January 2023

Annual Groundwater and Surface Water Sampling Report

October 2022 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

42 Beeman Street
Canandaigua, NY 14424

MarksEngineering

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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 2022 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 2022 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 property in the 1960s or 1970s and have contributed to both on-site and off-site CVOC contamination in groundwater (NYSDEC, 2010). The soil into which the CVOCs were first released; however, no longer exists on the Site. On the basis of the investigations, in 2001, the Department listed the site as a Class 2 site in the Registry of Inactive Hazardous Waste Disposal Sites in New York. After subsequent site characterization, remedial investigation, feasibility study and remedial alternatives analysis, the ROD for the Site was issued in 2010 selecting 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 2022 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 2022 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 5, 2022, 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 19, 2022 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 on October 19, 2022. 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 January 12, 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 SCGVs included only the three CVOCs (TCE, TCA and/or 1,1-DCE) 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 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 2022 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 three CVOCs (TCE, TCA, and/or 1,1-DCE) 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 2022 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 10 of 11 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 CVOC data trend for 1 of 11 monitoring wells sampled (MW-26) is up. MW-26 only has one historic data point for comparison, when the monitoring well was initially installed and sampled back in 2008 (total CVOCs 4 ug/l); however, the sample results from 2019 to present day are gradually decreasing with total CVOC concentrations ranging from 130.2 ug/l (August 2019) to 117.6 ug/l (October 2022). MW-26 is located on-site within the mine and near the estimated center of the former source area.

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.

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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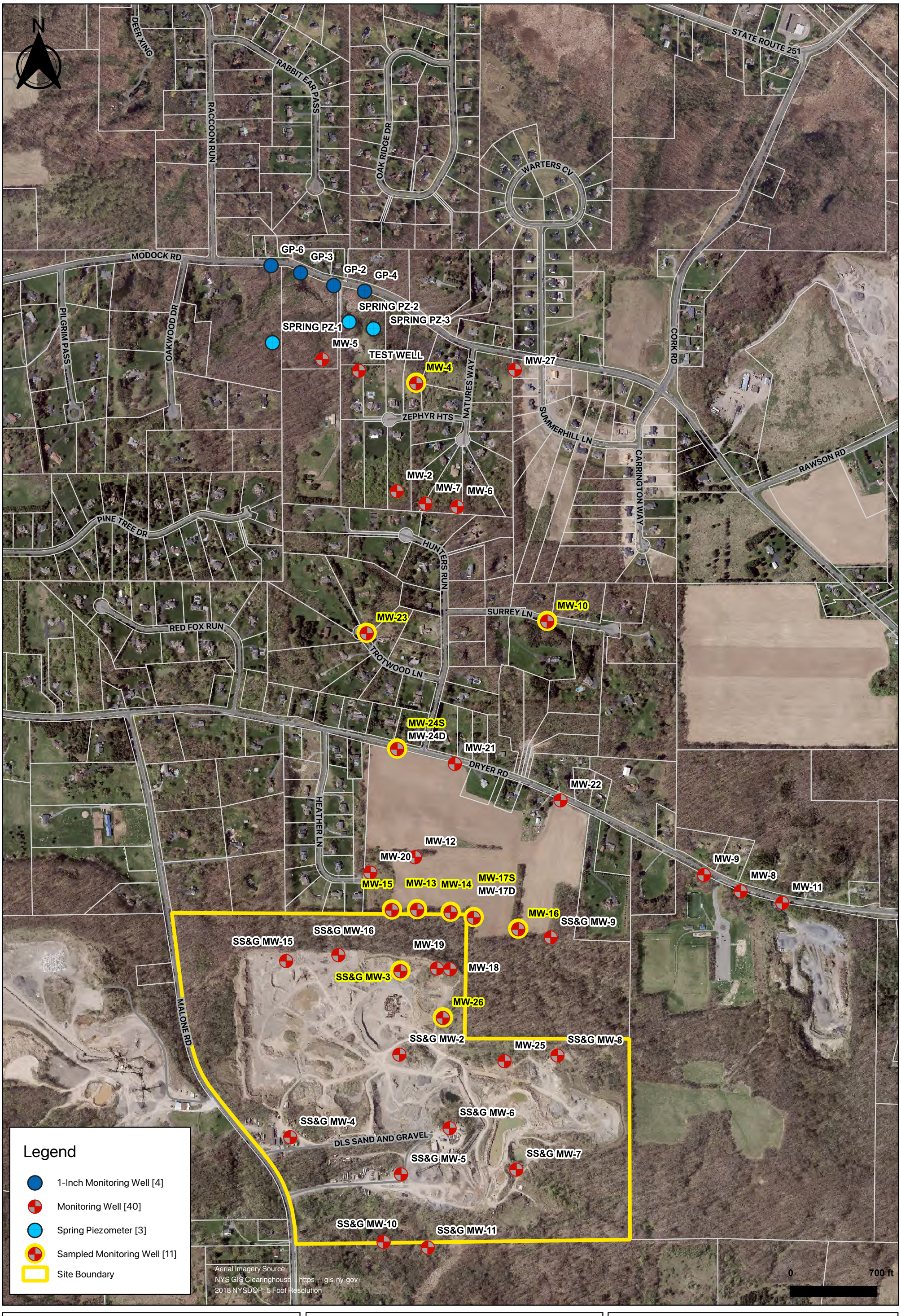
Figures



JANUARY 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 2022 SAMPLE EVENT)

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ST-3
RABBIT EAR PASS
RACCOON RUN
OAK RIDGE DR
ST-2
ST-1
MODOCK RD
IRONDEQUOIT CREEK TRIBUTARY
OAKWOOD DR
SC-1 (WATER SURFACE)
SPRINGHOUSE (INVERT)

Legend

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

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

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

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

0 200 ft

JANUARY 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 2022 SAMPLE EVENT)

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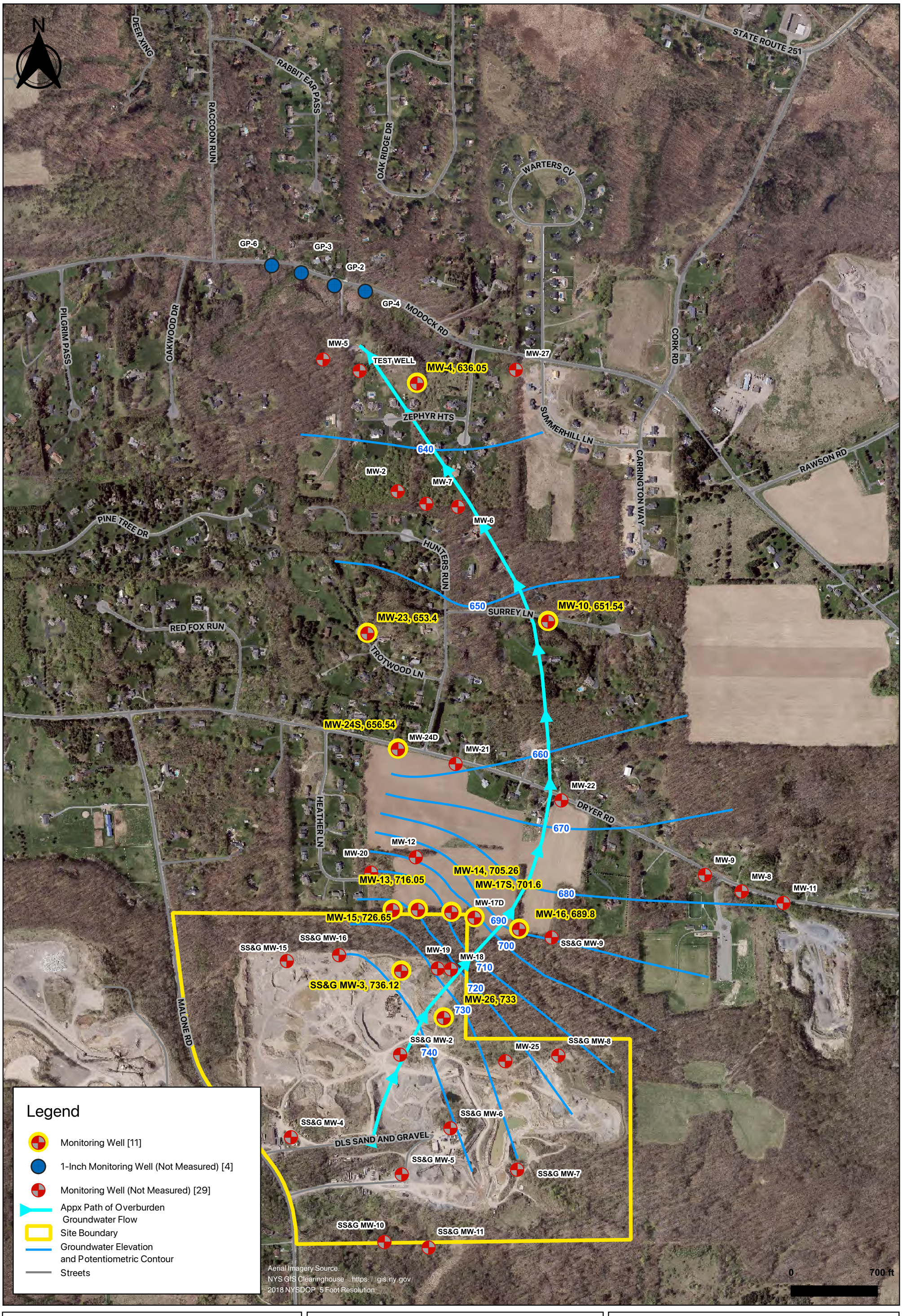

JANUARY 2023 GROUNDWATER AND SURFACE WATER SAMPLE REPORT
MODOCK RD. SPRINGS/DLS SAND & GRAVEL INC. SITE
TOWN OF VICTOR, ONTARIO COUNTY, NEW YORK
NYSDEC SITE NO. 8-35-013

FIGURE 3

GROUNDWATER CONTOUR MAP
(OCTOBER 2022 SAMPLE EVENT)

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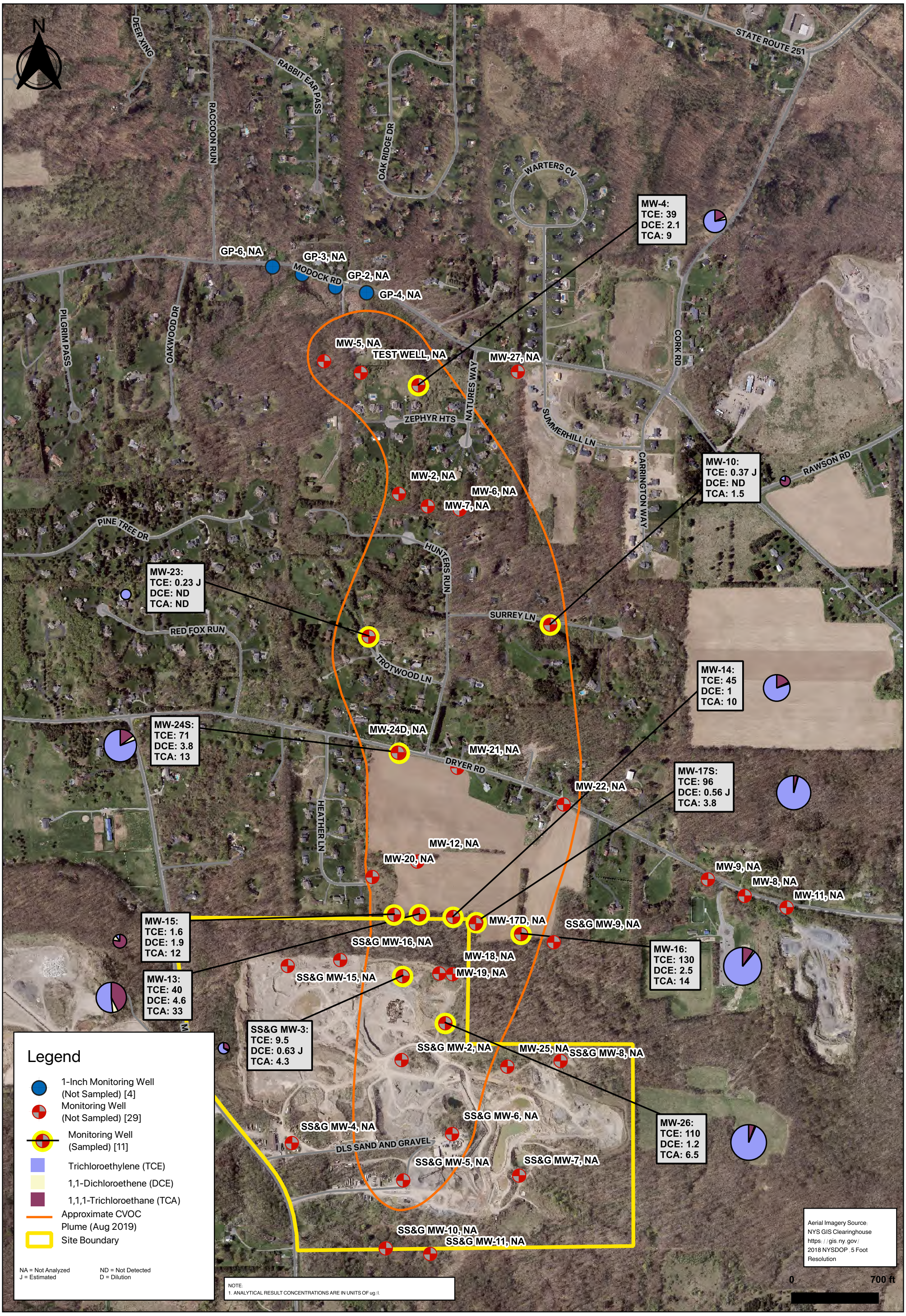

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MODOCK RD. SPRINGS/DLS SAND & GRAVEL INC. SITE
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FIGURE 4

SUMMARY OF TOTAL CVOC DETECTIONS
IN GROUNDWATER
(OCTOBER 2022 SAMPLE EVENT)

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Tables

Table 1
Summary of Monitoring Well Sampling Program
October 2022 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 2022 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-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**	**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	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	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	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**	0.2 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**	**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	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	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	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	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	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	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	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	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	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	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	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	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	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	**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	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	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	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	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	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	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	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	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	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	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	**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	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	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	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	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	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	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	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	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	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	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	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	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**	**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	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	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	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	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	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	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	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	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 2022 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-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
71-55-6	1,1,1-Trichloroethane (TCA)	5	ug/L	**1.9**	**2.8**	**3.6**	**2.6**	**2.6**	**1.5**	0.21 U	**3.8**	**30**	**34**	**45**	**41**	**36**	**33**
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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.25 U	**0.52 J**	**4.6**	**6.3**	**7.3**	**7.4**	**7.2**	**4.6**
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	0.2 U	0.2 U	0.2 U	0.25 U	1.0 U	1 U	1 U	1.0 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	0.25 U	0.25 U	0.25 U	0.34 UJ	1.0 U	1 U	1 U	1.0 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	0.45 U	0.45 U	0.45 U	0.45 U	2.0 U	2 U	2 U	2.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U
123-91-1	1,4-Dioxane (P-Dioxane)	NL	ug/L	13 U	13 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
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	0.78 U	0.78 U	0.78 U	0.78 U	5.0 U	5 U	5 U	5.0 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	0.2 U	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 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	0.2 U	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U
67-64-1	Acetone	50*	ug/L	**13**	5 UJ	5.0 U	5 U	5 U	5.0 UJ	1 U	**20**	**16**	5 U	5.0 U	5 U	5 U	5.0 UJ
71-43-2	Benzene	1	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U
74-97-5	Bromochloromethane	5	ug/L	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.24 U	0.24 U	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 U
75-27-4	Bromodichloromethane	50*	ug/L	0.22 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.22 U	0.22 U	0.22 U	0.2 U	1.0 U	1 U	1 U	1.0 U
75-25-2	Bromoform	50*	ug/L	0.25 U	0.25 U	1.0 U	1 U	1 U	1.0 U	0.25 UJ	0.25 UJ	0.25 UJ	0.25 U	1.0 U	1 U	1 U	1.0 U
74-83-9	Bromomethane	5	ug/L	0.7 U	0.7 U	1.0 U	1 UJ	1 U	1.0 U	0.7 UJ	0.7 U	0.7 U	0.7 UJ	1.0 U	1 UJ	1 U	1.0 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	0.25 U	0.25 U	0.25 U	0.42 U	1.0 U	1 U	1 U	1.0 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	0.34 U	0.34 U	0.34 U	0.34 U	1.0 U	1 UJ	1 U	1.0 U
108-90-7	Chlorobenzene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U
75-00-3	Chloroethane	5	ug/L	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	0.23 U	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U
67-66-3	Chloroform	7	ug/L	0.24 U	0.24 U	1.0 U	1 U	1 U	1.0 U	0.24 U	0.24 U	0.24 U	0.24 U	1.0 U	1 U	1 U	1.0 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	0.28 U	1.0 U	1 U	1 U	1.0 U
110-82-7	Cyclohexane	NL	ug/L	0.26 U	0.26 U	1.0 U	1 UJ	1 U	1.0 U	0.26 U	0.26 U	0.26 U	0.26 U	1.0 U	1 U	1 U	1.0 U
124-48-1	Dibromochloromethane	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U
75-71-8	Dichlorodifluoromethane	5	ug/L	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ	0.21 U	0.21 U	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ
75-09-2	Methylene Chloride	5	ug/L	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 U	0.36 U	0.36 U	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 U
100-41-4	Ethylbenzene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.33 U	0.33 U	0.33 U	0.33 U	2.0 U	2 U	2 U	2.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U
108-87-2	Methylcyclohexane	NL	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U
100-42-5	Styrene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.21 U	0.21 U	**0.41 J**	**0.25 J**	**0.28**	**0.28 J**	**0.35 J**	**0.28 J**
108-88-3	Toluene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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**	0.2 U	0.2 U	**53**	**46**	**52**	**46**	**44**	**40**
75-69-4	Trichlorofluoromethane	5	ug/L	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 U	0.24 U	0.24 U	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.23 U	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	2.0 U	2 U	2 U	2.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.23 U	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 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 2022 GROUNDWATER VOCs ANALYTICAL DATA (green shading)
Modock Road Springs/DLS Sand and Gravel, Inc. Site
(NYSDEC HW ID 8-35-013)
Victor, New York

