December 2023

Annual Groundwater and Surface Water Sampling Report

October 2023 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

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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 2023 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 2023 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 2023 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 2023 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 October 2, 2023, 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 16, 2023 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 16, 2023. 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 November 28, 2023, 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 8 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 2023 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 8 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 2023 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. The only CVOC that did not decrease during the October 2023 sampling event was TCE at MW-15, which increased from 1.6 ug/L to 2.0 ug/L (both of which meet the applicable 5.0 ug/L SCGV for groundwater).

Due to the overall decreasing trend in CVOC concentrations in the plume, we anticipate groundwater monitoring for VOCs 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) to continue on an annual frequency. As in the past, soil vapor sampling will continue to be scheduled annually at the same time as the groundwater 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

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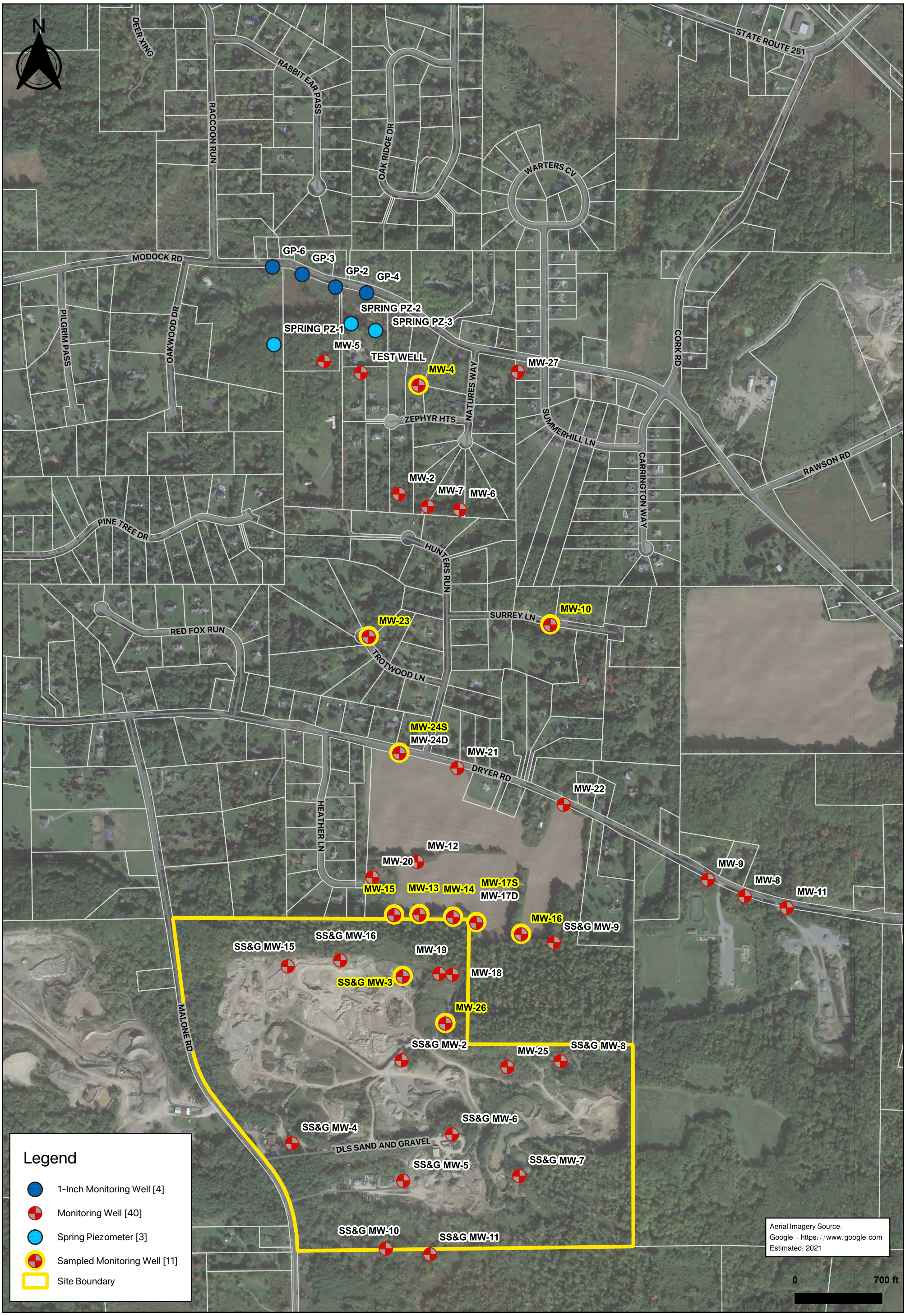
Figures



DECEMBER 2023 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 2023 SAMPLE EVENT)

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DECEMBER 2023 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 2023 SAMPLE EVENT)

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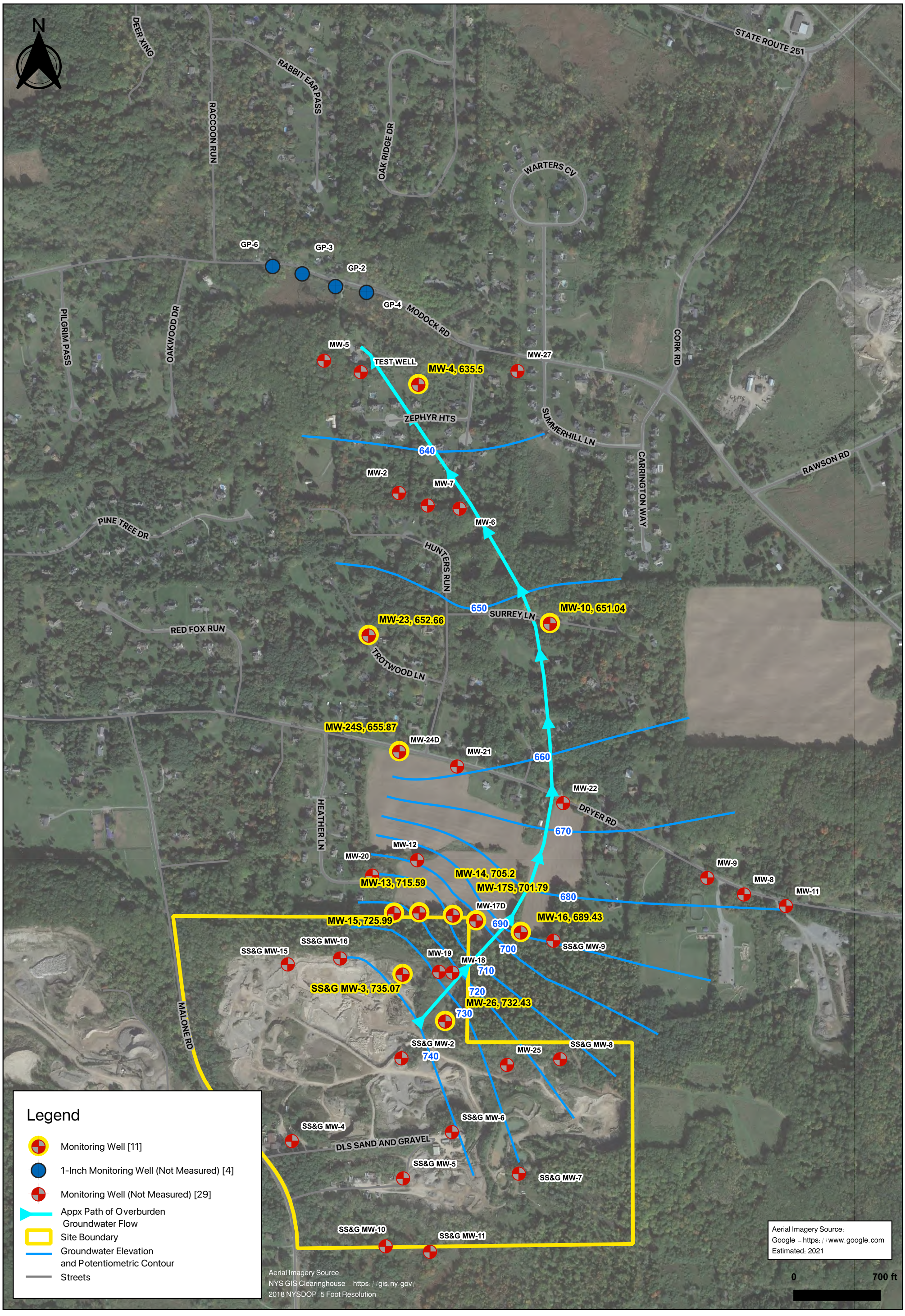

DECEMBER 2023 GROUNDWATER AND SURFACE WATER SAMPLE REPORT
MODOCK RD. SPRINGS/DLS SAND & GRAVEL INC. SITE
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK
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FIGURE 3

GROUNDWATER CONTOUR MAP
(OCTOBER 2023 SAMPLE EVENT)

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N

DEER XING
RABBIT EAR PASS
RACCOON RUN
OAK RIDGE DR
STATE ROUTE 251
WARTERS CV
MW-4:
TCE: 40
DCE: 1.6
TCA: 6.9
GP-6, NA
GP-3, NA
MODOCK RD
GP-2, NA
GP-4, NA
PILGRIM PASS
OAKWOOD DR
MW-5, NA
TEST WELL, NA
MW-27, NA
CORK RD
NATURES WAY
ZEPHYR HTS
SUMMERHILL LN
CARRINGTON WAY
MW-10:
TCE: .33 J
DCE: 1 U
TCA: 1.6
RAWSON RD
MW-2, NA
MW-6, NA
MW-7, NA
PINE TREE DR
HUNTERS RUN
MW-23:
TCE: 3.9
DCE: 0.2 J
TCA: 0.54 J
SURREY LN
RED FOX RUN
TROTWOOD LN
MW-14:
TCE: 40
DCE: 0.97 J
TCA: 9.2
MW-24S:
TCE: 58
DCE: 3.6
TCA: 11
MW-24D, NA
MW-21, NA
DRYER RD
MW-22, NA
MW-17S:
TCE: 210 D
DCE: 2.4
TCA: 14
HEATHER LN
MW-12, NA
MW-20, NA
MW-9, NA
MW-8, NA
MW-11, NA
MW-15:
TCE: 2
DCE: 2.1
TCA: 12
MW-13:
TCE: 42
DCE: 3.4
TCA: 21
MW-17D, NA
SS&G MW-9, NA
SS&G MW-16, NA
MW-18, NA
MW-16:
TCE: 120
DCE: 2.9
TCA: 14
SS&G MW-15, NA
MW-19, NA
SS&G MW-3:
TCE: 4.8
DCE: 0.59 J
TCA: 3.9
SS&G MW-2, NA
MW-25, NA
SS&G MW-8, NA
MW-26:
TCE: 110
DCE: 1.6
TCA: 6.5
SS&G MW-6, NA
SS&G MW-4, NA
DLS SAND AND GRAVEL
SS&G MW-5, NA
SS&G MW-7, NA
SS&G MW-10, NA
SS&G MW-11, NA

Legend

- 1-Inch Monitoring Well (Not Sampled) [4]
- Monitoring Well (Not Sampled) [29]
- Monitoring Well (Sampled) [11]
- Trichloroethylene (TCE)
- 1,1-Dichloroethene (DCE)
- 1,1,1-Trichloroethane (TCA)
- Approximate CVOC Plume (Aug 2019)
- Site Boundary

NA = Not Analyzed
J = Estimated
ND = Not Detected
D = Dilution

NOTE:
1. ANALYTICAL RESULT CONCENTRATIONS ARE IN UNITS OF ug/l.

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

0 700 ft

DECEMBER 2023 GROUNDWATER AND SURFACE WATER SAMPLE REPORT
MODOCK RD. SPRINGS/DLS SAND & GRAVEL INC. SITE
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK
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FIGURE 4

SUMMARY OF TOTAL CVOC DETECTIONS
IN GROUNDWATER
(OCTOBER 2023 SAMPLE EVENT)

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Tables

Table 1
Summary of Monitoring Well Sampling Program
October 2023 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 2023 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-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**	**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	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	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	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**	0.2 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**	**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	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	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	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	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	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	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	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	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	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	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	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	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	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	**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	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	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	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	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	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	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	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	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	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	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	**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	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	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	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	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	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	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	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	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	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	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	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	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**	**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	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	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	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	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	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	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	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	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 2023 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-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
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**	0.21 U	**3.8**	**30**	**34**	**45**	**41**	**36**	**33**	**21**
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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.25 U	**0.52 J**	**4.6**	**6.3**	**7.3**	**7.4**	**7.2**	**4.6**	**3.4**
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	0.2 U	0.2 U	0.2 U	0.25 U	1.0 U	1 U	1 U	1.0 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	0.25 U	0.25 U	0.25 U	0.34 UJ	1.0 U	1 U	1 U	1.0 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	0.45 U	0.45 U	0.45 U	0.45 U	2.0 U	2 U	2 U	2.0 U	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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	13 U	13 U	13 U	13 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	0.78 U	0.78 U	0.78 U	0.78 U	5.0 U	5 U	5 U	5.0 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	0.2 U	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 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	0.2 U	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 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	1 U	**20**	**16**	5 U	5.0 U	5 U	5 U	5.0 UJ	5 U
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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.24 U	0.24 U	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.22 U	0.22 U	0.22 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.25 UJ	0.25 UJ	0.25 UJ	0.25 U	1.0 U	1 U	1 U	1.0 U	1 UJ
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	0.7 UJ	0.7 U	0.7 U	0.7 UJ	1.0 U	1 UJ	1 U	1.0 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	0.25 U	0.25 U	0.25 U	0.42 U	1.0 U	1 U	1 U	1.0 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	0.34 U	0.34 U	0.34 U	0.34 U	1.0 U	1 UJ	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.23 U	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 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	0.24 U	0.24 U	0.24 U	0.24 U	1.0 U	1 U	1 U	1.0 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	0.28 U	1.0 U	1 U	1 U	1.0 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	0.26 U	0.26 U	0.26 U	0.26 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.21 U	0.21 U	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ	1 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	0.36 U	0.36 U	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.33 U	0.33 U	0.33 U	0.33 U	2.0 U	2 U	2 U	2.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	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**
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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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**	0.2 U	0.2 U	**53**	**46**	**52**	**46**	**44**	**40**	**42**
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	0.24 U	0.24 U	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.23 U	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	2.0 U	2 U	2 U	2.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.23 U	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 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.

