PERIODIC REVIEW REPORT
REPORTING PERIOD: MARCH 26, 2019 THROUGH JULY 26, 2020

147 STATE STREET
MANCHESTER, NEW YORK
NYSDEC SITE NO. B00131

This Periodic Review Report (PRR) was prepared in accordance with the provisions of the document *DER-10 Technical Guidance for Site Investigation and Remediation* (DER-10). This is the first PRR submitted for New York State Department of Environmental Conservation (NYSDEC) Site No. B00131 located at 147 State Street, Village of Manchester, Ontario County, New York (the Site). This document presents a summary of site characterization and remedial activities conducted at the Site pursuant to obtaining a Certificate of Completion issued on March 26, 2019, and the site management activities completed in the period between March 26, 2019 and July 26, 2020 (the reporting period). The site management requirements are outlined in the document titled *Frederick Property, Ontario County, Manchester, New York, Site Management Plan, NYSDEC Site Number: B00131*, dated February 2019 (the SMP).

This report includes the following elements:

- Site background information;
- identification of the remedial goals established for the Site;
- a description of the ICs and ECs for the Site;
- a review of monitoring protocols and results;
- a description of site monitoring activities, including a site inspection and groundwater monitoring;
- an evaluation of the remedy performance, effectiveness and protectiveness; and,
- conclusions and recommendations based on the work completed to date.

I. Executive Summary

A. Site Conditions, Contamination and Remedial History

- The Site consists of a 0.48-acre parcel of currently undeveloped land that previously contained a gasoline station/vehicle repair facility (refer to the Project Locus Map included as Figure 1).
- The Village of Manchester obtained ownership of the Frederick Property in 1999, and subsequently entered into a State Assistance Contract (SAC) with the NYSDEC to remediate the Site.
- Between 2000 and 2003, various studies were completed to characterize environmental conditions at the Site and to identify potential remedial actions. The studies completed and the findings/conclusions are summarized in the SI/RAR a

report. In conjunction with the above studies, an Interim Remedial Measure (IRM) was conducted in 2000 and 2001 to remove the USTs and petroleum-impacted soil adjacent to the tanks.

- The Site was remediated in accordance with the provisions of a 2004 Record of Decision (ROD), issued by the NYSDEC, in consultation with the New York State Department of Health (NYSDOH). The ROD included Remedial Action Objectives for public health protection and environmental protection pertaining to Site related soil and groundwater. The ROD also specified the selected remedy for the Site, as Track 4 Restricted (Residential) Use. See Section II.B of the PRR for a summary of the remedial actions completed under the ROD.

- Day Environmental, Inc. (DAY) prepared the SMP on behalf of the Village of Manchester, and this document was approved by the NYSDEC. The site management requirements outlined in Section 6.3(b) of DER-10, and the SMP were implemented at the Site beginning on March 26, 2019.

- A certificate of completion (COC) was issued for NYSDEC Site #B00131 on March 26, 2019, documenting completion of the remedial program. The COC identified ongoing requirements for the Site, including compliance with the SMP, periodic reporting through PRRs, and periodic certification of the Engineering Controls (EC) and Institutional Controls (IC) that are required at the Site.

B. Effectiveness of the Remedial Program

Progress made during the reporting period toward meeting the remedial objectives for the Site include continued operation and monitoring of the EC, consisting of the site-wide cover system; and post-remediation groundwater sampling and testing. Monitoring data from the work completed to date shows that the remedial program is currently meeting, and has the ability to achieve, the remedial objectives for the Site.

C. Compliance

No areas of non-compliance with the SMP were identified during the reporting period. As such, no steps are currently deemed necessary to correct areas of non-compliance.

D. Recommendations

1. The requirements identified in the SMP for the Site were met during the reporting period, and no modifications are required to bring the plan into compliance.

2. It is recommended that the frequency of future PRRs remain as identified in the SMP (i.e., submitted every year subsequent to this report, such that the next PRR covers the reporting period July 27, 2020 through July 26, 2021).

3. Based upon the results of groundwater sampling and testing, reported over a thirteen-year period, the remedy has been confirmed to be effective. However, due to the redundant nature of the groundwater test results collected to date, it is recommended that the scope of the post-remediation groundwater monitoring program be modified to eliminate the annual sampling/testing of groundwater monitoring wells MW-2,

MW-3, MW-4, MW-6, RW-2 and RW-3, and that the annual sampling of groundwater monitoring MW-A, MW-5 and RW-1 continue. Further it is recommended that the groundwater samples from these locations be tested only for VOCs, to continue tracking long-term natural attenuation at the Site. Other site management and monitoring activities specified in the SMP should continue to be performed.

4. Since residual contamination remains at the Site, it is recommended that site management requirements described in the SMP be continued document the continued effectiveness of the ICs and ECs implemented.

II. Site Overview

A. Site Location, Site Features and Nature and Extent of Contamination

The Site is located in the Village of Manchester, Ontario County, New York and is identified as Township VM 031.20, Block 1 and Lot 4 on the Village of Manchester Tax Map. The Site is an approximately 0.48-acre area and is bound by State Street to the north, a Niagara Mohawk Power Corporation Utility Right-of-Way (ROW) to the south, residential properties to the east, and a residential property to the west. A Property Survey Map of the Site is included in Attachment A of this document.

The properties adjoining the Site, and in the neighborhood surrounding the Site, include industrial, commercial and residential properties. The properties immediately south of the Site include a utility ROW with industrial property beyond; the properties immediately north of the Site include commercial and residential properties; the properties immediately east of the Site include residential properties; and the properties to the west of the Site include residential properties.

The Site is currently vacant and covered by lawn-type vegetation, which is periodically maintained by the Village of Manchester. The Site previously contained a gasoline station/vehicle repair facility.

A Site Investigation (SI) was performed to characterize the nature and extent of contamination at the Site. The results of this study are described in the following report:

- *Site Investigation/Remedial Alternatives Report, Frederick Property Environmental Restoration Project, 147 State Street, NYSDEC Site B00131-8, Manchester, New York* dated September 2003.

The September 2003 SI identified the following conditions at the Site, prior to remediation:

- Impacts to subsurface soil from petroleum related volatile organic compounds (VOC) (i.e., 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, and mixed xylenes);

- Impacts to bedrock groundwater from petroleum related VOC (i.e., benzene, ethylbenzene, isopropylbenzene, toluene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, and mixed xylenes), petroleum related semi-volatile organic compounds (SVOC) (i.e., 4-methylphenol and naphthalene) and chlorinated VOC

(i.e., tetrachloroethene and breakdown products trichloroethene and 1,2-dichloroethene); and

- Impacts to overburden groundwater from petroleum related SVOC (i.e., 4-methylphenol) and bis(2-ethylhexyl)phthalate.

B. Chronology

A chronology of Remedial Actions performed at the Site is presented below.

- The Village of Manchester obtained ownership of the Frederick Property in 1999, and subsequently entered into the ERP administered by the NYSDEC to evaluate and remediate the Site as necessary.
- The Site was remediated in accordance with the provisions of a 2004 Record of Decision (ROD), issued by the NYSDEC, in consultation with the NYSDOH. The ROD included Remedial Action Objectives for public health protection and environmental protection pertaining to Site related soil and groundwater. The ROD also specified the selected remedy for the Site, as Track 4 Restricted (Residential) Use. Elements of the Remedy included:
    - Demolition of the building and the removal of the floor drainage piping, in-ground hydraulic lift units, and environmentally impacted soil;
    - removal of the dry well and environmentally impacted soil;
    - removal of soil containing concentrations of constituents that exceeded applicable Standards, Criteria, and Guidance (SCGs) to preclude adverse impacts (i.e., generally to achieve a Restricted Residential Use Soil Cleanup Objective (SCO)];
    - development of a SMP describing monitoring to document the effectiveness of the remediation and presenting procedures to address environmental impacts that could be encountered during future redevelopment or maintenance of the Site;
    - annual certification, prepared and submitted by a professional engineer or environmental professional, which will document that the institutional and engineering controls put in place are unchanged from the previous certification and nothing has occurred that will impair the ability of the control to protect public health or the environment or constitute a violation or failure to comply with any operation and maintenance or site management plan; and
    - implementation of institutional controls to restrict the use of groundwater and prevent vapor intrusion into buildings constructed on the Site in the future.
- In 2005, the building was demolished and removed from the Site although some features remained including the building foundation, concrete slabs for the building and the pump island, the dry well and associated piping. In 2006 and 2007, the concrete pads, hydraulic lift system and dry well were removed. In conjunction with this work, contaminated soil was removed replaced with imported fill material.

- Following the removal of structures associated with former operations conducted at the Site (e.g., USTs, in-ground hydraulic lifts, a dry well, concrete pads and footers) and contaminated soil, 'clean' backfill was placed and compacted in the resulting excavations. Subsequently, a minimum of three inches of topsoil was reportedly placed above the backfill and grass seed, fertilizer and mulch were added.
- DAY prepared a SMP for the Site on behalf of the Village of Manchester, dated February 2019, and this document was approved by the NYSDEC. The site management requirements outlined in Section 6.3(b) of DER-10, and the SMP were implemented at the Site beginning on March 29, 2019. The SMP includes an Institutional and Engineering Control Plan that identifies use restrictions and engineering controls for the site, a Monitoring Plan to assess the performance and effectiveness of the Remedy, and details the steps and media-specific requirements necessary to ensure that the institutional and/or engineering controls remain in place and effective.
- A COC was issued for NYSDEC Site #B00131 on March 29, 2019, documenting completion of the remedial program. The COC identified ongoing requirements for the Site, including compliance with the SMP, periodic reporting through PRRs, and periodic certification of the Engineering Controls (EC) and Institutional Controls (IC) that are required at the Site.

As presented in the ROD, the cleanup goals for the Site are to prevent ingestion/direct contact with contaminated soil and groundwater, prevent exposure to onsite groundwater, prevent exposure to contaminants volatizing from subsurface locations, prevent migration of contaminants and, to the extent practicable, restoration of the groundwater to pre-disposal/pre-release conditions. Generally, remedial processes are considered complete when effectiveness monitoring indicates that the remedy has achieved the remedial action objectives identified by the decision document. The framework for determining when remedial processes are complete is provided in Section 6.6 of NYSDEC DER-10.

III. Evaluation of Remedy Performance, Effectiveness and Protectiveness

The Site remedy included:

- the placement, and maintenance, of a site-wide cover system (i.e., soil cover over exterior locations) to prevent direct contact with impacted materials (i.e., surface soil, subsurface soil/fill, etc.),
- institutional controls to prevent exposure to onsite groundwater.

The effectiveness of this remedy is evaluated by the completion of annual inspections of the cover system, and post-remediation groundwater sampling.