CAS No.	Volatile Organic Compounds	NYS Class GA Standards	Unit	MW-14 8/21/2019	MW-14 8/5/2020	MW-14 10/22/2020	MW-14 2/3/2021	MW-14 4/21/2021	MW-14 10/19/22	MW-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
71-55-6	1,1,1-Trichloroethane (TCA)	5	ug/L	**14**	**14**	**14**	**10**	**12**	**10**	**18**	**18**	**25**	**22**	**26**	**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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U
75-35-4	1,1-Dichloroethene (1,1-DCE)	5	ug/L	**2**	**2.2**	**1.8**	**1.5**	**1.9**	**1**	**3.2**	**3.3**	**4.9**	**4**	**5.5 J**	**1.9**
87-61-6	1,2,3-Trichlorobenzene	5	ug/L	0.2 U	0.25 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.25 U	1.0 U	1 U	1 U	1.0 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	0.25 U	0.34 UJ	1.0 U	1 U	1 U	1.0 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	0.45 U	0.45 U	2.0 U	2 U	2 U	2.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U
123-91-1	1,4-Dioxane (P-Dioxane)	NL	ug/L	13 U	13 U	40 U	40 U	40 U	40 U	13 U	13 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	0.78 U	0.78 U	5.0 U	5 U	5 U	5.0 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	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 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	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U
67-64-1	Acetone	50*	ug/L	**12**	5 U	5.0 U	5 U	5 U	5.0 UJ	**16**	5 U	5.0 U	5 U	5 U	5.0 UJ
71-43-2	Benzene	1	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U
74-97-5	Bromochloromethane	5	ug/L	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 U
75-27-4	Bromodichloromethane	50*	ug/L	0.22 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.22 U	0.2 U	1.0 U	1 U	1 U	1.0 U
75-25-2	Bromoform	50*	ug/L	0.25 UJ	0.25 U	1.0 U	1 U	1 U	1.0 U	0.25 UJ	0.25 U	1.0 U	1 U	1 U	1.0 U
74-83-9	Bromomethane	5	ug/L	0.7 U	0.7 UJ	1.0 U	1 UJ	1 U	1.0 U	0.7 U	0.7 UJ	1.0 UJ	1 UJ	1 U	1.0 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	0.25 U	0.42 U	1.0 U	1 U	1 U	1.0 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	0.34 U	0.34 U	1.0 UJ	1 UJ	1 U	1.0 U
108-90-7	Chlorobenzene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U
75-00-3	Chloroethane	5	ug/L	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 U
67-66-3	Chloroform	7	ug/L	0.24 U	0.24 U	1.0 U	1 U	1 U	1.0 U	0.24 U	0.24 U	1.0 U	1 U	1 U	1.0 U
74-87-3	Chloromethane	NL	ug/L	0.28 U	0.28 U	1.0 U	1 U	1 U	1.0 U	0.28 U	0.28 U	1.0 U	1 U	1 U	1.0 U
110-82-7	Cyclohexane	NL	ug/L	0.26 U	0.26 U	1.0 U	1 U	1 U	1.0 U	0.26 U	0.26 U	1.0 U	1 U	1 U	1.0 U
124-48-1	Dibromochloromethane	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U
75-71-8	Dichlorodifluoromethane	5	ug/L	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ
75-09-2	Methylene Chloride	5	ug/L	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 U	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 U
100-41-4	Ethylbenzene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.33 U	0.33 U	2.0 U	2 U	2 U	2.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U
108-87-2	Methylcyclohexane	NL	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U
100-42-5	Styrene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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**	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 U
108-88-3	Toluene	5	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U
79-01-6	Trichloroethylene (TCE)	5	ug/L	**59**	**56**	**61**	**46**	**47**	**45**	**1**	**1.1**	**1.2**	**1.1**	**1.8**	**1.6**
75-69-4	Trichlorofluoromethane	5	ug/L	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 U	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	2.0 U	2 U	2 U	2.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 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 2022 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-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-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**	0.21 U	**22**	**20**	**22**	**21 D**	**20**	**3.8**	**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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.2 U	**1.2 J**	**0.72 J**	**0.85**	5 U	**0.73 J**	**0.41 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**	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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**	0.25 U	**5.3**	**3.5**	**4.7**	**3.7 DJ**	**4.2**	**0.56 J**	**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	0.2 U	0.4 U	0.5 U	2.5 U	5 U	2.5 U	1.0 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	0.25 U	0.5 U	0.68 UJ	2.5 U	5 U	2.5 U	1.0 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	0.45 U	0.9 U	0.9 U	5.0 U	10 U	5 U	2.0 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	1.0 U	1 U	1 U	1.0 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	13 U	26 U	26 U	100 U	200 U	100 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	0.78 U	1.6 U	1.6 U	13 U	25 U	13 U	5.0 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	0.2 U	0.4 U	0.4 U	13 U	25 U	13 U	5.0 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	0.2 U	0.4 U	0.4 U	13 U	25 U	13 U	5.0 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	**15**	**19**	10 U	13 U	25 U	13 U	5.0 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.24 U	0.48 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.22 U	0.44 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.25 UJ	0.5 UJ	0.5 U	2.5 U	5 U	2.5 U	1.0 U	0.25 UJ	0.25 UJ	0.25 U
74-83-9	Bromomethane	5	ug/L	0.7 U	0.7 UJ	1.0 U	1 UJ	1 U	1.0 U	0.7 U	1.4 U	1.4 UJ	2.5 U	5 UJ	2.5 U	1.0 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	0.25 U	0.5 U	0.84 U	2.5 U	5 U	2.5 U	1.0 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	0.34 U	0.68 U	0.68 U	2.5 U	5 UJ	2.5 U	1.0 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.23 U	0.46 U	0.46 U	2.5 U	5 U	2.5 U	1.0 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	0.24 U	**0.78 J**	0.48 U	2.5 U	5 U	2.5 U	1.0 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	0.28 U	0.56 U	0.56 U	2.5 U	5 U	2.5 U	1.0 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	0.26 U	0.52 U	0.52 U	2.5 U	5 U	2.5 U	1.0 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.21 U	0.42 U	0.42 U	2.5 U	5 U	2.5 U	1.0 UJ	0.21 U	0.21 U	0.21 U
75-09-2	Methylene Chloride	5	ug/L	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 U	0.36 U	0.72 U	1.3 U	2.5 U	5 U	2.5 U	1.0 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.33 U	0.66 U	0.66 U	5.0 U	10 U	5 U	**0.59 BJ**	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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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**	0.21 U	**1.2 J**	**1.3 J**	**1.5**	**1.6 DJ**	**1.2 J**	**0.27 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	**0.23 J**	0.2 U	0.2 U	0.2 U
79-01-6	Trichloroethylene (TCE)	5	ug/L	**150**	**140**	**160**	**170**	**130**	**130**	0.2 U	**320**	**300**	**340**	**290 D**	**280**	**96**	**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	0.24 U	0.48 U	0.48 U	2.5 UJ	5 U	2.5 U	1.0 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 UJ	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	0.23 U	**0.68 J**	0.46 U	2.5 U	5 U	2.5 U	1.0 U	0.23 U	0.23 U	0.23 U
10061-01-5	Cis-1,3-Dichloropropene	0.4	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.2 U	0.4 U	0.4 U	5.0 U	10 U	5 U	2.0 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.2 U	0.4 U	0.4 U	2.5 U	5 U	2.5 U	1.0 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	0.23 U	0.46 U	0.46 U	2.5 U	5 U	2.5 U	1.0 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 2022 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-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
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	**7.7**	**15**	**16**	**19**	**14**	**13**	**13**
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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	**0.87 J**	**1.3**	**1.4**	**1.7**	**1.6**	**1.4**	**1.4**
75-35-4	1,1-Dichloroethene (1,1-DCE)	5	ug/L	0.25 U	0.25 U	0.2 U	1.0 U	1 U	1 U	1.0 U	**1.6**	**4.4**	**5.9**	**6.1**	**4.6**	**5.1**	**3.8**
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	0.2 U	0.2 U	0.25 U	1.0 U	1 U	1 U	1.0 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	0.25 U	0.25 U	0.34 UJ	1.0 U	1 U	1 U	1.0 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	0.45 U	0.45 U	0.45 U	2.0 U	2 U	2 U	2.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	13 U	13 U	13 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	0.78 U	0.78 U	0.78 U	5.0 U	5 U	5 U	5.0 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	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 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	0.2 U	0.2 U	0.2 U	5.0 U	5 U	5 U	5.0 U
67-64-1	Acetone	50*	ug/L	**15 J**	**12**	5 U	5.0 U	5 U	5 U	5.0 UJ	**8.4**	**13**	5 U	5.0 U	5 U	5 U	5.0 UJ
71-43-2	Benzene	1	ug/L	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 U	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.24 U	0.24 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.22 U	0.22 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.25 U	0.25 U	0.25 U	1.0 U	1 U	1 U	1.0 U
74-83-9	Bromomethane	5	ug/L	0.7 U	0.7 U	0.7 U	1.0 U	1 UJ	1 U	1.0 U	0.7 U	0.7 U	0.7 UJ	1.0 U	1 UJ	1 U	1.0 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	0.25 U	0.25 U	0.42 U	1.0 U	1 U	1 U	1.0 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	0.34 U	0.34 U	0.34 U	1.0 U	1 UJ	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 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	0.24 U	0.24 U	0.24 U	1.0 U	1 U	1 U	1.0 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	**0.35 J**	**0.36 J**	0.28 U	1.0 U	1 U	1 U	1.0 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	0.26 U	0.26 U	0.26 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.21 U	0.21 U	0.21 U	1.0 U	1 U	1 U	1.0 UJ
75-09-2	Methylene Chloride	5	ug/L	0.36 U	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 U	0.36 U	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.33 U	0.33 U	0.33 U	2.0 U	2 U	2 U	2.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.21 U	**0.34 BJ**	0.21 U	**0.28**	**0.24 J**	**0.26 J**	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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**	**31**	**72**	**80**	**94**	**69**	**63**	**71**
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	0.24 U	0.24 U	0.24 U	1.0 UJ	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.23 U	0.23 U	**0.35 J**	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	2.0 U	2 U	2 U	2.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.23 U	0.23 U	0.23 U	1.0 U	1 U	1 U	1.0 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 2022 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
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**
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
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
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**
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
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**
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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**
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
79-01-6	Trichloroethylene (TCE)	5	ug/L	**120**	**120**	**110**	**130**	**140**	**110**	**110**	**100**	**100**	**110**	**110**
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
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
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
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
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
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
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
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

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 2022 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-27 8/21/2019	TEST WELL 8/21/2019	Spring PZ-1 8/21/2019	GP-02 8/21/2019	GP-03 8/21/2019	GP-04 8/21/2019	GP-06 8/21/2019
71-55-6	1,1,1-Trichloroethane (TCA)	5	ug/L	0.21 U	**1.4**	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	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	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	0.2 U
75-34-3	1,1-Dichloroethane	5	ug/L	0.2 U	**0.51 J**	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	**0.92 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	0.2 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	0.25 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	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	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	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	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	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	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	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	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	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	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	0.2 U
67-64-1	Acetone	50*	ug/L	**9.2**	**13**	**13**	**11**	**11**	**17**	**16**
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	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	0.24 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	0.22 U	0.22 U
75-25-2	Bromoform	50*	ug/L	0.25 U	0.25 U	0.25 U	0.25 UJ	0.25 U	0.25 U	0.25 U
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	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	0.25 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	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	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	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	0.24 U
74-87-3	Chloromethane	NL	ug/L	**0.33 J**	**0.48 J**	**0.36 J**	0.28 U	**0.3 J**	0.28 U	**0.3 J**
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	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	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	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	0.36 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	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	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	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	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	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	0.2 U
127-18-4	Tetrachloroethylene (PCE)	5	ug/L	0.21 U	0.21 U	0.21 U	0.21 U	1 U	1 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	0.2 U
79-01-6	Trichloroethylene (TCE)	5	ug/L	0.2 U	**20**	**0.27 J**	0.2 U	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	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	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	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	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	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	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	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	0.23 U

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OCTOBER 2022 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	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-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	**8.1**	**4.1**	**5.1**	**4.3**	**4.2**	**4.3**	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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	**1.3**	**0.88 J**	**0.78**	**0.65 J**	**0.66 J**	**0.63 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	0.25 U	1.0 U	1 U	1 U	1.0 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	0.34 U	1.0 U	1 U	1 U	1.0 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	2.0 U	2 U	2 U	2.0 U	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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	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	5.0 U	5 U	5 U	5.0 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	5.0 U	5 U	5 U	5.0 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	5.0 U	5 U	5 U	5.0 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
67-64-1	Acetone	50*	ug/L	**17**	5 UJ	5.0 U	5 U	5 U	5.0 U	**17**	**12**	**15**	**17**	**22**
71-43-2	Benzene	1	ug/L	0.2 U	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	1.0 U	1 U	1 U	1.0 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	0.2 U	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 U	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ
74-83-9	Bromomethane	5	ug/L	0.7 U	0.7 U	1.0 U	1 UJ	1 U	1.0 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	0.42 U	1.0 U	1 U	1 U	1.0 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	1.0 U	1 UJ	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	0.28 U	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 UJ	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
75-09-2	Methylene Chloride	5	ug/L	0.36 U	0.65 U	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	2.0 U	2 U	2 U	2.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
79-01-6	Trichloroethylene (TCE)	5	ug/L	**9**	**5.1**	**5.2**	**4.4**	**4.7**	**9.5**	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	1.0 UJ	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 UJ	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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	2.0 U	2 U	2 U	2.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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	1.0 U	1 U	1 U	1.0 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 2022 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	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**	**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	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	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	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**	**0.48 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**	**1.5**	**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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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**	**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	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	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	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	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	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	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	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	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	10/22/2020
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	53
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	9.5
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	2.2
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	64.7

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	10/22/2020
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	0.53
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	3.6
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	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	4.13

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	8/5/2020
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	46
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	34
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	6.3
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	86.3

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	10/22/2020
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	61
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	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	1.8
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	76.8

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	10/22/2020
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	1.2
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	25
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	4.9
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	31.1

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	8/5/2020
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	140
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	17
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	4.1
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	161.1

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	8/5/2020
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	300
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	20
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	3.5
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	323.5

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	8/5/2020
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	0.83
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	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	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	0.83

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	8/5/2020
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	80
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	16
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	5.9
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	101.9

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	8/5/2020
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	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	7.4
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	1.6
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	129

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	8/5/2020
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	5.1
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	4.1
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	0.88
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	10.08

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	6/30/2008
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	77
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	31
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	4
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	112

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	2/4/2021	4/21/2021	10/19/2022	% Difference	Data Trend[1]
TCE	44	42	39	-76	Down
TCA	8.3	7.9	9	-92	Down
DCE	1.8	1.8	2.1	-70	Down
TCVOCs	54.1	51.7	50.1	-82	Down

MW-10	2/4/2021	4/21/2021	10/19/2022	% Difference	Data Trend[1]
TCE	0.28	0.46	0.37	na	Up
TCA	2.6	2.6	1.5	-53.125	Down
DCE	0	0	0	Non Detect	Down
TCVOCs	2.88	3.06	1.87	-41.5625	Down

MW-13	10/22/2020	2/4/2021	4/21/2021	10/19/2022	% Difference	Data Trend[1]
TCE	52	46	44	40	-93	Down
TCA	45	41	36	33	-94	Down
DCE	7.3	7.4	7.2	4.6	-93	Down
TCVOCs	104.3	94.4	87.2	77.6	-94	Down

MW-14	2/4/2021	4/21/2021	10/19/2022	% Difference	Data Trend[1]
TCE	46	47	45	-100	Down
TCA	10	12	10	-100	Down
DCE	1.5	1.9	1	-100	Down
TCVOCs	57.5	60.9	56	-100	Down

MW-15	2/4/2021	4/21/2021	10/19/2022	% Difference	Data Trend[1]
TCE	1.1	1.8	1.6	-11	Down
TCA	22	26	12	-80	Down
DCE	4	5.5	1.9	-83	Down
TCVOCs	27.1	33.3	15.5	-79	Down

MW-16	10/22/2020	2/4/2021	4/21/2021	10/19/2022	% Difference	Data Trend[1]
TCE	160	170	130	130	-63	Down
TCA	20	21	17	14	-86	Down
DCE	4.3	4.9	4.1	2.5	-87	Down
TCVOCs	184.3	195.9	151.1	146.5	-69	Down

MW-17S	10/22/2020	2/4/2021	4/21/2021	10/19/2022	% Difference	Data Trend[1]
TCE	340	290	280	96	-89	Down
TCA	22	21	20	3.8	-95	Down
DCE	4.7	3.7	4.2	0.56	-98	Down
TCVOCs	366.7	314.7	304.2	100.36	-90	Down

MW-23	10/22/2020	2/4/2021	4/21/2021	10/19/2022	% Difference	Data Trend[1]
TCE	0.43	0.97	1.2	0.23	-92	Down
TCA	0	0.46	0.97	0	Non Detect	Down
DCE	0	0	0	0	Non Detect	Down
TCVOCs	0.43	1.43	2.17	0.23	-94	Down

MW-24S	10/22/2020	2/4/2021	4/21/2021	10/19/2022	% Difference	Data Trend[1]
TCE	94	69	63	71	-66	Down
TCA	19	14	13	13	-79	Down
DCE	6.1	4.6	5.1	3.8	-58	Down
TCVOCs	119.1	87.6	81.1	87.8	-69	Down

MW-26	10/22/2020	2/4/2021	4/21/2021	10/19/2022	% Difference	Data Trend[1]
TCE	130	110	100	110	2650	Up
TCA	7.7	7.2	6.3	6.4	na	Up
DCE	1.7	1.5	1.7	1.2	na	Up
TCVOCs	139.4	118.7	108	117.6	2840	Up

SS&G MW-3	10/22/2020	2/4/2021	4/21/2021	10/19/2022	% Difference	Data Trend[1]
TCE	5.2	4.4	4.7	9.5	-97	Down
TCA	5.1	4.3	4.2	4.3	-98	Down
DCE	0.78	0.65	0.66	0.63	-99	Down
TCVOCs	11.08	9.35	9.56	14.43	-98	Down

SC-1	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
TCE	91	77	56.3	76	57	50	30	34	37	31	33	30
TCA	24	23	15.1	21	16	12	5.9	6.3	7.6	6.2	6.8	5
DCE	3.2	4.1	2.17	3.1	0	0	1.2	1.6	1.9	1.6	1.7	1
TOTAL VOCs	118.2	104.1	73.57	100.1	73	62	37.1	41.9	46.5	38.8	41.5	36

NOTES:

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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 2022

		Field Measurements						Elevations										
Well ID	Top of PVC Elevation (ft. amsl)	Depth to Groundwater (ft. BTOC)	Measured Total Depth (ft. BTOC)	Standing Water Column (ft.)	Water Column Center (ft. BTOC)	PDB_{top} (ft. from bottom of well)	PDB_{bottom} (ft. from bottom of well)	Groundwater Elevation (ft. amsl)	Measured Total Depth (ft. amsl)	Water Column Center Elevation (ft. amsl)	PDB_{top} Elevation (ft. amsl)	PDB_{bottom} Elevation (ft. amsl)	Distance from PDB_{top} to Groundwater (ft.)	PDP Deploy Date	PDP Deploy Time	PDP Recovery Date	PDP Recovery Time	Depth to Groundwater (ft. BTOC) prior to PDB removal
MW-4	676.61	40.56	51.10	10.54	45.83	6.00	4.00	636.05	625.51	630.78	631.51	629.51	4.54	10/5/2022	1110	10/19/2022	800	40.65
MW-10	731.44	79.90	90.64	10.74	85.27	6.00	4.00	651.54	640.8	646.17	646.80	644.80	4.74	10/5/2022	0930	10/19/2022	0730	79.95
MW-13	781.20	65.15	74.55	9.4	69.85	5.70	3.70	716.05	706.65	711.35	712.35	710.35	3.70	10/5/2022	1015	10/19/2022	0900	65.19
MW-14	759.17	53.91	63.92	10.01	58.92	6.00	4.00	705.26	695.25	700.26	701.25	699.25	4.01	10/5/2022	1025	10/19/2022	0910	53.95
MW-15	786.44	59.79	70.11	10.32	64.95	6.00	4.00	726.65	716.33	721.49	722.33	720.33	4.32	10/5/2022	1005	10/19/2022	0850	59.85
MW-16	754.95	65.15	70.53	5.38	67.84	3.69	1.69	689.8	684.42	687.11	688.11	686.11	1.69	10/5/2022	1050	10/19/2022	0930	65.18
MW-17S	760.09	58.49	68.34	9.85	63.42	5.93	3.93	701.6	691.75	696.68	697.68	695.68	3.92	10/5/2022	1040	10/19/2022	0915	58.13
MW-23	691.42	38.02	46.33	8.31	42.18	5.16	3.16	653.4	645.09	649.25	650.25	648.25	3.15	10/5/2022	0910	10/19/2022	0710	38.08
MW-24S	722.31	65.77	74.11	8.34	69.94	5.17	3.17	656.54	648.2	652.37	653.37	651.37	3.17	10/5/2022	0950	10/19/2022	0745	65.92
MW-26	800.59	67.59	84.47	16.88	76.03	6.00	4.00	733	716.12	724.56	722.12	720.12	10.88	10/5/2022	1150	10/19/2022	1000	67.61
SS&G MW-3	805.43	69.31	74.85	5.54	72.08	3.77	1.77	736.12	730.58	733.35	734.35	732.35	1.77	10/5/2022	1135	10/19/2022	1015	69.39

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: DUP101922B, Dup Time: 1210

Appendix B
Surface Water Sampling Log

Surface Water Sampling Log

Date 10/19/2022
Site Name Modock Rd. Springs/DLS Sand & Gravel, Inc. Site
Location Victor, NY
Project No. 22-021
Personnel Jeremy Wolf

Weather Cool 40°F
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 0815

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

Samples collected:

Container Size	Container Type	# Collected	Field Filtered	Preservative	Container pH
40 ml VOA (3)					

Notes:

Collected Equipment Blank:
ID: EB101922
Time: 0825

Collected Blind DUP
ID: DUP101822A
Time: 1200

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Appendix C
Chain of Custody Form

Chain of Custody / Analytical Request Form

67314

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: 22-021
Email: JWolf@MarksEngineering.com	ALS Quote #:
Phone: 585-500-8392	Sampler's Signature:
Address: 4303 Route 5 & 20	Email CC:
Canandaigua NY 14424	Email CC:
	State Samples Collected (Circle or Write): (NY) MA, PA, CT, Other:

Preservative: 1

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

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

Lab ID (ALS)	Sample ID:	Date	Time	Matrix	Number of Containers	MS/MSD?	GC/MS VOA - 8260•624•524•TCLP	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	Notes:
	MW-23	10/19/22	0710	GW	3		3							
	MW-10 MS/MSD	10/19/22	0730	GW	9	Y	9							
	MW-24S	10/19/22	0745	GW	3		3							
	MW-4	10/19/22	0800	GW	3		3							
	SC-1	10/19/22	0815	GW	3		3							
	MW-15	10/19/22	0850	GW	3		3							
	MW-13	10/19/22	0900	GW	3		3							
	MW-14	10/19/22	0910	GW	3		3							
	MW-17S	10/19/22	0915	GW	3		3							
	MW-16	10/19/22	0930	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: NYSDEC

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

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

Invoice To: (X Same as Report To)

PO #: 22-021

Company:

Contact:

Email: JWolf@marksengineering.com

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	Jeremy Wolf	Brady Kuhlman				
Company	Marks Eng	ALS				
Date/Time	10/19/22	10/19/22 1155				

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

R2210017 5
Marks Engineering, PC
DLS Modock Road Springs

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

004918

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 2 OF 2

Project Name: DLS Modock Rd Springs	Project Number: 22-021
Project Manager: Jeremy Wolf	Report CC:
Company/Address: Marks Engineering PC 4303 Route 5 & 20 Canandaigua NY 14424	
Phone #: 585-500-8392	Email: JWolf@marksengineering.com
Sampler's Signature:	Sampler's Printed Name: Jeremy Wolf

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 1

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS		TCL 8260
MW-26		10/19/22	1000	GW	3	3	↓
SS&G MW-3		10/19/22	1015	GW	3	3	
DUP 10 19 22 A		10/19/22	1200	GW	3	3	
DUP 10 19 22 B		10/19/22	1210	GW	3	3	
EB 10 19 22		10/19/22	0825	GW	3	3	
Voc Trip Blank							

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP ☐

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
___ 1 day ___ 2 day ___ 3 day
___ 4 day ___ 5 day
X Standard (10 business days-No Surcharge)
REQUESTED REPORT DATE

REPORT REQUIREMENTS
___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
CAT B & NYSDEC EDD
Edata X Yes ___ No

INVOICE INFORMATION
PO # 22-021
BILL TO: JWolf@marksengineering.com

STATE WHERE SAMPLES WERE COLLECTED

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: Jeremy Wolf	Printed Name: Brady Kohler	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: Marks Eng.	Firm: ALS	Firm:	Firm:	Firm:	Firm:
Date/Time: 10/19/22	Date/Time: 10/19/22 1155	Date/Time:	Date/Time:	Date/Time:	Date/Time:

R2210017 5
Marks Engineering, PC
DLS Modock Road Springs

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

MarksEngineering

Exhibit A
Laboratory Report
(Results Only)

November 10, 2022 Service Request No:R2210017

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

Laboratory Results for: DLS Modock Road Springs

Dear Mr.Wolf,

Enclosed are the results of the sample(s) submitted to our laboratory October 19, 2022
For your reference, these analyses have been assigned our service request number **R2210017.**

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

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

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Janice Jaeger
Project Manager

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

Narrative Documents

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

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

Service Request: R2210017
Date Received: 10/19/2022

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 10/19/2022. 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, 10/31/2022: The lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. The analytes affected are flagged in the LCS Summary.

Method 8260C, 10/31/2022: 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, 11/01/2022: The lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. The analytes affected are flagged in the LCS Summary.
Method 8260C, 10/29/2022: 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, 10/29/2022: The lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. Additional analysis of the associated field samples was not performed because the low recovery is the result of an issue with the stock standard; we are working with the vendor to correct the problem. The analytes affected are flagged in the LCS Summary.

Approved by _____ Date 11/10/2022

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:**R2210017

Project: DLS Modock Road Springs/22-021

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2210017-001	MW-23	10/19/2022	0710
R2210017-002	MW-10	10/19/2022	0730
R2210017-003	MW-24S	10/19/2022	0745
R2210017-004	MW-4	10/19/2022	0800
R2210017-005	SC-1	10/19/2022	0815
R2210017-006	MW-15	10/19/2022	0850
R2210017-007	MW-13	10/19/2022	0900
R2210017-008	MW-14	10/19/2022	0910
R2210017-009	MW-17S	10/19/2022	0915
R2210017-010	MW-16	10/19/2022	0930
R2210017-011	MW-26	10/19/2022	1000
R2210017-012	SS-G MW-3	10/19/2022	1015
R2210017-013	DUP101922A	10/19/2022	1200
R2210017-014	DUP101922B	10/19/2022	1210
R2210017-015	EB101922	10/19/2022	0825
R2210017-016	VOC Trip Blank	10/19/2022	

Chain of Custody / Analytical Request Form

67314

SR#:

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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: 22-021
Email: JWolf@MarksEngineering.com	ALS Quote #:
Phone: 585-500-8392	Sampler's Signature:
Address: 4303 Route 5 & 20	Email CC:
Canandaigua NY 14424	Email CC:
	State Samples Collected (Circle or Write): (NY) MA, PA, CT, Other:

Preservative: 1

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

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

Lab ID (ALS)	Sample ID:	Date	Time	Matrix	Number of Containers	MS/MSD?	GC/MS VOA - 8260•624•524•TCLP	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	Notes:
	MW-23	10/19/22	0710	GW	3		3							
	MW-10 MS/MSD	10/19/22	0730	GW	9	Y	9							
	MW-24S	10/19/22	0745	GW	3		3							
	MW-4	10/19/22	0800	GW	3		3							
	SC-1	10/19/22	0815	GW	3		3							
	MW-15	10/19/22	0850	GW	3		3							
	MW-13	10/19/22	0900	GW	3		3							
	MW-14	10/19/22	0910	GW	3		3							
	MW-17S	10/19/22	0915	GW	3		3							
	MW-16	10/19/22	0930	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: NYSDEC

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

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

Invoice To: (X Same as Report To)

PO #: 22-021
Company:
Contact:
Email: JWolf@marksengineering.com

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	Jeremy Wolf	Brady Kuhlman				
Company	Marks Eng	ALS				
Date/Time	10/19/22	10/19/22 1155				

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

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Marks Engineering, PC
DLS Modock Road Springs

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

004918

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 2 OF 2

Project Name: DLS Modock Rd Springs	Project Number: 22-021
Project Manager: Jeremy Wolf	Report CC:
Company/Address: Marks Engineering PC 4303 Route 5 & 20 Canandaigua NY 14424	
Phone #: 585-500-8392	Email: JWolf@marksengineering.com
Sampler's Signature:	Sampler's Printed Name: Jeremy Wolf

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 1

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS		TCL 8260
MW-26		10/19/22	1000	GW	3	3	
SS&G MW-3		10/19/22	1015	GW	3	3	
DUP 10 19 22 A		10/19/22	1200	GW	3	3	
DUP 10 19 22 B		10/19/22	1210	GW	3	3	
EB 10 19 22		10/19/22	0825	GW	3	3	
Voc Trip Blank							

(8260) 624 • CLP | GC/MS SVOAs • 8270 • 625 | GC VOAs • 8021 • 601/602 | PESTICIDES • 8081 • 608 | PCBs • 8082 • 608 | METALS, TOTAL (List in comments below) | METALS, DISSOLVED (List in comments below)

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 1 day _____ 2 day _____ 3 day
X 4 day _____ 5 day
X Standard (10 business days-No Surcharge)
REQUESTED REPORT DATE
_____

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
_____ IV. Data Validation Report with Raw Data
CAT B & NYSDEC EDD
Edata X Yes ____ No

INVOICE INFORMATION
PO # 22-021
BILL TO: JWolf@marksengineering.com

STATE WHERE SAMPLES WERE COLLECTED

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: Jeremy Wolf	Printed Name: Brady Kohler	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: Marks Eng.	Firm: ALS	Firm:	Firm:	Firm:	Firm:
Date/Time: 10/19/22	Date/Time: 10/19/22 1155	Date/Time:	Date/Time:	Date/Time:	Date/Time:

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

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Marks Engineering, PC
DLS Modock Road Springs

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DLS Modock Road Springs

Cooler Receipt and Preservation Check F

Project/Client Marks Engineering Folder Number _____.