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(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-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
71-55-6	1,1,1-Trichloroethane (TCA)	5	ug/L	**14**	**14**	**14**	**10**	**12**	**10**	**9.2**	**18**	**18**	**25**	**22**	**26**	**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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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**	**3.2**	**3.3**	**4.9**	**4**	**5.5 J**	**1.9**	**2.1**
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	0.2 U	0.25 U	1.0 U	1 U	1 U	1.0 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*	0.25 U	0.34 UJ	1.0 U	1 U	1 U	1.0 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	0.45 U	0.45 U	2.0 U	2 U	2 U	2.0 U	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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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*	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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*	13 U	13 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	0.78 U	0.78 U	5.0 U	5 U	5 U	5.0 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	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 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*	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 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	**16**	5 U	5.0 U	5 U	5 U	5.0 UJ	5 U
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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.22 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.25 UJ	0.25 U	1.0 U	1 U	1 U	1.0 U	1 UJ
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	0.7 U	0.7 UJ	1.0 UJ	1 UJ	1 U	1.0 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	0.25 U	0.42 U	1.0 U	1 U	1 U	1.0 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	0.34 U	0.34 U	1.0 UJ	1 UJ	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 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	0.24 U	0.24 U	1.0 U	1 U	1 U	1.0 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	0.28 U	0.28 U	1.0 U	1 U	1 U	1.0 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*	0.26 U	0.26 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ	1 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	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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*	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.33 U	0.33 U	2.0 U	2 U	2 U	2.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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*	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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**	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	1 U
79-01-6	Trichloroethylene (TCE)	5	ug/L	**59**	**56**	**61**	**46**	**47**	**45**	**40**	**1**	**1.1**	**1.2**	**1.1**	**1.8**	**1.6**	**2**
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	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 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*	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	2.0 U	2 U	2 U	2.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 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 2023 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-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-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**	0.21 U	**22**	**20**	**22**	**21 D**	**20**	**3.8**	**14**	**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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	1.0 U	1 U	1 U	1.0 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**	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**	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 U	1 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**	0.25 U	**5.3**	**3.5**	**4.7**	**3.7 DJ**	**4.2**	**0.56 J**	**2.4**	**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	0.2 U	0.4 U	0.5 U	2.5 U	5 U	2.5 U	1.0 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	1.0 U	1 U	1 U	1.0 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*	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	0.45 U	0.9 U	0.9 U	5.0 U	10 U	5 U	2.0 U	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	1.0 U	1 U	1 U	1.0 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	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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	1.0 U	1 U	1 U	1.0 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	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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	1.0 U	1 U	1 U	1.0 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*	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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	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*	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	0.78 U	1.6 U	1.6 U	13 U	25 U	13 U	5.0 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	5.0 U	5 U	5 U	5.0 U	5 U	0.2 U	0.4 U	0.4 U	13 U	25 U	13 U	5.0 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	5.0 U	5 U	5 U	5.0 U	*5 U*	0.2 U	0.4 U	0.4 U	13 U	25 U	13 U	5.0 U	*5 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	**15**	**19**	10 U	13 U	25 U	13 U	5.0 U	5 U	**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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	1.0 U	1 U	1 U	1.0 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	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	0.22 U	0.44 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	1.0 U	1 U	1 U	1.0 U	1 UJ	0.25 UJ	0.5 UJ	0.5 U	2.5 U	5 U	2.5 U	1.0 U	1 UJ	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	0.7 U	1.4 U	1.4 UJ	2.5 U	5 UJ	2.5 U	1.0 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	1.0 U	1 U	1 U	1.0 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	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	0.34 U	0.68 U	0.68 U	2.5 U	5 UJ	2.5 U	1.0 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	1.0 U	1 U	1 U	1.0 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	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	0.23 U	0.46 U	0.46 U	2.5 U	5 U	2.5 U	1.0 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	1.0 U	1 U	1 U	1.0 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	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	0.28 U	0.56 U	0.56 U	2.5 U	5 U	2.5 U	1.0 U	1 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*	0.26 U	0.52 U	0.52 U	2.5 U	5 U	2.5 U	1.0 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	1.0 U	1 U	1 U	1.0 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	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	0.21 U	0.42 U	0.42 U	2.5 U	5 U	2.5 U	1.0 UJ	1 U	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	0.36 U	0.72 U	1.3 U	2.5 U	5 U	2.5 U	1.0 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	1.0 U	1 U	1 U	1.0 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	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*	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	2.0 U	2 U	2 U	2.0 UJ	2 U	0.33 U	0.66 U	0.66 U	5.0 U	10 U	5 U	**0.59 BJ**	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	1.0 U	1 U	1 U	1.0 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	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*	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	1.0 U	1 U	1 U	1.0 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	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**	0.21 U	**1.2 J**	**1.3 J**	**1.5**	**1.6 DJ**	**1.2 J**	**0.27 J**	**0.98 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	**0.23 J**	1 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**	0.2 U	**320**	**300**	**340**	**290 D**	**280**	**96**	**210 D**	**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	0.24 U	0.48 U	0.48 U	2.5 UJ	5 U	2.5 U	1.0 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	1.0 U	1 U	1 U	1.0 UJ	1 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 UJ	1 U	0.2 U	0.2 U	0.2 U
156-59-2	Cis-1,2-Dichloroethylene	5	ug/L	0.23 U	**0.3 J**	1.0 U	1 U	1 U	1.0 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**	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*	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	2.0 U	2 U	2 U	2.0 U	2 U	0.2 U	0.4 U	0.4 U	5.0 U	10 U	5 U	2.0 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	1.0 U	1 U	1 U	1.0 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	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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	1.0 U	1 U	1 U	1.0 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	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 2023 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-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
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**	**7.7**	**15**	**16**	**19**	**14**	**13**	**13**	**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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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**	**0.87 J**	**1.3**	**1.4**	**1.7**	**1.6**	**1.4**	**1.4**	**1.5**
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**	**1.6**	**4.4**	**5.9**	**6.1**	**4.6**	**5.1**	**3.8**	**3.6**
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	0.2 U	0.2 U	0.25 U	1.0 U	1 U	1 U	1.0 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*	0.25 U	0.25 U	0.34 UJ	1.0 U	1 U	1 U	1.0 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	0.45 U	0.45 U	0.45 U	2.0 U	2 U	2 U	2.0 U	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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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*	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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*	13 U	13 U	13 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	0.78 U	0.78 U	0.78 U	5.0 U	5 U	5 U	5.0 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	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 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*	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 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	**8.4**	**13**	5 U	5.0 U	5 U	5 U	5.0 UJ	5 U
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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.24 U	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.22 U	0.22 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.25 U	0.25 U	0.25 U	1.0 U	1 U	1 U	1.0 U	1 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	0.7 U	0.7 U	0.7 UJ	1.0 U	1 UJ	1 U	1.0 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	0.25 U	0.25 U	0.42 U	1.0 U	1 U	1 U	1.0 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	0.34 U	0.34 U	0.34 U	1.0 U	1 UJ	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 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	0.24 U	0.24 U	0.24 U	1.0 U	1 U	1 U	1.0 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	**0.35 J**	**0.36 J**	0.28 U	1.0 U	1 U	1 U	1.0 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*	0.26 U	0.26 U	0.26 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.21 U	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ	1 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	0.36 U	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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*	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.33 U	0.33 U	0.33 U	2.0 U	2 U	2 U	2.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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*	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.21 U	**0.34 BJ**	0.21 U	**0.28**	**0.24 J**	**0.26 J**	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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**	**31**	**72**	**80**	**94**	**69**	**63**	**71**	**58**
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	0.24 U	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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**	0.23 U	0.23 U	**0.35 J**	1.0 U	1 U	1 U	1.0 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*	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	2.0 U	2 U	2 U	2.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 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.

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OCTOBER 2023 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-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**	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	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	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**	0.2 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**	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**	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	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*	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	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	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	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	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	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*	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	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*	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	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	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*	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	**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	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	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	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	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	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	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	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	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	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	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	**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*	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	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	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	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	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*	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	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	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*	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	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**	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	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**	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	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	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	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*	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	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	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	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	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 2023 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-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**	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	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	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	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	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**	0.25 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	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*	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	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	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	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	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	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*	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	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*	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	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	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*	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	**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	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	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	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	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	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	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	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	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	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	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	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*	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	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	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	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	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*	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	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	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*	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	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	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	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**	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	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	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	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*	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	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	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	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	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 2023 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	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**	**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	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	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	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**	**0.48 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**	**1.5**	**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	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*	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	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	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	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	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	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*	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	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*	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	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	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*	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	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	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	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	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	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	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	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	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	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	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	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	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*	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	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	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	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	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*	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	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	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*	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	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	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	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**	**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	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	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	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*	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	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	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	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	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	% Difference	Data Trend[1]
TCE	53	44	42	39	40	-75	Down
TCA	9.5	8.3	7.9	9	6.9	-94	Down
DCE	2.2	1.8	1.8	2.1	1.6	-77	Down
TCVOCs	64.7	54.1	51.7	50.1	48.5	-82	Down

MW-10	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	% Difference	Data Trend[1]
TCE	0.53	0.28	0.46	0.37	0.33	-67	Down
TCA	3.6	2.6	2.6	1.5	1.6	-50	Down
DCE	0	0	0	0	0	Non Detect	Down
TCVOCs	4.13	2.88	3.06	1.87	1.93	-39.6875	Down

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

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

MW-15	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	% Difference	Data Trend[1]
TCE	1.2	1.1	1.8	1.6	2	11	Up
TCA	25	22	26	12	12	-80	Down
DCE	4.9	4	5.5	1.9	2.1	-81	Down
TCVOCs	31.1	27.1	33.3	15.5	16.1	-78	Down

MW-16	8/5/2020	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	% Difference	Data Trend[1]
TCE	140	160	170	130	130	120	-66	Down
TCA	17	20	21	17	14	14	-86	Down
DCE	4.1	4.3	4.9	4.1	2.5	2.9	-85	Down
TCVOCs	161.1	184.3	195.9	151.1	146.5	136.9	-71	Down

MW-17S	8/5/2020	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	% Difference	Data Trend[1]
TCE	300	340	290	280	96	210	-75	Down
TCA	20	22	21	20	3.8	14	-83	Down
DCE	3.5	4.7	3.7	4.2	0.56	2.4	-91	Down
TCVOCs	323.5	366.7	314.7	304.2	100.36	226.4	-76	Down

MW-23	8/5/2020	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	% Difference	Data Trend[1]
TCE	0.83	0.43	0.97	1.2	0.23	0.23	-92	Down
TCA	0	0	0.46	0.97	0	0.54	-46	Down
DCE	0	0	0	0	0	0.2	-90	Down
TCVOCs	0.83	0.43	1.43	2.17	0.23	0.97	-76	Down

MW-24S	8/5/2020	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	% Difference	Data Trend[1]
TCE	80	94	69	63	71	58	-72	Down
TCA	16	19	14	13	13	11	-82	Down
DCE	5.9	6.1	4.6	5.1	3.8	3.6	-60	Down
TCVOCs	101.9	119.1	87.6	81.1	87.8	72.6	-74	Down

MW-26	8/5/2020	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	% Difference	Data Trend[1]
TCE	120	130	110	100	110	110	-8	Down
TCA	7.4	7.7	7.2	6.3	6.4	6.5	-22	Down
DCE	1.6	1.7	1.5	1.7	1.2	0.98	-48	Down
TCVOCs	129	139.4	118.7	108	117.6	117.48	-10	Down

SS&G MW-3	8/5/2020	10/22/2020	2/4/2021	4/21/2021	10/19/2022	10/16/2023	% Difference	Data Trend[1]
TCE	5.1	5.2	4.4	4.7	9.5	4.8	-99	Down
TCA	4.1	5.1	4.3	4.2	4.3	3.9	-98	Down
DCE	0.88	0.78	0.65	0.66	0.63	0.59	-99	Down
TCVOCs	10.08	11.08	9.35	9.56	14.43	9.29	-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	% Difference	Data Trend[1]
TCE	77	91	77	56.3	76	57	50	30	34	37	31	33	30	26	-76	Down
TCA	31	24	23	15.1	21	16	12	5.9	6.3	7.6	6.2	6.8	5	4.6	-93	Down
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	na	Down
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	-82	Down

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 2023

		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	41.11	51.05	9.94	46.08	5.97	3.97	635.5	625.56	630.53	631.53	629.53	3.97	10/2/2023	1125	10/16/2022	945	41.15
MW-10	731.44	80.40	90.65	10.74	85.28	6.00	4.00	651.04	640.79	646.16	646.79	644.79	4.74	10/2/2023	0900	10/16/2022	0910	80.45
MW-13	781.20	65.61	74.55	8.94	70.08	5.47	3.47	715.59	706.65	711.12	712.12	710.12	3.47	10/2/2023	0955	10/16/2022	1140	65.59
MW-14	759.17	53.97	63.92	9.95	58.95	5.98	3.98	705.2	695.25	700.23	701.23	699.23	3.97	10/2/2023	1010	10/16/2022	1150	53.98
MW-15	786.44	60.45	70.11	9.66	65.28	5.83	3.83	725.99	716.33	721.16	722.16	720.16	3.83	10/2/2023	0940	10/16/2022	1130	60.47
MW-16	754.95	65.52	70.53	5.01	68.03	3.51	1.51	689.43	684.42	686.93	687.93	685.93	1.50	10/2/2023	1045	10/16/2022	1210	65.53
MW-17S	760.09	58.3	68.35	10.05	63.33	6.00	4.00	701.79	691.74	696.77	697.74	695.74	4.05	10/2/2023	1030	10/16/2022	1200	58.56
MW-23	691.42	38.76	46.21	7.45	42.49	4.73	2.73	652.66	645.21	41.11	649.94	647.94	2.72	10/2/2023	0835	10/16/2022	1105	37.47
MW-24S	722.31	66.44	74.09	7.65	70.27	4.82	2.82	655.87	648.22	652.05	653.04	651.04	2.83	10/2/2023	0915	10/16/2022	0925	66.55
MW-26	800.59	68.16	84.46	16.3	76.31	6.00	4.00	732.43	716.13	724.28	722.13	720.13	10.30	10/2/2023	1200	10/16/2022	1040	68.07
SS&G MW-3	805.43	70.36	74.85	4.49	72.61	3.25	1.25	735.07	730.58	732.83	733.83	731.83	1.24	10/2/2023	1145	10/16/2022	1025	70.41

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: DUP101623B, Dup Time: 1230

Appendix B
Surface Water Sampling Log

Surface Water Sampling Log

Date 10/16/2023
Site Name Modock Rd. Springs/DLS Sand & Gravel, Inc. Site
Location Victor, NY
Project No. 23-041
Personnel Jeremy Wolf

Weather Light Rain
Location ID SC-1
Sampling Method Teflon Dipper
Other

Sample Information:
Location of Sample SC-1
Amount of Water at Surface (est.) _____ gal.(s)
Other Description:

Approximate Location Drawing:

Instrument Calibration:

pH Buffer Readings		Conductivity Standard Readings	
4.0 Standard	NA	84 S Standard	NA
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 NA	initial NA	initial NA	initial NA	initial NA
↓	↓	↓	↓	↓

Water Sample:
Time Collected 1000

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

Notes:

Collected Blind DUP
DUP ID: DUP101623A
Time: 1200
Date: 10/16/23

Collected Equipment Blank Prior to collection of Sample
ID: EB 101623
Time: 0955
Date: 10/16/23

Appendix C
Chain of Custody Form

Chain of Custody / Analytical Request Form

75772

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: 23-041
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:

Lab ID (ALS)	Sample Collection Information: Sample ID:	Date	Time	Matrix	Number of Containers	MS/MSD?	Preservative: 1 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	10/16/23	1105	GW	3		3							
	MW-10 MS/MSD	10/16/23	0910	GW	3	6	9							
	MW-24S	10/16/23	0915	GW	3		3							
	MW-4	10/16/23	0945	GW	3		3							
	SC-1	10/16/23	1000	GW	3		3							
	MW-15	10/16/23	1130	GW	3		3							
	MW-13	10/16/23	1140	GW	3		3							
	MW-14	10/16/23	1150	GW	3		3							
	MW-17S	10/16/23	1200	GW	3		3							
	MW-16	10/16/23	1210	GW	3		3							

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

Preservative: 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 #: 23-041

Company: Marks Engineering PC

Contact: Jeremy Wolf

Email: JWolf@marksengineering.com

Phone: 585-500-8392

Address: 4303 Route 5 & 20 Canandaigua NY 14424

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature		RRL				
Printed Name	Jeremy Wolf	Remy Rubin				
Company		ALS				
Date/Time		10/17/23 1225				

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

R2309561 5
Marks Engineering, PC
DLS Modock Rd Springs

Chain of Custody / Analytical Request Form

75773

SR#:

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

Report To:

Company: Marks Engineering PC
Contact: Jeremy Wolf
Email: JWolfe marks Engineering .com
Phone: 585-500-8392
Address: 4303 Route 5 & 20
Canandaigua NY 14424

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER

Project Name: DLS Mobark Rd Springs
Project Number: 23-041
ALS Quote #:
Sampler's Signature: JW
Email CC:
Email CC:
State Samples Collected (Circle or Write): NY, MA, PA, CT, Other:

Preservative: 1

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-2	10/16/23	1025	GW	3		3							
	MW-26	10/16/23	1040	GW	3		3							
	DUP 10/623 A	10/16/23	1200	GW	3		3							
	DUP 10 16 23 B	10/16/23	1230	GW	3		3							
	EB 10 16 23	10/16/23	0955	AQ	3		3							
	VOC Trip Blank						2							

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 #: 23-041
Company: Marks Engineering PC
Contact: Jeremy Wolf
Email: JWolfe Marks Engineering .com
Phone: 585-500-8392
Address:

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature	JW	RRub				
Printed Name	Jeremy Wolf	Remy Rubin				
Company		ALS				
Date/Time		10/17/23 1225				

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

MarksEngineering

Exhibit A
Laboratory Report
(Results Only)

October 31, 2023 Service Request No:R2309561

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

Laboratory Results for: DLS Modock Rd Springs

Dear Mr.Wolf,

Enclosed are the results of the sample(s) submitted to our laboratory October 17, 2023
For your reference, these analyses have been assigned our service request number **R2309561.**

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 Rd Springs
Sample Matrix: Water

Service Request: R2309561
Date Received: 10/17/2023

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.

Sample Receipt:

Sixteen water samples were received for analysis at ALS Environmental on 10/17/2023. 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 8260C, 10/24/2023: 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 8260C, 10/25/2023: 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.