- On July 8, 2020, a DAY representative completed the annual inspection of the site-wide cover system. A copy of the site-wide inspection form completed during the July 8, 2020 inspection is included in Attachment B. Photographs, taken on July 8, 2020 illustrating the condition of the exterior site cover on that date, are also included in Attachment B.
- The results of the groundwater monitoring completed at the Site are discussed in Section V of this PRR.

IV. IC/EC Compliance Report

A. IC/EC Compliance Report

1. A description of each control, its objective, and how performance of the control is evaluated is provided below.

   - Groundwater Use Restriction: restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH). The effectiveness of this control is evaluated based upon monitoring of groundwater usage at the Site (or lack thereof).

   - Land use Restriction: allows the use and development of the controlled property for restricted residential, commercial or industrial uses as defined by 6 NYCRR Part 375-1.8(g), although land use is subject to local zoning laws. The effectiveness of this control is evaluated based upon monitoring of land usage at the Site.

   - Site Management Plan: The objective of the SMP is to manage remaining contamination present at the Site that is above regulatory criteria in a manner that is protective of human health and the environment. The SMP includes an Institutional and Engineering Control (IC/EC) Plan, and an excavation work plan (i.e., included as Appendix E of the SMP). The effectiveness of the controls outlined above is evaluated through monitoring and periodic certification. Controls on the Site include:

     - Maintenance of a site-wide cover system to provide a barrier above soil containing concentrations that exceed the Unrestricted Use SCOs. The cover system consists of soil and vegetative cover at the ground surface;

     - Implementation of specific requirements outlined in the SMP, including the provisions of the IC/EC Plan (i.e. Excavation Work Plan and Soil Vapor Intrusion Evaluation) and Site Monitoring Plan, to assure the provisions described in these documents are followed.

2. Status:

   Each control is fully in place, is being adhered to, and appears to be effective as of the date of this report.

   During the annual inspection of the site-wide cover system that occurred on July 8, 2020 an approximate 5 ft. by 9 ft. area, located near the northwest corner of the Site, was observed to be largely bare of vegetative cover. A gravel-type material was observed, exposed at the ground surface in this area amidst sparse vegetation. The ground surface in this area is generally flat, and bound to the north by a concrete sidewalk and to the west by the driveway on the adjacent property. Evidence of erosion of the soil/gravel cover from this area of the Site was not observed. The Photographs taken on July 26, 2016, which document the area described, are included in Attachment B.

3. Corrective Measures:

   None required.

4. Conclusions and Recommendations for Changes:

   The controls are being effectively implemented as of the date of this report, and no changes are deemed necessary at this time.

B. IC/EC Certification

Certification Statement and forms are included as Attachment C to this report.

V. Monitoring Plan Compliance Report

A. Components

- Site-Wide Inspections: annual inspections are required to observe and document the condition of the cover system installed at the Site. Site-wide inspections are also required after all severe weather events that have the potential to affect ECs.

- Post Remediation Media Monitoring and Sampling: Groundwater samples are collected/tested on a routine basis to assess the performance of the remedy.

B. Summary of the Monitoring Completed

- Site-Wide Inspections: On July 8, 2020, a DAY representative completed the annual inspection of the site-wide cover system. A copy of the site-wide inspection form completed for July 8, 2020 is included in Attachment B. Photographs, taken on July 8, 2020 illustrating the condition of the exterior site cover on that date, are also included in Attachment B.

- Post Remediation Media Monitoring and Sampling:

  During the reporting period, two post-remediation groundwater sampling events were completed at the Site (occurring July 1 to 2, 2019 and July 7 to 8, 2020). The results of the groundwater sampling event completed on July 1 to 2, 2019 are described in a report titled, *Annual Groundwater Monitoring, Frederick Property: ERP Site No. B00131, 147 State Street, Manchester, New York* dated August 6, 2019, which was transmitted to the NYSDEC on August 12, 2019, and a copy of this report is included as Attachment D. The results of the groundwater sampling conducted July 7 to 8, 2020 are provided herein as follows:

  - Copies of the groundwater sampling logs are included in Attachment E. The approximate locations of the monitoring wells sampled are depicted on Figure 2.

  - Copies of the analytical laboratory reports are included in Attachment F.

  - A summary of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) detected by the analytical laboratory in the groundwater

samples are presented on Table 1 and Table 2A, respectively [Note: a summary of results from each post-remediation groundwater sampling event completed between August 22, 2007 and July 2, 2019 are also included on Table 1 and Table 2A]. A summary of the SVOCs detected by the analytical laboratory in the groundwater samples collected July 7 to 8, 2020 using the selected ion monitoring (SIM) method are presented in Table 2B.

C. Comparison with Remedial Objectives

- Site-Wide Inspections: The results of the site-wide inspection indicate that remedial objectives were achieved during the reporting period. Specifically, the site-wide inspection revealed that the cover system is intact and functioning as designed to eliminate direct contact.

- Post Remediation Media Monitoring and Sampling: As depicted on Figure 2, and on the Figure included in Attachment D, measurements of static water levels within the overburden monitoring wells completed on July 1, 2019 and July 8, 2020 indicate that groundwater flow within the overburden zone at the Site is generally toward the east and southeast, and measurements of static water levels within the bedrock monitoring wells on these dates indicate that groundwater flow within the upper bedrock zone at the Site is generally toward the west and northwest. The flow patterns calculated during the reporting period for the overburden zone are generally consistent with the flow pattern described in the ROD (i.e., MW-1 as the upgradient well, MW-5 and MW-6 as the downgradient wells). However, the flow patterns calculated during the reporting period for the upper bedrock zone is opposite to the flow pattern described in the ROD (i.e., RW-1 as the upgradient well, RW-3 as the downgradient well, with flow toward the south), so that bedrock well RW-1 is currently the downgradient on-site well in the bedrock zone

  The following compounds were detected at concentrations in excess of the NYSDEC groundwater standards or guidance values during the reporting period:

  - Petroleum-related VOC 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, ethylbenzene, isopropylbenzene, toluene, m,p-xylene, o-xylene, n-propylbenzene were measured in both the groundwater samples collected during the reporting period (i.e., July 1, 2019 and July 8, 2020) from monitoring well MW-A in excess of their respective NYSDEC groundwater standards. In addition, the concentration of benzene measured in the groundwater sample collected from MW-A on July 1, 2019 and the concentration of n-butylbenzene measured in the groundwater sample collected from MW-A on July 8, 2020 also exceeded their respective NYSDEC groundwater standard. The concentration of each petroleum related VOC that exceeded NYSDEC groundwater standards in the samples collected from monitoring well MW-A during the reporting period are lower than the concentrations of those compounds measured in the groundwater sample collected from MW-A during previous monitoring events, suggesting possible natural attenuation of these compounds.

  - Petroleum-related SVOC naphthalene was measured in both the groundwater samples collected during the reporting period (i.e., July 1, 2019 and July 8, 2020) from monitoring well MW-A in excess of the respective NYSDEC groundwater guidance value. The concentrations of naphthalene in the samples collected from

monitoring well MW-A during the reporting period are lower than the concentration naphthalene measured in the groundwater sample collected from MW-A previously, suggesting natural attenuation of naphthalene may be occurring.

- Bis(2-ethylhexyl)phthalate was measured in the groundwater sample collected from MW-A on July 1, 2019 at a concentration of 180 micrograms per liter or parts per billion (ppb) and in the groundwater sample collected from RW-1 on July 2, 2019 at a concentration of 490 ppb. These concentrations exceed the NYSDEC groundwater standard of 5 ppb for bis(2-ethylhexyl)phthalate. However, the concentrations of bis(2-ethylhexyl)phthalate measured in the groundwater samples collected from MW-A and RW-1 on July 8, 2020 and July 7, 2020 (respectively) were below the detection limit of 1.5 ppb in the MW-A sample and an estimated concentration of 2.3 ppb in the RW-1 sample. Thus, the elevated concentrations of bis(2-ethylhexyl)phthalate measured in 2019 groundwater samples from MW-A and RW-1 appear anomalous and not indicative of the groundwater conditions at these locations.

- One or more of the polyaromatic hydrocarbon (PAH) SVOC benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and/or indeno(1,2,3-cd)pyrene were measured in the groundwater samples collected on July 7, 2020 from monitoring wells MW-03, MW-05 and RW-1 in excess of their respective NYSDEC groundwater standards. The estimated concentrations of these PAHs ranged between 0.02 ppb and 0.03 ppb, and were detected by the analytical laboratory using SIM methodology. The source of these PAHs is unknown, but these PAHs are not suspected to be related to the petroleum impacts present at the Site (i.e., since the groundwater sample collected from MW-A, did not contain concentrations of these PAHs above the detection limits reported by the analytical laboratory). It is suspected that these PAHs were present in the groundwater at the Site prior to the July 2020 sampling event, but at concentrations below the previous detection capabilities of the analytical laboratory (i.e., previous to the SIM methodology).

The chlorinated VOC tetrachloroethene, and breakdown products trichloroethene and 1,2-dichlorothene, were detected in the groundwater samples collected during the reporting period from bedrock wells RW-1 and RW-2 at concentrations below their respective NYSDEC groundwater standards. The presence of tetrachloroethene, and breakdown products trichloroethene and 1,2-dichlorothene has been measured in groundwater samples collected from bedrock monitoring wells at the Site since at least 2003, however, the concentrations of these compounds measured in monitoring wells RW-1, RW-2 and/or RW-3 have not exceeded their respective NYSDEC groundwater standards since 2009.

D. Monitoring Deficiencies

There are no monitoring deficiencies identified at this time.

E. Conclusions and Recommendations for Changes

- Site-Wide Inspection: The site-wide inspection confirmed that the remedial systems/actions for the Site are functioning properly, and effective in achieving their

intended objectives. No changes to the site-wide inspection or remedial actions are recommended at this time.

- Post Remediation Media Monitoring and Sampling:

  It is recommended that post-remediation groundwater sampling and testing continue to be completed in accordance with the procedures outlined in the SMP. However, due to the redundant nature of the groundwater test results collected to date, it is recommended that the scope of the post-remediation groundwater monitoring program be modified to eliminate annual sampling/testing from groundwater monitoring wells MW-2, MW-3, MW-4, MW-6, RW-2 and RW-3. It is recommended that the annual sampling of groundwater monitoring MW-A, MW-5 and RW-1 be continued, and that the groundwater samples from these locations be tested only for VOCs, to continue tracking long-term natural attenuation at the Site.

VII. Overall PRR Conclusions and Recommendations

A. Compliance with SMP

The requirements identified in the SMP for the Site were met during the reporting period, and, with the exception of a revision to the scope of the Post Remediation Groundwater Monitoring, no modifications are required to bring the plan into compliance.