Cooler received on 10/19/22 by: Bde 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: 10/19 Time: 1205 ID: IR#7 IR#13 From: Temp Blank Sample Bottle

Observed Temp (°C)	7.1						
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: 2nd by Bde on 10/19 at 1206
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 10/20/22 Time: 1352 by: HE

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. 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	**	**	61321	02/25				

**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: 050922-3AXH
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: HE
PC Secondary Review: JWS 10/21/22 *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Client: Marks Engineering, PC **Service Request:** R2210017

Project: DLS Modock Road Springs/22-021

Bottle ID	Methods	Date	Time	Sample Location / User	Disposed On
R2210017-001.01					
	8260C				
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
		10/28/2022	1651	In Lab / KRUEST	
		10/28/2022	1657	R-001-S06 / KRUEST	
R2210017-001.02					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-001.03					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-002.01					
	8260C				
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
		10/28/2022	1651	In Lab / KRUEST	
		10/28/2022	1657	R-001-S06 / KRUEST	
R2210017-002.02					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-002.03					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-002.04					
		10/20/2022	1358	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-002.05					
		10/20/2022	1358	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-002.06					
		10/20/2022	1358	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	

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Internal Chain of Custody Report

Client: Marks Engineering, PC **Service Request:** R2210017
Project: DLS Modock Road Springs/22-021

Bottle ID	Methods	Date	Time	Sample Location / User	Disposed On
R2210017-002.07					
		10/20/2022	1358	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-002.08					
		10/20/2022	1358	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-002.09					
		10/20/2022	1358	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-003.01					
	8260C				
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
		10/28/2022	1651	In Lab / KRUEST	
		10/28/2022	1657	R-001-S06 / KRUEST	
R2210017-003.02					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-003.03					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-004.01					
	8260C				
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
		10/28/2022	1651	In Lab / KRUEST	
		10/28/2022	1657	R-001-S06 / KRUEST	
R2210017-004.02					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-004.03					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	

Client: Marks Engineering, PC **Service Request:** R2210017
Project: DLS Modock Road Springs/22-021

Bottle ID	Methods	Date	Time	Sample Location / User	Disposed On
R2210017-005.01					
	8260C				
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
		10/28/2022	1651	In Lab / KRUEST	
		10/28/2022	1657	R-001-S06 / KRUEST	
R2210017-005.02					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-005.03					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-006.01					
	8260C				
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
		10/28/2022	1651	In Lab / KRUEST	
		10/28/2022	1657	R-001-S06 / KRUEST	
R2210017-006.02					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-006.03					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-007.01					
	8260C				
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
		10/28/2022	1651	In Lab / KRUEST	
		10/28/2022	1657	R-001-S06 / KRUEST	
R2210017-007.02					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-007.03					
		10/20/2022	1355	SMO / ALUGO	

Client: Marks Engineering, PC **Service Request:** R2210017
Project: DLS Modock Road Springs/22-021

Bottle ID	Methods	Date	Time	Sample Location / User	Disposed On
		10/20/2022	1358	R-001 / ALUGO	
R2210017-008.01					
	8260C				
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
		10/28/2022	1655	R-001-S06 / KRUEST	
		10/31/2022	1306	In Lab / KRUEST	
		10/31/2022	1638	R-001-S06 / KRUEST	
R2210017-008.02					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-008.03					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-009.01					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
		10/28/2022	1655	R-001-S06 / KRUEST	
		10/31/2022	1306	In Lab / KRUEST	
		10/31/2022	1638	R-001-S06 / KRUEST	
R2210017-009.02					
	8260C				
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
		11/1/2022	1607	In Lab / KRUEST	
		11/1/2022	1626	R-001-S06 / KRUEST	
R2210017-009.03					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-010.01					
	8260C				
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
		10/28/2022	1655	R-001-S06 / KRUEST	
		10/31/2022	1306	In Lab / KRUEST	
		10/31/2022	1638	R-001-S06 / KRUEST	

Client: Marks Engineering, PC **Service Request:** R2210017
Project: DLS Modock Road Springs/22-021

Bottle ID	Methods	Date	Time	Sample Location / User	Disposed On
R2210017-010.02					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-010.03					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-011.01					
	8260C				
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
		10/28/2022	1655	R-001-S06 / KRUEST	
		10/31/2022	1306	In Lab / KRUEST	
		10/31/2022	1638	R-001-S06 / KRUEST	
R2210017-011.02					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-011.03					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-012.01					
	8260C				
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
		10/28/2022	1655	R-001-S06 / KRUEST	
		10/31/2022	1306	In Lab / KRUEST	
		10/31/2022	1638	R-001-S06 / KRUEST	
R2210017-012.02					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-012.03					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-013.01					
	8260C				
		10/20/2022	1355	SMO / ALUGO	

Client: Marks Engineering, PC **Service Request:** R2210017

Project: DLS Modock Road Springs/22-021

Bottle ID	Methods	Date	Time	Sample Location / User	Disposed On
	8260C				
		10/20/2022	1358	R-001 / ALUGO	
		10/28/2022	1655	R-001-S06 / KRUEST	
		10/31/2022	1306	In Lab / KRUEST	
		10/31/2022	1638	R-001-S06 / KRUEST	
R2210017-013.02					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-013.03					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-014.01					
	8260C				
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
		10/28/2022	1655	R-001-S06 / KRUEST	
		10/31/2022	1306	In Lab / KRUEST	
		10/31/2022	1638	R-001-S06 / KRUEST	
R2210017-014.02					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-014.03					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-015.01					
	8260C				
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
		10/28/2022	1655	R-001-S06 / KRUEST	
		10/31/2022	1306	In Lab / KRUEST	
		10/31/2022	1638	R-001-S06 / KRUEST	
R2210017-015.02					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-015.03					

ALS Group USA, Corp.
dba ALS Environmental

Internal Chain of Custody Report

Client: Marks Engineering, PC **Service Request:** R2210017
Project: DLS Modock Road Springs/22-021

Bottle ID	Methods	Date	Time	Sample Location / User	Disposed On
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-016.01					
	8260C				
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
		10/28/2022	1655	R-001-S06 / KRUEST	
		10/31/2022	1306	In Lab / KRUEST	
		10/31/2022	1638	R-001-S06 / KRUEST	
R2210017-016.02					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	
R2210017-016.03					
		10/20/2022	1355	SMO / ALUGO	
		10/20/2022	1358	R-001 / ALUGO	

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 Method Reporting Limit. Also known as:
LOQ 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 or go to https://www.alsglobal.com/locations/americas/north-america/usa/new-york/rochester-environmental

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:** R2210017
Project: DLS Modock Road Springs/22-021

Sample Name: MW-23 **Date Collected:** 10/19/22
Lab Code: R2210017-001 **Date Received:** 10/19/22
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-10 **Date Collected:** 10/19/22
Lab Code: R2210017-002 **Date Received:** 10/19/22
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-24S **Date Collected:** 10/19/22
Lab Code: R2210017-003 **Date Received:** 10/19/22
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: MW-4 **Date Collected:** 10/19/22
Lab Code: R2210017-004 **Date Received:** 10/19/22
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name: SC-1 **Date Collected:** 10/19/22
Lab Code: R2210017-005 **Date Received:** 10/19/22
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021		

Sample Name:	MW-15	**Date Collected:**	10/19/22
Lab Code:	R2210017-006	**Date Received:**	10/19/22
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	MW-13	**Date Collected:**	10/19/22
Lab Code:	R2210017-007	**Date Received:**	10/19/22
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	MW-14	**Date Collected:**	10/19/22
Lab Code:	R2210017-008	**Date Received:**	10/19/22
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	MW-17S	**Date Collected:**	10/19/22
Lab Code:	R2210017-009	**Date Received:**	10/19/22
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	MW-16	**Date Collected:**	10/19/22
Lab Code:	R2210017-010	**Date Received:**	10/19/22
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021		

Sample Name:	MW-26	**Date Collected:**	10/19/22
Lab Code:	R2210017-011	**Date Received:**	10/19/22
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	SS-G MW-3	**Date Collected:**	10/19/22
Lab Code:	R2210017-012	**Date Received:**	10/19/22
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	DUP101922A	**Date Collected:**	10/19/22
Lab Code:	R2210017-013	**Date Received:**	10/19/22
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	DUP101922B	**Date Collected:**	10/19/22
Lab Code:	R2210017-014	**Date Received:**	10/19/22
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	EB101922	**Date Collected:**	10/19/22
Lab Code:	R2210017-015	**Date Received:**	10/19/22
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021		

Sample Name:	VOC Trip Blank	**Date Collected:**	10/19/22
Lab Code:	R2210017-016	**Date Received:**	10/19/22
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
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 07:10
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-23	**Units:**	ug/L
Lab Code:	R2210017-001	**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)	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/29/22 18:32	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/29/22 18:32	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/29/22 18:32	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,4-Dioxane	40 U	40	13	1	10/29/22 18:32	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/29/22 18:32	
2-Hexanone	5.0 U	5.0	0.20	1	10/29/22 18:32	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/29/22 18:32	
Acetone	5.0 U	5.0	5.0	1	10/29/22 18:32	
Benzene	1.0 U	1.0	0.20	1	10/29/22 18:32	
Bromochloromethane	1.0 U	1.0	0.20	1	10/29/22 18:32	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/29/22 18:32	
Bromoform	1.0 U	1.0	0.25	1	10/29/22 18:32	
Bromomethane	1.0 U	1.0	0.70	1	10/29/22 18:32	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/29/22 18:32	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/29/22 18:32	
Chlorobenzene	1.0 U	1.0	0.20	1	10/29/22 18:32	
Chloroethane	1.0 U	1.0	0.23	1	10/29/22 18:32	
Chloroform	1.0 U	1.0	0.24	1	10/29/22 18:32	
Chloromethane	1.0 U	1.0	0.28	1	10/29/22 18:32	
Cyclohexane	1.0 U	1.0	0.26	1	10/29/22 18:32	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/29/22 18:32	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/29/22 18:32	
Dichloromethane	1.0 U	1.0	0.65	1	10/29/22 18:32	
Ethylbenzene	1.0 U	1.0	0.20	1	10/29/22 18:32	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/29/22 18:32	
Methyl Acetate	2.0 U	2.0	0.33	1	10/29/22 18:32	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/29/22 18:32	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/29/22 18:32	
Styrene	1.0 U	1.0	0.20	1	10/29/22 18:32	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/29/22 18:32	
Toluene	1.0 U	1.0	0.20	1	10/29/22 18:32	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 07:10
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-23	**Units:**	ug/L
Lab Code:	R2210017-001	**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)	**0.23 J**	1.0	0.20	1	10/29/22 18:32	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/29/22 18:32	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/29/22 18:32	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/29/22 18:32	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/29/22 18:32	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/29/22 18:32	
o-Xylene	1.0 U	1.0	0.20	1	10/29/22 18:32	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/29/22 18:32	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/29/22 18:32	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	10/29/22 18:32	
Dibromofluoromethane	100	80 - 116	10/29/22 18:32	
Toluene-d8	99	87 - 121	10/29/22 18:32	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 07:30
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2210017-002	**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)	**1.5**	1.0	0.20	1	10/29/22 18:54	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/29/22 18:54	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/29/22 18:54	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/29/22 18:54	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,4-Dioxane	40 U	40	13	1	10/29/22 18:54	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/29/22 18:54	
2-Hexanone	5.0 U	5.0	0.20	1	10/29/22 18:54	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/29/22 18:54	
Acetone	5.0 U	5.0	5.0	1	10/29/22 18:54	
Benzene	1.0 U	1.0	0.20	1	10/29/22 18:54	
Bromochloromethane	1.0 U	1.0	0.20	1	10/29/22 18:54	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/29/22 18:54	
Bromoform	1.0 U	1.0	0.25	1	10/29/22 18:54	
Bromomethane	1.0 U	1.0	0.70	1	10/29/22 18:54	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/29/22 18:54	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/29/22 18:54	
Chlorobenzene	1.0 U	1.0	0.20	1	10/29/22 18:54	
Chloroethane	1.0 U	1.0	0.23	1	10/29/22 18:54	
Chloroform	1.0 U	1.0	0.24	1	10/29/22 18:54	
Chloromethane	1.0 U	1.0	0.28	1	10/29/22 18:54	
Cyclohexane	1.0 U	1.0	0.26	1	10/29/22 18:54	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/29/22 18:54	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/29/22 18:54	
Dichloromethane	1.0 U	1.0	0.65	1	10/29/22 18:54	
Ethylbenzene	1.0 U	1.0	0.20	1	10/29/22 18:54	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/29/22 18:54	
Methyl Acetate	2.0 U	2.0	0.33	1	10/29/22 18:54	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/29/22 18:54	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/29/22 18:54	
Styrene	1.0 U	1.0	0.20	1	10/29/22 18:54	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/29/22 18:54	
Toluene	1.0 U	1.0	0.20	1	10/29/22 18:54	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 07:30
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2210017-002	**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)	**0.37 J**	1.0	0.20	1	10/29/22 18:54	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/29/22 18:54	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/29/22 18:54	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/29/22 18:54	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/29/22 18:54	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/29/22 18:54	
o-Xylene	1.0 U	1.0	0.20	1	10/29/22 18:54	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/29/22 18:54	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/29/22 18:54	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/29/22 18:54	
Dibromofluoromethane	99	80 - 116	10/29/22 18:54	
Toluene-d8	98	87 - 121	10/29/22 18:54	

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 07:45
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-24S	**Units:**	ug/L
Lab Code:	R2210017-003	**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)	**13**	1.0	0.20	1	10/29/22 20:44	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,1-Dichloroethane (1,1-DCA)	**1.4**	1.0	0.20	1	10/29/22 20:44	
1,1-Dichloroethene (1,1-DCE)	**3.8**	1.0	0.20	1	10/29/22 20:44	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/29/22 20:44	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/29/22 20:44	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/29/22 20:44	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,4-Dioxane	40 U	40	13	1	10/29/22 20:44	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/29/22 20:44	
2-Hexanone	5.0 U	5.0	0.20	1	10/29/22 20:44	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/29/22 20:44	
Acetone	5.0 U	5.0	5.0	1	10/29/22 20:44	
Benzene	1.0 U	1.0	0.20	1	10/29/22 20:44	
Bromochloromethane	1.0 U	1.0	0.20	1	10/29/22 20:44	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/29/22 20:44	
Bromoform	1.0 U	1.0	0.25	1	10/29/22 20:44	
Bromomethane	1.0 U	1.0	0.70	1	10/29/22 20:44	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/29/22 20:44	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/29/22 20:44	
Chlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:44	
Chloroethane	1.0 U	1.0	0.23	1	10/29/22 20:44	
Chloroform	1.0 U	1.0	0.24	1	10/29/22 20:44	
Chloromethane	1.0 U	1.0	0.28	1	10/29/22 20:44	
Cyclohexane	1.0 U	1.0	0.26	1	10/29/22 20:44	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/29/22 20:44	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/29/22 20:44	
Dichloromethane	1.0 U	1.0	0.65	1	10/29/22 20:44	
Ethylbenzene	1.0 U	1.0	0.20	1	10/29/22 20:44	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/29/22 20:44	
Methyl Acetate	2.0 U	2.0	0.33	1	10/29/22 20:44	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/29/22 20:44	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/29/22 20:44	
Styrene	1.0 U	1.0	0.20	1	10/29/22 20:44	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/29/22 20:44	
Toluene	1.0 U	1.0	0.20	1	10/29/22 20:44	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 07:45
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-24S	**Units:**	ug/L
Lab Code:	R2210017-003	**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)	**71**	1.0	0.20	1	10/29/22 20:44	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/29/22 20:44	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/29/22 20:44	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/29/22 20:44	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/29/22 20:44	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/29/22 20:44	
o-Xylene	1.0 U	1.0	0.20	1	10/29/22 20:44	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/29/22 20:44	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/29/22 20:44	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/29/22 20:44	
Dibromofluoromethane	98	80 - 116	10/29/22 20:44	
Toluene-d8	99	87 - 121	10/29/22 20:44	

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 08:00
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R2210017-004	**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)	**9.0**	1.0	0.20	1	10/29/22 19:16	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,1-Dichloroethane (1,1-DCA)	**0.62 J**	1.0	0.20	1	10/29/22 19:16	
1,1-Dichloroethene (1,1-DCE)	**2.1**	1.0	0.20	1	10/29/22 19:16	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/29/22 19:16	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/29/22 19:16	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/29/22 19:16	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,4-Dioxane	40 U	40	13	1	10/29/22 19:16	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/29/22 19:16	
2-Hexanone	5.0 U	5.0	0.20	1	10/29/22 19:16	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/29/22 19:16	
Acetone	5.0 U	5.0	5.0	1	10/29/22 19:16	
Benzene	1.0 U	1.0	0.20	1	10/29/22 19:16	
Bromochloromethane	1.0 U	1.0	0.20	1	10/29/22 19:16	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/29/22 19:16	
Bromoform	1.0 U	1.0	0.25	1	10/29/22 19:16	
Bromomethane	1.0 U	1.0	0.70	1	10/29/22 19:16	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/29/22 19:16	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/29/22 19:16	
Chlorobenzene	1.0 U	1.0	0.20	1	10/29/22 19:16	
Chloroethane	1.0 U	1.0	0.23	1	10/29/22 19:16	
Chloroform	1.0 U	1.0	0.24	1	10/29/22 19:16	
Chloromethane	1.0 U	1.0	0.28	1	10/29/22 19:16	
Cyclohexane	1.0 U	1.0	0.26	1	10/29/22 19:16	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/29/22 19:16	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/29/22 19:16	
Dichloromethane	1.0 U	1.0	0.65	1	10/29/22 19:16	
Ethylbenzene	1.0 U	1.0	0.20	1	10/29/22 19:16	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/29/22 19:16	
Methyl Acetate	2.0 U	2.0	0.33	1	10/29/22 19:16	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/29/22 19:16	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/29/22 19:16	
Styrene	1.0 U	1.0	0.20	1	10/29/22 19:16	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/29/22 19:16	
Toluene	1.0 U	1.0	0.20	1	10/29/22 19:16	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 08:00
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R2210017-004	**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)	**39**	1.0	0.20	1	10/29/22 19:16	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/29/22 19:16	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/29/22 19:16	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/29/22 19:16	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/29/22 19:16	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/29/22 19:16	
o-Xylene	1.0 U	1.0	0.20	1	10/29/22 19:16	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/29/22 19:16	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/29/22 19:16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/29/22 19:16	
Dibromofluoromethane	98	80 - 116	10/29/22 19:16	
Toluene-d8	98	87 - 121	10/29/22 19:16	