Approved by _____ Date 10/31/2023

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:**R2309561

Project: DLS Modock Rd Springs/23-041

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2309561-001	MW-23	10/16/2023	1105
R2309561-002	MW-10	10/16/2023	0910
R2309561-003	MW-24S	10/16/2023	0915
R2309561-004	MW-4	10/16/2023	0945
R2309561-005	SC-1	10/16/2023	1000
R2309561-006	MW-15	10/16/2023	1130
R2309561-007	MW-13	10/16/2023	1140
R2309561-008	MW-14	10/16/2023	1150
R2309561-009	MW-17S	10/16/2023	1200
R2309561-010	MW-16	10/16/2023	1210
R2309561-011	SS-G MW-3	10/16/2023	1025
R2309561-012	MW-26	10/16/2023	1040
R2309561-013	DUP 101623 A	10/16/2023	1200
R2309561-014	DUP 101623 B	10/16/2023	1230
R2309561-015	EB 101623	10/16/2023	0955
R2309561-016	Trip Blank	10/16/2023	

Chain of Custody / Analytical Request Form

75772

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: 23-041
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:

Lab ID (ALS)	Sample Collection Information: Sample ID:	Date	Time	Matrix	Number of Containers	MS/MSD?	Preservative: 1 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	10/16/23	1105	GW	3		3							
	MW-10 MS/MSD	10/16/23	0910	GW	3	6	9							
	MW-24S	10/16/23	0915	GW	3		3							
	MW-4	10/16/23	0945	GW	3		3							
	SC-1	10/16/23	1000	GW	3		3							
	MW-15	10/16/23	1130	GW	3		3							
	MW-13	10/16/23	1140	GW	3		3							
	MW-14	10/16/23	1150	GW	3		3							
	MW-17S	10/16/23	1200	GW	3		3							
	MW-16	10/16/23	1210	GW	3		3							

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

Preservative: 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 #: 23-041

Company: Marks Engineering PC

Contact: Jeremy Wolf

Email: JWolf@marksengineering.com

Phone: 585-500-8392

Address: 4303 Route 5 & 20 Canandaigua NY 14424

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature		RRL				
Printed Name	Jeremy Wolf	Remy Rubin				
Company		ALS				
Date/Time		10/17/23 1225				

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

R2309561 5
Marks Engineering, PC
DLS Modock Rd Springs

Chain of Custody / Analytical Request Form

75773

SR#:

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

Report To:

Company: Marks Engineering PC
Contact: Jeremy Wolf
Email: JWolfe marks Engineering .com
Phone: 585-500-8392
Address: 4303 Route 5 & 20
Canandaigua NY 14424

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER

Project Name: DLS Mobark Rd Springs
Project Number: 23-041
ALS Quote #:
Sampler's Signature: JW
Email CC:
Email CC:
State Samples Collected (Circle or Write): NY, MA, PA, CT, Other:

Preservative: 1

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-2	10/16/23	1025	GW	3		3							
	MW-26	10/16/23	1040	GW	3		3							
	DUP 10/623 A	10/16/23	1200	GW	3		3							
	DUP 10 16 23 B	10/16/23	1230	GW	3		3							
	EB 10 16 23	10/16/23	0955	AQ	3		3							
	VOC Trip Blank						2							

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 #: 23-041
Company: Marks Engineering PC
Contact: Jeremy Wolf
Email: JWolfe Marks Engineering .com
Phone: 585-500-8392
Address:

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature	JW	RRub				
Printed Name	Jeremy Wolf	Remy Rubin				
Company		ALS				
Date/Time		10/17/23 1225				

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

Cooler Receipt and Preservat

R2309561 5
Marks Engineering, PC
DLS Modock Rd Springs

Project/Client _____ Folder Number _____

Cooler received on 10/17/23 by: RR COURIER: ALS UPS FEDEX VELOCITY (CLIENT)

1	Were **Custody seals** on outside of cooler?	Y (N)	5a	**Perchlorate** samples have required headspace?	Y N (NA)
2	**Custody papers** properly completed (ink, signed)?	(Y) N	5b	Did VOA vials, Alk,or Sulfide have sig* **bubbles**?	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: 10/17/23 Time: 1227 ID: IR#12 (IR#11) From: Temp Blank Sample Bottle

Observed Temp (°C)	9.4						
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: R002 by RR on 10/17 at 1230
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 10/18/23 Time: 1245 by: RR

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES (NO)
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	**	**	23040119	2126				

**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: 082823-3AXH, 091823-3EPR 11/09 1823-3 exp 9/24
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: RR
PC Secondary Review: JMW 10/23/23 *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
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:**	R2309561
Project:	DLS Modock Rd Springs/23-041		

Sample Name:	MW-23	**Date Collected:**	10/16/23
Lab Code:	R2309561-001	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	MW-10	**Date Collected:**	10/16/23
Lab Code:	R2309561-002	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	MW-24S	**Date Collected:**	10/16/23
Lab Code:	R2309561-003	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	MW-4	**Date Collected:**	10/16/23
Lab Code:	R2309561-004	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	SC-1	**Date Collected:**	10/16/23
Lab Code:	R2309561-005	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041		

Sample Name:	MW-15	**Date Collected:**	10/16/23
Lab Code:	R2309561-006	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	MW-13	**Date Collected:**	10/16/23
Lab Code:	R2309561-007	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	MW-14	**Date Collected:**	10/16/23
Lab Code:	R2309561-008	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	MW-17S	**Date Collected:**	10/16/23
Lab Code:	R2309561-009	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	MW-17S	**Date Collected:**	10/16/23
Lab Code:	R2309561-009.R01	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041		

Sample Name:	MW-16	**Date Collected:**	10/16/23
Lab Code:	R2309561-010	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	SS-G MW-3	**Date Collected:**	10/16/23
Lab Code:	R2309561-011	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	MW-26	**Date Collected:**	10/16/23
Lab Code:	R2309561-012	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	DUP 101623 A	**Date Collected:**	10/16/23
Lab Code:	R2309561-013	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	DUP 101623 B	**Date Collected:**	10/16/23
Lab Code:	R2309561-014	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041		

Sample Name:	EB 101623	**Date Collected:**	10/16/23
Lab Code:	R2309561-015	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	Trip Blank	**Date Collected:**	10/16/23
Lab Code:	R2309561-016	**Date Received:**	10/17/23
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

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

Water/Liquid Matrix

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

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 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.	

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
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www.alsglobal.com

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 11:05
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-23	**Units:**	ug/L
Lab Code:	R2309561-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**0.54**	**J**	1.0	0.20	1	10/24/23 18:34	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,1,2-Trichloroethane	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,1-Dichloroethane (1,1-DCA)	**1.5**		1.0	0.20	1	10/24/23 18:34	
1,1-Dichloroethene (1,1-DCE)	**0.20**	**J**	1.0	0.20	1	10/24/23 18:34	
1,2,3-Trichlorobenzene	1.0	U	1.0	0.25	1	10/24/23 18:34	
1,2,4-Trichlorobenzene	1.0	U	1.0	0.34	1	10/24/23 18:34	
1,2-Dibromo-3-chloropropane (DBCP)	2.0	U	2.0	0.45	1	10/24/23 18:34	
1,2-Dibromoethane	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,2-Dichloroethane	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,2-Dichloropropane	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,3-Dichlorobenzene	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,4-Dichlorobenzene	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,4-Dioxane	40	U	40	13	1	10/24/23 18:34	
2-Butanone (MEK)	5.0	U	5.0	0.78	1	10/24/23 18:34	
2-Hexanone	5.0	U	5.0	0.20	1	10/24/23 18:34	
4-Methyl-2-pentanone	5.0	U	5.0	0.20	1	10/24/23 18:34	
Acetone	5.0	U	5.0	5.0	1	10/24/23 18:34	
Benzene	1.0	U	1.0	0.20	1	10/24/23 18:34	
Bromochloromethane	1.0	U	1.0	0.20	1	10/24/23 18:34	
Bromodichloromethane	1.0	U	1.0	0.20	1	10/24/23 18:34	
Bromoform	1.0	U	1.0	0.25	1	10/24/23 18:34	
Bromomethane	1.0	U	1.0	0.70	1	10/24/23 18:34	
Carbon Disulfide	1.0	U	1.0	0.42	1	10/24/23 18:34	
Carbon Tetrachloride	1.0	U	1.0	0.34	1	10/24/23 18:34	
Chlorobenzene	1.0	U	1.0	0.20	1	10/24/23 18:34	
Chloroethane	1.0	U	1.0	0.23	1	10/24/23 18:34	
Chloroform	1.0	U	1.0	0.51	1	10/24/23 18:34	
Chloromethane	1.0	U	1.0	0.80	1	10/24/23 18:34	
Cyclohexane	1.0	U	1.0	0.60	1	10/24/23 18:34	
Dibromochloromethane	1.0	U	1.0	0.20	1	10/24/23 18:34	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.21	1	10/24/23 18:34	
Dichloromethane	1.0	U	1.0	0.65	1	10/24/23 18:34	
Ethylbenzene	1.0	U	1.0	0.20	1	10/24/23 18:34	
Isopropylbenzene (Cumene)	1.0	U	1.0	0.20	1	10/24/23 18:34	
Methyl Acetate	2.0	U	2.0	0.87	1	10/24/23 18:34	
Methyl tert-Butyl Ether	1.0	U	1.0	0.20	1	10/24/23 18:34	
Methylcyclohexane	1.0	U	1.0	0.20	1	10/24/23 18:34	
Styrene	1.0	U	1.0	0.20	1	10/24/23 18:34	
Tetrachloroethene (PCE)	1.0	U	1.0	0.21	1	10/24/23 18:34	
Toluene	1.0	U	1.0	0.20	1	10/24/23 18:34	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 11:05
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-23	**Units:**	ug/L
Lab Code:	R2309561-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**3.9**	1.0	0.20	1	10/24/23 18:34	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 18:34	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 18:34	
cis-1,2-Dichloroethene	**1.4**	1.0	0.23	1	10/24/23 18:34	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 18:34	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 18:34	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 18:34	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 18:34	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 18:34	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	10/24/23 18:34	
Dibromofluoromethane	96	80 - 116	10/24/23 18:34	
Toluene-d8	105	87 - 121	10/24/23 18:34	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 09:10
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2309561-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**1.6**	1.0	0.20	1	10/24/23 18:57	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 18:57	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 18:57	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 18:57	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,4-Dioxane	40 U	40	13	1	10/24/23 18:57	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 18:57	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 18:57	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 18:57	
Acetone	5.0 U	5.0	5.0	1	10/24/23 18:57	
Benzene	1.0 U	1.0	0.20	1	10/24/23 18:57	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 18:57	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 18:57	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 18:57	
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 18:57	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 18:57	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 18:57	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 18:57	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 18:57	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 18:57	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 18:57	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 18:57	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 18:57	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 18:57	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 18:57	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 18:57	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 18:57	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 18:57	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 18:57	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 18:57	
Styrene	1.0 U	1.0	0.20	1	10/24/23 18:57	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 18:57	
Toluene	1.0 U	1.0	0.20	1	10/24/23 18:57	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 09:10
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2309561-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**0.33 J**	1.0	0.20	1	10/24/23 18:57	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 18:57	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 18:57	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 18:57	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 18:57	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 18:57	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 18:57	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 18:57	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 18:57	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	88	85 - 122	10/24/23 18:57	
Dibromofluoromethane	94	80 - 116	10/24/23 18:57	
Toluene-d8	100	87 - 121	10/24/23 18:57	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 09:15
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-24S	**Units:**	ug/L
Lab Code:	R2309561-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**11**	1.0	0.20	1	10/24/23 22:00	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,1-Dichloroethane (1,1-DCA)	**1.5**	1.0	0.20	1	10/24/23 22:00	
1,1-Dichloroethene (1,1-DCE)	**3.6**	1.0	0.20	1	10/24/23 22:00	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 22:00	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 22:00	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 22:00	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,4-Dioxane	40 U	40	13	1	10/24/23 22:00	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 22:00	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 22:00	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 22:00	
Acetone	5.0 U	5.0	5.0	1	10/24/23 22:00	
Benzene	1.0 U	1.0	0.20	1	10/24/23 22:00	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 22:00	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 22:00	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 22:00	
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 22:00	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 22:00	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 22:00	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:00	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 22:00	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 22:00	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 22:00	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 22:00	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 22:00	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 22:00	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 22:00	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 22:00	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 22:00	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 22:00	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 22:00	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 22:00	
Styrene	1.0 U	1.0	0.20	1	10/24/23 22:00	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 22:00	
Toluene	1.0 U	1.0	0.20	1	10/24/23 22:00	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 09:15
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-24S	**Units:**	ug/L
Lab Code:	R2309561-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**58**	1.0	0.20	1	10/24/23 22:00	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 22:00	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 22:00	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 22:00	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 22:00	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 22:00	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 22:00	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 22:00	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 22:00	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	10/24/23 22:00	
Dibromofluoromethane	94	80 - 116	10/24/23 22:00	
Toluene-d8	103	87 - 121	10/24/23 22:00	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 09:45
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R2309561-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**6.9**	1.0	0.20	1	10/24/23 19:20	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,1-Dichloroethane (1,1-DCA)	**0.52 J**	1.0	0.20	1	10/24/23 19:20	
1,1-Dichloroethene (1,1-DCE)	**1.6**	1.0	0.20	1	10/24/23 19:20	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 19:20	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 19:20	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 19:20	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,4-Dioxane	40 U	40	13	1	10/24/23 19:20	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 19:20	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 19:20	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 19:20	
Acetone	5.0 U	5.0	5.0	1	10/24/23 19:20	
Benzene	1.0 U	1.0	0.20	1	10/24/23 19:20	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 19:20	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 19:20	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 19:20	
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 19:20	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 19:20	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 19:20	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 19:20	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 19:20	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 19:20	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 19:20	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 19:20	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 19:20	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 19:20	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 19:20	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 19:20	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 19:20	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 19:20	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 19:20	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 19:20	
Styrene	1.0 U	1.0	0.20	1	10/24/23 19:20	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 19:20	
Toluene	1.0 U	1.0	0.20	1	10/24/23 19:20	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 09:45
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R2309561-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**40**	1.0	0.20	1	10/24/23 19:20	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 19:20	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 19:20	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 19:20	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 19:20	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 19:20	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 19:20	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 19:20	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 19:20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	90	85 - 122	10/24/23 19:20	
Dibromofluoromethane	91	80 - 116	10/24/23 19:20	
Toluene-d8	98	87 - 121	10/24/23 19:20	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 10:00
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	SC-1	**Units:**	ug/L
Lab Code:	R2309561-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**4.6**	1.0	0.20	1	10/24/23 19:43	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,1-Dichloroethane (1,1-DCA)	**0.40 J**	1.0	0.20	1	10/24/23 19:43	
1,1-Dichloroethene (1,1-DCE)	**1.1**	1.0	0.20	1	10/24/23 19:43	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 19:43	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 19:43	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 19:43	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,4-Dioxane	40 U	40	13	1	10/24/23 19:43	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 19:43	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 19:43	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 19:43	
Acetone	5.0 U	5.0	5.0	1	10/24/23 19:43	
Benzene	1.0 U	1.0	0.20	1	10/24/23 19:43	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 19:43	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 19:43	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 19:43	
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 19:43	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 19:43	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 19:43	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 19:43	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 19:43	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 19:43	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 19:43	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 19:43	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 19:43	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 19:43	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 19:43	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 19:43	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 19:43	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 19:43	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 19:43	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 19:43	
Styrene	1.0 U	1.0	0.20	1	10/24/23 19:43	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 19:43	
Toluene	1.0 U	1.0	0.20	1	10/24/23 19:43	

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 10:00
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	SC-1	**Units:**	ug/L
Lab Code:	R2309561-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**26**	1.0	0.20	1	10/24/23 19:43	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 19:43	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 19:43	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 19:43	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 19:43	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 19:43	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 19:43	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 19:43	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 19:43	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	87	85 - 122	10/24/23 19:43	
Dibromofluoromethane	96	80 - 116	10/24/23 19:43	
Toluene-d8	103	87 - 121	10/24/23 19:43	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 11:30
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-15	**Units:**	ug/L
Lab Code:	R2309561-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**12**	1.0	0.20	1	10/24/23 20:06	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,1-Dichloroethene (1,1-DCE)	**2.1**	1.0	0.20	1	10/24/23 20:06	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 20:06	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 20:06	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 20:06	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,4-Dioxane	40 U	40	13	1	10/24/23 20:06	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 20:06	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 20:06	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 20:06	
Acetone	5.0 U	5.0	5.0	1	10/24/23 20:06	
Benzene	1.0 U	1.0	0.20	1	10/24/23 20:06	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 20:06	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 20:06	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 20:06	
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 20:06	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 20:06	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 20:06	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:06	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 20:06	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 20:06	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 20:06	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 20:06	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 20:06	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 20:06	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 20:06	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 20:06	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 20:06	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 20:06	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 20:06	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 20:06	
Styrene	1.0 U	1.0	0.20	1	10/24/23 20:06	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 20:06	
Toluene	1.0 U	1.0	0.20	1	10/24/23 20:06	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 11:30
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-15	**Units:**	ug/L
Lab Code:	R2309561-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**2.0**	1.0	0.20	1	10/24/23 20:06	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 20:06	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 20:06	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 20:06	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 20:06	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 20:06	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 20:06	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 20:06	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 20:06	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/24/23 20:06	
Dibromofluoromethane	98	80 - 116	10/24/23 20:06	
Toluene-d8	105	87 - 121	10/24/23 20:06	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 11:40
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2309561-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**21**	1.0	0.20	1	10/24/23 20:28	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,1-Dichloroethene (1,1-DCE)	**3.4**	1.0	0.20	1	10/24/23 20:28	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 20:28	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 20:28	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 20:28	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,4-Dioxane	40 U	40	13	1	10/24/23 20:28	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 20:28	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 20:28	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 20:28	
Acetone	5.0 U	5.0	5.0	1	10/24/23 20:28	
Benzene	1.0 U	1.0	0.20	1	10/24/23 20:28	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 20:28	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 20:28	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 20:28	
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 20:28	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 20:28	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 20:28	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:28	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 20:28	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 20:28	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 20:28	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 20:28	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 20:28	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 20:28	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 20:28	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 20:28	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 20:28	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 20:28	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 20:28	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 20:28	
Styrene	1.0 U	1.0	0.20	1	10/24/23 20:28	
Tetrachloroethene (PCE)	**0.33 J**	1.0	0.21	1	10/24/23 20:28	
Toluene	1.0 U	1.0	0.20	1	10/24/23 20:28	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 11:40
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2309561-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**42**	1.0	0.20	1	10/24/23 20:28	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 20:28	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 20:28	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 20:28	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 20:28	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 20:28	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 20:28	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 20:28	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 20:28	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/24/23 20:28	
Dibromofluoromethane	96	80 - 116	10/24/23 20:28	
Toluene-d8	103	87 - 121	10/24/23 20:28	