B. Performance and Effectiveness of the Remedy

An evaluation of the components of the SMP during the reporting period indicated that:

- the IC/EC controls are protective of human health and the environment;
- the monitoring plan sufficiently monitored the performance of the remedies implemented;
- the O&M Plan adequately addressed the on-going operation of the SSDS; and
- the remedial program is achieving the remedial goals identified for the Site.

C. Future PRR Submittals

1. It is recommended that the frequency of future PRRs remain as identified in the SMP (i.e., submitted every year subsequent to this report, such that the next PRR covers the reporting period July 27, 2020 through July 26, 2021).

2. The requirements for site closure have not been achieved. As such, it is recommended that site management continue.

PERIODIC REVIEW REPORT
REPORTING PERIOD: MARCH 26, 2019 THROUGH JULY 26, 2020

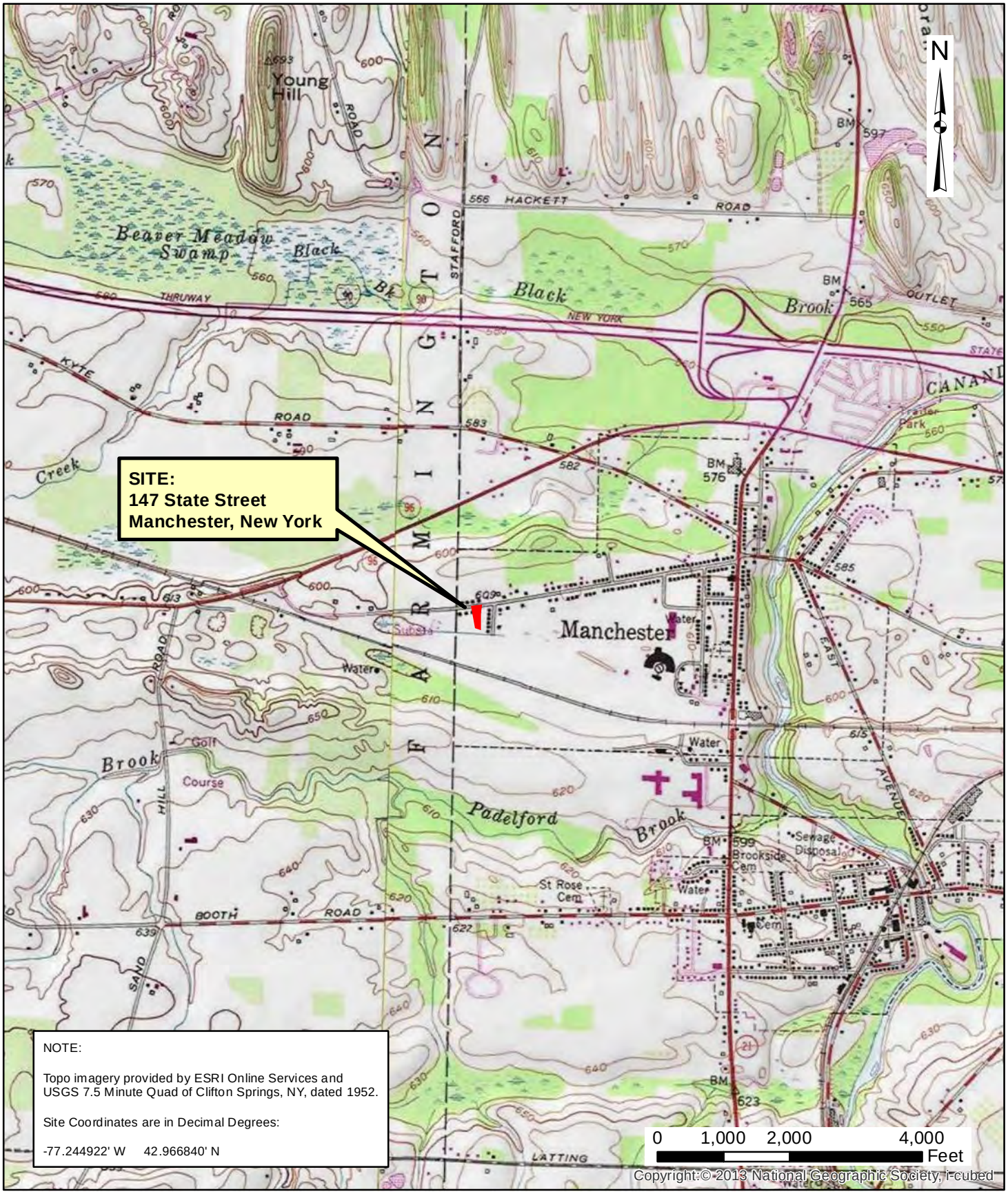
147 STATE STREET
MANCHESTER, NEW YORK
NYSDEC SITE NO. B00131

FIGURES

TABLES

ATTACHMENTS

FIGURES



Date: 01-10-2019	day **DAY ENVIRONMENTAL, INC.** **Environmental Consultants** **Rochester, New York 14606** **New York, New York 10170**	Project Title: FREDERICK PROPERTY 147 STATE STREET MANCHESTER, NEW YORK NYSDEC SITE: B00131-8 Drawing Title: Project Locus Map	Project No.: 5474S-18 FIGURE 1
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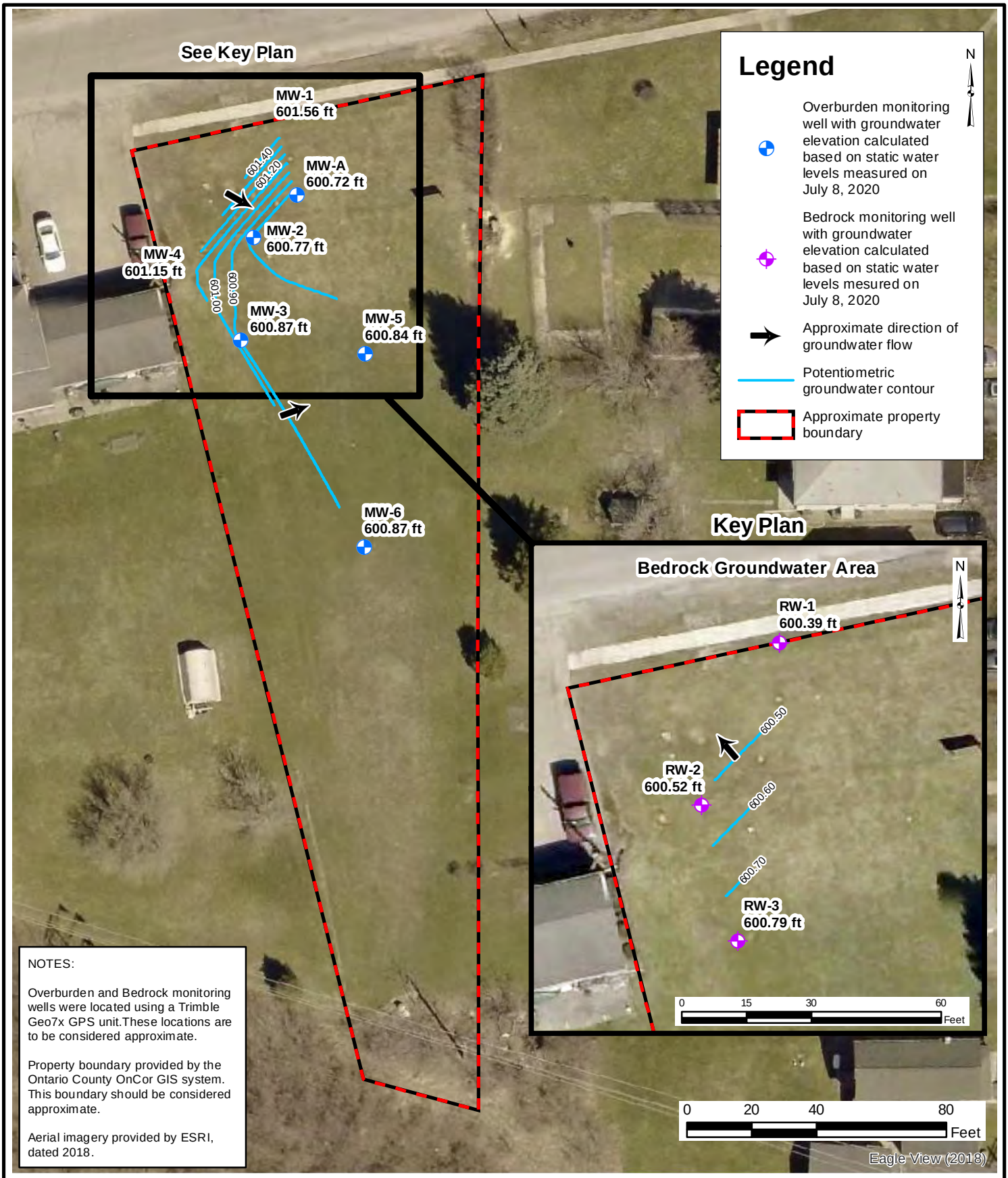
Last Date Saved: 10 Jan 2019



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Date: 07-28-2020 Drawn By: CPS Scale: AS NOTED	day **DAY ENVIRONMENTAL, INC.** **Environmental Consultants** **Rochester, New York 14606** **New York, New York 10170**	Project Title: FREDERICK PROPERTY 147 STATE STREET MANCHESTER, NEW YORK NYSDEC SITE NO. B00131 Drawing Title: Potentiometric Overburden and Bedrock Groundwater Contour Maps measured on July 8, 2020	Project No. 5474S-18 FIGURE 1

TABLES

TABLE 1
FREDERICK PROPERTY
147 STATE STREET, MANCHESTER NEW YORK
NYSDEC SITE # B00131
SUMMARY OF DETECTED VOCS: GROUNDWATER SAMPLES