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 08:15
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	SC-1	**Units:**	ug/L
Lab Code:	R2210017-005	**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)	**5.0**	1.0	0.20	1	10/29/22 19:38	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,1-Dichloroethane (1,1-DCA)	**0.37 J**	1.0	0.20	1	10/29/22 19:38	
1,1-Dichloroethene (1,1-DCE)	**1.0**	1.0	0.20	1	10/29/22 19:38	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/29/22 19:38	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/29/22 19:38	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/29/22 19:38	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,4-Dioxane	40 U	40	13	1	10/29/22 19:38	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/29/22 19:38	
2-Hexanone	5.0 U	5.0	0.20	1	10/29/22 19:38	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/29/22 19:38	
Acetone	5.0 U	5.0	5.0	1	10/29/22 19:38	
Benzene	1.0 U	1.0	0.20	1	10/29/22 19:38	
Bromochloromethane	1.0 U	1.0	0.20	1	10/29/22 19:38	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/29/22 19:38	
Bromoform	1.0 U	1.0	0.25	1	10/29/22 19:38	
Bromomethane	1.0 U	1.0	0.70	1	10/29/22 19:38	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/29/22 19:38	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/29/22 19:38	
Chlorobenzene	1.0 U	1.0	0.20	1	10/29/22 19:38	
Chloroethane	1.0 U	1.0	0.23	1	10/29/22 19:38	
Chloroform	1.0 U	1.0	0.24	1	10/29/22 19:38	
Chloromethane	1.0 U	1.0	0.28	1	10/29/22 19:38	
Cyclohexane	1.0 U	1.0	0.26	1	10/29/22 19:38	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/29/22 19:38	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/29/22 19:38	
Dichloromethane	1.0 U	1.0	0.65	1	10/29/22 19:38	
Ethylbenzene	1.0 U	1.0	0.20	1	10/29/22 19:38	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/29/22 19:38	
Methyl Acetate	2.0 U	2.0	0.33	1	10/29/22 19:38	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/29/22 19:38	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/29/22 19:38	
Styrene	1.0 U	1.0	0.20	1	10/29/22 19:38	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/29/22 19:38	
Toluene	1.0 U	1.0	0.20	1	10/29/22 19:38	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 08:15
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	SC-1	**Units:**	ug/L
Lab Code:	R2210017-005	**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)	**30**	1.0	0.20	1	10/29/22 19:38	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/29/22 19:38	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/29/22 19:38	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/29/22 19:38	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/29/22 19:38	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/29/22 19:38	
o-Xylene	1.0 U	1.0	0.20	1	10/29/22 19:38	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/29/22 19:38	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/29/22 19:38	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	10/29/22 19:38	
Dibromofluoromethane	99	80 - 116	10/29/22 19:38	
Toluene-d8	98	87 - 121	10/29/22 19:38	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 08:50
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-15	**Units:**	ug/L
Lab Code:	R2210017-006	**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	10/29/22 20:00	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,1-Dichloroethene (1,1-DCE)	**1.9**	1.0	0.20	1	10/29/22 20:00	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/29/22 20:00	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/29/22 20:00	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/29/22 20:00	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,4-Dioxane	40 U	40	13	1	10/29/22 20:00	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/29/22 20:00	
2-Hexanone	5.0 U	5.0	0.20	1	10/29/22 20:00	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/29/22 20:00	
Acetone	5.0 U	5.0	5.0	1	10/29/22 20:00	
Benzene	1.0 U	1.0	0.20	1	10/29/22 20:00	
Bromochloromethane	1.0 U	1.0	0.20	1	10/29/22 20:00	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/29/22 20:00	
Bromoform	1.0 U	1.0	0.25	1	10/29/22 20:00	
Bromomethane	1.0 U	1.0	0.70	1	10/29/22 20:00	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/29/22 20:00	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/29/22 20:00	
Chlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:00	
Chloroethane	1.0 U	1.0	0.23	1	10/29/22 20:00	
Chloroform	1.0 U	1.0	0.24	1	10/29/22 20:00	
Chloromethane	1.0 U	1.0	0.28	1	10/29/22 20:00	
Cyclohexane	1.0 U	1.0	0.26	1	10/29/22 20:00	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/29/22 20:00	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/29/22 20:00	
Dichloromethane	1.0 U	1.0	0.65	1	10/29/22 20:00	
Ethylbenzene	1.0 U	1.0	0.20	1	10/29/22 20:00	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/29/22 20:00	
Methyl Acetate	2.0 U	2.0	0.33	1	10/29/22 20:00	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/29/22 20:00	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/29/22 20:00	
Styrene	1.0 U	1.0	0.20	1	10/29/22 20:00	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/29/22 20:00	
Toluene	1.0 U	1.0	0.20	1	10/29/22 20:00	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 08:50
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-15	**Units:**	ug/L
Lab Code:	R2210017-006	**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)	**1.6**	1.0	0.20	1	10/29/22 20:00	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/29/22 20:00	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/29/22 20:00	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/29/22 20:00	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/29/22 20:00	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/29/22 20:00	
o-Xylene	1.0 U	1.0	0.20	1	10/29/22 20:00	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/29/22 20:00	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/29/22 20:00	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	10/29/22 20:00	
Dibromofluoromethane	100	80 - 116	10/29/22 20:00	
Toluene-d8	101	87 - 121	10/29/22 20:00	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 09:00
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2210017-007	**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)	**33**	1.0	0.20	1	10/29/22 20:22	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,1-Dichloroethene (1,1-DCE)	**4.6**	1.0	0.20	1	10/29/22 20:22	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/29/22 20:22	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/29/22 20:22	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/29/22 20:22	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,4-Dioxane	40 U	40	13	1	10/29/22 20:22	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/29/22 20:22	
2-Hexanone	5.0 U	5.0	0.20	1	10/29/22 20:22	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/29/22 20:22	
Acetone	5.0 U	5.0	5.0	1	10/29/22 20:22	
Benzene	1.0 U	1.0	0.20	1	10/29/22 20:22	
Bromochloromethane	1.0 U	1.0	0.20	1	10/29/22 20:22	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/29/22 20:22	
Bromoform	1.0 U	1.0	0.25	1	10/29/22 20:22	
Bromomethane	1.0 U	1.0	0.70	1	10/29/22 20:22	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/29/22 20:22	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/29/22 20:22	
Chlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:22	
Chloroethane	1.0 U	1.0	0.23	1	10/29/22 20:22	
Chloroform	1.0 U	1.0	0.24	1	10/29/22 20:22	
Chloromethane	1.0 U	1.0	0.28	1	10/29/22 20:22	
Cyclohexane	1.0 U	1.0	0.26	1	10/29/22 20:22	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/29/22 20:22	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/29/22 20:22	
Dichloromethane	1.0 U	1.0	0.65	1	10/29/22 20:22	
Ethylbenzene	1.0 U	1.0	0.20	1	10/29/22 20:22	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/29/22 20:22	
Methyl Acetate	2.0 U	2.0	0.33	1	10/29/22 20:22	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/29/22 20:22	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/29/22 20:22	
Styrene	1.0 U	1.0	0.20	1	10/29/22 20:22	
Tetrachloroethene (PCE)	**0.28 J**	1.0	0.21	1	10/29/22 20:22	
Toluene	1.0 U	1.0	0.20	1	10/29/22 20:22	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 09:00
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2210017-007	**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)	**40**	1.0	0.20	1	10/29/22 20:22	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/29/22 20:22	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/29/22 20:22	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/29/22 20:22	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/29/22 20:22	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/29/22 20:22	
o-Xylene	1.0 U	1.0	0.20	1	10/29/22 20:22	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/29/22 20:22	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/29/22 20:22	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/29/22 20:22	
Dibromofluoromethane	97	80 - 116	10/29/22 20:22	
Toluene-d8	97	87 - 121	10/29/22 20:22	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 09:10
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-14	**Units:**	ug/L
Lab Code:	R2210017-008	**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)	**10**	1.0	0.20	1	10/31/22 15:40	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,1-Dichloroethene (1,1-DCE)	**1.0**	1.0	0.20	1	10/31/22 15:40	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 15:40	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 15:40	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 15:40	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,4-Dioxane	40 U	40	13	1	10/31/22 15:40	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 15:40	
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 15:40	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 15:40	
Acetone	5.0 U	5.0	5.0	1	10/31/22 15:40	
Benzene	1.0 U	1.0	0.20	1	10/31/22 15:40	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 15:40	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/31/22 15:40	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 15:40	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 15:40	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 15:40	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 15:40	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 15:40	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 15:40	
Chloroform	1.0 U	1.0	0.24	1	10/31/22 15:40	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 15:40	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 15:40	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 15:40	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 15:40	
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 15:40	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 15:40	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 15:40	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 15:40	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 15:40	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 15:40	
Styrene	1.0 U	1.0	0.20	1	10/31/22 15:40	
Tetrachloroethene (PCE)	**0.63 J**	1.0	0.21	1	10/31/22 15:40	
Toluene	1.0 U	1.0	0.20	1	10/31/22 15:40	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 09:10
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-14	**Units:**	ug/L
Lab Code:	R2210017-008	**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)	**45**	1.0	0.20	1	10/31/22 15:40	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 15:40	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 15:40	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 15:40	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 15:40	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 15:40	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 15:40	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 15:40	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 15:40	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/31/22 15:40	
Dibromofluoromethane	98	80 - 116	10/31/22 15:40	
Toluene-d8	97	87 - 121	10/31/22 15:40	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 09:15
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-17S	**Units:**	ug/L
Lab Code:	R2210017-009	**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)	**3.8**	1.0	0.20	1	11/01/22 16:43	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,1,2-Trichloroethane	**0.41 J**	1.0	0.20	1	11/01/22 16:43	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,1-Dichloroethene (1,1-DCE)	**0.56 J**	1.0	0.20	1	11/01/22 16:43	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	11/01/22 16:43	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	11/01/22 16:43	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	11/01/22 16:43	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,4-Dioxane	40 U	40	13	1	11/01/22 16:43	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	11/01/22 16:43	
2-Hexanone	5.0 U	5.0	0.20	1	11/01/22 16:43	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	11/01/22 16:43	
Acetone	5.0 U	5.0	5.0	1	11/01/22 16:43	
Benzene	1.0 U	1.0	0.20	1	11/01/22 16:43	
Bromochloromethane	1.0 U	1.0	0.20	1	11/01/22 16:43	
Bromodichloromethane	1.0 U	1.0	0.20	1	11/01/22 16:43	
Bromoform	1.0 U	1.0	0.25	1	11/01/22 16:43	
Bromomethane	1.0 U	1.0	0.70	1	11/01/22 16:43	
Carbon Disulfide	1.0 U	1.0	0.42	1	11/01/22 16:43	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	11/01/22 16:43	
Chlorobenzene	1.0 U	1.0	0.20	1	11/01/22 16:43	
Chloroethane	1.0 U	1.0	0.23	1	11/01/22 16:43	
Chloroform	1.0 U	1.0	0.24	1	11/01/22 16:43	
Chloromethane	**0.33 BJ**	1.0	0.28	1	11/01/22 16:43	
Cyclohexane	1.0 U	1.0	0.26	1	11/01/22 16:43	
Dibromochloromethane	1.0 U	1.0	0.20	1	11/01/22 16:43	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	11/01/22 16:43	
Dichloromethane	1.0 U	1.0	0.65	1	11/01/22 16:43	
Ethylbenzene	1.0 U	1.0	0.20	1	11/01/22 16:43	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	11/01/22 16:43	
Methyl Acetate	**0.59 BJ**	2.0	0.33	1	11/01/22 16:43	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	11/01/22 16:43	
Methylcyclohexane	1.0 U	1.0	0.20	1	11/01/22 16:43	
Styrene	1.0 U	1.0	0.20	1	11/01/22 16:43	
Tetrachloroethene (PCE)	**0.27 J**	1.0	0.21	1	11/01/22 16:43	
Toluene	**0.23 J**	1.0	0.20	1	11/01/22 16:43	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 09:15
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-17S	**Units:**	ug/L
Lab Code:	R2210017-009	**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)	**96**	1.0	0.20	1	11/01/22 16:43	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	11/01/22 16:43	
Vinyl Chloride	1.0 U	1.0	0.20	1	11/01/22 16:43	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	11/01/22 16:43	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	11/01/22 16:43	
m,p-Xylenes	2.0 U	2.0	0.20	1	11/01/22 16:43	
o-Xylene	1.0 U	1.0	0.20	1	11/01/22 16:43	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	11/01/22 16:43	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	11/01/22 16:43	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	11/01/22 16:43	
Dibromofluoromethane	98	80 - 116	11/01/22 16:43	
Toluene-d8	98	87 - 121	11/01/22 16:43	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 09:30
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-16	**Units:**	ug/L
Lab Code:	R2210017-010	**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	10/31/22 16:24	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.56 J**	1.0	0.20	1	10/31/22 16:24	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,1-Dichloroethene (1,1-DCE)	**2.5**	1.0	0.20	1	10/31/22 16:24	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 16:24	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 16:24	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 16:24	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,4-Dioxane	40 U	40	13	1	10/31/22 16:24	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 16:24	
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 16:24	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 16:24	
Acetone	5.0 U	5.0	5.0	1	10/31/22 16:24	
Benzene	1.0 U	1.0	0.20	1	10/31/22 16:24	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 16:24	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/31/22 16:24	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 16:24	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 16:24	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 16:24	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 16:24	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:24	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 16:24	
Chloroform	1.0 U	1.0	0.24	1	10/31/22 16:24	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 16:24	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 16:24	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 16:24	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 16:24	
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 16:24	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 16:24	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 16:24	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 16:24	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 16:24	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 16:24	
Styrene	1.0 U	1.0	0.20	1	10/31/22 16:24	
Tetrachloroethene (PCE)	**0.40 J**	1.0	0.21	1	10/31/22 16:24	
Toluene	1.0 U	1.0	0.20	1	10/31/22 16:24	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 09:30
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-16	**Units:**	ug/L
Lab Code:	R2210017-010	**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)	**130**	1.0	0.20	1	10/31/22 16:24	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 16:24	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 16:24	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 16:24	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 16:24	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 16:24	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 16:24	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 16:24	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 16:24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	10/31/22 16:24	
Dibromofluoromethane	98	80 - 116	10/31/22 16:24	
Toluene-d8	99	87 - 121	10/31/22 16:24	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 10:00
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-26	**Units:**	ug/L
Lab Code:	R2210017-011	**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)	**6.4**	1.0	0.20	1	10/31/22 16:46	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.94 J**	1.0	0.20	1	10/31/22 16:46	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,1-Dichloroethene (1,1-DCE)	**1.2**	1.0	0.20	1	10/31/22 16:46	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 16:46	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 16:46	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 16:46	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,4-Dioxane	40 U	40	13	1	10/31/22 16:46	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 16:46	
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 16:46	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 16:46	
Acetone	**5.1**	5.0	5.0	1	10/31/22 16:46	
Benzene	1.0 U	1.0	0.20	1	10/31/22 16:46	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 16:46	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/31/22 16:46	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 16:46	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 16:46	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 16:46	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 16:46	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:46	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 16:46	
Chloroform	1.0 U	1.0	0.24	1	10/31/22 16:46	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 16:46	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 16:46	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 16:46	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 16:46	
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 16:46	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 16:46	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 16:46	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 16:46	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 16:46	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 16:46	
Styrene	1.0 U	1.0	0.20	1	10/31/22 16:46	
Tetrachloroethene (PCE)	**2.4**	1.0	0.21	1	10/31/22 16:46	
Toluene	1.0 U	1.0	0.20	1	10/31/22 16:46	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 10:00
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-26	**Units:**	ug/L
Lab Code:	R2210017-011	**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)	**110**	1.0	0.20	1	10/31/22 16:46	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 16:46	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 16:46	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 16:46	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 16:46	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 16:46	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 16:46	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 16:46	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 16:46	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	10/31/22 16:46	
Dibromofluoromethane	98	80 - 116	10/31/22 16:46	
Toluene-d8	98	87 - 121	10/31/22 16:46	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 10:15
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	SS-G MW-3	**Units:**	ug/L
Lab Code:	R2210017-012	**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)	**4.3**	1.0	0.20	1	10/31/22 16:02	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,1-Dichloroethene (1,1-DCE)	**0.63 J**	1.0	0.20	1	10/31/22 16:02	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 16:02	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 16:02	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 16:02	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,4-Dioxane	40 U	40	13	1	10/31/22 16:02	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 16:02	
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 16:02	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 16:02	
Acetone	5.0 U	5.0	5.0	1	10/31/22 16:02	
Benzene	1.0 U	1.0	0.20	1	10/31/22 16:02	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 16:02	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/31/22 16:02	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 16:02	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 16:02	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 16:02	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 16:02	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:02	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 16:02	
Chloroform	1.0 U	1.0	0.24	1	10/31/22 16:02	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 16:02	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 16:02	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 16:02	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 16:02	
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 16:02	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 16:02	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 16:02	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 16:02	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 16:02	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 16:02	
Styrene	1.0 U	1.0	0.20	1	10/31/22 16:02	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/31/22 16:02	
Toluene	1.0 U	1.0	0.20	1	10/31/22 16:02	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 10:15
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	SS-G MW-3	**Units:**	ug/L
Lab Code:	R2210017-012	**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)	**9.5**	1.0	0.20	1	10/31/22 16:02	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 16:02	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 16:02	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 16:02	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 16:02	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 16:02	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 16:02	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 16:02	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 16:02	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	10/31/22 16:02	
Dibromofluoromethane	100	80 - 116	10/31/22 16:02	
Toluene-d8	100	87 - 121	10/31/22 16:02	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 12:00
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	DUP101922A	**Units:**	ug/L
Lab Code:	R2210017-013	**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)	**5.1**	1.0	0.20	1	10/31/22 15:18	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,1-Dichloroethane (1,1-DCA)	**0.36 J**	1.0	0.20	1	10/31/22 15:18	
1,1-Dichloroethene (1,1-DCE)	**1.0**	1.0	0.20	1	10/31/22 15:18	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 15:18	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 15:18	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 15:18	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,4-Dioxane	40 U	40	13	1	10/31/22 15:18	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 15:18	
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 15:18	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 15:18	
Acetone	5.0 U	5.0	5.0	1	10/31/22 15:18	
Benzene	1.0 U	1.0	0.20	1	10/31/22 15:18	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 15:18	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/31/22 15:18	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 15:18	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 15:18	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 15:18	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 15:18	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 15:18	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 15:18	
Chloroform	1.0 U	1.0	0.24	1	10/31/22 15:18	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 15:18	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 15:18	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 15:18	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 15:18	
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 15:18	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 15:18	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 15:18	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 15:18	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 15:18	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 15:18	
Styrene	1.0 U	1.0	0.20	1	10/31/22 15:18	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/31/22 15:18	
Toluene	1.0 U	1.0	0.20	1	10/31/22 15:18	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 12:00
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	DUP101922A	**Units:**	ug/L
Lab Code:	R2210017-013	**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)	**31**	1.0	0.20	1	10/31/22 15:18	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 15:18	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 15:18	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 15:18	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 15:18	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 15:18	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 15:18	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 15:18	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 15:18	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/31/22 15:18	
Dibromofluoromethane	97	80 - 116	10/31/22 15:18	
Toluene-d8	98	87 - 121	10/31/22 15:18	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 12:10
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	DUP101922B	**Units:**	ug/L
Lab Code:	R2210017-014	**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	10/31/22 17:08	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.98 J**	1.0	0.20	1	10/31/22 17:08	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,1-Dichloroethene (1,1-DCE)	**1.2**	1.0	0.20	1	10/31/22 17:08	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 17:08	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 17:08	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 17:08	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,4-Dioxane	40 U	40	13	1	10/31/22 17:08	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 17:08	
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 17:08	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 17:08	
Acetone	5.0 U	5.0	5.0	1	10/31/22 17:08	
Benzene	1.0 U	1.0	0.20	1	10/31/22 17:08	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 17:08	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/31/22 17:08	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 17:08	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 17:08	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 17:08	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 17:08	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 17:08	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 17:08	
Chloroform	1.0 U	1.0	0.24	1	10/31/22 17:08	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 17:08	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 17:08	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 17:08	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 17:08	
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 17:08	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 17:08	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 17:08	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 17:08	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 17:08	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 17:08	
Styrene	1.0 U	1.0	0.20	1	10/31/22 17:08	
Tetrachloroethene (PCE)	**2.1**	1.0	0.21	1	10/31/22 17:08	
Toluene	1.0 U	1.0	0.20	1	10/31/22 17:08	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 12:10
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	DUP101922B	**Units:**	ug/L
Lab Code:	R2210017-014	**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)	**110**	1.0	0.20	1	10/31/22 17:08	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 17:08	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 17:08	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 17:08	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 17:08	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 17:08	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 17:08	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 17:08	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 17:08	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	10/31/22 17:08	
Dibromofluoromethane	98	80 - 116	10/31/22 17:08	
Toluene-d8	99	87 - 121	10/31/22 17:08	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 08:25
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	EB101922	**Units:**	ug/L
Lab Code:	R2210017-015	**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	10/31/22 14:34	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 14:34	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 14:34	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 14:34	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,4-Dioxane	40 U	40	13	1	10/31/22 14:34	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 14:34	
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 14:34	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 14:34	
Acetone	5.0 U	5.0	5.0	1	10/31/22 14:34	
Benzene	1.0 U	1.0	0.20	1	10/31/22 14:34	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 14:34	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/31/22 14:34	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 14:34	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 14:34	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 14:34	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 14:34	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 14:34	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 14:34	
Chloroform	1.0 U	1.0	0.24	1	10/31/22 14:34	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 14:34	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 14:34	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 14:34	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 14:34	
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 14:34	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 14:34	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 14:34	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 14:34	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 14:34	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 14:34	
Styrene	1.0 U	1.0	0.20	1	10/31/22 14:34	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/31/22 14:34	
Toluene	1.0 U	1.0	0.20	1	10/31/22 14:34	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 08:25
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	EB101922	**Units:**	ug/L
Lab Code:	R2210017-015	**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	10/31/22 14:34	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 14:34	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 14:34	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 14:34	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 14:34	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 14:34	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 14:34	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 14:34	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 14:34	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	10/31/22 14:34	
Dibromofluoromethane	98	80 - 116	10/31/22 14:34	
Toluene-d8	98	87 - 121	10/31/22 14:34	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	VOC Trip Blank	**Units:**	ug/L
Lab Code:	R2210017-016	**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	10/31/22 14:56	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 14:56	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 14:56	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 14:56	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,4-Dioxane	40 U	40	13	1	10/31/22 14:56	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 14:56	
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 14:56	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 14:56	
Acetone	5.0 U	5.0	5.0	1	10/31/22 14:56	
Benzene	1.0 U	1.0	0.20	1	10/31/22 14:56	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 14:56	
Bromodichloromethane	**0.94 J**	1.0	0.20	1	10/31/22 14:56	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 14:56	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 14:56	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 14:56	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 14:56	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 14:56	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 14:56	
Chloroform	**1.3**	1.0	0.24	1	10/31/22 14:56	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 14:56	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 14:56	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 14:56	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 14:56	
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 14:56	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 14:56	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 14:56	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 14:56	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 14:56	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 14:56	
Styrene	1.0 U	1.0	0.20	1	10/31/22 14:56	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/31/22 14:56	
Toluene	1.0 U	1.0	0.20	1	10/31/22 14:56	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	VOC Trip Blank	**Units:**	ug/L
Lab Code:	R2210017-016	**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	10/31/22 14:56	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 14:56	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 14:56	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 14:56	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 14:56	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 14:56	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 14:56	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 14:56	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 14:56	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/31/22 14:56	
Dibromofluoromethane	96	80 - 116	10/31/22 14:56	
Toluene-d8	97	87 - 121	10/31/22 14:56	

QC Summary Forms

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

Volatile Organic Compounds by GC/MS

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

Client: Marks Engineering, PC **Service Request:** R2210017
Project: DLS Modock Road Springs/22-021
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	R2210017-001	98	100	99
MW-10	R2210017-002	97	99	98
MW-24S	R2210017-003	97	98	99
MW-4	R2210017-004	97	98	98
SC-1	R2210017-005	98	99	98
MW-15	R2210017-006	99	100	101
MW-13	R2210017-007	96	97	97
MW-14	R2210017-008	97	98	97
MW-17S	R2210017-009	98	98	98
MW-16	R2210017-010	98	98	99
MW-26	R2210017-011	98	98	98
SS-G MW-3	R2210017-012	100	100	100
DUP101922A	R2210017-013	96	97	98
DUP101922B	R2210017-014	98	98	99
EB101922	R2210017-015	98	98	98
VOC Trip Blank	R2210017-016	94	96	97
Method Blank	RQ2213492-04	97	97	98
Method Blank	RQ2213611-04	96	97	97
Method Blank	RQ2213674-04	99	100	100
Lab Control Sample	RQ2213492-03	100	98	100
Lab Control Sample	RQ2213611-03	100	98	99
Lab Control Sample	RQ2213674-03	254*	251*	254*
MW-10 MS	RQ2213492-05	100	97	99
MW-10 DMS	RQ2213492-06	98	97	98
DUP101922A MS	RQ2213611-05	98	97	97
DUP101922A DMS	RQ2213611-06	98	97	97

