODOCK RD. SPRINGS	Project Number	: 25-007
Lab ID	: L2502417-04	Date Collected	: 01/14/25 10:30
Client ID	: AA	Date Received	: 01/15/25
Sample Location	: VICTOR NY	Date Analyzed	: 01/28/25 17:31
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1746913_EV2	Instrument ID	: AIRLAB17
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	0.022	0.020	--	0.089	0.081	--	
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	0.110	0.100	--	0.351	0.319	--	
56-23-5	Carbon tetrachloride	0.094	0.020	--	0.591	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	ND	0.200	--	ND	0.820	--	U
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	: L2502417
Project Name	: DLS/MODOCK RD. SPRINGS	Project Number	: 25-007
Lab ID	: L2502417-04	Date Collected	: 01/14/25 10:30
Client ID	: A	Date Received	: 01/15/25
Sample Location	: VICTOR NY	Date Analyzed	: 01/28/25 17:31
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1746913_EV2	Instrument ID	: AIRLAB17
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
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

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2502417
Project Name	: DLS/MODOCK RD. SPRINGS	Project Number	: 25-007
Lab ID	: L2502417-05	Date Collected	: 01/14/25 11:20
Client ID	: DUP011325	Date Received	: 01/15/25
Sample Location	: VICTOR NY	Date Analyzed	: 01/28/25 21:57
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1746920_EV2	Instrument ID	: AIRLAB17
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	0.539	0.200	--	2.67	0.989	--		
74-87-3	Chloromethane	0.381	0.200	--	0.787	0.413	--		J
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	52.4	5.00	--	98.7	9.42	--		
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U	
67-64-1	Acetone	3.16	1.00	--	7.51	2.38	--		
75-69-4	Trichlorofluoromethane	0.236	0.050	--	1.33	0.281	--		
67-63-0	Isopropanol	6.06	1.00	--	14.9	2.46	--		
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	0.070	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	ND	0.500	--	ND	1.47	--	U	
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	0.694	0.020	--	3.39	0.098	--		
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U	

MKP 2/3/2025

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2502417
Project Name	: DLS/MODOCK RD. SPRINGS	Project Number	: 25-007
Lab ID	: L2502417-05	Date Collected	: 01/14/25 11:20
Client ID	: DUP011325	Date Received	: 01/15/25
Sample Location	: VICTOR NY	Date Analyzed	: 01/28/25 21:57
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1746920_EV2	Instrument ID	: AIRLAB17
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	0.041	0.020	--	0.166	0.081	--	
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	0.106	0.100	--	0.339	0.319	--	
56-23-5	Carbon tetrachloride	0.087	0.020	--	0.547	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	0.226	0.020	--	1.51	0.134	--	
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	0.125	0.100	--	0.471	0.377	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	0.051	0.020	--	0.434	0.170	--	
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	0.189	0.020	--	0.821	0.087	--	
179601-23-1	p/m-Xylene	0.942	0.040	--	4.09	0.174	--	
75-25-2	Bromoform	ND	0.020	--	ND	0.207	--	U
100-42-5	Styrene	0.082	0.020	--	0.349	0.085	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Marks Engineering, PC	Lab Number	: L2502417
Project Name	: DLS/MODOCK RD. SPRINGS	Project Number	: 25-007
Lab ID	: L2502417-05	Date Collected	: 01/14/25 11:20
Client ID	: DUP011325	Date Received	: 01/15/25
Sample Location	: VICTOR NY	Date Analyzed	: 01/28/25 21:57
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R1746920_EV2	Instrument ID	: AIRLAB17
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	0.366	0.020	--	1.59	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	0.027	0.020	--	0.133	0.098	--	
100-44-7	Benzyl chloride	ND	0.100	--	ND	0.518	--	U
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