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 11:50
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-14	**Units:**	ug/L
Lab Code:	R2309561-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**9.2**	1.0	0.20	1	10/24/23 22:24	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,1-Dichloroethene (1,1-DCE)	**0.97 J**	1.0	0.20	1	10/24/23 22:24	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 22:24	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 22:24	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 22:24	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,4-Dioxane	40 U	40	13	1	10/24/23 22:24	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 22:24	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 22:24	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 22:24	
Acetone	5.0 U	5.0	5.0	1	10/24/23 22:24	
Benzene	1.0 U	1.0	0.20	1	10/24/23 22:24	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 22:24	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 22:24	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 22:24	
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 22:24	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 22:24	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 22:24	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:24	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 22:24	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 22:24	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 22:24	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 22:24	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 22:24	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 22:24	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 22:24	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 22:24	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 22:24	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 22:24	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 22:24	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 22:24	
Styrene	1.0 U	1.0	0.20	1	10/24/23 22:24	
Tetrachloroethene (PCE)	**0.53 J**	1.0	0.21	1	10/24/23 22:24	
Toluene	1.0 U	1.0	0.20	1	10/24/23 22:24	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 11:50
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-14	**Units:**	ug/L
Lab Code:	R2309561-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**40**	1.0	0.20	1	10/24/23 22:24	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 22:24	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 22:24	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 22:24	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 22:24	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 22:24	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 22:24	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 22:24	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 22:24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/24/23 22:24	
Dibromofluoromethane	96	80 - 116	10/24/23 22:24	
Toluene-d8	105	87 - 121	10/24/23 22:24	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:00
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-17S	**Units:**	ug/L
Lab Code:	R2309561-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**14**	1.0	0.20	1	10/24/23 22:46	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,1,2-Trichloroethane	**0.54 J**	1.0	0.20	1	10/24/23 22:46	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,1-Dichloroethene (1,1-DCE)	**2.4**	1.0	0.20	1	10/24/23 22:46	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 22:46	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 22:46	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 22:46	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,4-Dioxane	40 U	40	13	1	10/24/23 22:46	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 22:46	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 22:46	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 22:46	
Acetone	5.0 U	5.0	5.0	1	10/24/23 22:46	
Benzene	1.0 U	1.0	0.20	1	10/24/23 22:46	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 22:46	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 22:46	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 22:46	
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 22:46	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 22:46	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 22:46	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:46	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 22:46	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 22:46	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 22:46	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 22:46	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 22:46	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 22:46	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 22:46	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 22:46	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 22:46	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 22:46	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 22:46	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 22:46	
Styrene	1.0 U	1.0	0.20	1	10/24/23 22:46	
Tetrachloroethene (PCE)	**0.98 J**	1.0	0.21	1	10/24/23 22:46	
Toluene	1.0 U	1.0	0.20	1	10/24/23 22:46	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:00
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-17S	**Units:**	ug/L
Lab Code:	R2309561-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**240**	**E**	1.0	0.20	1	10/24/23 22:46	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.24	1	10/24/23 22:46	
Vinyl Chloride	1.0	U	1.0	0.20	1	10/24/23 22:46	
cis-1,2-Dichloroethene	**0.24**	**J**	1.0	0.23	1	10/24/23 22:46	
cis-1,3-Dichloropropene	1.0	U	1.0	0.20	1	10/24/23 22:46	
m,p-Xylenes	2.0	U	2.0	0.20	1	10/24/23 22:46	
o-Xylene	1.0	U	1.0	0.20	1	10/24/23 22:46	
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	10/24/23 22:46	
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	10/24/23 22:46	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	10/24/23 22:46	
Dibromofluoromethane	96	80 - 116	10/24/23 22:46	
Toluene-d8	103	87 - 121	10/24/23 22:46	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:00
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-17S	**Units:**	ug/L
Lab Code:	R2309561-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**13 D**	2.5	0.50	2.5	10/25/23 12:37	
1,1,2,2-Tetrachloroethane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,1,2-Trichloroethane	**0.55 DJ**	2.5	0.50	2.5	10/25/23 12:37	
1,1,2-Trichloro-1,2,2-trifluoroethane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,1-Dichloroethane (1,1-DCA)	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,1-Dichloroethene (1,1-DCE)	**2.4 DJ**	2.5	0.50	2.5	10/25/23 12:37	
1,2,3-Trichlorobenzene	2.5 U	2.5	0.63	2.5	10/25/23 12:37	
1,2,4-Trichlorobenzene	2.5 U	2.5	0.85	2.5	10/25/23 12:37	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1.2	2.5	10/25/23 12:37	
1,2-Dibromoethane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,2-Dichlorobenzene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,2-Dichloroethane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,2-Dichloropropane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,3-Dichlorobenzene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,4-Dichlorobenzene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,4-Dioxane	100 U	100	33	2.5	10/25/23 12:37	
2-Butanone (MEK)	13 U	13	2.0	2.5	10/25/23 12:37	
2-Hexanone	13 U	13	0.50	2.5	10/25/23 12:37	
4-Methyl-2-pentanone	13 U	13	0.50	2.5	10/25/23 12:37	
Acetone	13 U	13	13	2.5	10/25/23 12:37	
Benzene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Bromochloromethane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Bromodichloromethane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Bromoform	2.5 U	2.5	0.63	2.5	10/25/23 12:37	
Bromomethane	2.5 U	2.5	1.8	2.5	10/25/23 12:37	
Carbon Disulfide	2.5 U	2.5	1.1	2.5	10/25/23 12:37	
Carbon Tetrachloride	2.5 U	2.5	0.85	2.5	10/25/23 12:37	
Chlorobenzene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Chloroethane	2.5 U	2.5	0.58	2.5	10/25/23 12:37	
Chloroform	2.5 U	2.5	1.3	2.5	10/25/23 12:37	
Chloromethane	2.5 U	2.5	2.0	2.5	10/25/23 12:37	
Cyclohexane	2.5 U	2.5	1.5	2.5	10/25/23 12:37	
Dibromochloromethane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Dichlorodifluoromethane (CFC 12)	2.5 U	2.5	0.53	2.5	10/25/23 12:37	
Dichloromethane	2.5 U	2.5	1.7	2.5	10/25/23 12:37	
Ethylbenzene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Isopropylbenzene (Cumene)	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Methyl Acetate	5.0 U	5.0	2.2	2.5	10/25/23 12:37	
Methyl tert-Butyl Ether	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Methylcyclohexane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Styrene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Tetrachloroethene (PCE)	**0.90 DJ**	2.5	0.53	2.5	10/25/23 12:37	
Toluene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:00
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-17S	**Units:**	ug/L
Lab Code:	R2309561-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**210 D**	2.5	0.50	2.5	10/25/23 12:37	
Trichlorofluoromethane (CFC 11)	2.5 U	2.5	0.60	2.5	10/25/23 12:37	
Vinyl Chloride	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
cis-1,2-Dichloroethene	2.5 U	2.5	0.58	2.5	10/25/23 12:37	
cis-1,3-Dichloropropene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
m,p-Xylenes	5.0 U	5.0	0.50	2.5	10/25/23 12:37	
o-Xylene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
trans-1,2-Dichloroethene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
trans-1,3-Dichloropropene	2.5 U	2.5	0.58	2.5	10/25/23 12:37	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/25/23 12:37	
Dibromofluoromethane	95	80 - 116	10/25/23 12:37	
Toluene-d8	102	87 - 121	10/25/23 12:37	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:10
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-16	**Units:**	ug/L
Lab Code:	R2309561-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**14**	1.0	0.20	1	10/24/23 23:09	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.68 J**	1.0	0.20	1	10/24/23 23:09	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,1-Dichloroethene (1,1-DCE)	**2.9**	1.0	0.20	1	10/24/23 23:09	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 23:09	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 23:09	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 23:09	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,4-Dioxane	40 U	40	13	1	10/24/23 23:09	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 23:09	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 23:09	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 23:09	
Acetone	5.0 U	5.0	5.0	1	10/24/23 23:09	
Benzene	1.0 U	1.0	0.20	1	10/24/23 23:09	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 23:09	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 23:09	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 23:09	
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 23:09	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 23:09	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 23:09	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 23:09	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 23:09	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 23:09	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 23:09	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 23:09	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 23:09	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 23:09	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 23:09	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 23:09	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 23:09	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 23:09	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 23:09	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 23:09	
Styrene	1.0 U	1.0	0.20	1	10/24/23 23:09	
Tetrachloroethene (PCE)	**0.36 J**	1.0	0.21	1	10/24/23 23:09	
Toluene	1.0 U	1.0	0.20	1	10/24/23 23:09	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:10
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-16	**Units:**	ug/L
Lab Code:	R2309561-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**120**	1.0	0.20	1	10/24/23 23:09	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 23:09	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 23:09	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 23:09	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 23:09	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 23:09	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 23:09	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 23:09	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 23:09	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	89	85 - 122	10/24/23 23:09	
Dibromofluoromethane	95	80 - 116	10/24/23 23:09	
Toluene-d8	100	87 - 121	10/24/23 23:09	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 10:25
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	SS-G MW-3	**Units:**	ug/L
Lab Code:	R2309561-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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	10/24/23 20:51	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,1-Dichloroethene (1,1-DCE)	**0.59 J**	1.0	0.20	1	10/24/23 20:51	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 20:51	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 20:51	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 20:51	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,4-Dioxane	40 U	40	13	1	10/24/23 20:51	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 20:51	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 20:51	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 20:51	
Acetone	5.0 U	5.0	5.0	1	10/24/23 20:51	
Benzene	1.0 U	1.0	0.20	1	10/24/23 20:51	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 20:51	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 20:51	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 20:51	
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 20:51	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 20:51	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 20:51	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:51	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 20:51	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 20:51	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 20:51	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 20:51	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 20:51	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 20:51	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 20:51	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 20:51	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 20:51	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 20:51	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 20:51	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 20:51	
Styrene	1.0 U	1.0	0.20	1	10/24/23 20:51	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 20:51	
Toluene	1.0 U	1.0	0.20	1	10/24/23 20:51	

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 10:25
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	SS-G MW-3	**Units:**	ug/L
Lab Code:	R2309561-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**4.8**	1.0	0.20	1	10/24/23 20:51	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 20:51	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 20:51	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 20:51	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 20:51	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 20:51	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 20:51	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 20:51	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 20:51	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	90	85 - 122	10/24/23 20:51	
Dibromofluoromethane	94	80 - 116	10/24/23 20:51	
Toluene-d8	101	87 - 121	10/24/23 20:51	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 10:40
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-26	**Units:**	ug/L
Lab Code:	R2309561-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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	10/24/23 23:33	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.98 J**	1.0	0.20	1	10/24/23 23:33	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,1-Dichloroethene (1,1-DCE)	**1.6**	1.0	0.20	1	10/24/23 23:33	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 23:33	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 23:33	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 23:33	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,4-Dioxane	40 U	40	13	1	10/24/23 23:33	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 23:33	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 23:33	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 23:33	
Acetone	5.0 U	5.0	5.0	1	10/24/23 23:33	
Benzene	1.0 U	1.0	0.20	1	10/24/23 23:33	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 23:33	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 23:33	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 23:33	
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 23:33	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 23:33	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 23:33	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 23:33	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 23:33	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 23:33	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 23:33	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 23:33	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 23:33	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 23:33	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 23:33	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 23:33	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 23:33	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 23:33	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 23:33	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 23:33	
Styrene	1.0 U	1.0	0.20	1	10/24/23 23:33	
Tetrachloroethene (PCE)	**1.8**	1.0	0.21	1	10/24/23 23:33	
Toluene	1.0 U	1.0	0.20	1	10/24/23 23:33	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 10:40
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-26	**Units:**	ug/L
Lab Code:	R2309561-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**110**	1.0	0.20	1	10/24/23 23:33	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 23:33	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 23:33	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 23:33	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 23:33	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 23:33	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 23:33	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 23:33	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 23:33	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/24/23 23:33	
Dibromofluoromethane	95	80 - 116	10/24/23 23:33	
Toluene-d8	104	87 - 121	10/24/23 23:33	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:00
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	DUP 101623 A	**Units:**	ug/L
Lab Code:	R2309561-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**4.6**	1.0	0.20	1	10/24/23 21:14	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,1-Dichloroethane (1,1-DCA)	**0.48 J**	1.0	0.20	1	10/24/23 21:14	
1,1-Dichloroethene (1,1-DCE)	**1.1**	1.0	0.20	1	10/24/23 21:14	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 21:14	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 21:14	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 21:14	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,4-Dioxane	40 U	40	13	1	10/24/23 21:14	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 21:14	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 21:14	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 21:14	
Acetone	5.0 U	5.0	5.0	1	10/24/23 21:14	
Benzene	1.0 U	1.0	0.20	1	10/24/23 21:14	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 21:14	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 21:14	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 21:14	
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 21:14	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 21:14	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 21:14	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 21:14	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 21:14	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 21:14	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 21:14	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 21:14	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 21:14	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 21:14	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 21:14	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 21:14	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 21:14	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 21:14	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 21:14	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 21:14	
Styrene	1.0 U	1.0	0.20	1	10/24/23 21:14	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 21:14	
Toluene	1.0 U	1.0	0.20	1	10/24/23 21:14	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:00
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	DUP 101623 A	**Units:**	ug/L
Lab Code:	R2309561-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**26**	1.0	0.20	1	10/24/23 21:14	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 21:14	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 21:14	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 21:14	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 21:14	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 21:14	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 21:14	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 21:14	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 21:14	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	10/24/23 21:14	
Dibromofluoromethane	96	80 - 116	10/24/23 21:14	
Toluene-d8	104	87 - 121	10/24/23 21:14	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:30
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	DUP 101623 B	**Units:**	ug/L
Lab Code:	R2309561-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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	10/24/23 21:37	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 21:37	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 21:37	
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.0**	1.0	0.20	1	10/24/23 21:37	
1,1-Dichloroethane (1,1-DCA)	**0.21 J**	1.0	0.20	1	10/24/23 21:37	
1,1-Dichloroethene (1,1-DCE)	**1.5**	1.0	0.20	1	10/24/23 21:37	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 21:37	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 21:37	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 21:37	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 21:37	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 21:37	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 21:37	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 21:37	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 21:37	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 21:37	
1,4-Dioxane	40 U	40	13	1	10/24/23 21:37	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 21:37	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 21:37	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 21:37	
Acetone	5.0 U	5.0	5.0	1	10/24/23 21:37	
Benzene	1.0 U	1.0	0.20	1	10/24/23 21:37	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 21:37	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 21:37	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 21:37	
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 21:37	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 21:37	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 21:37	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 21:37	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 21:37	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 21:37	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 21:37	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 21:37	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 21:37	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 21:37	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 21:37	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 21:37	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 21:37	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 21:37	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 21:37	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 21:37	
Styrene	1.0 U	1.0	0.20	1	10/24/23 21:37	
Tetrachloroethene (PCE)	**2.3**	1.0	0.21	1	10/24/23 21:37	
Toluene	1.0 U	1.0	0.20	1	10/24/23 21:37	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:30
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	DUP 101623 B	**Units:**	ug/L
Lab Code:	R2309561-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**100**	1.0	0.20	1	10/24/23 21:37	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 21:37	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 21:37	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 21:37	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 21:37	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 21:37	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 21:37	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 21:37	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 21:37	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/24/23 21:37	
Dibromofluoromethane	96	80 - 116	10/24/23 21:37	
Toluene-d8	105	87 - 121	10/24/23 21:37	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 09:55
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	EB 101623	**Units:**	ug/L
Lab Code:	R2309561-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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	10/24/23 18:11	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 18:11	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 18:11	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 18:11	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,4-Dioxane	40 U	40	13	1	10/24/23 18:11	
2-Butanone (MEK)	**0.82 J**	5.0	0.78	1	10/24/23 18:11	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 18:11	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 18:11	
Acetone	5.0 U	5.0	5.0	1	10/24/23 18:11	
Benzene	1.0 U	1.0	0.20	1	10/24/23 18:11	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 18:11	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 18:11	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 18:11	
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 18:11	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 18:11	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 18:11	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 18:11	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 18:11	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 18:11	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 18:11	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 18:11	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 18:11	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 18:11	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 18:11	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 18:11	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 18:11	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 18:11	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 18:11	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 18:11	
Styrene	1.0 U	1.0	0.20	1	10/24/23 18:11	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 18:11	
Toluene	1.0 U	1.0	0.20	1	10/24/23 18:11	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 09:55
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	EB 101623	**Units:**	ug/L
Lab Code:	R2309561-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