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22
Sample Matrix:	Water	**Date Received:**	10/19/22
		Date Analyzed:	10/29/22
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2210017-002	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike RQ2213492-05			Duplicate Matrix Spike RQ2213492-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	1.5	52.8	50.0	103	52.7	50.0	102	74-127	<1	30
1,1,2,2-Tetrachloroethane	1.0 U	50.7	50.0	101	51.9	50.0	104	72-122	2	30
1,1,2-Trichloroethane	1.0 U	53.1	50.0	106	53.3	50.0	107	82-121	<1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	44.6	50.0	89	44.9	50.0	90	50-147	<1	30
1,1-Dichloroethane (1,1-DCA)	1.0 U	49.9	50.0	100	49.6	50.0	99	74-132	<1	30
1,1-Dichloroethene (1,1-DCE)	1.0 U	50.6	50.0	101	50.1	50.0	100	71-118	<1	30
1,2,3-Trichlorobenzene	1.0 U	49.7	50.0	99	51.5	50.0	103	59-129	4	30
1,2,4-Trichlorobenzene	1.0 U	49.2	50.0	98	51.1	50.0	102	69-122	4	30
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	56.3	50.0	113	59.2	50.0	118	37-150	5	30
1,2-Dibromoethane	1.0 U	55.2	50.0	110	55.3	50.0	111	67-127	<1	30
1,2-Dichlorobenzene	1.0 U	49.6	50.0	99	50.3	50.0	101	77-120	1	30
1,2-Dichloroethane	1.0 U	50.7	50.0	101	50.7	50.0	101	68-130	<1	30
1,2-Dichloropropane	1.0 U	53.0	50.0	106	52.7	50.0	105	79-124	<1	30
1,3-Dichlorobenzene	1.0 U	50.2	50.0	100	51.1	50.0	102	83-121	2	30
1,4-Dichlorobenzene	1.0 U	49.3	50.0	99	50.4	50.0	101	82-120	2	30
1,4-Dioxane	40 U	1110	1000	111	1110	1000	111	44-154	<1	30
2-Butanone (MEK)	5.0 U	43.0	50.0	86	45.4	50.0	91	61-137	6	30
2-Hexanone	5.0 U	50.8	50.0	102	56.1	50.0	112	56-132	10	30
4-Methyl-2-pentanone	5.0 U	49.4	50.0	99	53.4	50.0	107	60-141	8	30
Acetone	5.0 U	47.8	50.0	96	51.0	50.0	102	35-183	6	30
Benzene	1.0 U	52.6	50.0	105	53.1	50.0	106	76-129	1	30
Bromochloromethane	1.0 U	48.4	50.0	97	48.9	50.0	98	80-122	<1	30
Bromodichloromethane	1.0 U	50.6	50.0	101	50.8	50.0	102	78-133	<1	30
Bromoform	1.0 U	60.0	50.0	120	60.2	50.0	120	58-133	<1	30
Bromomethane	1.0 U	53.4	50.0	107	53.6	50.0	107	10-184	<1	30
Carbon Disulfide	1.0 U	42.5	50.0	85	45.9	50.0	92	59-140	7	30
Carbon Tetrachloride	1.0 U	55.9	50.0	112	56.5	50.0	113	65-135	1	30
Chlorobenzene	1.0 U	50.7	50.0	101	51.1	50.0	102	76-125	<1	30
Chloroethane	1.0 U	48.2	50.0	96	46.3	50.0	93	48-146	4	30
Chloroform	1.0 U	46.9	50.0	94	46.5	50.0	93	75-130	<1	30
Chloromethane	1.0 U	42.3	50.0	85	42.2	50.0	84	55-160	<1	30
Cyclohexane	1.0 U	44.6	50.0	89	45.8	50.0	92	52-145	3	30
Dibromochloromethane	1.0 U	55.6	50.0	111	56.3	50.0	113	72-128	1	30

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Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22
Sample Matrix:	Water	**Date Received:**	10/19/22
		Date Analyzed:	10/29/22
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2210017-002	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike RQ2213492-05			Duplicate Matrix Spike RQ2213492-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Dichlorodifluoromethane (CFC 12)	1.0 U	29.2	50.0	58	28.6	50.0	57	49-154	2	30
Dichloromethane	1.0 U	47.4	50.0	95	46.9	50.0	94	73-122	1	30
Ethylbenzene	1.0 U	57.0	50.0	114	57.1	50.0	114	72-134	<1	30
Isopropylbenzene (Cumene)	1.0 U	58.3	50.0	117	58.0	50.0	116	77-128	<1	30
Methyl Acetate	2.0 U	35.2	50.0	70	35.2	50.0	70	26-121	<1	30
Methyl tert-Butyl Ether	1.0 U	50.6	50.0	101	50.6	50.0	101	75-119	<1	30
Methylcyclohexane	1.0 U	46.0	50.0	92	47.0	50.0	94	45-146	2	30
Styrene	1.0 U	58.6	50.0	117	58.9	50.0	118	74-136	<1	30
Tetrachloroethene (PCE)	1.0 U	54.7	50.0	109	55.1	50.0	110	72-125	<1	30
Toluene	1.0 U	53.6	50.0	107	54.4	50.0	109	79-119	2	30
Trichloroethene (TCE)	0.37 J	52.2	50.0	104	53.2	50.0	106	74-122	2	30
Trichlorofluoromethane (CFC 11)	1.0 U	48.0	50.0	96	47.9	50.0	96	71-136	<1	30
Vinyl Chloride	1.0 U	40.4	50.0	81	39.2	50.0	78	74-159	3	30
cis-1,2-Dichloroethene	1.0 U	47.9	50.0	96	47.9	50.0	96	77-127	<1	30
cis-1,3-Dichloropropene	1.0 U	54.6	50.0	109	55.2	50.0	110	52-134	1	30
m,p-Xylenes	2.0 U	115	100	115	116	100	116	80-126	<1	30
o-Xylene	1.0 U	56.6	50.0	113	57.0	50.0	114	79-123	<1	30
trans-1,2-Dichloroethene	1.0 U	49.4	50.0	99	49.0	50.0	98	73-118	<1	30
trans-1,3-Dichloropropene	1.0 U	56.5	50.0	113	56.5	50.0	113	71-133	<1	30

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Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22
Sample Matrix:	Water	**Date Received:**	10/19/22
		Date Analyzed:	10/31/22
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	DUP101922A	**Units:**	ug/L
Lab Code:	R2210017-013	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ2213611-05			RQ2213611-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	5.1	53.3	50.0	96	53.0	50.0	96	74-127	<1	30
1,1,2,2-Tetrachloroethane	1.0 U	49.2	50.0	98	51.0	50.0	102	72-122	4	30
1,1,2-Trichloroethane	1.0 U	50.8	50.0	102	50.5	50.0	101	82-121	<1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	42.9	50.0	86	41.3	50.0	83	50-147	4	30
1,1-Dichloroethane (1,1-DCA)	0.36 J	47.7	50.0	95	47.0	50.0	93	74-132	1	30
1,1-Dichloroethene (1,1-DCE)	1.0	48.0	50.0	94	46.3	50.0	91	71-118	4	30
1,2,3-Trichlorobenzene	1.0 U	48.2	50.0	96	49.0	50.0	98	59-129	2	30
1,2,4-Trichlorobenzene	1.0 U	48.9	50.0	98	49.4	50.0	99	69-122	1	30
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	54.7	50.0	109	59.7	50.0	119	37-150	9	30
1,2-Dibromoethane	1.0 U	52.5	50.0	105	53.1	50.0	106	67-127	1	30
1,2-Dichlorobenzene	1.0 U	49.1	50.0	98	48.3	50.0	97	77-120	2	30
1,2-Dichloroethane	1.0 U	48.2	50.0	96	48.1	50.0	96	68-130	<1	30
1,2-Dichloropropane	1.0 U	50.1	50.0	100	49.3	50.0	99	79-124	2	30
1,3-Dichlorobenzene	1.0 U	49.0	50.0	98	49.6	50.0	99	83-121	1	30
1,4-Dichlorobenzene	1.0 U	49.0	50.0	98	48.5	50.0	97	82-120	<1	30
1,4-Dioxane	40 U	1050	1000	105	1100	1000	110	44-154	5	30
2-Butanone (MEK)	5.0 U	43.2	50.0	86	47.3	50.0	95	61-137	9	30
2-Hexanone	5.0 U	52.5	50.0	105	56.2	50.0	112	56-132	7	30
4-Methyl-2-pentanone	5.0 U	50.2	50.0	100	53.2	50.0	106	60-141	6	30
Acetone	5.0 U	42.3	50.0	85	46.3	50.0	93	35-183	9	30
Benzene	1.0 U	50.1	50.0	100	49.2	50.0	98	76-129	2	30
Bromochloromethane	1.0 U	47.1	50.0	94	46.4	50.0	93	80-122	1	30
Bromodichloromethane	1.0 U	48.2	50.0	96	47.3	50.0	95	78-133	2	30
Bromoform	1.0 U	56.8	50.0	114	58.4	50.0	117	58-133	3	30
Bromomethane	1.0 U	48.5	50.0	97	47.5	50.0	95	10-184	2	30
Carbon Disulfide	1.0 U	44.6	50.0	89	43.1	50.0	86	59-140	3	30
Carbon Tetrachloride	1.0 U	52.9	50.0	106	51.8	50.0	104	65-135	2	30
Chlorobenzene	1.0 U	49.5	50.0	99	48.9	50.0	98	76-125	1	30
Chloroethane	1.0 U	43.0	50.0	86	41.6	50.0	83	48-146	3	30
Chloroform	1.0 U	44.7	50.0	89	44.0	50.0	88	75-130	2	30
Chloromethane	1.0 U	35.8	50.0	72	33.9	50.0	68	55-160	5	30
Cyclohexane	1.0 U	46.3	50.0	93	43.6	50.0	87	52-145	6	30
Dibromochloromethane	1.0 U	52.8	50.0	106	53.3	50.0	107	72-128	<1	30

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Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22
Sample Matrix:	Water	**Date Received:**	10/19/22
		Date Analyzed:	10/31/22
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	DUP101922A	**Units:**	ug/L
Lab Code:	R2210017-013	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike RQ2213611-05			Duplicate Matrix Spike RQ2213611-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Dichlorodifluoromethane (CFC 12)	1.0 U	21.2	50.0	42 *	19.7	50.0	39 *	49-154	7	30
Dichloromethane	1.0 U	44.4	50.0	89	44.7	50.0	89	73-122	<1	30
Ethylbenzene	1.0 U	54.3	50.0	109	53.8	50.0	108	72-134	<1	30
Isopropylbenzene (Cumene)	1.0 U	55.4	50.0	111	54.5	50.0	109	77-128	1	30
Methyl Acetate	2.0 U	39.3	50.0	79	41.4	50.0	83	26-121	5	30
Methyl tert-Butyl Ether	1.0 U	47.7	50.0	95	48.8	50.0	98	75-119	2	30
Methylcyclohexane	1.0 U	47.1	50.0	94	45.0	50.0	90	45-146	5	30
Styrene	1.0 U	56.2	50.0	112	56.2	50.0	112	74-136	<1	30
Tetrachloroethene (PCE)	1.0 U	53.1	50.0	106	52.8	50.0	106	72-125	<1	30
Toluene	1.0 U	51.7	50.0	103	50.6	50.0	101	79-119	2	30
Trichloroethene (TCE)	31	80.5	50.0	100	78.9	50.0	97	74-122	2	30
Trichlorofluoromethane (CFC 11)	1.0 U	44.0	50.0	88	42.3	50.0	85	71-136	4	30
Vinyl Chloride	1.0 U	34.8	50.0	70 *	33.4	50.0	67 *	74-159	4	30
cis-1,2-Dichloroethene	1.0 U	45.8	50.0	92	45.6	50.0	91	77-127	<1	30
cis-1,3-Dichloropropene	1.0 U	53.8	50.0	108	53.5	50.0	107	52-134	<1	30
m,p-Xylenes	2.0 U	110	100	110	110	100	110	80-126	<1	30
o-Xylene	1.0 U	53.9	50.0	108	53.4	50.0	107	79-123	<1	30
trans-1,2-Dichloroethene	1.0 U	47.1	50.0	94	45.8	50.0	92	73-118	3	30
trans-1,3-Dichloropropene	1.0 U	55.2	50.0	110	55.2	50.0	110	71-133	<1	30

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2213492-04	**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	10/29/22 12:45	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/29/22 12:45	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/29/22 12:45	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/29/22 12:45	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/29/22 12:45	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/29/22 12:45	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/29/22 12:45	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/29/22 12:45	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/29/22 12:45	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/29/22 12:45	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 12:45	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/29/22 12:45	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/29/22 12:45	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 12:45	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 12:45	
1,4-Dioxane	40 U	40	13	1	10/29/22 12:45	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/29/22 12:45	
2-Hexanone	5.0 U	5.0	0.20	1	10/29/22 12:45	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/29/22 12:45	
Acetone	5.0 U	5.0	5.0	1	10/29/22 12:45	
Benzene	1.0 U	1.0	0.20	1	10/29/22 12:45	
Bromochloromethane	1.0 U	1.0	0.20	1	10/29/22 12:45	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/29/22 12:45	
Bromoform	1.0 U	1.0	0.25	1	10/29/22 12:45	
Bromomethane	1.0 U	1.0	0.70	1	10/29/22 12:45	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/29/22 12:45	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/29/22 12:45	
Chlorobenzene	1.0 U	1.0	0.20	1	10/29/22 12:45	
Chloroethane	1.0 U	1.0	0.23	1	10/29/22 12:45	
Chloroform	1.0 U	1.0	0.24	1	10/29/22 12:45	
Chloromethane	1.0 U	1.0	0.28	1	10/29/22 12:45	
Cyclohexane	1.0 U	1.0	0.26	1	10/29/22 12:45	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/29/22 12:45	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/29/22 12:45	
Dichloromethane	1.0 U	1.0	0.65	1	10/29/22 12:45	
Ethylbenzene	1.0 U	1.0	0.20	1	10/29/22 12:45	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/29/22 12:45	
Methyl Acetate	2.0 U	2.0	0.33	1	10/29/22 12:45	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/29/22 12:45	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/29/22 12:45	
Styrene	1.0 U	1.0	0.20	1	10/29/22 12:45	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/29/22 12:45	
Toluene	1.0 U	1.0	0.20	1	10/29/22 12:45	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2213492-04	**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	10/29/22 12:45	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/29/22 12:45	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/29/22 12:45	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/29/22 12:45	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/29/22 12:45	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/29/22 12:45	
o-Xylene	1.0 U	1.0	0.20	1	10/29/22 12:45	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/29/22 12:45	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/29/22 12:45	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/29/22 12:45	
Dibromofluoromethane	97	80 - 116	10/29/22 12:45	
Toluene-d8	98	87 - 121	10/29/22 12:45	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2213611-04	**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	10/31/22 13:28	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 13:28	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 13:28	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/31/22 13:28	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/31/22 13:28	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/31/22 13:28	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 13:28	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 13:28	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 13:28	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 13:28	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 13:28	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 13:28	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 13:28	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 13:28	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 13:28	
1,4-Dioxane	40 U	40	13	1	10/31/22 13:28	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 13:28	
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 13:28	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 13:28	
Acetone	5.0 U	5.0	5.0	1	10/31/22 13:28	
Benzene	1.0 U	1.0	0.20	1	10/31/22 13:28	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 13:28	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/31/22 13:28	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 13:28	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 13:28	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 13:28	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 13:28	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 13:28	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 13:28	
Chloroform	1.0 U	1.0	0.24	1	10/31/22 13:28	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 13:28	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 13:28	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 13:28	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 13:28	
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 13:28	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 13:28	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 13:28	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 13:28	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 13:28	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 13:28	
Styrene	1.0 U	1.0	0.20	1	10/31/22 13:28	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/31/22 13:28	
Toluene	1.0 U	1.0	0.20	1	10/31/22 13:28	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2213611-04	**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	10/31/22 13:28	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 13:28	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 13:28	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 13:28	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 13:28	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 13:28	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 13:28	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 13:28	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 13:28	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/31/22 13:28	
Dibromofluoromethane	97	80 - 116	10/31/22 13:28	
Toluene-d8	97	87 - 121	10/31/22 13:28	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2213674-04	**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	11/01/22 16:21	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	11/01/22 16:21	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	11/01/22 16:21	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	11/01/22 16:21	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,4-Dioxane	40 U	40	13	1	11/01/22 16:21	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	11/01/22 16:21	
2-Hexanone	5.0 U	5.0	0.20	1	11/01/22 16:21	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	11/01/22 16:21	
Acetone	5.0 U	5.0	5.0	1	11/01/22 16:21	
Benzene	1.0 U	1.0	0.20	1	11/01/22 16:21	
Bromochloromethane	1.0 U	1.0	0.20	1	11/01/22 16:21	
Bromodichloromethane	1.0 U	1.0	0.20	1	11/01/22 16:21	
Bromoform	1.0 U	1.0	0.25	1	11/01/22 16:21	
Bromomethane	1.0 U	1.0	0.70	1	11/01/22 16:21	
Carbon Disulfide	1.0 U	1.0	0.42	1	11/01/22 16:21	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	11/01/22 16:21	
Chlorobenzene	1.0 U	1.0	0.20	1	11/01/22 16:21	
Chloroethane	1.0 U	1.0	0.23	1	11/01/22 16:21	
Chloroform	1.0 U	1.0	0.24	1	11/01/22 16:21	
Chloromethane	**0.37 J**	1.0	0.28	1	11/01/22 16:21	
Cyclohexane	1.0 U	1.0	0.26	1	11/01/22 16:21	
Dibromochloromethane	1.0 U	1.0	0.20	1	11/01/22 16:21	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	11/01/22 16:21	
Dichloromethane	1.0 U	1.0	0.65	1	11/01/22 16:21	
Ethylbenzene	1.0 U	1.0	0.20	1	11/01/22 16:21	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	11/01/22 16:21	
Methyl Acetate	**0.62 J**	2.0	0.33	1	11/01/22 16:21	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	11/01/22 16:21	
Methylcyclohexane	1.0 U	1.0	0.20	1	11/01/22 16:21	
Styrene	1.0 U	1.0	0.20	1	11/01/22 16:21	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	11/01/22 16:21	
Toluene	1.0 U	1.0	0.20	1	11/01/22 16:21	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2213674-04	**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	11/01/22 16:21	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	11/01/22 16:21	
Vinyl Chloride	1.0 U	1.0	0.20	1	11/01/22 16:21	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	11/01/22 16:21	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	11/01/22 16:21	
m,p-Xylenes	2.0 U	2.0	0.20	1	11/01/22 16:21	
o-Xylene	1.0 U	1.0	0.20	1	11/01/22 16:21	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	11/01/22 16:21	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	11/01/22 16:21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	11/01/22 16:21	
Dibromofluoromethane	100	80 - 116	11/01/22 16:21	
Toluene-d8	100	87 - 121	11/01/22 16:21	

Client: Marks Engineering, PC
Project: DLS Modock Road Springs/22-021
Sample Matrix: Water

Service Request: R2210017
Date Analyzed: 10/29/22

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2213492-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	19.7	20.0	98	75-125
1,1,2,2-Tetrachloroethane	8260C	19.0	20.0	95	78-126
1,1,2-Trichloroethane	8260C	20.8	20.0	104	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	18.3	20.0	91	67-124
1,1-Dichloroethane (1,1-DCA)	8260C	19.0	20.0	95	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	19.3	20.0	97	71-118
1,2,3-Trichlorobenzene	8260C	20.2	20.0	101	67-136
1,2,4-Trichlorobenzene	8260C	20.4	20.0	102	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260C	20.8	20.0	104	55-136
1,2-Dibromoethane	8260C	21.2	20.0	106	82-127
1,2-Dichlorobenzene	8260C	19.6	20.0	98	80-119
1,2-Dichloroethane	8260C	19.1	20.0	95	71-127
1,2-Dichloropropane	8260C	20.1	20.0	100	80-119
1,3-Dichlorobenzene	8260C	20.0	20.0	100	83-121
1,4-Dichlorobenzene	8260C	19.6	20.0	98	79-119
1,4-Dioxane	8260C	385	400	96	44-154
2-Butanone (MEK)	8260C	18.2	20.0	91	61-137
2-Hexanone	8260C	20.3	20.0	101	63-124
4-Methyl-2-pentanone	8260C	20.0	20.0	100	66-124
Acetone	8260C	17.1	20.0	86	40-161
Benzene	8260C	20.4	20.0	102	79-119
Bromochloromethane	8260C	18.9	20.0	94	81-126
Bromodichloromethane	8260C	19.8	20.0	99	81-123
Bromoform	8260C	22.6	20.0	113	65-146
Bromomethane	8260C	22.4	20.0	112	42-166
Carbon Disulfide	8260C	19.1	20.0	95	66-128
Carbon Tetrachloride	8260C	21.3	20.0	106	70-127
Chlorobenzene	8260C	19.8	20.0	99	80-121
Chloroethane	8260C	19.3	20.0	97	62-131
Chloroform	8260C	18.0	20.0	90	79-120
Chloromethane	8260C	16.3	20.0	81	65-135
Cyclohexane	8260C	18.0	20.0	90	69-120
Dibromochloromethane	8260C	21.3	20.0	106	72-128

Client: Marks Engineering, PC
Project: DLS Modock Road Springs/22-021
Sample Matrix: Water

Service Request: R2210017
Date Analyzed: 10/29/22

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2213492-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	11.3	20.0	56 *	59-155
Dichloromethane	8260C	18.5	20.0	93	73-122
Ethylbenzene	8260C	22.2	20.0	111	76-120
Isopropylbenzene (Cumene)	8260C	22.5	20.0	113	77-128
Methyl Acetate	8260C	15.4	20.0	77	61-133
Methyl tert-Butyl Ether	8260C	19.7	20.0	98	75-118
Methylcyclohexane	8260C	19.6	20.0	98	51-129
Styrene	8260C	22.6	20.0	113	80-124
Tetrachloroethene (PCE)	8260C	22.4	20.0	112	72-125
Toluene	8260C	21.1	20.0	105	79-119
Trichloroethene (TCE)	8260C	20.4	20.0	102	74-122
Trichlorofluoromethane (CFC 11)	8260C	19.1	20.0	95	71-136
Vinyl Chloride	8260C	15.1	20.0	76	74-159
cis-1,2-Dichloroethene	8260C	18.5	20.0	93	80-121
cis-1,3-Dichloropropene	8260C	21.9	20.0	109	77-122
m,p-Xylenes	8260C	45.4	40.0	114	80-126
o-Xylene	8260C	21.7	20.0	108	79-123
trans-1,2-Dichloroethene	8260C	19.2	20.0	96	73-118
trans-1,3-Dichloropropene	8260C	22.8	20.0	114	71-133

Client: Marks Engineering, PC
Project: DLS Modock Road Springs/22-021
Sample Matrix: Water

Service Request: R2210017
Date Analyzed: 10/31/22

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2213611-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	18.3	20.0	91	75-125
1,1,2,2-Tetrachloroethane	8260C	18.9	20.0	94	78-126
1,1,2-Trichloroethane	8260C	20.0	20.0	100	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	17.8	20.0	89	67-124
1,1-Dichloroethane (1,1-DCA)	8260C	18.3	20.0	92	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	18.0	20.0	90	71-118
1,2,3-Trichlorobenzene	8260C	20.7	20.0	103	67-136
1,2,4-Trichlorobenzene	8260C	20.7	20.0	103	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260C	20.5	20.0	103	55-136
1,2-Dibromoethane	8260C	20.7	20.0	103	82-127
1,2-Dichlorobenzene	8260C	19.3	20.0	97	80-119
1,2-Dichloroethane	8260C	18.9	20.0	95	71-127
1,2-Dichloropropane	8260C	19.5	20.0	98	80-119
1,3-Dichlorobenzene	8260C	19.9	20.0	99	83-121
1,4-Dichlorobenzene	8260C	19.7	20.0	98	79-119
1,4-Dioxane	8260C	375	400	94	44-154
2-Butanone (MEK)	8260C	17.0	20.0	85	61-137
2-Hexanone	8260C	19.0	20.0	95	63-124
4-Methyl-2-pentanone	8260C	18.5	20.0	92	66-124
Acetone	8260C	16.2	20.0	81	40-161
Benzene	8260C	19.4	20.0	97	79-119
Bromochloromethane	8260C	18.3	20.0	92	81-126
Bromodichloromethane	8260C	19.0	20.0	95	81-123
Bromoform	8260C	22.1	20.0	111	65-146
Bromomethane	8260C	21.4	20.0	107	42-166
Carbon Disulfide	8260C	17.4	20.0	87	66-128
Carbon Tetrachloride	8260C	20.1	20.0	100	70-127
Chlorobenzene	8260C	19.3	20.0	96	80-121
Chloroethane	8260C	17.5	20.0	88	62-131
Chloroform	8260C	17.0	20.0	85	79-120
Chloromethane	8260C	14.9	20.0	74	65-135
Cyclohexane	8260C	18.1	20.0	91	69-120
Dibromochloromethane	8260C	21.0	20.0	105	72-128