Appendix B

Laboratory QC Documentation

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Marks Engineering, PC			**Lab Number**	: L2502417
Project Name	: DLS/MODOCK RD. SPRINGS			**Project Number**	: 25-007
Matrix (Level)	: AIR (LOW)				
LCS Sample ID	: WG2024447-3	**Analysis Date**	: 01/28/25 13:23	**File ID**	: r1746909_Ev2
LCSD Sample ID	:	**Analysis Date**	:	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ppbV)**	**Found (ppbV)**	**%R**	**True (ppbV)**	**Found (ppbV)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Dichlorodifluoromethane	5	3.51	70				-	70-130	25
Chloromethane	5	3.26	65 Q				-	70-130	25
Freon-114	5	3.54	71				-	70-130	25
Vinyl chloride	5	3.97	79				-	70-130	25
1,3-Butadiene	5	3.58	72				-	70-130	25
Bromomethane	5	4.42	88				-	70-130	25
Chloroethane	5	4.28	86				-	70-130	25
Ethanol	25	19.4	78				-	40-160	25
Vinyl bromide	5	4.18	84				-	70-130	25
Acetone	25	18.9	76				-	40-160	25
Trichlorofluoromethane	5	4.82	96				-	70-130	25
Isopropanol	12.5	10.5	84				-	40-160	25
1,1-Dichloroethene	5	5.08	102				-	70-130	25
Tertiary butyl Alcohol	5	5.60	112				-	70-130	25
Methylene chloride	5	5.00	100				-	70-130	25
3-Chloropropene	5	4.47	89				-	70-130	25
Carbon disulfide	5	5.06	101				-	70-130	25
Freon-113	5	4.84	97				-	70-130	25
trans-1,2-Dichloroethene	5	5.15	103				-	70-130	25
1,1-Dichloroethane	5	4.87	97				-	70-130	25
Methyl tert butyl ether	5	4.59	92				-	70-130	25
2-Butanone	5	4.86	97				-	70-130	25
cis-1,2-Dichloroethene	5	5.06	101				-	70-130	25
Ethyl Acetate	5	5.79	116				-	70-130	25
Chloroform	5	5.14	103				-	70-130	25
Tetrahydrofuran	5	4.46	89				-	70-130	25

Quantitation Report (QT Reviewed)

Data Path : X:\Airlab\Data\Airlab17\2025\01\0128SIM\
Data File : r1746927_Ev2.D
Acq On : 29 Jan 2025 2:19 AM
Operator : AIRLAB17:TPH
Sample : L2502417-01,3,250,250
Misc : WG2024447,ICAL21813
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Jan 29 08:11:00 2025
Quant Method : X:\Airlab\Data\Airlab17\2025\01\0128SIM\TSIM17_241220.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Dec 23 14:33:59 2024
Response via : Initial Calibration

CCAL FILE : X:\Airlab\Data\Airlab17\2025\01\0128SIM\r1746909_Ev2.D
Sub List : TO15-STD+NAPH+TBA - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	8.842	49	161742	10.000	ppbV	0.02
Standard Area = 158742			Recovery = 101.89%			
33) 1,4-difluorobenzene	11.057	114	478596	10.000	ppbV	0.03
Standard Area = 463440			Recovery = 103.27%			
51) chlorobenzene-D5	15.808	54	70954	10.000	ppbV	0.03
Standard Area = 67956			Recovery = 104.41%			
System Monitoring Compounds						
Target Compounds						Qvalue
3) dichlorodifluoromethane	3.886	85	9458	0.536	ppbV	98
4) chloromethane	4.042	50	804	0.089	ppbV	97
5) Freon-114	4.144	85	349	0.016	ppbV	91
6) vinyl chloride	0.000		0	N.D.		
7) 1,3-butadiene	0.000		0	N.D.	d	
8) bromomethane	4.672		0	N.D.		
9) chloroethane	0.000		0	N.D.		
10) ethanol	4.966	31	93656	14.819	ppbV	90
11) vinyl bromide	0.000		0	N.D.		
13) acetone	5.463	43	310440	23.418	ppbV	89
14) trichlorofluoromethane	5.660	101	3997	0.228	ppbV	95
15) isopropyl alcohol	5.737	45	77659	4.755	ppbV #	97
17) 1,1-dichloroethene	0.000		0	N.D.	d	
18) tertiary butyl alcohol	6.378	59	63800	4.988	ppbV	98
19) methylene chloride	6.474	49	807	0.070	ppbV	93
20) 3-chloropropene	0.000		0	N.D.	d	
21) carbon disulfide	6.774	76	9788	0.355	ppbV #	83
22) Freon 113	6.774	101	1524	0.078	ppbV	95
23) trans-1,2-dichloroethene	7.508	61	367	0.028	ppbV	96
24) 1,1-dichloroethane	0.000		0	N.D.	d	
25) MTBE	0.000		0	N.D.	d	
27) 2-butanone	8.158	43	26832	1.254	ppbV #	96
28) cis-1,2-dichloroethene	8.583		0	N.D.		
29) Ethyl Acetate	8.933	61	431	0.146	ppbV #	1
30) chloroform	9.000	83	1023	0.058	ppbV #	95
31) Tetrahydrofuran	9.442	42	5167	0.415	ppbV #	77
32) 1,2-dichloroethane	9.825	62	188	0.018	ppbV #	54
34) hexane	8.917	57	53525	3.751	ppbV #	1