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

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	89	85 - 122	10/24/23 18:11	
Dibromofluoromethane	94	80 - 116	10/24/23 18:11	
Toluene-d8	102	87 - 121	10/24/23 18:11	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2309561-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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	10/24/23 17:48	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 17:48	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 17:48	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 17:48	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,4-Dioxane	40 U	40	13	1	10/24/23 17:48	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 17:48	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 17:48	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 17:48	
Acetone	5.0 U	5.0	5.0	1	10/24/23 17:48	
Benzene	1.0 U	1.0	0.20	1	10/24/23 17:48	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 17:48	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 17:48	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 17:48	
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 17:48	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 17:48	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 17:48	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 17:48	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 17:48	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 17:48	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 17:48	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 17:48	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 17:48	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 17:48	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 17:48	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 17:48	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 17:48	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 17:48	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 17:48	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 17:48	
Styrene	1.0 U	1.0	0.20	1	10/24/23 17:48	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 17:48	
Toluene	1.0 U	1.0	0.20	1	10/24/23 17:48	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2309561-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/24/23 17:48	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 17:48	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 17:48	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 17:48	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 17:48	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 17:48	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 17:48	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 17:48	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 17:48	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	10/24/23 17:48	
Dibromofluoromethane	95	80 - 116	10/24/23 17:48	
Toluene-d8	104	87 - 121	10/24/23 17:48	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
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Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Marks Engineering, PC **Service Request:** R2309561
Project: DLS Modock Rd Springs/23-041
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
MW-23	R2309561-001	93	96	105
MW-10	R2309561-002	88	94	100
MW-24S	R2309561-003	92	94	103
MW-4	R2309561-004	90	91	98
SC-1	R2309561-005	87	96	103
MW-15	R2309561-006	97	98	105
MW-13	R2309561-007	95	96	103
MW-14	R2309561-008	95	96	105
MW-17S	R2309561-009	93	96	103
MW-17S DL	R2309561-009	94	95	102
MW-16	R2309561-010	89	95	100
SS-G MW-3	R2309561-011	90	94	101
MW-26	R2309561-012	95	95	104
DUP 101623 A	R2309561-013	93	96	104
DUP 101623 B	R2309561-014	96	96	105
EB 101623	R2309561-015	89	94	102
Trip Blank	R2309561-016	93	95	104
Lab Control Sample	RQ2313953-03	96	100	102
Method Blank	RQ2313953-04	92	94	103
MW-10 MS	RQ2313953-05	96	102	103
MW-10 DMS	RQ2313953-06	94	101	102
Lab Control Sample	RQ2313980-03	97	99	102
Method Blank	RQ2313980-04	94	95	103

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23
Sample Matrix:	Water	**Date Received:**	10/17/23
		Date Analyzed:	10/24/23
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2309561-002	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike RQ2313953-05			**Duplicate Matrix Spike** RQ2313953-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	1.6	54.7	50.0	106	55.4	50.0	108	74-127	1	30
1,1,2,2-Tetrachloroethane	1.0 U	49.6	50.0	99	50.1	50.0	100	72-122	<1	30
1,1,2-Trichloroethane	1.0 U	51.9	50.0	104	51.4	50.0	103	82-121	<1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	53.5	50.0	107	52.8	50.0	106	50-147	1	30
1,1-Dichloroethane (1,1-DCA)	1.0 U	60.0	50.0	120	61.3	50.0	123	74-132	2	30
1,1-Dichloroethene (1,1-DCE)	1.0 U	52.7	50.0	105	53.1	50.0	106	71-118	<1	30
1,2,3-Trichlorobenzene	1.0 U	45.0	50.0	90	46.6	50.0	93	59-129	3	30
1,2,4-Trichlorobenzene	1.0 U	45.3	50.0	91	46.6	50.0	93	69-122	3	30
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	38.6	50.0	77	40.9	50.0	82	37-150	6	30
1,2-Dibromoethane	1.0 U	49.7	50.0	99	50.1	50.0	100	67-127	<1	30
1,2-Dichlorobenzene	1.0 U	50.0	50.0	100	50.9	50.0	102	77-120	2	30
1,2-Dichloroethane	1.0 U	53.9	50.0	108	52.9	50.0	106	68-130	2	30
1,2-Dichloropropane	1.0 U	55.1	50.0	110	55.3	50.0	111	79-124	<1	30
1,3-Dichlorobenzene	1.0 U	51.0	50.0	102	51.5	50.0	103	83-121	<1	30
1,4-Dichlorobenzene	1.0 U	50.0	50.0	100	50.7	50.0	101	82-120	1	30
1,4-Dioxane	40 U	928	1000	93	902	1000	90	44-154	3	30
2-Butanone (MEK)	5.0 U	38.1	50.0	76	41.0	50.0	82	61-137	7	30
2-Hexanone	5.0 U	42.6	50.0	85	46.4	50.0	93	56-132	9	30
4-Methyl-2-pentanone	5.0 U	45.8	50.0	92	48.6	50.0	97	60-141	6	30
Acetone	5.0 U	37.7	50.0	75	36.9	50.0	74	35-183	2	30
Benzene	1.0 U	57.4	50.0	115	56.7	50.0	113	76-129	1	30
Bromochloromethane	1.0 U	56.0	50.0	112	55.2	50.0	110	80-122	1	30
Bromodichloromethane	1.0 U	47.2	50.0	94	46.8	50.0	94	78-133	<1	30
Bromoform	1.0 U	40.9	50.0	82	42.4	50.0	85	58-133	4	30
Bromomethane	1.0 U	65.0	50.0	130	65.5	50.0	131	10-184	<1	30
Carbon Disulfide	1.0 U	40.4	50.0	81	45.2	50.0	90	59-140	11	30
Carbon Tetrachloride	1.0 U	53.0	50.0	106	53.6	50.0	107	65-135	1	30
Chlorobenzene	1.0 U	53.1	50.0	106	53.3	50.0	107	76-125	<1	30
Chloroethane	1.0 U	46.9	50.0	94	46.6	50.0	93	48-146	<1	30
Chloroform	1.0 U	55.3	50.0	111	54.0	50.0	108	75-130	3	30
Chloromethane	1.0 U	58.2	50.0	116	58.8	50.0	118	55-160	1	30
Cyclohexane	1.0 U	52.1	50.0	104	51.6	50.0	103	52-145	1	30
Dibromochloromethane	1.0 U	46.0	50.0	92	46.6	50.0	93	72-128	1	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:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23
Sample Matrix:	Water	**Date Received:**	10/17/23
		Date Analyzed:	10/24/23
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2309561-002	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike RQ2313953-05			Duplicate Matrix Spike RQ2313953-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Dichlorodifluoromethane (CFC 12)	1.0 U	50.3	50.0	101	50.4	50.0	101	49-154	<1	30
Dichloromethane	1.0 U	54.3	50.0	109	54.0	50.0	108	73-122	<1	30
Ethylbenzene	1.0 U	53.1	50.0	106	53.7	50.0	107	72-134	1	30
Isopropylbenzene (Cumene)	1.0 U	55.2	50.0	110	55.2	50.0	110	77-128	<1	30
Methyl Acetate	2.0 U	33.7	50.0	67	32.7	50.0	65	26-121	3	30
Methyl tert-Butyl Ether	1.0 U	52.6	50.0	105	52.8	50.0	106	75-119	<1	30
Methylcyclohexane	1.0 U	50.1	50.0	100	49.9	50.0	100	45-146	<1	30
Styrene	1.0 U	52.5	50.0	105	52.3	50.0	105	74-136	<1	30
Tetrachloroethene (PCE)	1.0 U	51.6	50.0	103	51.5	50.0	103	72-125	<1	30
Toluene	1.0 U	55.0	50.0	110	54.7	50.0	109	79-119	<1	30
Trichloroethene (TCE)	0.33 J	53.4	50.0	106	52.1	50.0	104	74-122	2	30
Trichlorofluoromethane (CFC 11)	1.0 U	55.3	50.0	111	53.5	50.0	107	71-136	3	30
Vinyl Chloride	1.0 U	43.4	50.0	87	45.6	50.0	91	74-159	5	30
cis-1,2-Dichloroethene	1.0 U	55.1	50.0	110	54.4	50.0	109	77-127	1	30
cis-1,3-Dichloropropene	1.0 U	52.3	50.0	105	51.2	50.0	102	52-134	2	30
m,p-Xylenes	2.0 U	108	100	108	108	100	108	80-126	<1	30
o-Xylene	1.0 U	52.9	50.0	106	53.7	50.0	107	79-123	2	30
trans-1,2-Dichloroethene	1.0 U	54.1	50.0	108	53.3	50.0	107	73-118	2	30
trans-1,3-Dichloropropene	1.0 U	51.5	50.0	103	51.5	50.0	103	71-133	<1	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:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2313953-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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	10/24/23 16:16	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 16:16	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 16:16	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 16:16	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 16:16	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/24/23 16:16	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 16:16	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 16:16	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 16:16	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 16:16	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 16:16	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 16:16	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 16:16	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 16:16	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 16:16	
1,4-Dioxane	40 U	40	13	1	10/24/23 16:16	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 16:16	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 16:16	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 16:16	
Acetone	5.0 U	5.0	5.0	1	10/24/23 16:16	
Benzene	1.0 U	1.0	0.20	1	10/24/23 16:16	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 16:16	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 16:16	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 16:16	
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 16:16	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 16:16	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 16:16	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 16:16	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 16:16	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 16:16	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 16:16	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 16:16	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 16:16	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 16:16	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 16:16	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 16:16	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 16:16	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 16:16	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 16:16	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 16:16	
Styrene	1.0 U	1.0	0.20	1	10/24/23 16:16	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 16:16	
Toluene	1.0 U	1.0	0.20	1	10/24/23 16:16	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2313953-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/24/23 16:16	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 16:16	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 16:16	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 16:16	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 16:16	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 16:16	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 16:16	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 16:16	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 16:16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	10/24/23 16:16	
Dibromofluoromethane	94	80 - 116	10/24/23 16:16	
Toluene-d8	103	87 - 121	10/24/23 16:16	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2313980-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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	10/25/23 12:14	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/25/23 12:14	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/25/23 12:14	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/25/23 12:14	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/25/23 12:14	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/25/23 12:14	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/25/23 12:14	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/25/23 12:14	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/25/23 12:14	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/25/23 12:14	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/25/23 12:14	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/25/23 12:14	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/25/23 12:14	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/25/23 12:14	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/25/23 12:14	
1,4-Dioxane	40 U	40	13	1	10/25/23 12:14	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/25/23 12:14	
2-Hexanone	5.0 U	5.0	0.20	1	10/25/23 12:14	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/25/23 12:14	
Acetone	5.0 U	5.0	5.0	1	10/25/23 12:14	
Benzene	1.0 U	1.0	0.20	1	10/25/23 12:14	
Bromochloromethane	1.0 U	1.0	0.20	1	10/25/23 12:14	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/25/23 12:14	
Bromoform	1.0 U	1.0	0.25	1	10/25/23 12:14	
Bromomethane	1.0 U	1.0	0.70	1	10/25/23 12:14	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/25/23 12:14	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/25/23 12:14	
Chlorobenzene	1.0 U	1.0	0.20	1	10/25/23 12:14	
Chloroethane	1.0 U	1.0	0.23	1	10/25/23 12:14	
Chloroform	1.0 U	1.0	0.51	1	10/25/23 12:14	
Chloromethane	1.0 U	1.0	0.80	1	10/25/23 12:14	
Cyclohexane	1.0 U	1.0	0.60	1	10/25/23 12:14	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/25/23 12:14	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/25/23 12:14	
Dichloromethane	1.0 U	1.0	0.65	1	10/25/23 12:14	
Ethylbenzene	1.0 U	1.0	0.20	1	10/25/23 12:14	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/25/23 12:14	
Methyl Acetate	2.0 U	2.0	0.87	1	10/25/23 12:14	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/25/23 12:14	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/25/23 12:14	
Styrene	1.0 U	1.0	0.20	1	10/25/23 12:14	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/25/23 12:14	
Toluene	1.0 U	1.0	0.20	1	10/25/23 12:14	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2313980-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/25/23 12:14	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/25/23 12:14	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/25/23 12:14	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/25/23 12:14	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/25/23 12:14	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/25/23 12:14	
o-Xylene	1.0 U	1.0	0.20	1	10/25/23 12:14	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/25/23 12:14	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/25/23 12:14	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/25/23 12:14	
Dibromofluoromethane	95	80 - 116	10/25/23 12:14	
Toluene-d8	103	87 - 121	10/25/23 12:14	

Client: Marks Engineering, PC
Project: DLS Modock Rd Springs/23-041
Sample Matrix: Water

Service Request: R2309561
Date Analyzed: 10/24/23

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2313953-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	18.7	20.0	94	75-125
1,1,2,2-Tetrachloroethane	8260C	19.9	20.0	99	78-126
1,1,2-Trichloroethane	8260C	19.0	20.0	95	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	20.1	20.0	101	67-124
1,1-Dichloroethane (1,1-DCA)	8260C	21.8	20.0	109	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	19.1	20.0	95	71-118
1,2,3-Trichlorobenzene	8260C	17.9	20.0	89	67-136
1,2,4-Trichlorobenzene	8260C	18.1	20.0	91	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260C	14.9	20.0	74	55-136
1,2-Dibromoethane	8260C	18.8	20.0	94	82-127
1,2-Dichlorobenzene	8260C	19.3	20.0	96	80-119
1,2-Dichloroethane	8260C	20.2	20.0	101	71-127
1,2-Dichloropropane	8260C	20.3	20.0	101	80-119
1,3-Dichlorobenzene	8260C	19.5	20.0	97	83-121
1,4-Dichlorobenzene	8260C	19.4	20.0	97	79-119
1,4-Dioxane	8260C	389	400	97	44-154
2-Butanone (MEK)	8260C	16.4	20.0	82	61-137
2-Hexanone	8260C	17.4	20.0	87	63-124
4-Methyl-2-pentanone	8260C	17.9	20.0	90	66-124
Acetone	8260C	14.6	20.0	73	40-161
Benzene	8260C	20.4	20.0	102	79-119
Bromochloromethane	8260C	21.2	20.0	106	81-126
Bromodichloromethane	8260C	16.8	20.0	84	81-123
Bromoform	8260C	14.7	20.0	73	65-146
Bromomethane	8260C	22.6	20.0	113	42-166
Carbon Disulfide	8260C	16.0	20.0	80	66-128
Carbon Tetrachloride	8260C	17.9	20.0	90	70-127
Chlorobenzene	8260C	19.3	20.0	97	80-121
Chloroethane	8260C	16.8	20.0	84	62-131
Chloroform	8260C	20.3	20.0	101	79-120
Chloromethane	8260C	21.3	20.0	106	65-135
Cyclohexane	8260C	18.1	20.0	91	69-120
Dibromochloromethane	8260C	16.5	20.0	82	72-128

Client: Marks Engineering, PC
Project: DLS Modock Rd Springs/23-041
Sample Matrix: Water

Service Request: R2309561
Date Analyzed: 10/24/23

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2313953-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	18.5	20.0	93	59-155
Dichloromethane	8260C	20.1	20.0	101	73-122
Ethylbenzene	8260C	19.5	20.0	98	76-120
Isopropylbenzene (Cumene)	8260C	19.5	20.0	98	77-128
Methyl Acetate	8260C	14.3	20.0	72	61-133
Methyl tert-Butyl Ether	8260C	20.1	20.0	100	75-118
Methylcyclohexane	8260C	17.9	20.0	90	51-129
Styrene	8260C	18.8	20.0	94	80-124
Tetrachloroethene (PCE)	8260C	19.1	20.0	96	72-125
Toluene	8260C	19.9	20.0	100	79-119
Trichloroethene (TCE)	8260C	18.6	20.0	93	74-122
Trichlorofluoromethane (CFC 11)	8260C	19.6	20.0	98	71-136
Vinyl Chloride	8260C	17.0	20.0	85	74-159
cis-1,2-Dichloroethene	8260C	20.0	20.0	100	80-121
cis-1,3-Dichloropropene	8260C	19.0	20.0	95	77-122
m,p-Xylenes	8260C	38.4	40.0	96	80-126
o-Xylene	8260C	19.0	20.0	95	79-123
trans-1,2-Dichloroethene	8260C	19.8	20.0	99	73-118
trans-1,3-Dichloropropene	8260C	18.8	20.0	94	71-133

Client: Marks Engineering, PC
Project: DLS Modock Rd Springs/23-041
Sample Matrix: Water