Client: Marks Engineering, PC
Project: DLS Modock Road Springs/22-021
Sample Matrix: Water

Service Request: R2210017
Date Analyzed: 10/31/22

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2213611-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	9.69	20.0	48 *	59-155
Dichloromethane	8260C	17.6	20.0	88	73-122
Ethylbenzene	8260C	20.9	20.0	105	76-120
Isopropylbenzene (Cumene)	8260C	21.1	20.0	106	77-128
Methyl Acetate	8260C	15.4	20.0	77	61-133
Methyl tert-Butyl Ether	8260C	18.9	20.0	95	75-118
Methylcyclohexane	8260C	19.4	20.0	97	51-129
Styrene	8260C	21.8	20.0	109	80-124
Tetrachloroethene (PCE)	8260C	20.9	20.0	105	72-125
Toluene	8260C	20.0	20.0	100	79-119
Trichloroethene (TCE)	8260C	19.6	20.0	98	74-122
Trichlorofluoromethane (CFC 11)	8260C	17.5	20.0	87	71-136
Vinyl Chloride	8260C	13.9	20.0	69 *	74-159
cis-1,2-Dichloroethene	8260C	17.9	20.0	90	80-121
cis-1,3-Dichloropropene	8260C	21.3	20.0	107	77-122
m,p-Xylenes	8260C	42.9	40.0	107	80-126
o-Xylene	8260C	20.8	20.0	104	79-123
trans-1,2-Dichloroethene	8260C	18.2	20.0	91	73-118
trans-1,3-Dichloropropene	8260C	21.9	20.0	110	71-133

Client: Marks Engineering, PC
Project: DLS Modock Road Springs/22-021
Sample Matrix: Water

Service Request: R2210017
Date Analyzed: 11/01/22

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2213674-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	17.1	20.0	86	75-125
1,1,2,2-Tetrachloroethane	8260C	19.1	20.0	95	78-126
1,1,2-Trichloroethane	8260C	19.5	20.0	98	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	16.8	20.0	84	67-124
1,1-Dichloroethane (1,1-DCA)	8260C	17.4	20.0	87	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	17.3	20.0	87	71-118
1,2,3-Trichlorobenzene	8260C	20.4	20.0	102	67-136
1,2,4-Trichlorobenzene	8260C	20.3	20.0	102	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260C	21.7	20.0	109	55-136
1,2-Dibromoethane	8260C	20.4	20.0	102	82-127
1,2-Dichlorobenzene	8260C	19.1	20.0	96	80-119
1,2-Dichloroethane	8260C	18.3	20.0	92	71-127
1,2-Dichloropropane	8260C	18.7	20.0	94	80-119
1,3-Dichlorobenzene	8260C	19.5	20.0	98	83-121
1,4-Dichlorobenzene	8260C	19.2	20.0	96	79-119
1,4-Dioxane	8260C	405	400	101	44-154
2-Butanone (MEK)	8260C	16.7	20.0	83	61-137
2-Hexanone	8260C	20.4	20.0	102	63-124
4-Methyl-2-pentanone	8260C	19.8	20.0	99	66-124
Acetone	8260C	17.8	20.0	89	40-161
Benzene	8260C	18.5	20.0	92	79-119
Bromochloromethane	8260C	17.9	20.0	89	81-126
Bromodichloromethane	8260C	18.2	20.0	91	81-123
Bromoform	8260C	21.9	20.0	109	65-146
Bromomethane	8260C	16.7	20.0	84	42-166
Carbon Disulfide	8260C	16.5	20.0	83	66-128
Carbon Tetrachloride	8260C	19.2	20.0	96	70-127
Chlorobenzene	8260C	18.2	20.0	91	80-121
Chloroethane	8260C	18.8	20.0	94	62-131
Chloroform	8260C	16.5	20.0	82	79-120
Chloromethane	8260C	14.7	20.0	73	65-135
Cyclohexane	8260C	19.0	20.0	95	69-120
Dibromochloromethane	8260C	20.3	20.0	102	72-128

Client: Marks Engineering, PC
Project: DLS Modock Road Springs/22-021
Sample Matrix: Water

Service Request: R2210017
Date Analyzed: 11/01/22

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2213674-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	10.8	20.0	54 *	59-155
Dichloromethane	8260C	17.1	20.0	85	73-122
Ethylbenzene	8260C	19.9	20.0	100	76-120
Isopropylbenzene (Cumene)	8260C	20.5	20.0	102	77-128
Methyl Acetate	8260C	16.2	20.0	81	61-133
Methyl tert-Butyl Ether	8260C	18.6	20.0	93	75-118
Methylcyclohexane	8260C	20.2	20.0	101	51-129
Styrene	8260C	21.2	20.0	106	80-124
Tetrachloroethene (PCE)	8260C	20.0	20.0	100	72-125
Toluene	8260C	18.9	20.0	95	79-119
Trichloroethene (TCE)	8260C	18.7	20.0	94	74-122
Trichlorofluoromethane (CFC 11)	8260C	16.5	20.0	83	71-136
Vinyl Chloride	8260C	13.3	20.0	66 *	74-159
cis-1,2-Dichloroethene	8260C	17.0	20.0	85	80-121
cis-1,3-Dichloropropene	8260C	20.7	20.0	104	77-122
m,p-Xylenes	8260C	41.0	40.0	103	80-126
o-Xylene	8260C	20.0	20.0	100	79-123
trans-1,2-Dichloroethene	8260C	17.4	20.0	87	73-118
trans-1,3-Dichloropropene	8260C	21.3	20.0	107	71-133

Exhibit B
Laboratory Report
(Full Category B Packages)
(Provided Electronically)

MarksEngineering

Exhibit C
Data Usability Summary Report
(DUSR)

DATA USABILITY SUMMARY REPORT (DUSR)

Site: DLS/Modock Road Springs
Victor, NY
Project #: 22-021

SDGs: R2210017
15 Water Samples and 1 Trip Blank

Prepared for:

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

November 2022

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

Table of Contents

Tables

REVIEWER'S NARRATIVE
SDG R2210017 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: 11/14/2022

Michael K. Perry
Chemist

1.0 SUMMARY

SITE:	DLS/Modock Road Springs Victor, NY Project No. 22-021
SAMPLING DATE:	October 19, 2022
SAMPLE TYPE:	15 water samples and 1 trip blank
LABORATORY:	ALS Environmental Rochester, NY
SDG No.:	R2210017

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 sixeen water samples collected on October 19, 2022. These samples were analyzed for 8260C Volatile Organic Compounds.

All laboratory analyses were performed by ALS Environmental, Rochester, NY and analyzed as SDG R2210017. 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	January 2021
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

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)
Completeness of Pkg
Sample Preservation
Holding Time
Canister Certification
Instrument Tuning
Initial Calibration and Instrument Performance
Daily Calibration
Blanks
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 R2210017, 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
MW-17S	Chloromethane Methyl acetate	CRQL-U	Analytes detected in method blank	Data changed to no-detect
DUP101922A	Vinyl chloride	UJ non-detects J detects	MS/MSD < QC limit	Data are estimated
All samples	Dichlorodifluoromethane	UJ non-detects J detects	LCS < QC limit	Data are estimated
MW-14 MW-17S MW-16 MW-26 SS-G MW-3 DUP101922A DUP101922B EB101922 Trip Blank	Vinyl chloride	UJ non-detects J detects	LCS < QC limit	Data are estimated
MW-23 MW-10 MW-24S MW-4 SC-1 MW-15 MW-13 MW-14	Acetone	UJ non-detects J detects	CCV < QC limit	Data are estimated

MW-14 MW-16 MW-26 SS-G MW-3 DUP101922A DUP101922B EB101922 Trip Blank	MEK Acetone Methyl acetate	UJ non-detects J detects	CCV< 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

November 10, 2022 Service Request No:R2210017

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

Laboratory Results for: DLS Modock Road Springs

Dear Mr.Wolf,

Enclosed are the results of the sample(s) submitted to our laboratory October 19, 2022
For your reference, these analyses have been assigned our service request number **R2210017.**

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

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

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Janice Jaeger
Project Manager

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

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

Service Request: R2210017
Date Received: 10/19/2022

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 10/19/2022. 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, 10/31/2022: The lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. The analytes affected are flagged in the LCS Summary.

Method 8260C, 10/31/2022: 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, 11/01/2022: The lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. The analytes affected are flagged in the LCS Summary.
Method 8260C, 10/29/2022: 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, 10/29/2022: The lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The discrepancy associated with reduced recovery equates to a potential low bias. Additional analysis of the associated field samples was not performed because the low recovery is the result of an issue with the stock standard; we are working with the vendor to correct the problem. The analytes affected are flagged in the LCS Summary.

Approved by _____ Date 11/10/2022

Client: Marks Engineering, PC **Service Request:**R2210017

Project: DLS Modock Road Springs/22-021

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2210017-001	MW-23	10/19/2022	0710
R2210017-002	MW-10	10/19/2022	0730
R2210017-003	MW-24S	10/19/2022	0745
R2210017-004	MW-4	10/19/2022	0800
R2210017-005	SC-1	10/19/2022	0815
R2210017-006	MW-15	10/19/2022	0850
R2210017-007	MW-13	10/19/2022	0900
R2210017-008	MW-14	10/19/2022	0910
R2210017-009	MW-17S	10/19/2022	0915
R2210017-010	MW-16	10/19/2022	0930
R2210017-011	MW-26	10/19/2022	1000
R2210017-012	SS-G MW-3	10/19/2022	1015
R2210017-013	DUP101922A	10/19/2022	1200
R2210017-014	DUP101922B	10/19/2022	1210
R2210017-015	EB101922	10/19/2022	0825
R2210017-016	VOC Trip Blank	10/19/2022	

Chain of Custody / Analytical Request Form

67314

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: 22-021
Email: JWolf@MarksEngineering.com	ALS Quote #:
Phone: 585-500-8392	Sampler's Signature:
Address: 4303 Route 5 & 20	Email CC:
Canandaigua NY 14424	Email CC:
	State Samples Collected (Circle or Write): (NY) MA, PA, CT, Other:

Preservative: 1

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

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

Lab ID (ALS)	Sample ID:	Date	Time	Matrix	Number of Containers	MS/MSD?	GC/MS VOA - 8260•624•524•TCLP	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	Notes:
	MW-23	10/19/22	0710	GW	3		3							
	MW-10 MS/MSD	10/19/22	0730	GW	9	Y	9							
	MW-24S	10/19/22	0745	GW	3		3							
	MW-4	10/19/22	0800	GW	3		3							
	SC-1	10/19/22	0815	GW	3		3							
	MW-15	10/19/22	0850	GW	3		3							
	MW-13	10/19/22	0900	GW	3		3							
	MW-14	10/19/22	0910	GW	3		3							
	MW-17S	10/19/22	0915	GW	3		3							
	MW-16	10/19/22	0930	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: NYSDEC

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

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

Invoice To: (X Same as Report To)

PO #: 22-021

Company:

Contact:

Email: JWolf@marksengineering.com

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	Jeremy Wolf	Brady Kuhlman				
Company	Marks Eng	ALS				
Date/Time	10/19/22	10/19/22 1155				

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

R2210017 5
Marks Engineering, PC
DLS Modock Road Springs

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

004918

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 2 OF 2

Project Name: DLS Modock Rd Springs	Project Number: 22-021
Project Manager: Jeremy Wolf	Report CC:
Company/Address: Marks Engineering PC 4303 Route 5 & 20 Canandaigua NY 14424	
Phone #: 585-500-8392	Email: JWolf@marksengineering.com
Sampler's Signature:	Sampler's Printed Name: Jeremy Wolf

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 1

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS		TCL 8260
MW-26		10/19/22	1000	GW	3	3	↓
SS&G MW-3		10/19/22	1015	GW	3	3	
DUP 10 19 22 A		10/19/22	1200	GW	3	3	
DUP 10 19 22 B		10/19/22	1210	GW	3	3	
EB 10 19 22		10/19/22	0825	GW	3	3	
Voc Trip Blank							

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP ☐

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
___ 1 day ___ 2 day ___ 3 day
___ 4 day ___ 5 day
X Standard (10 business days-No Surcharge)
REQUESTED REPORT DATE

REPORT REQUIREMENTS
___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
CAT B & NYSDEC EDD
Edata X Yes ___ No

INVOICE INFORMATION
PO # 22-021
BILL TO: JWolf@marksengineering.com

STATE WHERE SAMPLES WERE COLLECTED

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: Jeremy Wolf	Printed Name: Brady Kohler	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: Marks Eng.	Firm: ALS	Firm:	Firm:	Firm:	Firm:
Date/Time: 10/19/22	Date/Time: 10/19/22 1155	Date/Time:	Date/Time:	Date/Time:	Date/Time:

R2210017 5
Marks Engineering, PC
DLS Modock Road Springs

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

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:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 07:10
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-23	**Units:**	ug/L
Lab Code:	R2210017-001	**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)	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/29/22 18:32	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/29/22 18:32	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/29/22 18:32	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 18:32	
1,4-Dioxane	40 U	40	13	1	10/29/22 18:32	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/29/22 18:32	
2-Hexanone	5.0 U	5.0	0.20	1	10/29/22 18:32	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/29/22 18:32	
Acetone	5.0 U	5.0	5.0	1	10/29/22 18:32	UJ
Benzene	1.0 U	1.0	0.20	1	10/29/22 18:32	
Bromochloromethane	1.0 U	1.0	0.20	1	10/29/22 18:32	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/29/22 18:32	
Bromoform	1.0 U	1.0	0.25	1	10/29/22 18:32	
Bromomethane	1.0 U	1.0	0.70	1	10/29/22 18:32	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/29/22 18:32	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/29/22 18:32	
Chlorobenzene	1.0 U	1.0	0.20	1	10/29/22 18:32	
Chloroethane	1.0 U	1.0	0.23	1	10/29/22 18:32	
Chloroform	1.0 U	1.0	0.24	1	10/29/22 18:32	
Chloromethane	1.0 U	1.0	0.28	1	10/29/22 18:32	
Cyclohexane	1.0 U	1.0	0.26	1	10/29/22 18:32	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/29/22 18:32	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/29/22 18:32	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/29/22 18:32	
Ethylbenzene	1.0 U	1.0	0.20	1	10/29/22 18:32	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/29/22 18:32	
Methyl Acetate	2.0 U	2.0	0.33	1	10/29/22 18:32	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/29/22 18:32	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/29/22 18:32	
Styrene	1.0 U	1.0	0.20	1	10/29/22 18:32	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/29/22 18:32	
Toluene	1.0 U	1.0	0.20	1	10/29/22 18:32	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 07:10
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-23	**Units:**	ug/L
Lab Code:	R2210017-001	**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)	**0.23 J**	1.0	0.20	1	10/29/22 18:32	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/29/22 18:32	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/29/22 18:32	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/29/22 18:32	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/29/22 18:32	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/29/22 18:32	
o-Xylene	1.0 U	1.0	0.20	1	10/29/22 18:32	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/29/22 18:32	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/29/22 18:32	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	10/29/22 18:32	
Dibromofluoromethane	100	80 - 116	10/29/22 18:32	
Toluene-d8	99	87 - 121	10/29/22 18:32	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 07:30
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2210017-002	**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)	**1.5**	1.0	0.20	1	10/29/22 18:54	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/29/22 18:54	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/29/22 18:54	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/29/22 18:54	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 18:54	
1,4-Dioxane	40 U	40	13	1	10/29/22 18:54	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/29/22 18:54	
2-Hexanone	5.0 U	5.0	0.20	1	10/29/22 18:54	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/29/22 18:54	
Acetone	5.0 U	5.0	5.0	1	10/29/22 18:54	UJ
Benzene	1.0 U	1.0	0.20	1	10/29/22 18:54	
Bromochloromethane	1.0 U	1.0	0.20	1	10/29/22 18:54	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/29/22 18:54	
Bromoform	1.0 U	1.0	0.25	1	10/29/22 18:54	
Bromomethane	1.0 U	1.0	0.70	1	10/29/22 18:54	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/29/22 18:54	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/29/22 18:54	
Chlorobenzene	1.0 U	1.0	0.20	1	10/29/22 18:54	
Chloroethane	1.0 U	1.0	0.23	1	10/29/22 18:54	
Chloroform	1.0 U	1.0	0.24	1	10/29/22 18:54	
Chloromethane	1.0 U	1.0	0.28	1	10/29/22 18:54	
Cyclohexane	1.0 U	1.0	0.26	1	10/29/22 18:54	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/29/22 18:54	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/29/22 18:54	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/29/22 18:54	
Ethylbenzene	1.0 U	1.0	0.20	1	10/29/22 18:54	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/29/22 18:54	
Methyl Acetate	2.0 U	2.0	0.33	1	10/29/22 18:54	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/29/22 18:54	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/29/22 18:54	
Styrene	1.0 U	1.0	0.20	1	10/29/22 18:54	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/29/22 18:54	
Toluene	1.0 U	1.0	0.20	1	10/29/22 18:54	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 07:30
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-10	**Units:**	ug/L
Lab Code:	R2210017-002	**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)	**0.37 J**	1.0	0.20	1	10/29/22 18:54	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/29/22 18:54	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/29/22 18:54	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/29/22 18:54	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/29/22 18:54	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/29/22 18:54	
o-Xylene	1.0 U	1.0	0.20	1	10/29/22 18:54	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/29/22 18:54	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/29/22 18:54	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/29/22 18:54	
Dibromofluoromethane	99	80 - 116	10/29/22 18:54	
Toluene-d8	98	87 - 121	10/29/22 18:54	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 07:45
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-24S	**Units:**	ug/L
Lab Code:	R2210017-003	**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)	**13**	1.0	0.20	1	10/29/22 20:44	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,1-Dichloroethane (1,1-DCA)	**1.4**	1.0	0.20	1	10/29/22 20:44	
1,1-Dichloroethene (1,1-DCE)	**3.8**	1.0	0.20	1	10/29/22 20:44	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/29/22 20:44	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/29/22 20:44	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/29/22 20:44	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:44	
1,4-Dioxane	40 U	40	13	1	10/29/22 20:44	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/29/22 20:44	
2-Hexanone	5.0 U	5.0	0.20	1	10/29/22 20:44	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/29/22 20:44	
Acetone	5.0 U	5.0	5.0	1	10/29/22 20:44	UJ
Benzene	1.0 U	1.0	0.20	1	10/29/22 20:44	
Bromochloromethane	1.0 U	1.0	0.20	1	10/29/22 20:44	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/29/22 20:44	
Bromoform	1.0 U	1.0	0.25	1	10/29/22 20:44	
Bromomethane	1.0 U	1.0	0.70	1	10/29/22 20:44	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/29/22 20:44	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/29/22 20:44	
Chlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:44	
Chloroethane	1.0 U	1.0	0.23	1	10/29/22 20:44	
Chloroform	1.0 U	1.0	0.24	1	10/29/22 20:44	
Chloromethane	1.0 U	1.0	0.28	1	10/29/22 20:44	
Cyclohexane	1.0 U	1.0	0.26	1	10/29/22 20:44	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/29/22 20:44	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/29/22 20:44	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/29/22 20:44	
Ethylbenzene	1.0 U	1.0	0.20	1	10/29/22 20:44	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/29/22 20:44	
Methyl Acetate	2.0 U	2.0	0.33	1	10/29/22 20:44	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/29/22 20:44	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/29/22 20:44	
Styrene	1.0 U	1.0	0.20	1	10/29/22 20:44	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/29/22 20:44	
Toluene	1.0 U	1.0	0.20	1	10/29/22 20:44	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 07:45
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-24S	**Units:**	ug/L
Lab Code:	R2210017-003	**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)	**71**	1.0	0.20	1	10/29/22 20:44	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/29/22 20:44	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/29/22 20:44	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/29/22 20:44	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/29/22 20:44	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/29/22 20:44	
o-Xylene	1.0 U	1.0	0.20	1	10/29/22 20:44	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/29/22 20:44	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/29/22 20:44	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/29/22 20:44	
Dibromofluoromethane	98	80 - 116	10/29/22 20:44	
Toluene-d8	99	87 - 121	10/29/22 20:44	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 08:00
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R2210017-004	**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)	**9.0**	1.0	0.20	1	10/29/22 19:16	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,1-Dichloroethane (1,1-DCA)	**0.62 J**	1.0	0.20	1	10/29/22 19:16	
1,1-Dichloroethene (1,1-DCE)	**2.1**	1.0	0.20	1	10/29/22 19:16	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/29/22 19:16	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/29/22 19:16	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/29/22 19:16	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 19:16	
1,4-Dioxane	40 U	40	13	1	10/29/22 19:16	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/29/22 19:16	
2-Hexanone	5.0 U	5.0	0.20	1	10/29/22 19:16	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/29/22 19:16	
Acetone	5.0 U	5.0	5.0	1	10/29/22 19:16	UJ
Benzene	1.0 U	1.0	0.20	1	10/29/22 19:16	
Bromochloromethane	1.0 U	1.0	0.20	1	10/29/22 19:16	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/29/22 19:16	
Bromoform	1.0 U	1.0	0.25	1	10/29/22 19:16	
Bromomethane	1.0 U	1.0	0.70	1	10/29/22 19:16	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/29/22 19:16	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/29/22 19:16	
Chlorobenzene	1.0 U	1.0	0.20	1	10/29/22 19:16	
Chloroethane	1.0 U	1.0	0.23	1	10/29/22 19:16	
Chloroform	1.0 U	1.0	0.24	1	10/29/22 19:16	
Chloromethane	1.0 U	1.0	0.28	1	10/29/22 19:16	
Cyclohexane	1.0 U	1.0	0.26	1	10/29/22 19:16	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/29/22 19:16	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/29/22 19:16	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/29/22 19:16	
Ethylbenzene	1.0 U	1.0	0.20	1	10/29/22 19:16	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/29/22 19:16	
Methyl Acetate	2.0 U	2.0	0.33	1	10/29/22 19:16	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/29/22 19:16	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/29/22 19:16	
Styrene	1.0 U	1.0	0.20	1	10/29/22 19:16	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/29/22 19:16	
Toluene	1.0 U	1.0	0.20	1	10/29/22 19:16	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 08:00
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R2210017-004	**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)	**39**	1.0	0.20	1	10/29/22 19:16	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/29/22 19:16	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/29/22 19:16	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/29/22 19:16	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/29/22 19:16	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/29/22 19:16	
o-Xylene	1.0 U	1.0	0.20	1	10/29/22 19:16	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/29/22 19:16	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/29/22 19:16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/29/22 19:16	
Dibromofluoromethane	98	80 - 116	10/29/22 19:16	
Toluene-d8	98	87 - 121	10/29/22 19:16	