Compound	NYSDEC Standard or Guidance Value[1]	Sample Designation and Date														
		MW-2					MW-3					MW-4				
		8/22/2007	12/22/2009	9/27/2017	7/1/2019	7/8/2020	8/22/2007	12/22/2009	9/27/2017	7/1/2019	7/7/2020	8/22/2007	12/22/2009	9/27/2017	7/2/2019	7/8/2020
1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NS	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	NS	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND
Methylene chloride	5	1.4	ND	ND	ND	ND	1.5	ND	ND	ND	ND	1.6	ND	ND	ND	ND
Toluene	5	ND	ND	ND	0.33 J	ND	1.6	ND	ND	ND	ND	1.8	ND	ND	ND	ND
m,p-Xylenes	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Compound	NYSDEC Standard or Guidance Value[1]	Sample Designation and Date												
		MW-5					MW-6					MW-A		
		8/22/2007	12/22/2009	9/27/2017	7/2/2019	7/7/20	8/22/2007	12/22/2009	9/27/2017	7/2/2019	7/7/2020	7/2/2018	7/1/2019	7/8/2020
1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,400**	**180**	**600**
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**670**	**54**	**200**
2-Butanone (MEK)	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30 J	5.3 J	ND
4-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14 J**	1.4 J	ND
4-Methyl-2-pentanone	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.78 J	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	2.3 BJ	ND	**72 J**	18 B	ND
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**35 J**	**4.4 J**	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NS	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	280	51 J	100
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,600**	**120**	**200**
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**99 J**	**13**	**28**
Methylcyclohexane	NS	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	220 J	35	110
Methylene chloride	5	1.8	ND	ND	ND	ND	2.2	ND	ND	ND	ND	ND	ND	ND
Toluene	5	**260**	ND	ND	ND	ND	**140**	ND	ND	ND	ND	**490**	**33**	**29**
m,p-Xylenes	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**6,300**	**340**	**640**
n-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**29 J**	3.4 J	**16 J**
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**270**	**25**	**81**
o-Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,200**	**60**	**83**
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**16 J**	2.6 J	**9.0 J**
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24 J	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Compound	NYSDEC Standard or Guidance Value[1]	Sample Designation and Date																
		RW-1					RW-2						RW-3						
		8/22/07	12/22/09	9/27/17	7/2/19	7/7/20	8/22/07	8/22/07 - DUP	12/22/09	9/27/17	7/1/19	7/8/20	8/22/07	12/22/09	12/22/09-DUP	9/27/17	9/27/17-DUP	7/1/19	7/7/20
1,2-Dichloroethene	5	**7.1**	4.86	ND	0.43 J	0.72 J	4.2	4.4	2.29	ND	0.43 J	0.91 J	**5.8**	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	0.24 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NS	ND	NT	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	NS	ND	NT	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	NT	NT	ND	ND	ND	ND
Methylene chloride	5	1.6	ND	ND	ND	ND	1.6	2.4	ND	ND	ND	ND	1.7	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	**9.3**	**8.9**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	**28**	**22**	2.45	2.5 J	2.8	2.4	2.6	3.1	ND	1.1 J	2.3	**22**	2.71	2.0	ND	ND	ND	ND
Trichloroethene	5	**9.8**	**8.44**	ND	1.1 J	1.2	4.3	4.4	ND	ND	0.74 J	1.2	**7.6**	ND	ND	ND	ND	ND	ND

NOTES

Results and groundwater standards/guidance values are in micrograms per liter (µg/l) or parts per billion (ppb)

(1) = Groundwater standard or guidance value as referenced in NYSDEC TOGS 1.1.1 dated June 1998 as amended in January 1999, April 2000,and June 2004.

VOCs = Volatile Organic Compounds

ND = Not Detected at a concentration greater than the detection limit reported by the analytical laboratory.

NS = No Standard/Guidance Value

NT = Not Tested

B = Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.

J = Estimated Concentration

Highlighted value exceeds the groundwater standard or guidance value

TABLE 2A
FREDERICK PROPERTY
147 STATE STREET, MANCHESTER NEW YORK
NYSDEC SITE # B00131
SUMMARY OF DETECTED SVOCS via USEPA METHOD 8270D: GROUNDWATER SAMPLES

Compound	NYSDEC Standard or Guidance Value(1)	Sample Designation and Date														
		MW-2					MW-3					MW-4				
		8/22/07	12/22/09	9/27/17	7/1/19	7/8/20	8/22/07	12/22/09	9/27/17	7/1/19	7/7/20	8/22/07	12/22/09	9/27/17	7/2/19	7/8/20
2-Methylnaphthalene	NS	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND
Acetophenone	NS	NT	NT	ND	ND	ND	NT	NT	ND	ND	ND	NT	NT	ND	ND	ND
Benzaldehyde	NS	NT	NT	ND	ND	ND	NT	NT	ND	ND	ND	NT	NT	ND	ND	ND
Bis(2-ethylhexyl) Phthalate	5	NT	ND	ND	ND	ND	ND	ND	ND	ND	2.8 J	NT	ND	ND	ND	3.1
Naphthalene	10	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND

Compound	NYSDEC Standard or Guidance Value(1)	Sample Designation and Date												
		MW-5					MW-6					MW-A		
		8/22/07	12/22/09	9/27/17	7/2/19	7/7/20	8/22/07	12/22/09	9/27/17	7/2/19	7/7/20	07/02/18	07/01/19	7/8/20
2-Methylnaphthalene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	230	6.7 J	36
Acetophenone	NS	NT	NT	ND	ND	ND	NT	NT	ND	ND	ND	ND	1.7 J	ND
Benzaldehyde	NS	NT	NT	ND	ND	ND	NT	NT	ND	ND	ND	ND	4.8 J	ND
Bis(2-ethylhexyl) Phthalate	5	ND	ND	ND	ND	2.5 J	ND	ND	ND	ND	ND	ND	**180 D**	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**390**	**27**	**94**

Compound	NYSDEC Standard or Guidance Value(1)	Sample Designation and Date																	
		RW-1					RW-2						RW-3						
		8/22/07	12/22/09	9/27/17	7/2/19	7/7/20	8/22/07	8/22/07 - DUP	12/22/09	9/27/17	7/1/19	7/8/20	8/22/07	12/22/09	12/22/09-DUP	9/27/17	9/27/17-DUP	7/1/19	7/7/20
2-Methylnaphthalene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	NS	NT	NT	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
Benzaldehyde	NS	NT	NT	ND	ND	ND	NT	NT	NT	ND	ND	ND	NT	NT	NT	ND	ND	ND	ND
Bis(2-ethylhexyl) Phthalate	5	ND	ND	ND	**490**	2.3 J	ND	ND	ND	ND	ND	2.9 J	ND	ND	ND	ND	ND	ND	2.7 J
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES

Results and groundwater standards/guidance values are in micrograms per liter (µg/l) or parts per billion (ppb)

(1) = Groundwater standard or guidance value as referenced in NYSDEC TOGS 1.1.1 dated June 1998 as amended in January 1999, April 2000,and June 2004.

SVOCs = Semi-Volatile Organic Compounds

ND = Not Detected at a concentration greater than the detection limit reported by the analytical laboratory.

NS = No Standard/Guidance Value

NT = Not Tested

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.

J = Estimated Concentration

Highlighted value exceeds the groundwater standard or guidance value

TABLE 2B
FREDERICK PROPERTY
147 STATE STREET, MANCHESTER NEW YORK
NYSDEC SITE # B00131
SUMMARY OF DETECTED SVOCS via USEPA METHOD 8270 SIM: GROUNDWATER SAMPLES

Compound	NYSDEC Standard or Guidance Value[(1)]	MW-2 7/8/2020	MW-3 7/7/2020	MW-4 7/8/2020	MW-5 7/7/2020	MW-6 7/7/2020	RW-1 7/7/2020	RW-2 7/8/2020	RW-3 7/7/2020	MW-A 7/8/2020
Acenaphthene	20	ND	ND	ND	ND	ND	ND	ND	ND	0.11
Acenaphthylene	NS	ND	ND	ND	ND	ND	0.02 J	ND	ND	ND
Anthracene	50	ND	ND	ND	ND	ND	0.03 J	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	**0.02 J**	ND	ND	ND
Benzo(a)pyrene	ND	ND	**0.02 J**	ND	ND	ND	**0.02 J**	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	**0.03 J**	ND	**0.02 J**	ND	**0.02 J**	ND	ND	ND
Benzo(g,h,i)perylene	NS	ND	0.02 J	ND	0.03 J	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	**0.02 J**	ND	**0.02 J**	ND	**0.02 J**	ND	ND	ND
2-Chloronaphthalene	10	ND	ND	ND	ND	ND	0.04 J	ND	ND	ND
Chrysene	0.002	ND	**0.02 J**	ND	ND	ND	**0.02 J**	ND	ND	ND
Dibenzo(a,h) anthracene	NS	ND	ND	ND	0.02 J	ND	ND	ND	ND	ND
Fluoranthene	50	ND	0.03 J	ND	ND	ND	0.04 J	ND	ND	ND
Fluorene	50	ND	ND	ND	ND	ND	0.03 J	ND	ND	0.06 J
Indeno(1,2,3-cd)pyrene	0.002	ND	**0.02 J**	ND	**0.03 J**	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	0.04 J	ND	ND	ND
Pyrene	50	ND	0.03 J	ND	ND	ND	0.03 J	ND	ND	ND

NOTES

Results and groundwater standards/guidance values are in micrograms per liter (µg/l) or parts per billion (ppb)

(1) = Groundwater standard or guidance value as referenced in NYSDEC TOGS 1.1.1 dated June 1998 as amended in January 1999, April 2000,and June 2004.

SIM = Selective Ion Monitoring

SVOCs = Semi-Volatile Organic Compounds

ND = Not Detected at a concentration greater than the detection limit reported by the analytical laboratory.