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Marks Engineering, PC	Lab Number	: L2502417		
Project Name	: DLS/MODOCK RD. SPRINGS	Project Number	: 25-007		
Instrument ID	: AIRLAB17	Calibration Date	: 01/28/25 13:23		
Lab File ID	: R1746909_EV2	Init. Calib. Date(s)	: 12/21/24	12/21/24	
Sample No	: WG2024447-2	Init. Calib. Times	: 01:51	07:33	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	88	.02
propylene	0.46	0.524	-	-13.9	30	114	.02
dichlorodifluoromethane	1.09	0.765	-	29.8	30	70	.02
chloromethane	0.557	0.364	-	34.6*	30	65	.02
Freon-114	1.388	0.983	-	29.2	30	75	.02
vinyl chloride	0.563	0.447	-	20.6	30	88	.02
1,3-butadiene	0.498	0.357	-	28.3	30	82	.02
bromomethane	0.51	0.451	-	11.6	30	98	.02
chloroethane	0.268	0.229	-	14.6	30	97	.03
ethanol	0.391	0.304	-	22.3	30	70	.02
vinyl bromide	0.538	0.45	-	16.4	30	92	.03
acrolein	0.253	0.217	-	14.2	30	100	.03
acetone	0.82	0.619	-	24.5	30	78	.03
trichlorofluoromethane	1.086	1.047	-	3.6	30	102	.03
isopropyl alcohol	1.01	0.847	-	16.1	30	77	.03
acrylonitrile	0.435	0.506	-	-16.3	30	122	.03
1,1-dichloroethene	0.803	0.817	-	-1.7	30	112	.03
tertiary butyl alcohol	0.791	0.886	-	-12	30	113	.03
methylene chloride	0.71	0.711	-	-0.1	30	104	.03
3-chloropropene	0.829	0.741	-	10.6	30	97	.03
carbon disulfide	1.707	1.728	-	-1.2	30	105	.03
Freon 113	1.209	1.171	-	3.1	30	104	.03
trans-1,2-dichloroethene	0.817	0.841	-	-2.9	30	115	.03
1,1-dichloroethane	1.037	1.01	-	2.6	30	106	.03
MTBE	1.384	1.272	-	8.1	30	103	.03
vinyl acetate	1.213	1.012	-	16.6	30	88	.03
2-butanone	1.323	1.284	-	2.9	30	100	.03
cis-1,2-dichloroethene	0.768	0.777	-	-1.2	30	110	.03
Ethyl Acetate	0.182	0.211	-	-15.9	30	117	.03
chloroform	1.096	1.127	-	-2.8	30	114	.03
Tetrahydrofuran	0.77	0.687	-	10.8	30	91	.03
1,2-dichloroethane	0.643	0.658	-	-2.3	30	114	.03
1,4-difluorobenzene	1	1	-	0	30	87	.03
hexane	0.298	0.334	-	-12.1	30	117	.03
1,1,1-trichloroethane	0.314	0.306	-	2.5	30	105	.03
benzene	0.713	0.676	-	5.2	30	103	.03
carbon tetrachloride	0.281	0.311	-	-10.7	30	117	.03
cyclohexane	0.32	0.356	-	-11.2	30	118	.03
Dibromomethane	0.227	0.258	-	-13.7	30	122	.03
1,2-dichloropropane	0.256	0.241	-	5.9	30	105	.03
bromodichloromethane	0.345	0.416	-	-20.6	30	128	.03
1,4-dioxane	0.14	0.15	-	-7.1	30	113	.03
trichloroethene	0.358	0.33	-	7.8	30	102	.03

* Value outside of QC limits.