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 08:15
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	SC-1	**Units:**	ug/L
Lab Code:	R2210017-005	**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)	**5.0**	1.0	0.20	1	10/29/22 19:38	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,1-Dichloroethane (1,1-DCA)	**0.37 J**	1.0	0.20	1	10/29/22 19:38	
1,1-Dichloroethene (1,1-DCE)	**1.0**	1.0	0.20	1	10/29/22 19:38	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/29/22 19:38	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/29/22 19:38	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/29/22 19:38	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 19:38	
1,4-Dioxane	40 U	40	13	1	10/29/22 19:38	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/29/22 19:38	
2-Hexanone	5.0 U	5.0	0.20	1	10/29/22 19:38	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/29/22 19:38	
Acetone	5.0 U	5.0	5.0	1	10/29/22 19:38	UJ
Benzene	1.0 U	1.0	0.20	1	10/29/22 19:38	
Bromochloromethane	1.0 U	1.0	0.20	1	10/29/22 19:38	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/29/22 19:38	
Bromoform	1.0 U	1.0	0.25	1	10/29/22 19:38	
Bromomethane	1.0 U	1.0	0.70	1	10/29/22 19:38	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/29/22 19:38	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/29/22 19:38	
Chlorobenzene	1.0 U	1.0	0.20	1	10/29/22 19:38	
Chloroethane	1.0 U	1.0	0.23	1	10/29/22 19:38	
Chloroform	1.0 U	1.0	0.24	1	10/29/22 19:38	
Chloromethane	1.0 U	1.0	0.28	1	10/29/22 19:38	
Cyclohexane	1.0 U	1.0	0.26	1	10/29/22 19:38	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/29/22 19:38	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/29/22 19:38	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/29/22 19:38	
Ethylbenzene	1.0 U	1.0	0.20	1	10/29/22 19:38	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/29/22 19:38	
Methyl Acetate	2.0 U	2.0	0.33	1	10/29/22 19:38	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/29/22 19:38	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/29/22 19:38	
Styrene	1.0 U	1.0	0.20	1	10/29/22 19:38	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/29/22 19:38	
Toluene	1.0 U	1.0	0.20	1	10/29/22 19:38	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 08:15
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	SC-1	**Units:**	ug/L
Lab Code:	R2210017-005	**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)	**30**	1.0	0.20	1	10/29/22 19:38	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/29/22 19:38	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/29/22 19:38	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/29/22 19:38	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/29/22 19:38	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/29/22 19:38	
o-Xylene	1.0 U	1.0	0.20	1	10/29/22 19:38	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/29/22 19:38	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/29/22 19:38	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	10/29/22 19:38	
Dibromofluoromethane	99	80 - 116	10/29/22 19:38	
Toluene-d8	98	87 - 121	10/29/22 19:38	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 08:50
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-15	**Units:**	ug/L
Lab Code:	R2210017-006	**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	10/29/22 20:00	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,1-Dichloroethene (1,1-DCE)	**1.9**	1.0	0.20	1	10/29/22 20:00	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/29/22 20:00	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/29/22 20:00	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/29/22 20:00	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:00	
1,4-Dioxane	40 U	40	13	1	10/29/22 20:00	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/29/22 20:00	
2-Hexanone	5.0 U	5.0	0.20	1	10/29/22 20:00	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/29/22 20:00	
Acetone	5.0 U	5.0	5.0	1	10/29/22 20:00	UJ
Benzene	1.0 U	1.0	0.20	1	10/29/22 20:00	
Bromochloromethane	1.0 U	1.0	0.20	1	10/29/22 20:00	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/29/22 20:00	
Bromoform	1.0 U	1.0	0.25	1	10/29/22 20:00	
Bromomethane	1.0 U	1.0	0.70	1	10/29/22 20:00	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/29/22 20:00	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/29/22 20:00	
Chlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:00	
Chloroethane	1.0 U	1.0	0.23	1	10/29/22 20:00	
Chloroform	1.0 U	1.0	0.24	1	10/29/22 20:00	
Chloromethane	1.0 U	1.0	0.28	1	10/29/22 20:00	
Cyclohexane	1.0 U	1.0	0.26	1	10/29/22 20:00	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/29/22 20:00	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/29/22 20:00	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/29/22 20:00	
Ethylbenzene	1.0 U	1.0	0.20	1	10/29/22 20:00	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/29/22 20:00	
Methyl Acetate	2.0 U	2.0	0.33	1	10/29/22 20:00	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/29/22 20:00	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/29/22 20:00	
Styrene	1.0 U	1.0	0.20	1	10/29/22 20:00	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/29/22 20:00	
Toluene	1.0 U	1.0	0.20	1	10/29/22 20:00	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 08:50
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-15	**Units:**	ug/L
Lab Code:	R2210017-006	**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)	**1.6**	1.0	0.20	1	10/29/22 20:00	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/29/22 20:00	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/29/22 20:00	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/29/22 20:00	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/29/22 20:00	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/29/22 20:00	
o-Xylene	1.0 U	1.0	0.20	1	10/29/22 20:00	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/29/22 20:00	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/29/22 20:00	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	10/29/22 20:00	
Dibromofluoromethane	100	80 - 116	10/29/22 20:00	
Toluene-d8	101	87 - 121	10/29/22 20:00	

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 09:00
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2210017-007	**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)	**33**	1.0	0.20	1	10/29/22 20:22	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,1-Dichloroethene (1,1-DCE)	**4.6**	1.0	0.20	1	10/29/22 20:22	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/29/22 20:22	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/29/22 20:22	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/29/22 20:22	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:22	
1,4-Dioxane	40 U	40	13	1	10/29/22 20:22	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/29/22 20:22	
2-Hexanone	5.0 U	5.0	0.20	1	10/29/22 20:22	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/29/22 20:22	
Acetone	5.0 U	5.0	5.0	1	10/29/22 20:22	UJ
Benzene	1.0 U	1.0	0.20	1	10/29/22 20:22	
Bromochloromethane	1.0 U	1.0	0.20	1	10/29/22 20:22	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/29/22 20:22	
Bromoform	1.0 U	1.0	0.25	1	10/29/22 20:22	
Bromomethane	1.0 U	1.0	0.70	1	10/29/22 20:22	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/29/22 20:22	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/29/22 20:22	
Chlorobenzene	1.0 U	1.0	0.20	1	10/29/22 20:22	
Chloroethane	1.0 U	1.0	0.23	1	10/29/22 20:22	
Chloroform	1.0 U	1.0	0.24	1	10/29/22 20:22	
Chloromethane	1.0 U	1.0	0.28	1	10/29/22 20:22	
Cyclohexane	1.0 U	1.0	0.26	1	10/29/22 20:22	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/29/22 20:22	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/29/22 20:22	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/29/22 20:22	
Ethylbenzene	1.0 U	1.0	0.20	1	10/29/22 20:22	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/29/22 20:22	
Methyl Acetate	2.0 U	2.0	0.33	1	10/29/22 20:22	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/29/22 20:22	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/29/22 20:22	
Styrene	1.0 U	1.0	0.20	1	10/29/22 20:22	
Tetrachloroethene (PCE)	**0.28 J**	1.0	0.21	1	10/29/22 20:22	
Toluene	1.0 U	1.0	0.20	1	10/29/22 20:22	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 09:00
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-13	**Units:**	ug/L
Lab Code:	R2210017-007	**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)	**40**	1.0	0.20	1	10/29/22 20:22	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/29/22 20:22	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/29/22 20:22	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/29/22 20:22	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/29/22 20:22	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/29/22 20:22	
o-Xylene	1.0 U	1.0	0.20	1	10/29/22 20:22	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/29/22 20:22	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/29/22 20:22	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/29/22 20:22	
Dibromofluoromethane	97	80 - 116	10/29/22 20:22	
Toluene-d8	97	87 - 121	10/29/22 20:22	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 09:10
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-14	**Units:**	ug/L
Lab Code:	R2210017-008	**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)	**10**	1.0	0.20	1	10/31/22 15:40	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,1-Dichloroethene (1,1-DCE)	**1.0**	1.0	0.20	1	10/31/22 15:40	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 15:40	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 15:40	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 15:40	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 15:40	
1,4-Dioxane	40 U	40	13	1	10/31/22 15:40	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 15:40	UJ
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 15:40	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 15:40	
Acetone	5.0 U	5.0	5.0	1	10/31/22 15:40	UJ
Benzene	1.0 U	1.0	0.20	1	10/31/22 15:40	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 15:40	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/31/22 15:40	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 15:40	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 15:40	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 15:40	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 15:40	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 15:40	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 15:40	
Chloroform	1.0 U	1.0	0.24	1	10/31/22 15:40	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 15:40	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 15:40	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 15:40	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 15:40	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 15:40	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 15:40	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 15:40	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 15:40	UJ
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 15:40	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 15:40	
Styrene	1.0 U	1.0	0.20	1	10/31/22 15:40	
Tetrachloroethene (PCE)	**0.63 J**	1.0	0.21	1	10/31/22 15:40	
Toluene	1.0 U	1.0	0.20	1	10/31/22 15:40	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 09:10
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-14	**Units:**	ug/L
Lab Code:	R2210017-008	**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)	**45**	1.0	0.20	1	10/31/22 15:40	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 15:40	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 15:40	UJ
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 15:40	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 15:40	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 15:40	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 15:40	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 15:40	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 15:40	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/31/22 15:40	
Dibromofluoromethane	98	80 - 116	10/31/22 15:40	
Toluene-d8	97	87 - 121	10/31/22 15:40	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 09:15
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-17S	**Units:**	ug/L
Lab Code:	R2210017-009	**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)	**3.8**	1.0	0.20	1	11/01/22 16:43	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,1,2-Trichloroethane	**0.41 J**	1.0	0.20	1	11/01/22 16:43	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,1-Dichloroethene (1,1-DCE)	**0.56 J**	1.0	0.20	1	11/01/22 16:43	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	11/01/22 16:43	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	11/01/22 16:43	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	11/01/22 16:43	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	11/01/22 16:43	
1,4-Dioxane	40 U	40	13	1	11/01/22 16:43	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	11/01/22 16:43	
2-Hexanone	5.0 U	5.0	0.20	1	11/01/22 16:43	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	11/01/22 16:43	
Acetone	5.0 U	5.0	5.0	1	11/01/22 16:43	
Benzene	1.0 U	1.0	0.20	1	11/01/22 16:43	
Bromochloromethane	1.0 U	1.0	0.20	1	11/01/22 16:43	
Bromodichloromethane	1.0 U	1.0	0.20	1	11/01/22 16:43	
Bromoform	1.0 U	1.0	0.25	1	11/01/22 16:43	
Bromomethane	1.0 U	1.0	0.70	1	11/01/22 16:43	
Carbon Disulfide	1.0 U	1.0	0.42	1	11/01/22 16:43	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	11/01/22 16:43	
Chlorobenzene	1.0 U	1.0	0.20	1	11/01/22 16:43	
Chloroethane	1.0 U	1.0	0.23	1	11/01/22 16:43	
Chloroform	1.0 U	1.0	0.24	1	11/01/22 16:43	
Chloromethane	~~0.33 BJ~~	1.0	0.28	1	11/01/22 16:43	1.0 UJ
Cyclohexane	1.0 U	1.0	0.26	1	11/01/22 16:43	
Dibromochloromethane	1.0 U	1.0	0.20	1	11/01/22 16:43	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	11/01/22 16:43	UJ
Dichloromethane	1.0 U	1.0	0.65	1	11/01/22 16:43	
Ethylbenzene	1.0 U	1.0	0.20	1	11/01/22 16:43	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	11/01/22 16:43	
Methyl Acetate	~~0.59 BJ~~	2.0	0.33	1	11/01/22 16:43	2.0 UJ
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	11/01/22 16:43	
Methylcyclohexane	1.0 U	1.0	0.20	1	11/01/22 16:43	
Styrene	1.0 U	1.0	0.20	1	11/01/22 16:43	
Tetrachloroethene (PCE)	**0.27 J**	1.0	0.21	1	11/01/22 16:43	
Toluene	**0.23 J**	1.0	0.20	1	11/01/22 16:43	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 09:15
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-17S	**Units:**	ug/L
Lab Code:	R2210017-009	**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)	**96**	1.0	0.20	1	11/01/22 16:43	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	11/01/22 16:43	
Vinyl Chloride	1.0 U	1.0	0.20	1	11/01/22 16:43	UJ
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	11/01/22 16:43	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	11/01/22 16:43	
m,p-Xylenes	2.0 U	2.0	0.20	1	11/01/22 16:43	
o-Xylene	1.0 U	1.0	0.20	1	11/01/22 16:43	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	11/01/22 16:43	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	11/01/22 16:43	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	11/01/22 16:43	
Dibromofluoromethane	98	80 - 116	11/01/22 16:43	
Toluene-d8	98	87 - 121	11/01/22 16:43	

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Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 09:30
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-16	**Units:**	ug/L
Lab Code:	R2210017-010	**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	10/31/22 16:24	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.56 J**	1.0	0.20	1	10/31/22 16:24	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,1-Dichloroethene (1,1-DCE)	**2.5**	1.0	0.20	1	10/31/22 16:24	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 16:24	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 16:24	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 16:24	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:24	
1,4-Dioxane	40 U	40	13	1	10/31/22 16:24	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 16:24	UJ
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 16:24	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 16:24	
Acetone	5.0 U	5.0	5.0	1	10/31/22 16:24	UJ
Benzene	1.0 U	1.0	0.20	1	10/31/22 16:24	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 16:24	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/31/22 16:24	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 16:24	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 16:24	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 16:24	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 16:24	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:24	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 16:24	
Chloroform	1.0 U	1.0	0.24	1	10/31/22 16:24	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 16:24	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 16:24	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 16:24	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 16:24	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 16:24	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 16:24	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 16:24	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 16:24	UJ
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 16:24	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 16:24	
Styrene	1.0 U	1.0	0.20	1	10/31/22 16:24	
Tetrachloroethene (PCE)	**0.40 J**	1.0	0.21	1	10/31/22 16:24	
Toluene	1.0 U	1.0	0.20	1	10/31/22 16:24	

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 09:30
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-16	**Units:**	ug/L
Lab Code:	R2210017-010	**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)	**130**	1.0	0.20	1	10/31/22 16:24	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 16:24	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 16:24	UJ
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 16:24	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 16:24	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 16:24	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 16:24	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 16:24	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 16:24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	10/31/22 16:24	
Dibromofluoromethane	98	80 - 116	10/31/22 16:24	
Toluene-d8	99	87 - 121	10/31/22 16:24	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 10:00
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-26	**Units:**	ug/L
Lab Code:	R2210017-011	**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)	**6.4**	1.0	0.20	1	10/31/22 16:46	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.94 J**	1.0	0.20	1	10/31/22 16:46	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,1-Dichloroethene (1,1-DCE)	**1.2**	1.0	0.20	1	10/31/22 16:46	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 16:46	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 16:46	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 16:46	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:46	
1,4-Dioxane	40 U	40	13	1	10/31/22 16:46	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 16:46	UJ
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 16:46	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 16:46	
Acetone	**5.1**	5.0	5.0	1	10/31/22 16:46	J
Benzene	1.0 U	1.0	0.20	1	10/31/22 16:46	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 16:46	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/31/22 16:46	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 16:46	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 16:46	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 16:46	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 16:46	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:46	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 16:46	
Chloroform	1.0 U	1.0	0.24	1	10/31/22 16:46	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 16:46	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 16:46	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 16:46	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 16:46	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 16:46	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 16:46	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 16:46	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 16:46	UJ
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 16:46	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 16:46	
Styrene	1.0 U	1.0	0.20	1	10/31/22 16:46	
Tetrachloroethene (PCE)	**2.4**	1.0	0.21	1	10/31/22 16:46	
Toluene	1.0 U	1.0	0.20	1	10/31/22 16:46	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 10:00
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	MW-26	**Units:**	ug/L
Lab Code:	R2210017-011	**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)	**110**	1.0	0.20	1	10/31/22 16:46	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 16:46	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 16:46	UJ
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 16:46	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 16:46	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 16:46	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 16:46	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 16:46	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 16:46	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	10/31/22 16:46	
Dibromofluoromethane	98	80 - 116	10/31/22 16:46	
Toluene-d8	98	87 - 121	10/31/22 16:46	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 10:15
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	SS-G MW-3	**Units:**	ug/L
Lab Code:	R2210017-012	**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)	**4.3**	1.0	0.20	1	10/31/22 16:02	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,1-Dichloroethene (1,1-DCE)	**0.63 J**	1.0	0.20	1	10/31/22 16:02	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 16:02	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 16:02	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 16:02	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:02	
1,4-Dioxane	40 U	40	13	1	10/31/22 16:02	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 16:02	UJ
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 16:02	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 16:02	
Acetone	5.0 U	5.0	5.0	1	10/31/22 16:02	UJ
Benzene	1.0 U	1.0	0.20	1	10/31/22 16:02	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 16:02	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/31/22 16:02	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 16:02	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 16:02	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 16:02	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 16:02	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 16:02	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 16:02	
Chloroform	1.0 U	1.0	0.24	1	10/31/22 16:02	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 16:02	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 16:02	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 16:02	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 16:02	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 16:02	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 16:02	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 16:02	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 16:02	UJ
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 16:02	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 16:02	
Styrene	1.0 U	1.0	0.20	1	10/31/22 16:02	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/31/22 16:02	
Toluene	1.0 U	1.0	0.20	1	10/31/22 16:02	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 10:15
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	SS-G MW-3	**Units:**	ug/L
Lab Code:	R2210017-012	**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)	**9.5**	1.0	0.20	1	10/31/22 16:02	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 16:02	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 16:02	UJ
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 16:02	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 16:02	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 16:02	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 16:02	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 16:02	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 16:02	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	10/31/22 16:02	
Dibromofluoromethane	100	80 - 116	10/31/22 16:02	
Toluene-d8	100	87 - 121	10/31/22 16:02	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 12:00
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	DUP101922A	**Units:**	ug/L
Lab Code:	R2210017-013	**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)	**5.1**	1.0	0.20	1	10/31/22 15:18	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,1-Dichloroethane (1,1-DCA)	**0.36 J**	1.0	0.20	1	10/31/22 15:18	
1,1-Dichloroethene (1,1-DCE)	**1.0**	1.0	0.20	1	10/31/22 15:18	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 15:18	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 15:18	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 15:18	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 15:18	
1,4-Dioxane	40 U	40	13	1	10/31/22 15:18	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 15:18	UJ
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 15:18	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 15:18	
Acetone	5.0 U	5.0	5.0	1	10/31/22 15:18	UJ
Benzene	1.0 U	1.0	0.20	1	10/31/22 15:18	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 15:18	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/31/22 15:18	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 15:18	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 15:18	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 15:18	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 15:18	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 15:18	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 15:18	
Chloroform	1.0 U	1.0	0.24	1	10/31/22 15:18	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 15:18	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 15:18	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 15:18	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 15:18	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 15:18	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 15:18	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 15:18	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 15:18	UJ
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 15:18	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 15:18	
Styrene	1.0 U	1.0	0.20	1	10/31/22 15:18	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/31/22 15:18	
Toluene	1.0 U	1.0	0.20	1	10/31/22 15:18	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 12:00
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	DUP101922A	**Units:**	ug/L
Lab Code:	R2210017-013	**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)	**31**	1.0	0.20	1	10/31/22 15:18	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 15:18	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 15:18	UJ
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 15:18	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 15:18	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 15:18	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 15:18	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 15:18	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 15:18	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/31/22 15:18	
Dibromofluoromethane	97	80 - 116	10/31/22 15:18	
Toluene-d8	98	87 - 121	10/31/22 15:18	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 12:10
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	DUP101922B	**Units:**	ug/L
Lab Code:	R2210017-014	**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	10/31/22 17:08	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.98 J**	1.0	0.20	1	10/31/22 17:08	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,1-Dichloroethene (1,1-DCE)	**1.2**	1.0	0.20	1	10/31/22 17:08	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 17:08	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 17:08	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 17:08	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 17:08	
1,4-Dioxane	40 U	40	13	1	10/31/22 17:08	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 17:08	UJ
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 17:08	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 17:08	
Acetone	5.0 U	5.0	5.0	1	10/31/22 17:08	UJ
Benzene	1.0 U	1.0	0.20	1	10/31/22 17:08	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 17:08	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/31/22 17:08	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 17:08	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 17:08	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 17:08	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 17:08	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 17:08	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 17:08	
Chloroform	1.0 U	1.0	0.24	1	10/31/22 17:08	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 17:08	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 17:08	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 17:08	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 17:08	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 17:08	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 17:08	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 17:08	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 17:08	UJ
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 17:08	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 17:08	
Styrene	1.0 U	1.0	0.20	1	10/31/22 17:08	
Tetrachloroethene (PCE)	**2.1**	1.0	0.21	1	10/31/22 17:08	
Toluene	1.0 U	1.0	0.20	1	10/31/22 17:08	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 12:10
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	DUP101922B	**Units:**	ug/L
Lab Code:	R2210017-014	**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)	**110**	1.0	0.20	1	10/31/22 17:08	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 17:08	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 17:08	UJ
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 17:08	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 17:08	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 17:08	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 17:08	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 17:08	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 17:08	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	10/31/22 17:08	
Dibromofluoromethane	98	80 - 116	10/31/22 17:08	
Toluene-d8	99	87 - 121	10/31/22 17:08	

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Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 08:25
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	EB101922	**Units:**	ug/L
Lab Code:	R2210017-015	**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	10/31/22 14:34	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 14:34	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 14:34	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 14:34	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 14:34	
1,4-Dioxane	40 U	40	13	1	10/31/22 14:34	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 14:34	UJ
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 14:34	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 14:34	
Acetone	5.0 U	5.0	5.0	1	10/31/22 14:34	UJ
Benzene	1.0 U	1.0	0.20	1	10/31/22 14:34	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 14:34	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/31/22 14:34	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 14:34	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 14:34	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 14:34	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 14:34	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 14:34	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 14:34	
Chloroform	1.0 U	1.0	0.24	1	10/31/22 14:34	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 14:34	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 14:34	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 14:34	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 14:34	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 14:34	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 14:34	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 14:34	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 14:34	UJ
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 14:34	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 14:34	
Styrene	1.0 U	1.0	0.20	1	10/31/22 14:34	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/31/22 14:34	
Toluene	1.0 U	1.0	0.20	1	10/31/22 14:34	

MKP 11/14/2022

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22 08:25
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	EB101922	**Units:**	ug/L
Lab Code:	R2210017-015	**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	10/31/22 14:34	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 14:34	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 14:34	UJ
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 14:34	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 14:34	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 14:34	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 14:34	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 14:34	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 14:34	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	10/31/22 14:34	
Dibromofluoromethane	98	80 - 116	10/31/22 14:34	
Toluene-d8	98	87 - 121	10/31/22 14:34	