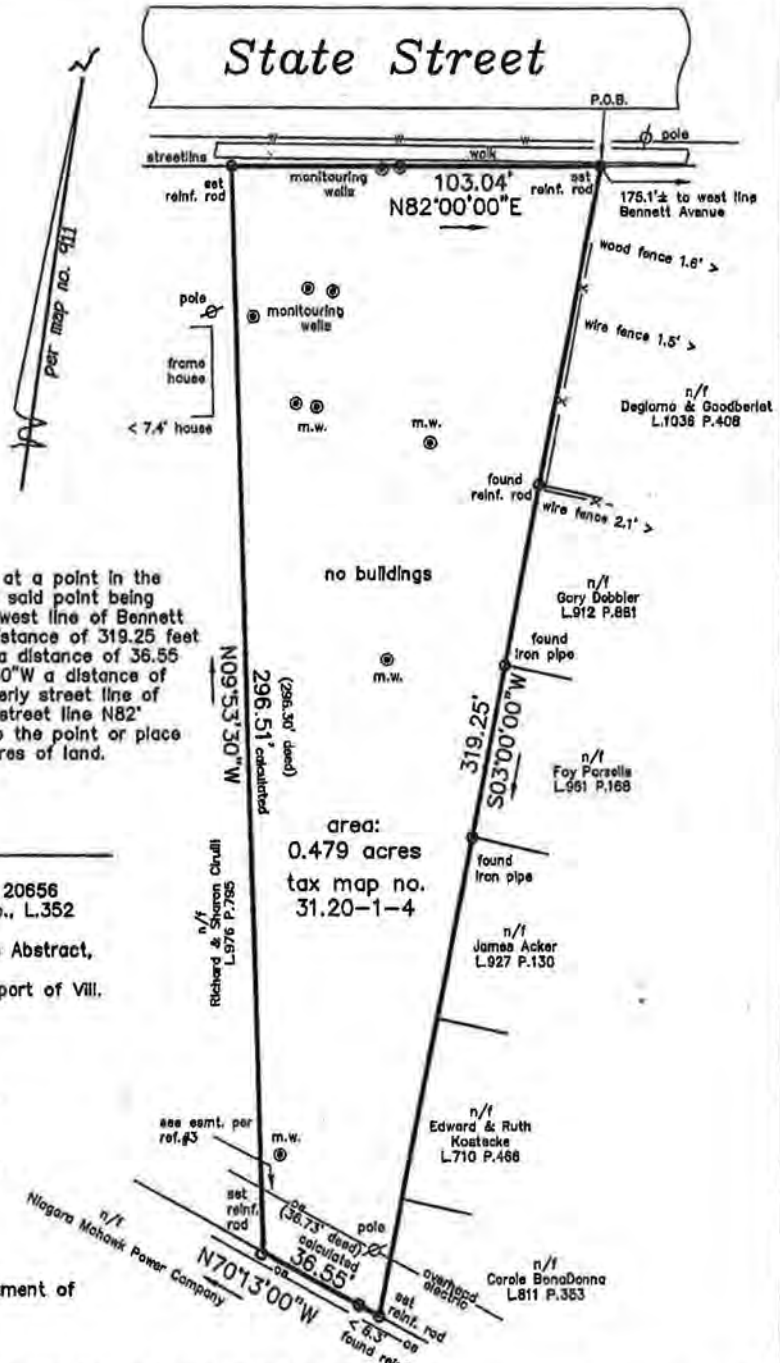
NS = No Standard/Guidance Value

J = Estimated Concentration

Highlighted value exceeds the groundwater standard or guidance value

ATTACHMENT A

PROPERTY SURVEY MAP



Property legal description: Beginning at a point in the southerly street line of State Street, said point being 175.1 feet, plus or minus, from the west line of Bennett Avenue; thence (1) S03°00'00"W a distance of 319.25 feet to a point; thence (2) N70°13'00"W a distance of 36.55 feet to a point; thence (3) N09°53'30"W a distance of 296.51 feet to a point on the southerly street line of State Street; thence (4) along said street line N82° 00'00"E a distance of 103.04 feet to the point or place of beginning. All containing 0.479 acres of land.

References

...er 686, page 661 of deeds
...d Map Nos.: 911, 348, 19950, 20656
...ie Line Easement to RG&E Corp., L.352 P.70
4. Search No. 085004 by Crossroads Abstract, dated December 31, 2008
5. NOTE: water main location per report of Vill. of Manchester official

Legend

- utility pole
- monitoring well
- survey monumentation, as noted

Certification: New York State-Department of Environmental Conservation

ALTA/ACSM Land and Title Survey
of Lands of the

Village of Manchester

being in the Village of Manchester
Ontario County, New York

Scale: 1 inch = 40 feet January 5, 2009

graphic scale in feet (0 – 40)

graphic scale in meters (0 – 15)

...y that this plan was prepared January 5, 2009 from ... of an instrument survey completed December 29, 2008 and from materials referenced hereon.

David M. Parrinello NYSPLS 049724

Freeland–Parrinello
LAND SURVEYORS
42 Beeman Street
Canandaigua, New York 14424
(585)394-5110

2001-116R

ATTACHMENT B

SITE WIDE INSPECTION FORM AND PHOTOGRAPHS

Frederick Property

147 State Street,

Manchester, New York

NYSDEC Site Number: B00131-8

Date of Inspection Site Visit: 7-8-2020

Personnel Performing Inspection Site Visit: Hanna Miller

Affiliation of Personnel: Day Environmental, Inc.

1. **Check integrity of impermeable portions (e.g., concrete) of cover system, include whether any sloughing, cracks, settlement, damage, etc.**

Discuss observations and any corrective actions:

N/A - no building or pavement on site

2. **Check integrity of permeable portions (e.g., soil) of cover system, include whether any sloughing, cracks, settlement, damage, etc.**

Discuss observations and any corrective actions:

The NE corner of the property and/or RoW is mostly bare of vegetation (9' x 5') and gravel surface is exposed. No sloughing, cracks, settlement, or damage observed.

3. **Check integrity of vegetative cover (e.g., grass), include whether any dead areas, erosion, etc.**

Discuss observations and any corrective actions:

Grass cover is present with the exception of question 3. The grass appears to be dormant due to seasonal conditions (note, adjacent properities had similar conditions). Areas of erosion not observed.

4. **Check integrity of building floor slabs (e.g., ground floor and basement), include whether any sloughing, cracks, settlement, damage, etc.**

Discuss observations and any corrective actions:

N/A

5. **Groundwater Monitoring Well Assessment**

Discuss observations and any corrective actions:

MW-1 was dry. MW-2 through MW-6, RW-1 through RW-3, and MW-A are functional. Note, MW-2 is damaged at the well head. Well protective covers will require maintence in the near future.

View of the vegetative cover at the Site, facing north.

View of the vegetative cover at the Site, facing shouth.

View of the norhtern edge of the Site (left) and the adjacent State Street right-of-way (including sidewalk) facing west.

View of the northwest portion of the Site, facing southeast. The area of sparse vegetative cover is visible in the foreground.

View of dammage to wellhead of monitoring well MW-2, located on the northwest poriton of the Site.

ATTACHMENT C

INSTITUTIONAL AND ENGINEERING CONTROL CERTIFICATION FORMS

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

Site Details **Box 1**

Site No. B00131

Site Name Frederick Property Site Investigation

Site Address: 147 State Street Zip Code: 14504-
City/Town: Manchester
County: Ontario
Site Acreage: 0.479

Reporting Period: March 26, 2019 to July 26, 2020

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

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	☑	☐
7. Are all ICs/ECs in place and functioning as designed?	☑	☐

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

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

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. B00131 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
31.20-1-4	Village of Manchester	Soil Management Plan Monitoring Plan Site Management Plan IC/EC Plan Ground Water Use Restriction Landuse Restriction

The Controlled Property may be used for restricted residential, recreational, commercial, or light industrial use as long as the following long-term controls are employed:

(i) any use of groundwater as a source of potable or process water without necessary water quality treatment, as determined by the NYSDOH and prior notification and approval of the NYSDEC, shall not be permitted.

(ii) the potential for vapor intrusion must be evaluated for any buildings developed on-site and appropriate actions to address exposures must be implemented.

(iii) vegetable gardens and farming on the site are prohibited.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
31.20-1-4	Cover System Monitoring Wells Vapor Mitigation

The existing cover system at the site consists of 24 inches of clean fill material/topsoil.

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
☑	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

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

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

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

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

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

YES	NO
☑	☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. B00131

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I Nancy Johnsen (print name) at 8 Clifton Street, Manchester, New York, 14504 (print business address),

am certifying as Representative of the Owner (Owner or Remedial Party)

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

Nancy W. Johnsen — Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

8/18/2020 — Date

IC/EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

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

I Raymond L. Kampff (print name) at 1563 Lyell Avenue, Rochester , New York, 14606 (print business address),

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

Raymond L Kampff — Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

8-18-2020 — Date

ATTACHMENT D

ANNUAL GROUNDWATER MONITORING
FREDERICK PROPERTY: ERP SITE NO. B00131
147 STATE STREET, MANCHESTER, NEW YORK,
PREPARED BY DAY ENVIRONMENTAL, INC. AND DATED AUGUST 6, 2019

day
DAY ENVIRONMENTAL, INC.

ENVIRONMENTAL CONSULTANTS
AN AFFILIATE OF DAY ENGINEERING, P.C.

August 6, 2019

Village of Manchester
c/o Mayor Nancy W. Johnsen
P.O. Box 188
Manchester, New York 14504

RE: Annual Groundwater Monitoring
Frederick Property: ERP Site No. B00131
147 State Street
Manchester, New York

Dear Mayor Johnsen:

Day Environmental, Inc. (DAY) completed an annual groundwater monitoring event at the above-referenced property (Site) between July 1 and July 2, 2019. This annual groundwater monitoring event is a required component of the Site Management Plan (SMP) dated February 2019. The following sections describe the work completed and present data generated as part of the July 1 and July 2, 2019 annual groundwater monitoring event.

Background

The Site was remediated under the New York State Department of Environmental Conservation (NYSDEC) Environmental Restoration Program (ERP). The NYSDEC issued a certificate of completion for ERP Site No. B00131 on March 26, 2019.

After completion of the remedial work, some contamination was left at the Site. The February 2019 SMP was prepared to manage remaining contamination at the Site until the Environmental Easement is extinguished in accordance with New York State Environmental Law (ECL) Article 71, Title 36. A requirement of the February 2019 SMP is the completion of annual groundwater sampling and analysis in the locations, and utilizing the methods, specified in the SMP.

Field Activities

Between July 1 and July 2, 2019, DAY representatives were at the Site to conduct a monitoring event in accordance with the February 2019 SMP. The following scope of work was completed as part of this monitoring event:

- Obtain static water level, LNAPL and DNAPL measurements at groundwater monitoring wells MW-1 through MW-6, RW-1, RW-2, RW-3 and MW-A using an oil/water interface probe;
- Use a low flow purge and sample technique to collect groundwater samples from

monitoring wells MW-2 through MW-6, RW-1, RW-2, RW-3 and MW-A. [Note: an attempt was made to purge and sample monitoring well MW-1. However, recoverable groundwater was depleted from the well shortly after the purge process began on July 2, 2019, and did not recover sufficiently on that date to obtain a quantity of groundwater for the required samples.]

- Submit groundwater samples to ASL Laboratories (ALS) in Rochester, New York for testing. ALS is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified analytical laboratory.

The approximate locations of the groundwater monitoring wells that were assessed and/or sampled July 1 and July 2, 2019 are depicted on Figure 1. A summary of the static groundwater levels measured on July 1, 2019, along with the groundwater elevations calculated from those measurements, are presented on Table 1. The groundwater elevations calculated for July 1, 2019 were used to prepare separate potentiometric contours for the overburden monitoring well locations (i.e., monitoring wells MW-1 through MW-6 and MW-A) and the bedrock monitoring well locations (i.e., RW-1, RW-2 and RW-3), and these potentiometric contours are depicted on Figure 1. The groundwater sampling activities are documented on the groundwater sampling logs included in Attachment A.

Analytical Laboratory Testing

The groundwater samples collected between July 1 and July 2, 2019 were tested by ALS for the following parameters:

- Target Compound List (TCL) and NYSDEC Commissioner Policy 51 (CP 51) volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) Method 8260.
- TCL and CP-51 semi-volatile organic compounds (SVOCs) and TICs using USEPA Method 8270.