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).

Exhibit D
Electronic Data Deliverables
(EDDs)
(Provided Electronically)

jwolf@marksengineering.com

From: Noll, Rebecca <rnoll@LaBellaPC.com>
Sent: Wednesday, February 5, 2025 12:01 PM
To: NYENVEDD@dec.ny.gov; Gregory, Charles T (DEC)
Cc: jwolf@marksengineering.com
Subject: New SVI EDD set for Modock Springs-DLS Sand and Gravel, Inc., Site 835013.
Attachments: 20250205 1157.835013.NYSDEC_v5_MERGE.zip

Attached please find a new SVI EDD set for Modock Springs-DLS Sand and Gravel, Inc., Site 835013, including the following:

SDG	Type	Description	Date
L2502417	AIR		1/14/2025

Rebecca Noll
LaBella Associates | GIS & Environmental Specialist

300 State Street, Suite 201
Rochester, NY 14614
labellapc.com

MarksEngineering

Attachment D –
Site-Wide Inspection Form

Site-Wide Inspection Form
SSG/Modock Road Springs-Victor, New York

Item #	Inspection Item	Yes	No	Inspector Comments	Notes
1	Has a change of ownership occurred?		X		NYSDEC must be informed 60 days in advance
2	Has there been any change in Site use?		X		Current Site use is commercial.
3	Have any soil disturbance activities occurred in the past year?	X		Ongoing operation of the site as an active sand & gravel mine	Documentation shall be provided as required in the SMP.
4	Are any soil disturbance activities planned at this time?	X		As above	NYSDEC must be informed 7 days in advance of any soil disturbance activities
5	Is groundwater underlying the Site being used?	X		The groundwater is not used for potable purposes; however, groundwater is used for process water	Use of Site groundwater for potable purposes is prohibited without treatment rendering it safe for intended use. Use of groundwater from the Norampac well is allowable for cooling and process purposes.
6	Are there any vegetable gardens or farming at the Site?		X		These activities are prohibited.
7	Is there any activity that will or may tend to interfere with the completed remedy or the continued ability to implement		X		

Name of Inspector: Jeremy Wolf, Marks Engineering PC

Signature of Inspector: Jeremy Wolf

Date of Inspection: 10/4/24

Date of Last Inspection: 3/20/24

Required Date of Next Inspection: Prior to 3/31/2026

Identify expected inspector for next inspection: Jeremy Wolf, Marks Engineering PC

Additional comments or drawings:

See the Periodic Review Report for additional information, photographs, and figures.

MarksEngineering

Attachment E –
SSDS Inspection Report
March 2025 Inspection Events

March 19, 2025
Revised May 14, 2025

Jeffrey Dyber, P.E.
Chief, Remedial Section D, Remedial Bureau E
Division of Environmental Remediation
625 Broadway, Albany, NY 12233-7017
Email: Jeffrey.Dyber@dec.ny.gov

RE: Letter Report – Sub-Slab Depressurization System (SSDS) Inspections, March 2025
Modock Road Springs/DLS Sand & Gravel Inc. (NYSDEC Site No. 835013)
Marks Engineering Project No. 25-006

Dear Mr. Dyber:

Marks Engineering, P.C. (Marks Engineering) is pleased to provide this Sub-Slab Depressurization System (SSDS) Inspection Report prepared on behalf of Syracusa Sand and Gravel Inc. (SS&G). Marks Engineering conducted inspections of existing Sub-Slab Depressurization Systems (SSDSs) in March 2025 associated with 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").