Service Request: R2309561
Date Analyzed: 10/25/23

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2313980-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	19.7	20.0	99	75-125
1,1,2,2-Tetrachloroethane	8260C	19.5	20.0	97	78-126
1,1,2-Trichloroethane	8260C	18.6	20.0	93	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	20.6	20.0	103	67-124
1,1-Dichloroethane (1,1-DCA)	8260C	22.6	20.0	113	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	19.9	20.0	99	71-118
1,2,3-Trichlorobenzene	8260C	16.4	20.0	82	67-136
1,2,4-Trichlorobenzene	8260C	17.3	20.0	86	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260C	13.8	20.0	69	55-136
1,2-Dibromoethane	8260C	18.9	20.0	95	82-127
1,2-Dichlorobenzene	8260C	19.0	20.0	95	80-119
1,2-Dichloroethane	8260C	20.3	20.0	101	71-127
1,2-Dichloropropane	8260C	20.3	20.0	102	80-119
1,3-Dichlorobenzene	8260C	19.3	20.0	96	83-121
1,4-Dichlorobenzene	8260C	19.3	20.0	97	79-119
1,4-Dioxane	8260C	333	400	83	44-154
2-Butanone (MEK)	8260C	15.6	20.0	78	61-137
2-Hexanone	8260C	15.6	20.0	78	63-124
4-Methyl-2-pentanone	8260C	16.7	20.0	83	66-124
Acetone	8260C	13.3	20.0	67	40-161
Benzene	8260C	20.9	20.0	105	79-119
Bromochloromethane	8260C	21.2	20.0	106	81-126
Bromodichloromethane	8260C	16.9	20.0	85	81-123
Bromoform	8260C	14.2	20.0	71	65-146
Bromomethane	8260C	22.1	20.0	110	42-166
Carbon Disulfide	8260C	15.5	20.0	77	66-128
Carbon Tetrachloride	8260C	19.0	20.0	95	70-127
Chlorobenzene	8260C	19.4	20.0	97	80-121
Chloroethane	8260C	17.0	20.0	85	62-131
Chloroform	8260C	20.7	20.0	104	79-120
Chloromethane	8260C	21.8	20.0	109	65-135
Cyclohexane	8260C	18.2	20.0	91	69-120
Dibromochloromethane	8260C	16.6	20.0	83	72-128

Client: Marks Engineering, PC
Project: DLS Modock Rd Springs/23-041
Sample Matrix: Water

Service Request: R2309561
Date Analyzed: 10/25/23

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2313980-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	19.7	20.0	98	59-155
Dichloromethane	8260C	21.1	20.0	106	73-122
Ethylbenzene	8260C	19.9	20.0	100	76-120
Isopropylbenzene (Cumene)	8260C	19.6	20.0	98	77-128
Methyl Acetate	8260C	13.7	20.0	68	61-133
Methyl tert-Butyl Ether	8260C	20.5	20.0	103	75-118
Methylcyclohexane	8260C	17.8	20.0	89	51-129
Styrene	8260C	19.2	20.0	96	80-124
Tetrachloroethene (PCE)	8260C	19.5	20.0	97	72-125
Toluene	8260C	20.0	20.0	100	79-119
Trichloroethene (TCE)	8260C	18.9	20.0	95	74-122
Trichlorofluoromethane (CFC 11)	8260C	20.1	20.0	100	71-136
Vinyl Chloride	8260C	17.0	20.0	85	74-159
cis-1,2-Dichloroethene	8260C	20.5	20.0	102	80-121
cis-1,3-Dichloropropene	8260C	19.1	20.0	96	77-122
m,p-Xylenes	8260C	39.0	40.0	98	80-126
o-Xylene	8260C	19.3	20.0	96	79-123
trans-1,2-Dichloroethene	8260C	20.3	20.0	101	73-118
trans-1,3-Dichloropropene	8260C	19.0	20.0	95	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 #: 23-041

SDG: R2309501
15 Water Samples and 1 Trip Blank

Prepared for:

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

November 2023

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

Table of Contents

Tables

REVIEWER'S NARRATIVE
SDG R2309501 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: 11/8/2023

Michael K. Perry
Chemist

1.0 SUMMARY

SITE:	DLS/Modock Road Springs Victor, NY Project No. 23-041
SAMPLING DATE:	October 16, 2023
SAMPLE TYPE:	15 water samples and 1 trip blank
LABORATORY:	ALS Environmental Rochester, NY
SDG No.:	R2309501

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 16, 2023. These samples were analyzed for 8260C Volatile Organic Compounds.

All laboratory analyses were performed by ALS Environmental, Rochester, NY and analyzed as SDG R2309501. 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 R2309501, 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.

Table 6-1 8260C

SAMPLES AFFECTED	ANALYTES	ACTION	QC VIOLATION	COMMENTS
EB-101623	MEK	None	Analyte detected in equipment blank	No data was affected
All samples	DBCP Bromoform	UJ non-detects J detects	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 31, 2023 Service Request No:R2309561

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

Laboratory Results for: DLS Modock Rd Springs

Dear Mr.Wolf,

Enclosed are the results of the sample(s) submitted to our laboratory October 17, 2023
For your reference, these analyses have been assigned our service request number **R2309561.**

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 Rd Springs
Sample Matrix: Water

Service Request: R2309561
Date Received: 10/17/2023

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.

Sample Receipt:

Sixteen water samples were received for analysis at ALS Environmental on 10/17/2023. 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 8260C, 10/24/2023: 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 8260C, 10/25/2023: 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.

Approved by _____ Date 10/31/2023

Client: Marks Engineering, PC **Service Request:**R2309561

Project: DLS Modock Rd Springs/23-041

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2309561-001	MW-23	10/16/2023	1105
R2309561-002	MW-10	10/16/2023	0910
R2309561-003	MW-24S	10/16/2023	0915
R2309561-004	MW-4	10/16/2023	0945
R2309561-005	SC-1	10/16/2023	1000
R2309561-006	MW-15	10/16/2023	1130
R2309561-007	MW-13	10/16/2023	1140
R2309561-008	MW-14	10/16/2023	1150
R2309561-009	MW-17S	10/16/2023	1200
R2309561-010	MW-16	10/16/2023	1210
R2309561-011	SS-G MW-3	10/16/2023	1025
R2309561-012	MW-26	10/16/2023	1040
R2309561-013	DUP 101623 A	10/16/2023	1200
R2309561-014	DUP 101623 B	10/16/2023	1230
R2309561-015	EB 101623	10/16/2023	0955
R2309561-016	Trip Blank	10/16/2023	

Chain of Custody / Analytical Request Form

75772

SR#:

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

Page 1 of 2

Report To:

Company: Marks Engineering PC
Contact: Jeremy Wolf
Email: JWolf@marksengineering.com
Phone: 585-500-8392
Address: 4303 Route 5 & 20
Canandaigua NY 14424

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER

Project Name: DLS Modock Rd Springs
Project Number: 23-041
ALS Quote #:
Sampler's Signature:
Email CC:
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 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:
	MW-23	10/16/23	1105	GW	3		3							
	MW-10 MS/MSD	10/16/23	0910	GW	3	6	9							
	MW-24S	10/16/23	0915	GW	3		3							
	MW-4	10/16/23	0945	GW	3		3							
	SC-1	10/16/23	1000	GW	3		3							
	MW-15	10/16/23	1130	GW	3		3							
	MW-13	10/16/23	1140	GW	3		3							
	MW-14	10/16/23	1150	GW	3		3							
	MW-17S	10/16/23	1200	GW	3		3							
	MW-16	10/16/23	1210	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 #: 23-041
Company: Marks Engineering PC
Contact: Jeremy Wolf
Email: JWolf@marksengineering.com
Phone: 585-500-8392
Address: 4303 Route 5 & 20 Canandaigua NY 14424

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature		RRL				
Printed Name	Jeremy Wolf	Remy Rubin				
Company		ALS				
Date/Time		10/17/23 1225				

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

R2309561 5
Marks Engineering, PC
DLS Modock Rd Springs

Chain of Custody / Analytical Request Form

75773

SR#:

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

Report To:

Company: Marks Engineering PC
Contact: Jeremy Wolf
Email: JWolfe marks Engineering .com
Phone: 585-500-8392
Address: 4303 Route 5 & 20
Canandaigua NY 14424

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER

Project Name: DLS Modern Rd Springs
Project Number: 23-041
ALS Quote #:
Sampler's Signature: Jeremy Wolf
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

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:
	SS&G MW-2	10/16/23	1025	GW	3		3							
	MW-26	10/16/23	1040	GW	3		3							
	DUP 10/623 A	10/16/23	1200	GW	3		3							
	DUP 10623 B	10/16/23	1230	GW	3		3							
	EB 10623	10/16/23	0955	AQ	3		3							
	VOC Trip Blank						2							

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 #: 23-041
Company: Marks Engineering PC
Contact: Jeremy Wolf
Email: JWolfe Marks Engineering .com
Phone: 585-500-8392
Address:

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature	Jeremy Wolf	RRub				
Printed Name	Jeremy Wolf	Remy Rubin				
Company		ALS				
Date/Time		10/17/23 1225				

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

Cooler Receipt and Preservat

R2309561 5
Marks Engineering, PC
DLS Modock Rd Springs

Project/Client _____ Folder Number _____

Cooler received on 10/17/23 by: RR COURIER: ALS UPS FEDEX VELOCITY (CLIENT)

1	Were **Custody seals** on outside of cooler?	Y (N)	5a	**Perchlorate** samples have required headspace?	Y N (NA)
2	**Custody papers** properly completed (ink, signed)?	(Y) N	5b	Did VOA vials, Alk,or Sulfide have sig* **bubbles**?	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: 10/17/23 Time: 1227 ID: IR#12 (IR#11) From: Temp Blank Sample Bottle

Observed Temp (°C)	9.4						
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: R002 by RR on 10/17 at 1230
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 10/18/23 Time: 1245 by: RR

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES (NO)
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	**	**	23040119	2126				

**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: 082823-3AXH, 091823-3EPR 11/09 1823-3 exp 9/24
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: RR
PC Secondary Review: JMW 10/23/23 *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:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 11:05
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-23	**Units:**	ug/L
Lab Code:	R2309561-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**0.54**	**J**	1.0	0.20	1	10/24/23 18:34	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,1,2-Trichloroethane	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,1-Dichloroethane (1,1-DCA)	**1.5**		1.0	0.20	1	10/24/23 18:34	
1,1-Dichloroethene (1,1-DCE)	**0.20**	**J**	1.0	0.20	1	10/24/23 18:34	
1,2,3-Trichlorobenzene	1.0	U	1.0	0.25	1	10/24/23 18:34	
1,2,4-Trichlorobenzene	1.0	U	1.0	0.34	1	10/24/23 18:34	
1,2-Dibromo-3-chloropropane (DBCP)	2.0	U	2.0	0.45	1	10/24/23 18:34	UJ
1,2-Dibromoethane	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,2-Dichloroethane	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,2-Dichloropropane	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,3-Dichlorobenzene	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,4-Dichlorobenzene	1.0	U	1.0	0.20	1	10/24/23 18:34	
1,4-Dioxane	40	U	40	13	1	10/24/23 18:34	
2-Butanone (MEK)	5.0	U	5.0	0.78	1	10/24/23 18:34	
2-Hexanone	5.0	U	5.0	0.20	1	10/24/23 18:34	
4-Methyl-2-pentanone	5.0	U	5.0	0.20	1	10/24/23 18:34	
Acetone	5.0	U	5.0	5.0	1	10/24/23 18:34	
Benzene	1.0	U	1.0	0.20	1	10/24/23 18:34	
Bromochloromethane	1.0	U	1.0	0.20	1	10/24/23 18:34	
Bromodichloromethane	1.0	U	1.0	0.20	1	10/24/23 18:34	
Bromoform	1.0	U	1.0	0.25	1	10/24/23 18:34	UJ
Bromomethane	1.0	U	1.0	0.70	1	10/24/23 18:34	
Carbon Disulfide	1.0	U	1.0	0.42	1	10/24/23 18:34	
Carbon Tetrachloride	1.0	U	1.0	0.34	1	10/24/23 18:34	
Chlorobenzene	1.0	U	1.0	0.20	1	10/24/23 18:34	
Chloroethane	1.0	U	1.0	0.23	1	10/24/23 18:34	
Chloroform	1.0	U	1.0	0.51	1	10/24/23 18:34	
Chloromethane	1.0	U	1.0	0.80	1	10/24/23 18:34	
Cyclohexane	1.0	U	1.0	0.60	1	10/24/23 18:34	
Dibromochloromethane	1.0	U	1.0	0.20	1	10/24/23 18:34	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.21	1	10/24/23 18:34	
Dichloromethane	1.0	U	1.0	0.65	1	10/24/23 18:34	
Ethylbenzene	1.0	U	1.0	0.20	1	10/24/23 18:34	
Isopropylbenzene (Cumene)	1.0	U	1.0	0.20	1	10/24/23 18:34	
Methyl Acetate	2.0	U	2.0	0.87	1	10/24/23 18:34	
Methyl tert-Butyl Ether	1.0	U	1.0	0.20	1	10/24/23 18:34	
Methylcyclohexane	1.0	U	1.0	0.20	1	10/24/23 18:34	
Styrene	1.0	U	1.0	0.20	1	10/24/23 18:34	
Tetrachloroethene (PCE)	1.0	U	1.0	0.21	1	10/24/23 18:34	
Toluene	1.0	U	1.0	0.20	1	10/24/23 18:34	

MKP 11/8/2023

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 11:05
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-23	**Units:**	ug/L
Lab Code:	R2309561-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**3.9**	1.0	0.20	1	10/24/23 18:34	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 18:34	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 18:34	
cis-1,2-Dichloroethene	**1.4**	1.0	0.23	1	10/24/23 18:34	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 18:34	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 18:34	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 18:34	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 18:34	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 18:34	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	10/24/23 18:34	
Dibromofluoromethane	96	80 - 116	10/24/23 18:34	
Toluene-d8	105	87 - 121	10/24/23 18:34	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 09:10
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2309561-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**1.6**	1.0	0.20	1	10/24/23 18:57	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 18:57	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 18:57	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 18:57	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 18:57	
1,4-Dioxane	40 U	40	13	1	10/24/23 18:57	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 18:57	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 18:57	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 18:57	
Acetone	5.0 U	5.0	5.0	1	10/24/23 18:57	
Benzene	1.0 U	1.0	0.20	1	10/24/23 18:57	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 18:57	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 18:57	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 18:57	UJ
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 18:57	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 18:57	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 18:57	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 18:57	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 18:57	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 18:57	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 18:57	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 18:57	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 18:57	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 18:57	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 18:57	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 18:57	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 18:57	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 18:57	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 18:57	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 18:57	
Styrene	1.0 U	1.0	0.20	1	10/24/23 18:57	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 18:57	
Toluene	1.0 U	1.0	0.20	1	10/24/23 18:57	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 09:10
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2309561-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**0.33 J**	1.0	0.20	1	10/24/23 18:57	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 18:57	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 18:57	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 18:57	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 18:57	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 18:57	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 18:57	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 18:57	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 18:57	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	88	85 - 122	10/24/23 18:57	
Dibromofluoromethane	94	80 - 116	10/24/23 18:57	
Toluene-d8	100	87 - 121	10/24/23 18:57	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 09:15
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-24S	**Units:**	ug/L
Lab Code:	R2309561-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**11**	1.0	0.20	1	10/24/23 22:00	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,1-Dichloroethane (1,1-DCA)	**1.5**	1.0	0.20	1	10/24/23 22:00	
1,1-Dichloroethene (1,1-DCE)	**3.6**	1.0	0.20	1	10/24/23 22:00	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 22:00	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 22:00	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 22:00	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:00	
1,4-Dioxane	40 U	40	13	1	10/24/23 22:00	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 22:00	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 22:00	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 22:00	
Acetone	5.0 U	5.0	5.0	1	10/24/23 22:00	
Benzene	1.0 U	1.0	0.20	1	10/24/23 22:00	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 22:00	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 22:00	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 22:00	UJ
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 22:00	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 22:00	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 22:00	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:00	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 22:00	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 22:00	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 22:00	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 22:00	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 22:00	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 22:00	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 22:00	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 22:00	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 22:00	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 22:00	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 22:00	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 22:00	
Styrene	1.0 U	1.0	0.20	1	10/24/23 22:00	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 22:00	
Toluene	1.0 U	1.0	0.20	1	10/24/23 22:00	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 09:15
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-24S	**Units:**	ug/L
Lab Code:	R2309561-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**58**	1.0	0.20	1	10/24/23 22:00	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 22:00	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 22:00	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 22:00	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 22:00	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 22:00	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 22:00	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 22:00	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 22:00	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	10/24/23 22:00	
Dibromofluoromethane	94	80 - 116	10/24/23 22:00	
Toluene-d8	103	87 - 121	10/24/23 22:00	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 09:45
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R2309561-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**6.9**	1.0	0.20	1	10/24/23 19:20	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,1-Dichloroethane (1,1-DCA)	**0.52 J**	1.0	0.20	1	10/24/23 19:20	
1,1-Dichloroethene (1,1-DCE)	**1.6**	1.0	0.20	1	10/24/23 19:20	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 19:20	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 19:20	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 19:20	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 19:20	
1,4-Dioxane	40 U	40	13	1	10/24/23 19:20	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 19:20	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 19:20	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 19:20	
Acetone	5.0 U	5.0	5.0	1	10/24/23 19:20	
Benzene	1.0 U	1.0	0.20	1	10/24/23 19:20	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 19:20	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 19:20	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 19:20	UJ
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 19:20	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 19:20	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 19:20	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 19:20	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 19:20	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 19:20	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 19:20	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 19:20	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 19:20	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 19:20	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 19:20	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 19:20	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 19:20	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 19:20	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 19:20	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 19:20	
Styrene	1.0 U	1.0	0.20	1	10/24/23 19:20	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 19:20	
Toluene	1.0 U	1.0	0.20	1	10/24/23 19:20	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 09:45
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R2309561-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**40**	1.0	0.20	1	10/24/23 19:20	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 19:20	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 19:20	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 19:20	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 19:20	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 19:20	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 19:20	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 19:20	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 19:20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	90	85 - 122	10/24/23 19:20	
Dibromofluoromethane	91	80 - 116	10/24/23 19:20	
Toluene-d8	98	87 - 121	10/24/23 19:20	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 10:00
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	SC-1	**Units:**	ug/L
Lab Code:	R2309561-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**4.6**	1.0	0.20	1	10/24/23 19:43	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,1-Dichloroethane (1,1-DCA)	**0.40 J**	1.0	0.20	1	10/24/23 19:43	
1,1-Dichloroethene (1,1-DCE)	**1.1**	1.0	0.20	1	10/24/23 19:43	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 19:43	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 19:43	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 19:43	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 19:43	
1,4-Dioxane	40 U	40	13	1	10/24/23 19:43	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 19:43	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 19:43	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 19:43	
Acetone	5.0 U	5.0	5.0	1	10/24/23 19:43	
Benzene	1.0 U	1.0	0.20	1	10/24/23 19:43	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 19:43	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 19:43	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 19:43	UJ
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 19:43	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 19:43	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 19:43	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 19:43	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 19:43	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 19:43	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 19:43	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 19:43	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 19:43	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 19:43	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 19:43	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 19:43	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 19:43	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 19:43	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 19:43	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 19:43	
Styrene	1.0 U	1.0	0.20	1	10/24/23 19:43	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 19:43	
Toluene	1.0 U	1.0	0.20	1	10/24/23 19:43	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 10:00
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	SC-1	**Units:**	ug/L
Lab Code:	R2309561-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**26**	1.0	0.20	1	10/24/23 19:43	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 19:43	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 19:43	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 19:43	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 19:43	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 19:43	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 19:43	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 19:43	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 19:43	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	87	85 - 122	10/24/23 19:43	
Dibromofluoromethane	96	80 - 116	10/24/23 19:43	
Toluene-d8	103	87 - 121	10/24/23 19:43	