Copies of the analytical laboratory reports prepared by ALS and executed chain-of-custody documentation are included in Attachment B. The constituents detected in the samples submitted for analytical laboratory testing as part of this groundwater monitoring event are summarized on the following tables:

- Table 2 Summary of Detected VOCs: Groundwater Samples
- Table 3 Summary of Detected SVOCs: Groundwater Samples

[Note: the constituents detected in the groundwater samples collected from the site during the previous groundwater monitoring events are also summarized on Tables 2 and 3.]

Tables 2 and 3 include applicable Class GA (i.e., potable drinking water from a groundwater source) standards or guidance values for the detected parameters as presented in NYSDEC Division

of Water Technical and Operational Guidance Series 1.1.1 document titled, Ambient Water Quality Standards and Guidance Effluent Limitations dated June 1998 as amended April 2000 (TOGS 1.1.1).

If there are questions regarding this submittal, please contact this office.

Very truly,
Day Environmental, Inc.

Charles Hampton
Project Geologist

Raymond L. Kampff
Principal

Enclosure

Figures:

Figure 1 – Site Plan and Potentiometric Overburden and Bedrock Groundwater Contour Maps measured on July 1, 2019

Tables:

Table 1 – Summary of Static Water Levels and Groundwater Elevations
Table 2 – Summary of Detected VOCs: Groundwater Samples
Table 3 – Summary of Detected SVOCs: Groundwater Samples

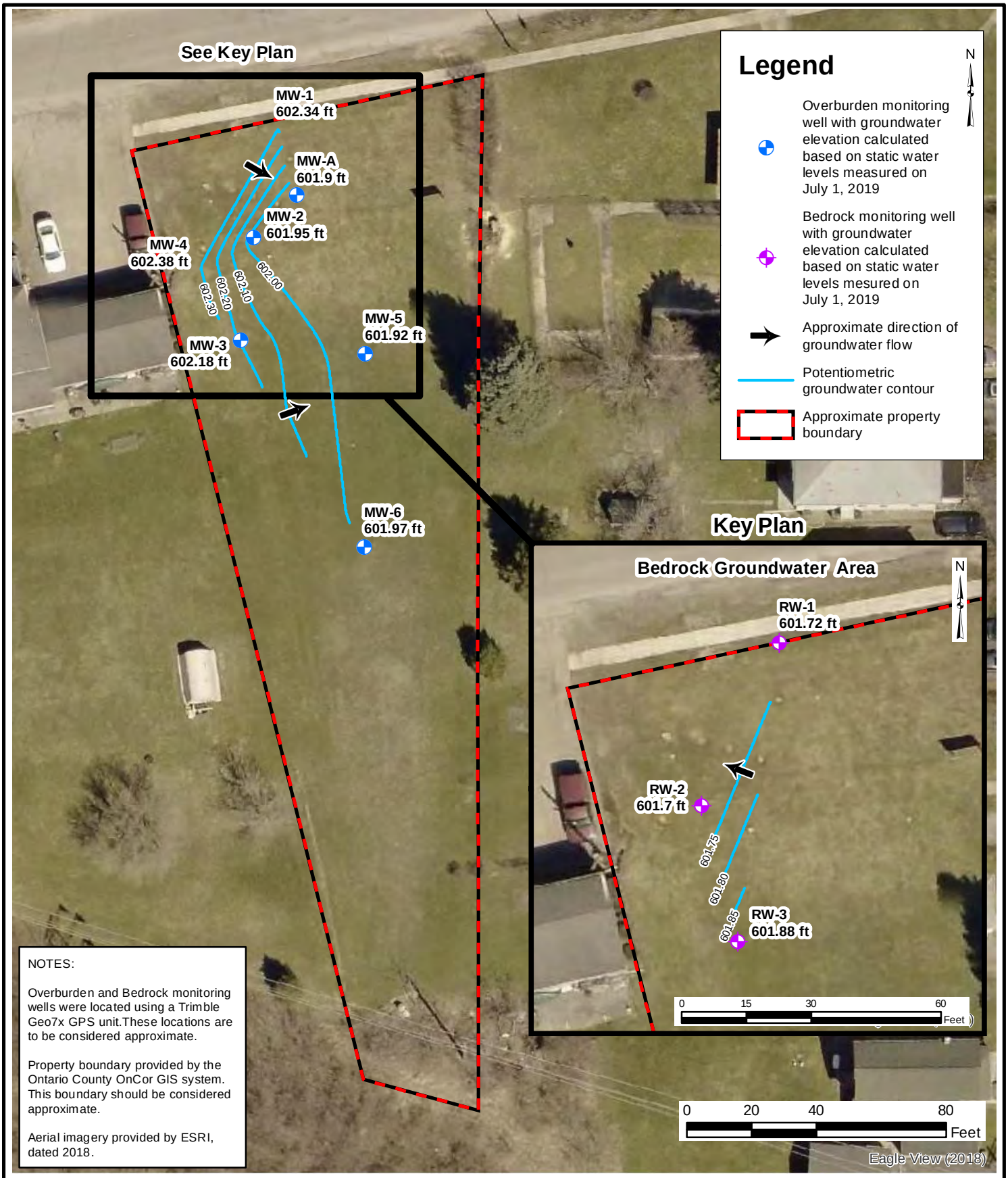
Attachments:

Attachment A – Groundwater Sampling Logs
Attachment B – Analytical Laboratory Reports and Chain-of Custody Documentation

cc:
Danielle Miles (NYSDEC)
Steven Berninger (NYSDOH)
Rita Gurewitch (Village of Manchester)

CAH1292/5474

FIGURES



NOTES:

Overburden and Bedrock monitoring wells were located using a Trimble Geo7x GPS unit.These locations are to be considered approximate.

Property boundary provided by the Ontario County OnCor GIS system. This boundary should be considered approximate.

Aerial imagery provided by ESRI, dated 2018.

Document Path: E:\GIS Mapping\5474S-18\Manchie\Site Management Plan\5474S-07-SMP - GW Contour 20190701.mxd

Last Date Saved: 06 Aug 2019

Date	08-06-2019
Drawn By	CPS
Scale	AS NOTED

day
DAY ENVIRONMENTAL, INC.
Environmental Consultants
Rochester, New York 14606
New York, New York 10170

Project Title
FREDERICK PROPERTY
147 STATE STREET
MANCHESTER, NEW YORK
NYSDEC SITE NO. B00131

Drawing Title
Potentiometric Overburden and Bedrock Groundwater Contour Maps measured on July 1, 2019

Project No.
5474S-18

FIGURE 1

TABLES

TABLE 1
FREDERICK PROPERTY
147 STATE STREET, MANCHESTER NEW YORK
NYSDEC SITE # B00131
SUMMARY OF STATIC WATER LEVELS AND GROUNWATER ELEVATIONS

Monitoring Well	TOC Elev. (ft)	7/2/2018 SWL (ft)/ GW Elev. (ft)	7/1/2019 SWL (ft)/ GW Elev. (ft)
MW-1	608.25	6.15/602.10	5.91/602.34
MW-2	607.70	6.61/601.09	5.75/601.95
MW-3	607.24	5.84/601.40	5.06/602.18
MW-4	607.85	5.75/602.10	5.47/602.38
MW-5	608.50	7.33/601.17	6.58/601.92
MW-6	607.02	5.82/601.20	5.05/601.97
MW-A	608.60	7.60/601.00	6.70/601.90
P-102	610.13	8.81/601.32	not collected
RW-1	608.14	7.33/600.81	6.42/601.72
RW-2	607.69	6.79/600.90	5.99/601.70
RW-3	607.04	5.92/601.12	5.16/601.88

TOC Elev. = Top of casing elevation*

SWL = Static water level below top of casing

GW Elev. = Groundwater elevation*

*ELEVATIONS DERIVED FROM WORK COMPLETED BY SNIEDEZE ASSOCIATES, BASED ON USGS ELEVATION OF 609.00 AT THE INTERSECTION OF THE CENTERLINES OF BENNETT AVE. AND STATE STREET.

TABLE 2
FREDERICK PROPERTY
147 STATE STREET, MANCHESTER NEW YORK
NYSDEC SITE # B00131
SUMMARY OF DETECTED VOCS: GROUNDWATER SAMPLES

Compound	NYSDEC Standard or Guidance Value[1]	Sample Designation and Date																							
		MW-2				MW-3				MW-4				MW-5				MW-6				RW-1			
		8/22/07	12/22/09	9/27/17	7/1/19	8/22/07	12/22/09	9/27/17	7/1/19	8/22/07	12/22/09	9/27/17	7/2/19	8/22/07	12/22/09	9/27/17	7/2/19	8/22/07	12/22/09	9/27/17	7/2/19	8/22/07	12/22/09	9/27/17	7/2/19
1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**7.1**	4.86	ND	0.43 J
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3 BJ	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24 J
Cyclohexane	NS	ND	NT	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	NS	ND	NT	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND
Methylene chloride	5	1.4	ND	ND	ND	1.5	ND	ND	ND	1.6	ND	ND	ND	1.8	ND	ND	ND	2.2	ND	ND	ND	1.6	ND	ND	ND
Toluene	5	ND	ND	ND	0.33 J	1.6	ND	ND	ND	1.8	ND	ND	ND	**260**	ND	ND	ND	**140**	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**28**	**22**	2.45	2.5 J
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**9.8**	**8.44**	ND	1.1 J

Compound	NYSDEC Standard or Guidance Value[1]	Sample Designation and Date											
		RW-2					RW-3						MW-A	
		8/22/07	8/22/07 - DUP	12/22/09	9/27/17	7/1/19	8/22/07	12/22/09	12/22/09-DUP	9/27/17	9/27/17-DUP	7/1/19	07/02/18	07/01/19
1,2-Dichloroethene	5	4.2	4.4	2.29	ND	0.43 J	**5.8**	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,400**	**180**
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**670**	**54**
2-Butanone (MEK)	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30 J	5.3 J
4-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14 J**	1.4 J
4-Methyl-2-pentanone	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.78 J
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**72 J**	18 B
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**35 J**	**4.4 J**
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NS	ND	ND	NT	ND	ND	ND	NT	NT	ND	ND	ND	280	51 J
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,600**	**120**
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**99 J**	**13**
Methylcyclohexane	NS	ND	ND	NT	ND	ND	ND	NT	NT	ND	ND	ND	220 J	35
Methylene chloride	5	1.6	2.4	ND	ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND
Toluene	5	**9.3**	**8.9**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**490**	**33**
m,p-Xylenes	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**6,300**	**340**
n-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**29J**	3.4 J
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**270**	**25**
o-Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,200**	**60**
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**16 J**	2.6 J
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24 J
Tetrachloroethene	5	2.4	2.6	3.1	ND	1.1 J	**22**	2.71	2.0	ND	ND	ND	ND	ND
Trichloroethene	5	4.3	4.4	ND	ND	0.74 J	**7.6**	ND	ND	ND	ND	ND	ND	ND

NOTES

Results and groundwater standards/guidance values are in micrograms per liter (µg/l) or parts per billion (ppb)

(1) = Groundwater standard or guidance value as referenced in NYSDEC TOGS 1.1.1 dated June 1998 as amended in January 1999, April 2000,and June 2004.