The Site was formerly a NYSDEC Class 2 Inactive Hazardous Waste Disposal Site (Site No. 8-35-013). 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". The scope of work presented herein is consistent with the Site Management Plan (SMP), and the NYSDEC Record of Decision (ROD), for the Site. Accordingly, Marks Engineering contacted homeowners via telephone and e-mail requesting access to perform 18-month and annual frequency inspections of the existing SSDSs within residences in or adjacent to the groundwater plume. Letters requesting access were distributed to those parties that did not respond and/or if current e-mail or phone number contact information was not available. Annual inspections were previously conducted in March of 2024 and 18-month inspections were previously conducted in September of 2023. Of the 23 residents contacted, 18 granted access to inspect their existing SSDS, four residents did not respond, one resident requested the inspection to be conducted at a later date.

The results of the SSDS inspections are summarized on the attached **Table**. The SSDS inspection forms are also attached. The findings of the SSDS inspections are summarized as follows:

- At 16 of the 18 residents that granted access to inspect, the existing SSDSs were observed in good working order and require no maintenance at this time.
- One residence (Property A) had a noisy SSDS fan, but the SSDS was otherwise in good working order. The SSDS fan will be replaced by Mitigation Tech, Brockport, New York (EPA listing # 15415-I; NEHA ID# 100722).
- The existing SSDS at Property DD was recently disconnected and capped by the homeowner due to a home renovation project that will interfere with the current routing of the fan and associated piping. The resident will contact Marks Engineering to have the system reconnected once the renovation is complete. Consistent with last year's annual inspection, the homeowner requested reimbursement for a SSDS to be installed at a second workshop structure recently constructed on the property. The homeowner reported that subgrade piping was installed beneath the basement slab by his builder, but the above grade fan and piping trunk system has yet to be installed. SSG will arrange for installation of a SSDS at this location when the homeowner is ready and prior to occupancy (the structure is still currently under construction).

- The SSDS fan at Property T is installed in the basement; in consultation with Mitigation Tech this is contrary to the current NYSDOH guidance. The fan can be moved to the garage attic, as the exhaust pipe is already routed through the garage attic space, however the homeowner was unwilling to allow this intrusive type of work at this time. Marks Engineering will continue to address and discuss this item with the homeowner during future inspections. The SSDS was otherwise in good working order.

Should you have questions or concerns about the information presented herein, please do not hesitate to contact me via e-mail at jwolf@marksengineering.com, or via phone at **(585) 500-8392**. Future mailings to residences and SSDS inspections will be conducted at the frequency (either annually or 18 month) as described in the SMP.

Very truly yours,

Marks Engineering, P.C.

Jeremy Wolf
Principal - Environmental Consultant

Brennan Marks, PE

Attachments: **Table** - Sub-slab Depressurization System Monitoring, Maintenance and Inspection Summary (adapted from the SMP Table 2)

EC: Mark Syracusa, SSG
Scott Syracusa, SSG
Tom Walsh, Barclay Damon
Julia Kenney, NYSDOH
Jeff Dyber, DER
David Pratt, DER

Table - Sub-slab Depressurization System Monitoring, Maintenance and Inspection Summary