MKP 11/14/2022

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	VOC Trip Blank	**Units:**	ug/L
Lab Code:	R2210017-016	**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	10/31/22 14:56	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	10/31/22 14:56	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/31/22 14:56	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/31/22 14:56	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/31/22 14:56	
1,4-Dioxane	40 U	40	13	1	10/31/22 14:56	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/31/22 14:56	UJ
2-Hexanone	5.0 U	5.0	0.20	1	10/31/22 14:56	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/31/22 14:56	
Acetone	5.0 U	5.0	5.0	1	10/31/22 14:56	UJ
Benzene	1.0 U	1.0	0.20	1	10/31/22 14:56	
Bromochloromethane	1.0 U	1.0	0.20	1	10/31/22 14:56	
Bromodichloromethane	**0.94 J**	1.0	0.20	1	10/31/22 14:56	
Bromoform	1.0 U	1.0	0.25	1	10/31/22 14:56	
Bromomethane	1.0 U	1.0	0.70	1	10/31/22 14:56	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/31/22 14:56	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/31/22 14:56	
Chlorobenzene	1.0 U	1.0	0.20	1	10/31/22 14:56	
Chloroethane	1.0 U	1.0	0.23	1	10/31/22 14:56	
Chloroform	**1.3**	1.0	0.24	1	10/31/22 14:56	
Chloromethane	1.0 U	1.0	0.28	1	10/31/22 14:56	
Cyclohexane	1.0 U	1.0	0.26	1	10/31/22 14:56	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/31/22 14:56	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/31/22 14:56	UJ
Dichloromethane	1.0 U	1.0	0.65	1	10/31/22 14:56	
Ethylbenzene	1.0 U	1.0	0.20	1	10/31/22 14:56	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/31/22 14:56	
Methyl Acetate	2.0 U	2.0	0.33	1	10/31/22 14:56	UJ
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/31/22 14:56	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/31/22 14:56	
Styrene	1.0 U	1.0	0.20	1	10/31/22 14:56	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/31/22 14:56	
Toluene	1.0 U	1.0	0.20	1	10/31/22 14:56	

MKP 11/14/2022

Analytical Report

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22
Sample Matrix:	Water	**Date Received:**	10/19/22 11:55
Sample Name:	VOC Trip Blank	**Units:**	ug/L
Lab Code:	R2210017-016	**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	10/31/22 14:56	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/31/22 14:56	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/31/22 14:56	UJ
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/31/22 14:56	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/31/22 14:56	
m,p-Xylenes	2.0 U	2.0	0.20	1	10/31/22 14:56	
o-Xylene	1.0 U	1.0	0.20	1	10/31/22 14:56	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/31/22 14:56	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/31/22 14:56	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/31/22 14:56	
Dibromofluoromethane	96	80 - 116	10/31/22 14:56	
Toluene-d8	97	87 - 121	10/31/22 14:56	

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Appendix B

Laboratory QC Documentation

Client:	Marks Engineering, PC	**Service Request:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	10/19/22
Sample Matrix:	Water	**Date Received:**	10/19/22
		Date Analyzed:	10/31/22
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	DUP101922A	**Units:**	ug/L
Lab Code:	R2210017-013	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike RQ2213611-05			Duplicate Matrix Spike RQ2213611-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Dichlorodifluoromethane (CFC 12)	1.0 U	21.2	50.0	42 *	19.7	50.0	39 *	49-154	7	30
Dichloromethane	1.0 U	44.4	50.0	89	44.7	50.0	89	73-122	<1	30
Ethylbenzene	1.0 U	54.3	50.0	109	53.8	50.0	108	72-134	<1	30
Isopropylbenzene (Cumene)	1.0 U	55.4	50.0	111	54.5	50.0	109	77-128	1	30
Methyl Acetate	2.0 U	39.3	50.0	79	41.4	50.0	83	26-121	5	30
Methyl tert-Butyl Ether	1.0 U	47.7	50.0	95	48.8	50.0	98	75-119	2	30
Methylcyclohexane	1.0 U	47.1	50.0	94	45.0	50.0	90	45-146	5	30
Styrene	1.0 U	56.2	50.0	112	56.2	50.0	112	74-136	<1	30
Tetrachloroethene (PCE)	1.0 U	53.1	50.0	106	52.8	50.0	106	72-125	<1	30
Toluene	1.0 U	51.7	50.0	103	50.6	50.0	101	79-119	2	30
Trichloroethene (TCE)	31	80.5	50.0	100	78.9	50.0	97	74-122	2	30
Trichlorofluoromethane (CFC 11)	1.0 U	44.0	50.0	88	42.3	50.0	85	71-136	4	30
Vinyl Chloride	1.0 U	34.8	50.0	70 *	33.4	50.0	67 *	74-159	4	30
cis-1,2-Dichloroethene	1.0 U	45.8	50.0	92	45.6	50.0	91	77-127	<1	30
cis-1,3-Dichloropropene	1.0 U	53.8	50.0	108	53.5	50.0	107	52-134	<1	30
m,p-Xylenes	2.0 U	110	100	110	110	100	110	80-126	<1	30
o-Xylene	1.0 U	53.9	50.0	108	53.4	50.0	107	79-123	<1	30
trans-1,2-Dichloroethene	1.0 U	47.1	50.0	94	45.8	50.0	92	73-118	3	30
trans-1,3-Dichloropropene	1.0 U	55.2	50.0	110	55.2	50.0	110	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:**	R2210017
Project:	DLS Modock Road Springs/22-021	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2213674-04	**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	11/01/22 16:21	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.25	1	11/01/22 16:21	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	11/01/22 16:21	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	11/01/22 16:21	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	11/01/22 16:21	
1,4-Dioxane	40 U	40	13	1	11/01/22 16:21	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	11/01/22 16:21	
2-Hexanone	5.0 U	5.0	0.20	1	11/01/22 16:21	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	11/01/22 16:21	
Acetone	5.0 U	5.0	5.0	1	11/01/22 16:21	
Benzene	1.0 U	1.0	0.20	1	11/01/22 16:21	
Bromochloromethane	1.0 U	1.0	0.20	1	11/01/22 16:21	
Bromodichloromethane	1.0 U	1.0	0.20	1	11/01/22 16:21	
Bromoform	1.0 U	1.0	0.25	1	11/01/22 16:21	
Bromomethane	1.0 U	1.0	0.70	1	11/01/22 16:21	
Carbon Disulfide	1.0 U	1.0	0.42	1	11/01/22 16:21	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	11/01/22 16:21	
Chlorobenzene	1.0 U	1.0	0.20	1	11/01/22 16:21	
Chloroethane	1.0 U	1.0	0.23	1	11/01/22 16:21	
Chloroform	1.0 U	1.0	0.24	1	11/01/22 16:21	
Chloromethane	**0.37 J**	1.0	0.28	1	11/01/22 16:21	
Cyclohexane	1.0 U	1.0	0.26	1	11/01/22 16:21	
Dibromochloromethane	1.0 U	1.0	0.20	1	11/01/22 16:21	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	11/01/22 16:21	
Dichloromethane	1.0 U	1.0	0.65	1	11/01/22 16:21	
Ethylbenzene	1.0 U	1.0	0.20	1	11/01/22 16:21	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	11/01/22 16:21	
Methyl Acetate	**0.62 J**	2.0	0.33	1	11/01/22 16:21	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	11/01/22 16:21	
Methylcyclohexane	1.0 U	1.0	0.20	1	11/01/22 16:21	
Styrene	1.0 U	1.0	0.20	1	11/01/22 16:21	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	11/01/22 16:21	
Toluene	1.0 U	1.0	0.20	1	11/01/22 16:21	

Client: Marks Engineering, PC
Project: DLS Modock Road Springs/22-021
Sample Matrix: Water

Service Request: R2210017
Date Analyzed: 10/29/22

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2213492-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	11.3	20.0	56 *	59-155
Dichloromethane	8260C	18.5	20.0	93	73-122
Ethylbenzene	8260C	22.2	20.0	111	76-120
Isopropylbenzene (Cumene)	8260C	22.5	20.0	113	77-128
Methyl Acetate	8260C	15.4	20.0	77	61-133
Methyl tert-Butyl Ether	8260C	19.7	20.0	98	75-118
Methylcyclohexane	8260C	19.6	20.0	98	51-129
Styrene	8260C	22.6	20.0	113	80-124
Tetrachloroethene (PCE)	8260C	22.4	20.0	112	72-125
Toluene	8260C	21.1	20.0	105	79-119
Trichloroethene (TCE)	8260C	20.4	20.0	102	74-122
Trichlorofluoromethane (CFC 11)	8260C	19.1	20.0	95	71-136
Vinyl Chloride	8260C	15.1	20.0	76	74-159
cis-1,2-Dichloroethene	8260C	18.5	20.0	93	80-121
cis-1,3-Dichloropropene	8260C	21.9	20.0	109	77-122
m,p-Xylenes	8260C	45.4	40.0	114	80-126
o-Xylene	8260C	21.7	20.0	108	79-123
trans-1,2-Dichloroethene	8260C	19.2	20.0	96	73-118
trans-1,3-Dichloropropene	8260C	22.8	20.0	114	71-133

Client: Marks Engineering, PC
Project: DLS Modock Road Springs/22-021
Sample Matrix: Water

Service Request: R2210017
Date Analyzed: 10/31/22

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2213611-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	9.69	20.0	48 *	59-155
Dichloromethane	8260C	17.6	20.0	88	73-122
Ethylbenzene	8260C	20.9	20.0	105	76-120
Isopropylbenzene (Cumene)	8260C	21.1	20.0	106	77-128
Methyl Acetate	8260C	15.4	20.0	77	61-133
Methyl tert-Butyl Ether	8260C	18.9	20.0	95	75-118
Methylcyclohexane	8260C	19.4	20.0	97	51-129
Styrene	8260C	21.8	20.0	109	80-124
Tetrachloroethene (PCE)	8260C	20.9	20.0	105	72-125
Toluene	8260C	20.0	20.0	100	79-119
Trichloroethene (TCE)	8260C	19.6	20.0	98	74-122
Trichlorofluoromethane (CFC 11)	8260C	17.5	20.0	87	71-136
Vinyl Chloride	8260C	13.9	20.0	69 *	74-159
cis-1,2-Dichloroethene	8260C	17.9	20.0	90	80-121
cis-1,3-Dichloropropene	8260C	21.3	20.0	107	77-122
m,p-Xylenes	8260C	42.9	40.0	107	80-126
o-Xylene	8260C	20.8	20.0	104	79-123
trans-1,2-Dichloroethene	8260C	18.2	20.0	91	73-118
trans-1,3-Dichloropropene	8260C	21.9	20.0	110	71-133

Client: Marks Engineering, PC
Project: DLS Modock Road Springs/22-021
Sample Matrix: Water

Service Request: R2210017
Date Analyzed: 11/01/22

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2213674-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	10.8	20.0	54 *	59-155
Dichloromethane	8260C	17.1	20.0	85	73-122
Ethylbenzene	8260C	19.9	20.0	100	76-120
Isopropylbenzene (Cumene)	8260C	20.5	20.0	102	77-128
Methyl Acetate	8260C	16.2	20.0	81	61-133
Methyl tert-Butyl Ether	8260C	18.6	20.0	93	75-118
Methylcyclohexane	8260C	20.2	20.0	101	51-129
Styrene	8260C	21.2	20.0	106	80-124
Tetrachloroethene (PCE)	8260C	20.0	20.0	100	72-125
Toluene	8260C	18.9	20.0	95	79-119
Trichloroethene (TCE)	8260C	18.7	20.0	94	74-122
Trichlorofluoromethane (CFC 11)	8260C	16.5	20.0	83	71-136
Vinyl Chloride	8260C	13.3	20.0	66 *	74-159
cis-1,2-Dichloroethene	8260C	17.0	20.0	85	80-121
cis-1,3-Dichloropropene	8260C	20.7	20.0	104	77-122
m,p-Xylenes	8260C	41.0	40.0	103	80-126
o-Xylene	8260C	20.0	20.0	100	79-123
trans-1,2-Dichloroethene	8260C	17.4	20.0	87	73-118
trans-1,3-Dichloropropene	8260C	21.3	20.0	107	71-133

Client: Marks Engineering, PC
Project: DLS Modock Road Springs/22-021

Service Request: R2210017
Date Analyzed: 10/29/22 10:55

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

Analysis Method: 8260C
File ID: I:\ACQUDATA\MSVOA16\Data\102922\C3364.D\
Signal ID: 1

Calibration Date: 9/26/2022
Calibration ID: RC2200104
Analysis Lot: 783180
Units: ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	46.2	0.6597	0.6091	-7.7	NA	±20	Average RF
1,1,2,2-Tetrachloroethane	50.0	45.6	0.9519	0.8682	-8.8	NA	±20	Average RF
1,1,2-Trichloroethane	50.0	48.4	0.3322	0.3214	-3.3	NA	±20	Average RF
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.7	0.4232	0.387	-8.5	NA	±20	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	43.7	0.7764	0.6787	-12.6	NA	±20	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	45.1	0.4143	0.3739	-9.7	NA	±20	Average RF
1,2,3-Trichlorobenzene	50.0	50.0	1.2365	1.2366	0.0	NA	±20	Average RF
1,2,4-Trichlorobenzene	50.0	50.3	1.2609	1.2683	0.6	NA	±20	Average RF
1,2-Dibromo-3-chloropropane (DBCP)	50.0	50.2	0.2552	0.2563	0.5	NA	±20	Average RF
1,2-Dibromoethane	50.0	49.4	0.3566	0.3523	-1.2	NA	±20	Average RF
1,2-Dichlorobenzene	50.0	48.0	1.5857	1.5223	-4.0	NA	±20	Average RF
1,2-Dichloroethane	50.0	45.5	0.4121	0.3745	-9.1	NA	±20	Average RF
1,2-Dichloropropane	50.0	47.3	0.3284	0.3104	-5.5	NA	±20	Average RF
1,3-Dichlorobenzene	50.0	48.0	1.5941	1.5292	-4.1	NA	±20	Average RF
1,4-Dichlorobenzene	50.0	46.9	1.6405	1.5375	-6.3	NA	±20	Average RF
1,4-Dioxane	1000	969	0.0056	0.0054	-3.1	NA	±20	Average RF
2-Butanone (MEK)	50.0	40.8	0.2722	0.2221	-18.4	NA	±20	Average RF
2-Hexanone	50.0	48.5	0.2729	0.2649	-2.9	NA	±20	Average RF
4-Methyl-2-pentanone	50.0	47.2	0.3713	0.3501	-5.7	NA	±20	Average RF
Acetone	50.0	38.9	0.1924	0.1496	-22.2*	NA	±20	Average RF
Benzene	50.0	48.4	1.2398	1.1988	-3.3	NA	±20	Average RF
Bromochloromethane	50.0	43.9	0.3554	0.3121	-12.2	NA	±20	Average RF
Bromodichloromethane	50.0	46.8	0.4569	0.4272	-6.5	NA	±20	Average RF
Bromoform	50.0	52.0	0.3122	0.3244	3.9	NA	±20	Average RF
Bromomethane	50.0	49.9	0.3097	0.2579	NA	-0.2	±20	Quadratic
Carbon Disulfide	50.0	43.7	1.212	1.0599	-12.6	NA	±20	Average RF
Carbon Tetrachloride	50.0	50.9	0.3981	0.4054	1.8	NA	±20	Average RF
Chlorobenzene	50.0	49.4	1.0006	0.9884	-1.2	NA	±20	Average RF
Chloroethane	50.0	50.4	0.3011	0.3033	0.7	NA	±20	Average RF
Chloroform	50.0	42.2	0.8948	0.6967	NA	-15.5	±20	Quadratic
Chloromethane	50.0	40.3	0.5398	0.4348	-19.5	NA	±20	Average RF
Cyclohexane	50.0	47.6	0.2587	0.2464	-4.7	NA	±20	Average RF
Dibromochloromethane	50.0	50.4	0.4027	0.406	0.8	NA	±20	Average RF
Dichlorodifluoromethane (CFC 12)	50.0	42.1	0.5813	0.4888	-15.9	NA	±20	Average RF
Dichloromethane	50.0	43.1	0.4862	0.4191	-13.8	NA	±20	Average RF
Ethylbenzene	50.0	52.0	0.5101	0.5301	3.9	NA	±20	Average RF
Isopropylbenzene (Cumene)	50.0	52.5	1.5084	1.5832	5.0	NA	±20	Average RF
Methyl Acetate	50.0	40.2	0.4695	0.3777	-19.6	NA	±20	Average RF
Methyl tert-Butyl Ether	50.0	47.1	1.3398	1.262	-5.8	NA	±20	Average RF

Client: Marks Engineering, PC
Project: DLS Modock Road Springs/22-021

Service Request: R2210017
Date Analyzed: 10/31/22 11:30

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

Analysis Method: 8260C
File ID: I:\ACQUDATA\MSVOA16\Data\103122\C3426.D\
Signal ID: 1

Calibration Date: 9/26/2022
Calibration ID: RC2200104
Analysis Lot: 783324
Units: ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	46.3	0.6597	0.6111	-7.4	NA	±20	Average RF
1,1,2,2-Tetrachloroethane	50.0	45.6	0.9519	0.8677	-8.8	NA	±20	Average RF
1,1,2-Trichloroethane	50.0	48.1	0.3322	0.3196	-3.8	NA	±20	Average RF
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.8	0.4232	0.3962	-6.4	NA	±20	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	44.6	0.7764	0.6919	-10.9	NA	±20	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	44.5	0.4143	0.3685	-11.0	NA	±20	Average RF
1,2,3-Trichlorobenzene	50.0	52.2	1.2365	1.2897	4.3	NA	±20	Average RF
1,2,4-Trichlorobenzene	50.0	52.6	1.2609	1.326	5.2	NA	±20	Average RF
1,2-Dibromo-3-chloropropane (DBCP)	50.0	50.0	0.2552	0.2554	0.1	NA	±20	Average RF
1,2-Dibromoethane	50.0	49.4	0.3566	0.3521	-1.3	NA	±20	Average RF
1,2-Dichlorobenzene	50.0	48.8	1.5857	1.5471	-2.4	NA	±20	Average RF
1,2-Dichloroethane	50.0	46.1	0.4121	0.3798	-7.8	NA	±20	Average RF
1,2-Dichloropropane	50.0	47.7	0.3284	0.3134	-4.6	NA	±20	Average RF
1,3-Dichlorobenzene	50.0	49.1	1.5941	1.5667	-1.7	NA	±20	Average RF
1,4-Dichlorobenzene	50.0	48.9	1.6405	1.6034	-2.3	NA	±20	Average RF
1,4-Dioxane	1000	984	0.0056	0.0055	-1.6	NA	±20	Average RF
2-Butanone (MEK)	50.0	39.7	0.2722	0.2163	-20.5*	NA	±20	Average RF
2-Hexanone	50.0	48.6	0.2729	0.2651	-2.8	NA	±20	Average RF
4-Methyl-2-pentanone	50.0	48.1	0.3713	0.3569	-3.9	NA	±20	Average RF
Acetone	50.0	38.0	0.1924	0.1463	-24.0*	NA	±20	Average RF
Benzene	50.0	47.7	1.2398	1.1833	-4.6	NA	±20	Average RF
Bromochloromethane	50.0	44.4	0.3554	0.3155	-11.2	NA	±20	Average RF
Bromodichloromethane	50.0	46.3	0.4569	0.4235	-7.3	NA	±20	Average RF
Bromoform	50.0	52.2	0.3122	0.3261	4.5	NA	±20	Average RF
Bromomethane	50.0	51.4	0.3097	0.2653	NA	2.9	±20	Quadratic
Carbon Disulfide	50.0	46.2	1.212	1.1189	-7.7	NA	±20	Average RF
Carbon Tetrachloride	50.0	50.3	0.3981	0.4005	0.6	NA	±20	Average RF
Chlorobenzene	50.0	50.1	1.0006	1.0022	0.2	NA	±20	Average RF
Chloroethane	50.0	48.5	0.3011	0.2919	-3.1	NA	±20	Average RF
Chloroform	50.0	41.9	0.8948	0.691	NA	-16.3	±20	Quadratic
Chloromethane	50.0	42.5	0.5398	0.4586	-15.0	NA	±20	Average RF
Cyclohexane	50.0	43.9	0.2587	0.2271	-12.2	NA	±20	Average RF
Dibromochloromethane	50.0	50.4	0.4027	0.4056	0.7	NA	±20	Average RF
Dichlorodifluoromethane (CFC 12)	50.0	43.1	0.5813	0.5015	-13.7	NA	±20	Average RF
Dichloromethane	50.0	43.2	0.4862	0.4203	-13.6	NA	±20	Average RF
Ethylbenzene	50.0	52.5	0.5101	0.5351	4.9	NA	±20	Average RF
Isopropylbenzene (Cumene)	50.0	52.8	1.5084	1.593	5.6	NA	±20	Average RF
Methyl Acetate	50.0	38.5	0.4695	0.3615	-23.0*	NA	±20	Average RF
Methyl tert-Butyl Ether	50.0	46.5	1.3398	1.2455	-7.0	NA	±20	Average RF

Appendix C

Validator Qualifications

KENNETH R. APPLIN
Geochemist/Data Validator

Ph.D., Geochemistry and Mineralogy, The Pennsylvania State University

M.S., Geochemistry and Mineralogy, The Pennsylvania State University

B.A., Geological Sciences, SUNY at Geneseo, NY

Dr. Applin has over 35 years of experience working with the geochemistry of natural waters. His prior experience includes working as an Assistant Professor of Geology at the University of Missouri-Columbia and as Chief Hydrogeologist and Geochemist with a leading engineering firm in Rochester, NY. In 1993, he established KR Applin and Associates, a small consulting business that focuses on the geochemistry of natural waters, especially as applied to problems involving the contamination of groundwater and surface water.

Dr. Applin is also an experienced analytical data validator and has provided data validation services since 1994 to a variety of clients performing brownfield cleanup projects, hazardous waste remediation, groundwater monitoring at solid waste facilities, and other projects requiring third-party data validation. Dr. Applin has several years of hands-on experience with the laboratory analysis of natural waters and has successfully completed the USEPA Region II certification courses for performing inorganic and organic analytical data validation.

MICHAEL K. PERRY
Chemist/Data Validator

B.S. Chemistry, Georgia State University, Atlanta, GA

A.A.S., Chemical Technology, Alfred State College, Alfred, NY

Mr. Perry has over 30 years of experience in the analytical laboratory business. During his early career, he spent several years as a laboratory analyst performing the analysis of soil, water, and air samples for inorganic and organic chemical parameters. During his last 20 years in the environmental laboratory business, he managed and directed two major analytical laboratories in Rochester, NY. His management responsibilities included oversight of the daily operations of the lab, staff training and supervision, the selection, purchase, and maintenance of analytical instruments, the introduction of new laboratory methods, analytical quality assurance and quality control, data acquisition and management, and other business-related activities.

Mr. Perry has an extensive working knowledge of the methods and procedures used for sampling and analyzing both inorganic and organic analytes in soil, water, and air. He is an accomplished laboratory chemist and is familiar with the analytical methods and procedures established under the USEPA Contract Laboratory Protocols (CLP), the NYSDEC Analytical Services Protocols (ASP), and the NYSDOH Environmental Laboratory Approval Program (ELAP).

MarksEngineering

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

jwolf@marksengineering.com

From: Noll, Rebecca <rnoll@LaBellaPC.com>
Sent: Thursday, January 12, 2023 1:24 PM
To: dec.sm.NYENVDATA; Gregory, Charles T (DEC)
Cc: jwolf@marksengineering.com
Subject: New EDD set for Modock Springs-DLS Sand and Gravel, Inc., Site 835013
Attachments: 20230112 1318.835013.NYSDEC_MERGE.zip; 20230112 1320.835013.NYSDEC_MERGE.zip

Attached please find three new locations , together with new Groundwater and Soil Vapor data for Modock Springs-DLS Sand and Gravel, Inc., Site 835013.

Rebecca Noll
LaBella Associates | GIS & Environmental Specialist

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