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 11:30
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-15	**Units:**	ug/L
Lab Code:	R2309561-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**12**	1.0	0.20	1	10/24/23 20:06	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,1-Dichloroethene (1,1-DCE)	**2.1**	1.0	0.20	1	10/24/23 20:06	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 20:06	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 20:06	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 20:06	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:06	
1,4-Dioxane	40 U	40	13	1	10/24/23 20:06	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 20:06	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 20:06	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 20:06	
Acetone	5.0 U	5.0	5.0	1	10/24/23 20:06	
Benzene	1.0 U	1.0	0.20	1	10/24/23 20:06	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 20:06	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 20:06	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 20:06	UJ
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 20:06	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 20:06	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 20:06	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:06	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 20:06	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 20:06	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 20:06	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 20:06	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 20:06	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 20:06	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 20:06	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 20:06	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 20:06	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 20:06	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 20:06	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 20:06	
Styrene	1.0 U	1.0	0.20	1	10/24/23 20:06	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 20:06	
Toluene	1.0 U	1.0	0.20	1	10/24/23 20:06	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 11:30
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-15	**Units:**	ug/L
Lab Code:	R2309561-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**2.0**	1.0	0.20	1	10/24/23 20:06	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 20:06	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 20:06	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 20:06	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 20:06	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 20:06	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 20:06	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 20:06	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 20:06	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/24/23 20:06	
Dibromofluoromethane	98	80 - 116	10/24/23 20:06	
Toluene-d8	105	87 - 121	10/24/23 20:06	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 11:40
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2309561-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**21**	1.0	0.20	1	10/24/23 20:28	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,1-Dichloroethene (1,1-DCE)	**3.4**	1.0	0.20	1	10/24/23 20:28	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 20:28	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 20:28	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 20:28	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:28	
1,4-Dioxane	40 U	40	13	1	10/24/23 20:28	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 20:28	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 20:28	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 20:28	
Acetone	5.0 U	5.0	5.0	1	10/24/23 20:28	
Benzene	1.0 U	1.0	0.20	1	10/24/23 20:28	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 20:28	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 20:28	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 20:28	UJ
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 20:28	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 20:28	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 20:28	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:28	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 20:28	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 20:28	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 20:28	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 20:28	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 20:28	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 20:28	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 20:28	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 20:28	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 20:28	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 20:28	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 20:28	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 20:28	
Styrene	1.0 U	1.0	0.20	1	10/24/23 20:28	
Tetrachloroethene (PCE)	**0.33 J**	1.0	0.21	1	10/24/23 20:28	
Toluene	1.0 U	1.0	0.20	1	10/24/23 20:28	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 11:40
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2309561-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**42**	1.0	0.20	1	10/24/23 20:28	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 20:28	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 20:28	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 20:28	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 20:28	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 20:28	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 20:28	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 20:28	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 20:28	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/24/23 20:28	
Dibromofluoromethane	96	80 - 116	10/24/23 20:28	
Toluene-d8	103	87 - 121	10/24/23 20:28	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 11:50
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-14	**Units:**	ug/L
Lab Code:	R2309561-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**9.2**	1.0	0.20	1	10/24/23 22:24	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,1-Dichloroethene (1,1-DCE)	**0.97 J**	1.0	0.20	1	10/24/23 22:24	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 22:24	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 22:24	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 22:24	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:24	
1,4-Dioxane	40 U	40	13	1	10/24/23 22:24	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 22:24	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 22:24	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 22:24	
Acetone	5.0 U	5.0	5.0	1	10/24/23 22:24	
Benzene	1.0 U	1.0	0.20	1	10/24/23 22:24	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 22:24	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 22:24	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 22:24	UJ
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 22:24	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 22:24	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 22:24	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:24	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 22:24	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 22:24	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 22:24	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 22:24	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 22:24	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 22:24	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 22:24	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 22:24	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 22:24	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 22:24	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 22:24	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 22:24	
Styrene	1.0 U	1.0	0.20	1	10/24/23 22:24	
Tetrachloroethene (PCE)	**0.53 J**	1.0	0.21	1	10/24/23 22:24	
Toluene	1.0 U	1.0	0.20	1	10/24/23 22:24	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 11:50
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-14	**Units:**	ug/L
Lab Code:	R2309561-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**40**	1.0	0.20	1	10/24/23 22:24	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 22:24	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 22:24	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 22:24	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 22:24	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 22:24	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 22:24	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 22:24	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 22:24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/24/23 22:24	
Dibromofluoromethane	96	80 - 116	10/24/23 22:24	
Toluene-d8	105	87 - 121	10/24/23 22:24	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:00
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-17S	**Units:**	ug/L
Lab Code:	R2309561-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**14**	1.0	0.20	1	10/24/23 22:46	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,1,2-Trichloroethane	**0.54 J**	1.0	0.20	1	10/24/23 22:46	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,1-Dichloroethene (1,1-DCE)	**2.4**	1.0	0.20	1	10/24/23 22:46	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 22:46	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 22:46	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 22:46	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:46	
1,4-Dioxane	40 U	40	13	1	10/24/23 22:46	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 22:46	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 22:46	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 22:46	
Acetone	5.0 U	5.0	5.0	1	10/24/23 22:46	
Benzene	1.0 U	1.0	0.20	1	10/24/23 22:46	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 22:46	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 22:46	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 22:46	UJ
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 22:46	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 22:46	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 22:46	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 22:46	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 22:46	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 22:46	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 22:46	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 22:46	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 22:46	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 22:46	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 22:46	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 22:46	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 22:46	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 22:46	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 22:46	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 22:46	
Styrene	1.0 U	1.0	0.20	1	10/24/23 22:46	
Tetrachloroethene (PCE)	**0.98 J**	1.0	0.21	1	10/24/23 22:46	
Toluene	1.0 U	1.0	0.20	1	10/24/23 22:46	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:00
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-17S	**Units:**	ug/L
Lab Code:	R2309561-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**240**	**E**	1.0	0.20	1	10/24/23 22:46	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.24	1	10/24/23 22:46	
Vinyl Chloride	1.0	U	1.0	0.20	1	10/24/23 22:46	
cis-1,2-Dichloroethene	**0.24**	**J**	1.0	0.23	1	10/24/23 22:46	
cis-1,3-Dichloropropene	1.0	U	1.0	0.20	1	10/24/23 22:46	
m,p-Xylenes	2.0	U	2.0	0.20	1	10/24/23 22:46	
o-Xylene	1.0	U	1.0	0.20	1	10/24/23 22:46	
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	10/24/23 22:46	
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	10/24/23 22:46	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	10/24/23 22:46	
Dibromofluoromethane	96	80 - 116	10/24/23 22:46	
Toluene-d8	103	87 - 121	10/24/23 22:46	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:00
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-17S	**Units:**	ug/L
Lab Code:	R2309561-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**13 D**	2.5	0.50	2.5	10/25/23 12:37	
1,1,2,2-Tetrachloroethane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,1,2-Trichloroethane	**0.55 DJ**	2.5	0.50	2.5	10/25/23 12:37	
1,1,2-Trichloro-1,2,2-trifluoroethane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,1-Dichloroethane (1,1-DCA)	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,1-Dichloroethene (1,1-DCE)	**2.4 DJ**	2.5	0.50	2.5	10/25/23 12:37	
1,2,3-Trichlorobenzene	2.5 U	2.5	0.63	2.5	10/25/23 12:37	
1,2,4-Trichlorobenzene	2.5 U	2.5	0.85	2.5	10/25/23 12:37	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1.2	2.5	10/25/23 12:37	UJ
1,2-Dibromoethane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,2-Dichlorobenzene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,2-Dichloroethane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,2-Dichloropropane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,3-Dichlorobenzene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,4-Dichlorobenzene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
1,4-Dioxane	100 U	100	33	2.5	10/25/23 12:37	
2-Butanone (MEK)	13 U	13	2.0	2.5	10/25/23 12:37	
2-Hexanone	13 U	13	0.50	2.5	10/25/23 12:37	
4-Methyl-2-pentanone	13 U	13	0.50	2.5	10/25/23 12:37	
Acetone	13 U	13	13	2.5	10/25/23 12:37	
Benzene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Bromochloromethane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Bromodichloromethane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Bromoform	2.5 U	2.5	0.63	2.5	10/25/23 12:37	UJ
Bromomethane	2.5 U	2.5	1.8	2.5	10/25/23 12:37	
Carbon Disulfide	2.5 U	2.5	1.1	2.5	10/25/23 12:37	
Carbon Tetrachloride	2.5 U	2.5	0.85	2.5	10/25/23 12:37	
Chlorobenzene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Chloroethane	2.5 U	2.5	0.58	2.5	10/25/23 12:37	
Chloroform	2.5 U	2.5	1.3	2.5	10/25/23 12:37	
Chloromethane	2.5 U	2.5	2.0	2.5	10/25/23 12:37	
Cyclohexane	2.5 U	2.5	1.5	2.5	10/25/23 12:37	
Dibromochloromethane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Dichlorodifluoromethane (CFC 12)	2.5 U	2.5	0.53	2.5	10/25/23 12:37	
Dichloromethane	2.5 U	2.5	1.7	2.5	10/25/23 12:37	
Ethylbenzene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Isopropylbenzene (Cumene)	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Methyl Acetate	5.0 U	5.0	2.2	2.5	10/25/23 12:37	
Methyl tert-Butyl Ether	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Methylcyclohexane	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Styrene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
Tetrachloroethene (PCE)	**0.90 DJ**	2.5	0.53	2.5	10/25/23 12:37	
Toluene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:00
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-17S	**Units:**	ug/L
Lab Code:	R2309561-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**210 D**	2.5	0.50	2.5	10/25/23 12:37	
Trichlorofluoromethane (CFC 11)	2.5 U	2.5	0.60	2.5	10/25/23 12:37	
Vinyl Chloride	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
cis-1,2-Dichloroethene	2.5 U	2.5	0.58	2.5	10/25/23 12:37	
cis-1,3-Dichloropropene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
m,p-Xylenes	5.0 U	5.0	0.50	2.5	10/25/23 12:37	
o-Xylene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
trans-1,2-Dichloroethene	2.5 U	2.5	0.50	2.5	10/25/23 12:37	
trans-1,3-Dichloropropene	2.5 U	2.5	0.58	2.5	10/25/23 12:37	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/25/23 12:37	
Dibromofluoromethane	95	80 - 116	10/25/23 12:37	
Toluene-d8	102	87 - 121	10/25/23 12:37	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:10
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-16	**Units:**	ug/L
Lab Code:	R2309561-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**14**	1.0	0.20	1	10/24/23 23:09	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.68 J**	1.0	0.20	1	10/24/23 23:09	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,1-Dichloroethene (1,1-DCE)	**2.9**	1.0	0.20	1	10/24/23 23:09	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 23:09	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 23:09	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 23:09	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 23:09	
1,4-Dioxane	40 U	40	13	1	10/24/23 23:09	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 23:09	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 23:09	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 23:09	
Acetone	5.0 U	5.0	5.0	1	10/24/23 23:09	
Benzene	1.0 U	1.0	0.20	1	10/24/23 23:09	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 23:09	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 23:09	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 23:09	UJ
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 23:09	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 23:09	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 23:09	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 23:09	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 23:09	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 23:09	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 23:09	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 23:09	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 23:09	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 23:09	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 23:09	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 23:09	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 23:09	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 23:09	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 23:09	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 23:09	
Styrene	1.0 U	1.0	0.20	1	10/24/23 23:09	
Tetrachloroethene (PCE)	**0.36 J**	1.0	0.21	1	10/24/23 23:09	
Toluene	1.0 U	1.0	0.20	1	10/24/23 23:09	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:10
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-16	**Units:**	ug/L
Lab Code:	R2309561-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**120**	1.0	0.20	1	10/24/23 23:09	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 23:09	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 23:09	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 23:09	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 23:09	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 23:09	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 23:09	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 23:09	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 23:09	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	89	85 - 122	10/24/23 23:09	
Dibromofluoromethane	95	80 - 116	10/24/23 23:09	
Toluene-d8	100	87 - 121	10/24/23 23:09	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 10:25
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	SS-G MW-3	**Units:**	ug/L
Lab Code:	R2309561-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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	10/24/23 20:51	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,1-Dichloroethene (1,1-DCE)	**0.59 J**	1.0	0.20	1	10/24/23 20:51	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 20:51	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 20:51	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 20:51	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:51	
1,4-Dioxane	40 U	40	13	1	10/24/23 20:51	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 20:51	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 20:51	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 20:51	
Acetone	5.0 U	5.0	5.0	1	10/24/23 20:51	
Benzene	1.0 U	1.0	0.20	1	10/24/23 20:51	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 20:51	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 20:51	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 20:51	UJ
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 20:51	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 20:51	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 20:51	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 20:51	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 20:51	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 20:51	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 20:51	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 20:51	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 20:51	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 20:51	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 20:51	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 20:51	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 20:51	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 20:51	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 20:51	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 20:51	
Styrene	1.0 U	1.0	0.20	1	10/24/23 20:51	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 20:51	
Toluene	1.0 U	1.0	0.20	1	10/24/23 20:51	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 10:25
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	SS-G MW-3	**Units:**	ug/L
Lab Code:	R2309561-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**4.8**	1.0	0.20	1	10/24/23 20:51	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 20:51	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 20:51	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 20:51	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 20:51	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 20:51	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 20:51	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 20:51	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 20:51	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	90	85 - 122	10/24/23 20:51	
Dibromofluoromethane	94	80 - 116	10/24/23 20:51	
Toluene-d8	101	87 - 121	10/24/23 20:51	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 10:40
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-26	**Units:**	ug/L
Lab Code:	R2309561-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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	10/24/23 23:33	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.98 J**	1.0	0.20	1	10/24/23 23:33	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,1-Dichloroethene (1,1-DCE)	**1.6**	1.0	0.20	1	10/24/23 23:33	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 23:33	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 23:33	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 23:33	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 23:33	
1,4-Dioxane	40 U	40	13	1	10/24/23 23:33	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 23:33	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 23:33	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 23:33	
Acetone	5.0 U	5.0	5.0	1	10/24/23 23:33	
Benzene	1.0 U	1.0	0.20	1	10/24/23 23:33	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 23:33	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 23:33	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 23:33	UJ
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 23:33	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 23:33	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 23:33	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 23:33	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 23:33	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 23:33	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 23:33	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 23:33	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 23:33	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 23:33	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 23:33	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 23:33	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 23:33	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 23:33	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 23:33	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 23:33	
Styrene	1.0 U	1.0	0.20	1	10/24/23 23:33	
Tetrachloroethene (PCE)	**1.8**	1.0	0.21	1	10/24/23 23:33	
Toluene	1.0 U	1.0	0.20	1	10/24/23 23:33	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 10:40
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	MW-26	**Units:**	ug/L
Lab Code:	R2309561-012	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**110**	1.0	0.20	1	10/24/23 23:33	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 23:33	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 23:33	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 23:33	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 23:33	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 23:33	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 23:33	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 23:33	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 23:33	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/24/23 23:33	
Dibromofluoromethane	95	80 - 116	10/24/23 23:33	
Toluene-d8	104	87 - 121	10/24/23 23:33	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:00
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	DUP 101623 A	**Units:**	ug/L
Lab Code:	R2309561-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**4.6**	1.0	0.20	1	10/24/23 21:14	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,1-Dichloroethane (1,1-DCA)	**0.48 J**	1.0	0.20	1	10/24/23 21:14	
1,1-Dichloroethene (1,1-DCE)	**1.1**	1.0	0.20	1	10/24/23 21:14	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 21:14	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 21:14	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 21:14	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 21:14	
1,4-Dioxane	40 U	40	13	1	10/24/23 21:14	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 21:14	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 21:14	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 21:14	
Acetone	5.0 U	5.0	5.0	1	10/24/23 21:14	
Benzene	1.0 U	1.0	0.20	1	10/24/23 21:14	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 21:14	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 21:14	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 21:14	UJ
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 21:14	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 21:14	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 21:14	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 21:14	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 21:14	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 21:14	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 21:14	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 21:14	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 21:14	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 21:14	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 21:14	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 21:14	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 21:14	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 21:14	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 21:14	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 21:14	
Styrene	1.0 U	1.0	0.20	1	10/24/23 21:14	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 21:14	
Toluene	1.0 U	1.0	0.20	1	10/24/23 21:14	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:00
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	DUP 101623 A	**Units:**	ug/L
Lab Code:	R2309561-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**26**	1.0	0.20	1	10/24/23 21:14	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 21:14	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 21:14	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 21:14	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 21:14	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 21:14	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 21:14	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 21:14	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 21:14	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	10/24/23 21:14	
Dibromofluoromethane	96	80 - 116	10/24/23 21:14	
Toluene-d8	104	87 - 121	10/24/23 21:14	