CONTINUED MAINTENANCE - MITIGATION LOCATIONS AND SSDS INSTALLED BY NYSDEC DURING RI				INSPECTION DATE	INSPECTION FINDINGS
#	Historic Sample ID	Redacted Property ID	Notes		
1	12	Property A	DEC installed mitigation system	3/10/2025	SSDS fan is noisy, *schedule replacement*
2	15	Property B	DEC installed mitigation system	3/7/2025	No Action Required - SSDS in good working order
3	28	Property C	DEC installed mitigation system	3/10/2025	No Action Required - SSDS in good working order
4	32	Property D	DEC installed mitigation system	3/7/2025	No Action Required - SSDS in good working order
5	54	Property E	DEC installed mitigation system	3/18/2025	No Action Required - SSDS in good working order
6	59	Property F	DEC installed mitigation system	3/10/2025	No Action Required - SSDS in good working order
CONTINUED MAINTENANCE - MONITOR LOCATIONS AND SSDS INSTALLED UNDER TOWN GRANT					
#	Historic Sample ID	Redacted Property ID	Notes		
1	3	Property G	Mitigation system installed by owner for radon and later reimbursed by Town with Senator Grant, not on figure 7 ROD	3/7/2025	No Action Required - SSDS in good working order
2	9	Property H	Mitigation System installed by Town with Senator Grant	3/7/2025	No Action Required - SSDS in good working order
3	14	Property I	Mitigation System installed by SS&G 6/21/22		No response from homeowner
4	29	Property J	Mitigation System installed by Town with Senator Grant	3/7/2025	No Action Required - SSDS in good working order
5	35	Property K	Mitigation System installed by Town with Senator Grant	3/7/2025	No Action Required - SSDS in good working order
6	38	Property L	No existing SSDS. Conducted SVI sampling in March 2022. Recommended installation of a SSDS to homeowner. Homeowner has not responded to any letter correspondence or phone calls since SVI sampling was conducted in 2022.		No response from homeowner
7		Property M	Mitigation system installed by owner for radon and later reimbursed by Town with Senator Grant, on figure 7 ROD	3/10/2025	No Action Required - SSDS in good working order
SVI SAMPLING - SSG TO PERFORM SVI SAMPLING IN 2018-2019 HEATING SEASON (Provided access is granted by property owner)					
#	Historic Sample ID	Redacted Property ID	Notes		
1	18	Property N	New SSDS installed in June 2024	3/7/2025	No Action Required - SSDS in good working order
2	52	Property O	No existing SSDS. Conducted SVI sampling in March 2022. Recommended installation of a SSDS to homeowner. Homeowner has not responded to any letter correspondence or phone calls since SVI sampling was conducted in 2022.		No response from homeowner
3	38	Property L	Property owner has not responded to requests for access to sample.		No response from homeowner
4		Property P	No SSDS installed. Conducted SVI Sampling in March 2023. No action required, offered optional installation of an SSDS to homeowner. Homeowner has not responded to any letter correspondence or phone calls since SVI was conducted in 2023.		No response from homeowner
EVALUATION OF SSDS STATUS					
#	Sample ID	Redacted Property ID	Notes		
1		Property Q	Send letter to property owner requesting access to inspect SSDS.	3/7/2025	No Action Required - SSDS in good working order
2		Property R	Send letter to property owner requesting access to inspect SSDS.		Homeowner requests inspection after April 1st. Inspection results will be reported next reporting period.
3		Property S	Send letter to property owner requesting access to inspect SSDS.		No response from homeowner
EVALUATION OF NEW STRUCTURES					
#	Sample ID	Redacted Property ID	Notes		
1		Property T		3/7/2025	No Action Required - SSDS in good working order. *Fan should be relocated out of basement; however, homeowner declined work.*
2		Property U		3/20/2025	No Action Required - SSDS in good working order
3		Property V	Conducted SVI Sampling in March 2025. No further action required.		No further action required
ANNUAL NOTIFICATION FOR THE 4 PRE-EXISTING SYSTEMS WITH POSSIBLE VI SAMPLING TO EVALUATE IF SYSTEM IS NECESSARY					
#	Historic Sample ID	Redacted Property ID	Notes		
1	na	Property AA	Send letter to property owner requesting access to inspect SSDS.	3/7/2025	No Action Required - SSDS in good working order
2	na	Property BB	Send letter to property owner requesting access to inspect SSDS.	3/10/2025	No Action Required - SSDS in good working order
3	na	Property CC	Send letter to property owner requesting access to inspect SSDS.		No response from homeowner
4	25	Property DD	Send letter to property owner requesting access to inspect SSDS.	3/7/2025	*Existing SSDS capped and disconnected by homeowner due to home renovation project. Mark's Engineer will coordinate reconnection of the system once the renovation is completed later this year. Homeowner has requested reimbursement for cost of new SSDS installed in newly constructed second structure on the property.*

Notes:

SSDS = Sub-slab Depressurization System
Table adapted from Table 2 of the NYSDEC approved Site Management Plan (SMP) dated March 2019.