VOCs = Volatile Organic Compounds

ND = Not Detected at a concentration greater than the detection limit reported by the analytical laboratory.

NS = No Standard/Guidance Value

NT = Not Tested

B = Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.

J = Estimated Concentration

Highlighted value exceeds the groundwater standard or guidance value

TABLE 3
FREDERICK PROPERTY
147 STATE STREET, MANCHESTER NEW YORK
NYSDEC SITE # B00131
SUMMARY OF DETECTED SVOCS: GROUNDWATER SAMPLES

Compound	NYSDEC Standard or Guidance Value[(1)]	Sample Designation and Date																			
		MW-2				MW-3				MW-4				MW-5				MW-6			
		8/22/07	12/22/09	9/27/17	7/1/19	8/22/07	12/22/09	9/27/17	7/1/19	8/22/07	12/22/09	9/27/17	7/2/19	8/22/07	12/22/09	9/27/17	7/2/19	8/22/07	12/22/09	9/27/17	7/2/19
2-Methylnaphthalene	NS	NT	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	NS	NT	NT	ND	ND	NT	NT	ND	ND	NT	NT	ND	ND	NT	NT	ND	ND	NT	NT	ND	ND
Benzaldehyde	NS	NT	NT	ND	ND	NT	NT	ND	ND	NT	NT	ND	ND	NT	NT	ND	ND	NT	NT	ND	ND
Bis(2-ethylhexyl) Phthalate	5	NT	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	NT	ND	ND	ND	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Compound	NYSDEC Standard or Guidance Value[(1)]	Sample Designation and Date																
		RW-1				RW-2					RW-3						MW-A	
		8/22/07	12/22/09	9/27/17	7/2/19	8/22/07	8/22/07 - DUP	12/22/09	9/27/17	7/1/19	8/22/07	12/22/09	12/22/09-DUP	9/27/17	9/27/17-DUP	7/1/19	07/02/18	07/01/19
2-Methylnaphthalene	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	230	6.7 J
Acetophenone	NS	NT	NT	ND	ND	NT	NT	NT	ND	ND	NT	NT	NT	ND	ND	ND	ND	1.7 J
Benzaldehyde	NS	NT	NT	ND	ND	NT	NT	NT	ND	ND	NT	NT	NT	ND	ND	ND	ND	4.8 J
Bis(2-ethylhexyl) Phthalate	5	ND	ND	ND	**490**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**180 D**
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**390**	**27**

NOTES

Results and groundwater standards/guidance values are in micrograms per liter (µg/l) or parts per billion (ppb)

(1) = Groundwater standard or guidance value as referenced in NYSDEC TOGS 1.1.1 dated June 1998 as amended in January 1999, April 2000,and June 2004.

SVOCs = Semi-Volatile Organic Compounds

ND = Not Detected at a concentration greater than the detection limit reported by the analytical laboratory.

NS = No Standard/Guidance Value

NT = Not Tested

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.

J = Estimated Concentration

Highlighted value exceeds the groundwater standard or guidance value

ATTACHMENT A

GROUNDWATER SAMPLING LOGS

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-A

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/1/2019

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 76°F, Partly Cloudy

PID READING IN WELL HEADSPACE (PPM): 0.6 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: 3.75 – 10.35 — **INITIAL WATER LEVEL (SWL) [FT]:** SWL / Date Measured: 6.70 / 7-1-19

WELL DEPTH [FT BGS]: 10.35 (Do NOT Measure Well depth Prior To Purging And Sampling) — **DEPTH OF PUMP INTAKE [FT BGS]:** ~8.5

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI Pro DSS

STABILIZED PUMP RATE (ml/min): 200 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 7.80

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
11:30	-	6.70	24.1	77.0	190.58	0.614	6.97	17.4	0
11:37	300	7.25	20.6	68.0	130.87	0.618	6.97	15.0	1200
11:43	300	7.40	13.9	63.3	89.30	0.621	6.96	14.9	1800
11:48	300	7.60	8.7	20.1	28.03	0.626	6.98	15.6	2700
11:55	200	7.70	6.8	-12.5	16.08	0.626	6.98	14.9	3500
11:57	200	7.75	6.1	-20.5	15.98	0.630	6.99	14.8	3900
11:59	200	7.80	5.9	-27.7	16.63	0.631	6.99	14.7	4400
12:01	200	7.80	5.8	-32.5	15.55	0.632	6.99	14.6	4800
12:03	200	7.80	5.5	-34.6	14.40	0.633	6.99	14.6	5200

SAMPLE OBSERVATIONS: Clear

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-A*	7-1-19 / 12:07	Peristaltic Pump	8260 VOC, 8270 SVOC

*** = MS/MSD Sample**

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-1

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/2/2019

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 76°F, Cloudy

PID READING IN WELL HEADSPACE (PPM): 0.1 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** SWL / Date Measured: 5.91 / 7-2-19

WELL DEPTH [FT BGS]: 6.70 — **DEPTH OF PUMP INTAKE [FT BGS]:** NA

(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI Pro DSS

STABILIZED PUMP RATE (ml/min): NA — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** NA

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
11:48	-	5.91	33.0	104.2	382.91	1.315	7.56	17.8	0
11:53	-	6.70	35.3	9.4	533.60	1.522	7.10	18.8	550
16:30	-	6.70							
Well dry at 6.7’ BTOC – insufficient water for sampling- no samples collected									
	SAMPLE OBSERVATIONS: Clear								

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
-	-	-	-

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-2

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/1/2019

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 76°F, Partly Cloudy

PID READING IN WELL HEADSPACE (PPM): 0.1 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** SWL / Date Measured: 5.75 / 7-1-19

WELL DEPTH [FT BGS]: 9.70 (Do NOT Measure Well depth Prior To Purging And Sampling) — **DEPTH OF PUMP INTAKE [FT BGS]:** ~7.75

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI Pro DSS

STABILIZED PUMP RATE (ml/min): 350 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 5.84

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
13:02	-	5.75	69.0	-29.2	38.15	0.742	8.02	16.7	0
13:05	350	5.84	22.2	-18.7	15.95	0.713	7.21	15.2	550
13:07	350	5.84	15.6	-9.0	7.12	0.709	7.03	15.1	1250
13:09	350	5.84	15.8	-5.3	5.70	0.709	7.00	15.0	1900
13:11	350	5.84	16.3	-1.7	4.20	0.707	6.99	15.0	2600
13:13	350	5.84	17.1	1.9	2.79	0.707	6.99	14.8	3300
13:15	350	5.84	18.1	5.0	2.33	0.706	6.99	14.9	4000
13:17	350	5.84	18.7	7.0	1.94	0.705	6.99	14.9	4700

SAMPLE OBSERVATIONS: Clear

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-2	7-1-19 / 13:19	Peristaltic Pump	8260 VOC, 8270 SVOC

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-3

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/1/2019

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 76°F, Partly Cloudy

PID READING IN WELL HEADSPACE (PPM): 0.0 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** SWL / Date Measured: 5.06 / 7-1-19

WELL DEPTH [FT BGS]: 8.65 (Do NOT Measure Well depth Prior To Purging And Sampling) — **DEPTH OF PUMP INTAKE [FT BGS]:** ~7.0

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI Pro DSS

STABILIZED PUMP RATE (ml/min): 200 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 5.79

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
14:42	-	5.06	67.0	84.9	182.25	0.664	8.10	15.7	0
14:44	350	5.40	50.5	91.3	48.48	0.639	7.30	14.9	650
14:47	250	5.60	49.7	95.3	12.20	0.644	7.06	15.2	1400
14:49	200	5.69	48.8	96.2	17.92	0.651	7.02	15.4	1900
14:52	200	5.70	48.2	96.8	5.93	0.653	7.02	15.1	2500
14:55	200	5.75	48.6	96.9	3.10	0.655	7.02	15.2	3100
14:58	200	5.79	48.3	96.8	4.25	0.654	7.02	15.2	3700
15:01	200	5.79	48.9	96.4	4.91	0.652	7.02	15.2	4300
15:03	200	5.79	48.9	96.2	3.66	0.654	7.02	15.2	4700

SAMPLE OBSERVATIONS: Clear

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-3	7-1-19 / 15:05	Peristaltic Pump	8260 VOC, 8270 SVOC

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-4

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/2/2019

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 76°F, Cloudy

PID READING IN WELL HEADSPACE (PPM): 0.0 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** SWL / Date Measured: 5.47 / 7-2-19

WELL DEPTH [FT BGS]: 11.41 — **DEPTH OF PUMP INTAKE [FT BGS]:** ~10.0

(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI Pro DSS

STABILIZED PUMP RATE (ml/min): 150 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 9.55

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
14:30	-	5.47	34.3	103.8	32.63	0.462	7.23	15.2	0
14:35	150	7.00	5.2	123.8	40.65	0.432	6.79	15.1	700
14:38	150	7.35	7.8	124.8	24.95	0.435	6.75	15.3	1150
14:40	150	7.80	8.0	125.0	21.88	0.451	6.77	15.2	1450
14:42	150	8.10	7.5	124.8	41.03	0.461	6.79	15.6	1750
15:18	150	8.75	6.7	127.4	4.50	0.470	7.02	14.6	2000
15:20	150	9.00	5.1	129.4	4.67	0.467	6.89	14.4	2300
15:22	150	9.35	5.0	129.6	4.78	0.476	6.86	14.3	2600
15:24	150	9.55	6.4	128.8	13.09	0.480	6.86	15.0	2900
15:26	150	9.55	24.0	127.6	11.39	0.482	6.85	16.0	3200
15:28	150	9.55	30.2	126.5	13.22	0.482	6.84	17.2	3800
15:30	150	9.55	31.4	125.2	13.42	0.480	6.84	17.4	4200
	SAMPLE OBSERVATIONS: Clear								

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-4	7-2-19 / 15:32	Peristaltic Pump	8260 VOC, 8270 SVOC

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-5

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/2/2019

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 76°F, Raining

PID READING IN WELL HEADSPACE (PPM): 0.0 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** SWL / Date Measured: 6.58 / 7-2-19