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:30
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	DUP 101623 B	**Units:**	ug/L
Lab Code:	R2309561-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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	10/24/23 21:37	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 21:37	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 21:37	
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.0**	1.0	0.20	1	10/24/23 21:37	
1,1-Dichloroethane (1,1-DCA)	**0.21 J**	1.0	0.20	1	10/24/23 21:37	
1,1-Dichloroethene (1,1-DCE)	**1.5**	1.0	0.20	1	10/24/23 21:37	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 21:37	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 21:37	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 21:37	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 21:37	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 21:37	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 21:37	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 21:37	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 21:37	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 21:37	
1,4-Dioxane	40 U	40	13	1	10/24/23 21:37	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 21:37	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 21:37	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 21:37	
Acetone	5.0 U	5.0	5.0	1	10/24/23 21:37	
Benzene	1.0 U	1.0	0.20	1	10/24/23 21:37	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 21:37	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 21:37	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 21:37	UJ
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 21:37	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 21:37	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 21:37	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 21:37	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 21:37	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 21:37	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 21:37	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 21:37	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 21:37	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 21:37	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 21:37	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 21:37	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 21:37	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 21:37	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 21:37	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 21:37	
Styrene	1.0 U	1.0	0.20	1	10/24/23 21:37	
Tetrachloroethene (PCE)	**2.3**	1.0	0.21	1	10/24/23 21:37	
Toluene	1.0 U	1.0	0.20	1	10/24/23 21:37	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 12:30
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	DUP 101623 B	**Units:**	ug/L
Lab Code:	R2309561-014	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	**100**	1.0	0.20	1	10/24/23 21:37	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 21:37	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 21:37	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 21:37	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 21:37	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 21:37	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 21:37	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 21:37	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 21:37	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/24/23 21:37	
Dibromofluoromethane	96	80 - 116	10/24/23 21:37	
Toluene-d8	105	87 - 121	10/24/23 21:37	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 09:55
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	EB 101623	**Units:**	ug/L
Lab Code:	R2309561-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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	10/24/23 18:11	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 18:11	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 18:11	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 18:11	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 18:11	
1,4-Dioxane	40 U	40	13	1	10/24/23 18:11	
2-Butanone (MEK)	**0.82 J**	5.0	0.78	1	10/24/23 18:11	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 18:11	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 18:11	
Acetone	5.0 U	5.0	5.0	1	10/24/23 18:11	
Benzene	1.0 U	1.0	0.20	1	10/24/23 18:11	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 18:11	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 18:11	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 18:11	UJ
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 18:11	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 18:11	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 18:11	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 18:11	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 18:11	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 18:11	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 18:11	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 18:11	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 18:11	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 18:11	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 18:11	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 18:11	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 18:11	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 18:11	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 18:11	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 18:11	
Styrene	1.0 U	1.0	0.20	1	10/24/23 18:11	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 18:11	
Toluene	1.0 U	1.0	0.20	1	10/24/23 18:11	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23 09:55
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	EB 101623	**Units:**	ug/L
Lab Code:	R2309561-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

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

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	89	85 - 122	10/24/23 18:11	
Dibromofluoromethane	94	80 - 116	10/24/23 18:11	
Toluene-d8	102	87 - 121	10/24/23 18:11	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2309561-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
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	10/24/23 17:48	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/24/23 17:48	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/24/23 17:48	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/24/23 17:48	UJ
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/24/23 17:48	
1,4-Dioxane	40 U	40	13	1	10/24/23 17:48	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/24/23 17:48	
2-Hexanone	5.0 U	5.0	0.20	1	10/24/23 17:48	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/24/23 17:48	
Acetone	5.0 U	5.0	5.0	1	10/24/23 17:48	
Benzene	1.0 U	1.0	0.20	1	10/24/23 17:48	
Bromochloromethane	1.0 U	1.0	0.20	1	10/24/23 17:48	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/24/23 17:48	
Bromoform	1.0 U	1.0	0.25	1	10/24/23 17:48	UJ
Bromomethane	1.0 U	1.0	0.70	1	10/24/23 17:48	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/24/23 17:48	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/24/23 17:48	
Chlorobenzene	1.0 U	1.0	0.20	1	10/24/23 17:48	
Chloroethane	1.0 U	1.0	0.23	1	10/24/23 17:48	
Chloroform	1.0 U	1.0	0.51	1	10/24/23 17:48	
Chloromethane	1.0 U	1.0	0.80	1	10/24/23 17:48	
Cyclohexane	1.0 U	1.0	0.60	1	10/24/23 17:48	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/24/23 17:48	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/24/23 17:48	
Dichloromethane	1.0 U	1.0	0.65	1	10/24/23 17:48	
Ethylbenzene	1.0 U	1.0	0.20	1	10/24/23 17:48	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/24/23 17:48	
Methyl Acetate	2.0 U	2.0	0.87	1	10/24/23 17:48	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/24/23 17:48	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/24/23 17:48	
Styrene	1.0 U	1.0	0.20	1	10/24/23 17:48	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/24/23 17:48	
Toluene	1.0 U	1.0	0.20	1	10/24/23 17:48	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2309561
Project:	DLS Modock Rd Springs/23-041	**Date Collected:**	10/16/23
Sample Matrix:	Water	**Date Received:**	10/17/23 12:25
Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	R2309561-016	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/24/23 17:48	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/24/23 17:48	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/24/23 17:48	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/24/23 17:48	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/24/23 17:48	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/24/23 17:48	
o-Xylene	1.0 U	1.0	0.20	1	10/24/23 17:48	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/24/23 17:48	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/24/23 17:48	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	10/24/23 17:48	
Dibromofluoromethane	95	80 - 116	10/24/23 17:48	
Toluene-d8	104	87 - 121	10/24/23 17:48	

Appendix B

Laboratory QC Documentation

Client: Marks Engineering, PC
Project: DLS Modock Rd Springs/23-041

Service Request: R2309561
Date Analyzed: 10/24/23 14:24

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

Analysis Method: 8260C
File ID: I:\ACQUDATA\MSVOA17\Data\102423\E6826.D\
Signal ID: 1

Calibration Date: 8/4/2023
Calibration ID: RC2300106
Analysis Lot: 821582
Units: ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	45.3	0.7036	0.6377	-9.4	NA	±20	Average RF
1,1,2,2-Tetrachloroethane	50.0	42.5	0.8874	0.755	-14.9	NA	±20	Average RF
1,1,2-Trichloroethane	50.0	45.5	0.2959	0.2695	-8.9	NA	±20	Average RF
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.3	0.4157	0.3851	-7.3	NA	±20	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	50.5	0.6828	0.6899	1.0	NA	±20	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	47.3	0.3792	0.3588	-5.4	NA	±20	Average RF
1,2,3-Trichlorobenzene	50.0	41.2	1.0949	0.9016	-17.6	NA	±20	Average RF
1,2,4-Trichlorobenzene	50.0	41.6	1.13	0.9406	-16.8	NA	±20	Average RF
1,2-Dibromo-3-chloropropane (DBCP)	50.0	35.0	0.245	0.1716	-30.0*	NA	±20	Average RF
1,2-Dibromoethane	50.0	43.2	0.3562	0.3076	-13.6	NA	±20	Average RF
1,2-Dichlorobenzene	50.0	43.1	1.4932	1.288	-13.7	NA	±20	Average RF
1,2-Dichloroethane	50.0	47.3	0.4247	0.4014	-5.5	NA	±20	Average RF
1,2-Dichloropropane	50.0	48.8	0.2817	0.275	-2.4	NA	±20	Average RF
1,3-Dichlorobenzene	50.0	43.0	1.5246	1.3124	-13.9	NA	±20	Average RF
1,4-Dichlorobenzene	50.0	42.7	1.5604	1.3314	-14.7	NA	±20	Average RF
1,4-Dioxane	1000	826	0.0052	0.0043	-17.4	NA	±20	Average RF
2-Butanone (MEK)	50.0	45.1	0.2741	0.2473	-9.8	NA	±20	Average RF
2-Hexanone	50.0	42.9	0.2986	0.2564	-14.1	NA	±20	Average RF
4-Methyl-2-pentanone	50.0	43.2	0.3596	0.3108	-13.6	NA	±20	Average RF
Acetone	50.0	43.9	0.232	0.2039	-12.1	NA	±20	Average RF
Benzene	50.0	48.4	1.0858	1.0511	-3.2	NA	±20	Average RF
Bromochloromethane	50.0	47.3	0.3089	0.2919	-5.5	NA	±20	Average RF
Bromodichloromethane	50.0	40.5	0.4345	0.3517	-19.1	NA	±20	Average RF
Bromoform	50.0	34.7	0.3022	0.2096	-30.6*	NA	±20	Average RF
Bromomethane	50.0	59.3	0.3797	0.45	18.5	NA	±20	Average RF
Carbon Disulfide	50.0	42.6	1.1263	0.9597	-14.8	NA	±20	Average RF
Carbon Tetrachloride	50.0	44.5	0.4153	0.3694	-11.1	NA	±20	Average RF
Chlorobenzene	50.0	45.0	0.9329	0.8393	-10.0	NA	±20	Average RF
Chloroethane	50.0	52.2	0.3647	0.381	4.5	NA	±20	Average RF
Chloroform	50.0	46.6	0.7739	0.7211	-6.8	NA	±20	Average RF
Chloromethane	50.0	48.2	0.4398	0.4241	-3.6	NA	±20	Average RF
Cyclohexane	50.0	51.0	0.2681	0.2737	2.1	NA	±20	Average RF
Dibromochloromethane	50.0	40.8	0.3976	0.3245	-18.4	NA	±20	Average RF
Dichlorodifluoromethane (CFC 12)	50.0	53.5	0.574	0.6137	6.9	NA	±20	Average RF
Dichloromethane	50.0	45.7	0.4229	0.3868	-8.5	NA	±20	Average RF
Ethylbenzene	50.0	44.8	0.4858	0.4351	-10.4	NA	±20	Average RF
Isopropylbenzene (Cumene)	50.0	47.0	1.4676	1.3804	-5.9	NA	±20	Average RF
Methyl Acetate	50.0	47.8	0.525	0.5019	-4.4	NA	±20	Average RF
Methyl tert-Butyl Ether	50.0	45.5	1.3467	1.226	-9.0	NA	±20	Average RF

Client: Marks Engineering, PC
Project: DLS Modock Rd Springs/23-041

Service Request: R2309561
Date Analyzed: 10/25/23 10:21

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

Analysis Method: 8260C
File ID: I:\ACQUDATA\MSVOA17\Data\102523\E6855.D\
Signal ID: 1

Calibration Date: 8/4/2023
Calibration ID: RC2300106
Analysis Lot: 821683
Units: ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	47.1	0.7036	0.6623	-5.9	NA	±20	Average RF
1,1,2,2-Tetrachloroethane	50.0	47.8	0.8874	0.8491	-4.3	NA	±20	Average RF
1,1,2-Trichloroethane	50.0	47.5	0.2959	0.2808	-5.1	NA	±20	Average RF
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.2	0.4157	0.4007	-3.6	NA	±20	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	52.6	0.6828	0.7181	5.2	NA	±20	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	49.3	0.3792	0.3738	-1.4	NA	±20	Average RF
1,2,3-Trichlorobenzene	50.0	42.0	1.0949	0.9199	-16.0	NA	±20	Average RF
1,2,4-Trichlorobenzene	50.0	42.1	1.13	0.9507	-15.9	NA	±20	Average RF
1,2-Dibromo-3-chloropropane (DBCP)	50.0	39.2	0.245	0.1919	-21.7*	NA	±20	Average RF
1,2-Dibromoethane	50.0	47.5	0.3562	0.3386	-5.0	NA	±20	Average RF
1,2-Dichlorobenzene	50.0	45.2	1.4932	1.3489	-9.7	NA	±20	Average RF
1,2-Dichloroethane	50.0	49.9	0.4247	0.4235	-0.3	NA	±20	Average RF
1,2-Dichloropropane	50.0	49.3	0.2817	0.2777	-1.4	NA	±20	Average RF
1,3-Dichlorobenzene	50.0	45.7	1.5246	1.3929	-8.6	NA	±20	Average RF
1,4-Dichlorobenzene	50.0	44.6	1.5604	1.3904	-10.9	NA	±20	Average RF
1,4-Dioxane	1000	895	0.0052	0.0047	-10.5	NA	±20	Average RF
2-Butanone (MEK)	50.0	51.2	0.2741	0.2808	2.5	NA	±20	Average RF
2-Hexanone	50.0	46.9	0.2986	0.2802	-6.2	NA	±20	Average RF
4-Methyl-2-pentanone	50.0	48.1	0.3596	0.346	-3.8	NA	±20	Average RF
Acetone	50.0	47.9	0.232	0.2223	-4.2	NA	±20	Average RF
Benzene	50.0	50.1	1.0858	1.0887	0.3	NA	±20	Average RF
Bromochloromethane	50.0	50.2	0.3089	0.31	0.4	NA	±20	Average RF
Bromodichloromethane	50.0	43.5	0.4345	0.3776	-13.1	NA	±20	Average RF
Bromoform	50.0	36.8	0.3022	0.2226	-26.3*	NA	±20	Average RF
Bromomethane	50.0	60.1	0.3797	0.4563	20.2	NA	±20	Average RF
Carbon Disulfide	50.0	45.8	1.1263	1.0324	-8.3	NA	±20	Average RF
Carbon Tetrachloride	50.0	45.4	0.4153	0.3772	-9.2	NA	±20	Average RF
Chlorobenzene	50.0	47.5	0.9329	0.8868	-4.9	NA	±20	Average RF
Chloroethane	50.0	54.1	0.3647	0.3945	8.2	NA	±20	Average RF
Chloroform	50.0	49.5	0.7739	0.7667	-0.9	NA	±20	Average RF
Chloromethane	50.0	49.0	0.4398	0.4305	-2.1	NA	±20	Average RF
Cyclohexane	50.0	47.9	0.2681	0.2568	-4.2	NA	±20	Average RF
Dibromochloromethane	50.0	43.0	0.3976	0.3419	-14.0	NA	±20	Average RF
Dichlorodifluoromethane (CFC 12)	50.0	54.6	0.574	0.6272	9.3	NA	±20	Average RF
Dichloromethane	50.0	48.9	0.4229	0.4139	-2.1	NA	±20	Average RF
Ethylbenzene	50.0	46.2	0.4858	0.4485	-7.7	NA	±20	Average RF
Isopropylbenzene (Cumene)	50.0	48.3	1.4676	1.4181	-3.4	NA	±20	Average RF
Methyl Acetate	50.0	50.0	0.525	0.5255	0.1	NA	±20	Average RF
Methyl tert-Butyl Ether	50.0	49.6	1.3467	1.3364	-0.8	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: Tuesday, November 28, 2023 10:22 AM
To: dec.sm.NYENVDATA
Cc: Gregory, Charles T (DEC); jwolf@marksengineering.com; Noll, Dan
Subject: New EDD set for Modock Springs-DLS Sand and Gravel, Inc., Site 835013
Attachments: 20231128 1018.835013.NYSDEC_MERGE.zip

Attached please find a new EDD set for Modock Springs-DLS Sand and Gravel, Inc., Site 835013, including groundwater and soil vapor data.

Rebecca Noll
LaBella Associates | GIS & Environmental Specialist

300 State Street, Suite 201
Rochester, NY 14614
labellapc.com