WELL DEPTH [FT BGS]: 10.63 — **DEPTH OF PUMP INTAKE [FT BGS]:** ~8.75

(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI Pro DSS

STABILIZED PUMP RATE (ml/min): 150 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 8.90

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
12:24	-	6.58	69.6	53.2	40.33	0.646	7.49	15.5	0
12:28	200	7.45	62.5	68.8	48.19	0.609	7.16	14.6	950
12:30	200	7.55	63.0	71.4	55.83	0.612	7.13	14.8	1350
12:32	150	7.80	62.7	73.6	64.95	0.618	7.13	14.9	1650
12:34	150	7.90	60.6	75.3	70.08	0.623	7.14	15.2	1950
12:37	150	8.00	53.2	77.5	66.78	0.631	7.16	14.9	2400
12:40	150	8.10	42.6	79.3	90.03	0.637	7.17	14.9	2850
12:43	150	8.20	38.4	80.2	135.98	0.641	7.18	15.1	2300
12:46	150	8.40	40.8	81.7	220.14	0.637	7.17	14.4	2750
12:48	150	8.60	46.9	82.9	222.60	0.627	7.16	14.6	3050
12:50	150	8.80	48.7	83.9	230.40	0.630	7.15	14.8	3350
12:52	150	8.90	47.3	84.8	239.64	0.633	7.16	14.7	3650
	SAMPLE OBSERVATIONS: Yellow Hue								

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-5	7-2-19 / 12:52	Peristaltic Pump	8260 VOC, 8270 SVOC

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-6

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/2/2019

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 76°F, Raining

PID READING IN WELL HEADSPACE (PPM): 0.0 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** SWL / Date Measured: 5.05 / 7-2-19

WELL DEPTH [FT BGS]: 9.36 (Do NOT Measure Well depth Prior To Purging And Sampling) — **DEPTH OF PUMP INTAKE [FT BGS]:** ~7.0

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI Pro DSS

STABILIZED PUMP RATE (ml/min): 200 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 5.25

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
13:40	-	5.05	88.1	95.7	74.25	0.657	7.55	17.4	0
13:42	250	5.20	78.9	112.6	65.37	0.642	7.15	16.3	650
13:44	200	5.25	78.4	114.9	44.75	0.641	7.08	16.3	1050
13:46	200	5.25	78.3	116.3	22.42	0.646	7.05	16.0	1450
13:48	200	5.25	78.0	117.2	18.14	0.644	7.04	16.1	1850
13:50	200	5.25	77.5	117.7	13.45	0.646	7.03	15.9	2250
13:52	200	5.25	77.3	118.2	11.62	0.645	7.03	15.9	2650
13:54	200	5.25	77.1	118.6	10.52	0.645	7.03	15.8	3050

SAMPLE OBSERVATIONS: Clear

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-6	7-2-19 / 13:56	Peristaltic Pump	8260 VOC, 8270 SVOC

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL RW-1

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/2/2019

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 76°F, Cloudy

PID READING IN WELL HEADSPACE (PPM): 0.0 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** SWL / Date Measured: 6.42 / 7-2-19

WELL DEPTH [FT BGS]: 19.05 (Do NOT Measure Well depth Prior To Purging And Sampling) — **DEPTH OF PUMP INTAKE [FT BGS]:** ~10.0

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI Pro DSS

STABILIZED PUMP RATE (ml/min): 300 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 6.49

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
10:56	-	6.42	43.3	116.4	9.87	0.807	7.55	15.0	0
10:59	300	6.49	16.0	126.6	12.38	0.805	7.20	12.7	750
11:01	300	6.49	14.2	129.8	33.15	0.802	7.13	12.6	1350
11:03	300	6.49	13.5	131.5	18.96	0.798	7.10	12.5	1950
11:05	300	6.49	13.2	132.4	14.74	0.799	7.08	12.5	2550
11:07	300	6.49	13.0	132.9	10.64	0.800	7.07	12.6	3160
11:09	300	6.49	12.8	133.3	9.80	0.800	7.06	12.4	3750
11:11	300	6.49	12.7	133.5	6.74	0.803	7.06	12.4	4350
11:13	300	6.49	12.6	133.6	6.06	0.802	7.06	12.4	4950
	SAMPLE OBSERVATIONS: Clear								

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
RW-1	7-2-19 / 11:15	Peristaltic Pump	8260 VOC, 8270 SVOC

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL RW-2

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/1/2019

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 76°F, Partly Cloudy

PID READING IN WELL HEADSPACE (PPM): 0.0 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** SWL / Date Measured: 5.99 / 7-1-19

WELL DEPTH [FT BGS]: 17.65 — **DEPTH OF PUMP INTAKE [FT BGS]:** ~10.0

(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI Pro DSS

STABILIZED PUMP RATE (ml/min): 300 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 6.10

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
13:43	-	5.99	43.0	59.2	92.44	0.736	7.68	13.7	0
13:46	300	6.10	19.2	65.7	167.74	0.735	7.22	13.1	600
13:49	300	6.10	16.0	66.7	122.77	0.733	7.13	13.0	1250
13:51	300	6.10	15.6	65.7	96.91	0.733	7.11	12.9	1900
13:53	300	6.10	15.6	63.8	58.79	0.734	7.10	12.8	2500
13:55	300	6.10	15.6	62.4	56.60	0.732	7.09	12.8	3100
13:57	300	6.10	15.4	60.9	45.27	0.733	7.09	12.9	3700
13:59	300	6.10	15.4	59.8	28.82	0.732	7.09	12.9	4300
14:01	300	6.10	15.3	59.0	23.33	0.732	7.09	12.8	4900
14:03	300	6.10	15.3	58.3	18.69	0.730	7.08	13.0	5500
14:05	300	6.10	15.1	57.7	15.29	0.731	7.08	12.8	6100

SAMPLE OBSERVATIONS: Clear

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
RW-2	7-1-19 / 14:07	Peristaltic Pump	8260 VOC, 8270 SVOC

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL RW-3

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/1/2019

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 76°F, Partly Cloudy

PID READING IN WELL HEADSPACE (PPM): 0.0 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** SWL / Date Measured 5.16 / 7-1-19

WELL DEPTH [FT BGS]: 18.75 (Do NOT Measure Well depth Prior To Purging And Sampling) — **DEPTH OF PUMP INTAKE [FT BGS]:** ~9.0

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI Pro DSS

STABILIZED PUMP RATE (ml/min): 300 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 5.20

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
15:32	-	5.16	78.2	75.3	36.86	0.568	8.21	14.7	0
15:35	300	5.20	67.0	94.9	53.84	0.544	7.53	13.0	600
15:37	300	5.20	65.9	97.3	76.51	0.546	7.39	12.9	1200
15:39	300	5.20	56.8	100.0	79.02	0.575	7.27	12.6	1800
15:41	300	5.20	55.0	100.8	76.11	0.583	7.23	12.7	2400
15:43	300	5.20	53.1	101.0	70.01	0.588	7.21	12.4	3000
15:45	300	5.20	52.8	100.6	66.65	0.589	7.19	12.5	3600
15:47	300	5.20	52.7	100.1	61.79	0.590	7.18	12.5	4200
15:49	300	5.20	52.6	99.7	56.18	0.590	7.18	12.5	4800

SAMPLE OBSERVATIONS: Clear

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
RW-3	7-1-19 / 15:51	Peristaltic Pump	8260 VOC, 8270 SVOC

ATTACHMENT B

ANALYTICAL LABORATORY REPORTS
AND
CHAIN-OF-CUSTODY DOCUMENTATION

July 19, 2019 Service Request No:R1906131

Ms. Heather McLennan
Day Environmental, Inc.
1563 Lyell Avenue
Rochester, NY 14606

Laboratory Results for: Manche

Dear Ms.McLennan,

Enclosed are the results of the sample(s) submitted to our laboratory July 01, 2019
For your reference, these analyses have been assigned our service request number **R1906131.**

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 7471. You may also contact me via email at Brady.Kalkman@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Brady Kalkman
Project Manager

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Narrative Documents

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1565 Jefferson Rd, Building 300, Rochester, NY 14623 | 585-288-5380 | www.alsglobal.com

Client: Day Environmental, Inc.
Project: Manche
Sample Matrix: Water

Service Request: R1906131
Date Received: 07/01/2019

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:

Five water samples were received for analysis at ALS Environmental on 07/01/2019. 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.

Semivolatiles by GC/MS:

Method 8270D, 07/15/2019: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8270D, 07/15/2019: The control limits for matrix spike recovery of one or more of the spiked analytes is not applicable and have been flagged with a "#". The analyte concentration in the sample was significantly higher than the added spike concentration, preventing accurate evaluation of the spike recovery. No further corrective action was required.

Method 8270D, 07/17/2019: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Volatiles by GC/MS:

Method 8260C, 07/09/2019: 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) in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Approved by _____ Date 07/19/2019

SAMPLE DETECTION SUMMARY

CLIENT ID: MW-A	Lab ID: R1906131-001					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
1,2,4-Trimethylbenzene	180		0.20	5.0	ug/L	8260C
1,3,5-Trimethylbenzene	54		0.20	5.0	ug/L	8260C
2-Butanone (MEK)	5.3	J	0.78	10	ug/L	8260C
4-Isopropyltoluene	1.4	J	0.20	5.0	ug/L	8260C
4-Methyl-2-pentanone	0.78	J	0.20	10	ug/L	8260C
Acetone	18	B	2.1	10	ug/L	8260C
Benzene	4.4	J	0.20	5.0	ug/L	8260C
Cyclohexane	51		0.26	10	ug/L	8260C
Ethylbenzene	120		0.20	5.0	ug/L	8260C
Isopropylbenzene (Cumene)	13		0.20	5.0	ug/L	8260C
Methylcyclohexane	35		0.20	10	ug/L	8260C
Toluene	33		0.20	5.0	ug/L	8260C
m,p-Xylenes	340		0.20	5.0	ug/L	8260C
n-Butylbenzene	3.4	J	0.20	5.0	ug/L	8260C
n-Propylbenzene	25		0.20	5.0	ug/L	8260C
o-Xylene	60		0.20	5.0	ug/L	8260C
sec-Butylbenzene	2.6	J	0.20	5.0	ug/L	8260C
tert-Butylbenzene	0.24	J	0.20	5.0	ug/L	8260C
2-Methylnaphthalene	6.7	J	1.0	9.4	ug/L	8270D
Acetophenone	1.7	J	1.3	9.4	ug/L	8270D
Benzaldehyde	4.8	J	1.1	47	ug/L	8270D
Bis(2-ethylhexyl) Phthalate	180	E	9.7	9.7	ug/L	8270D
Naphthalene	27		1.1	9.4	ug/L	8270D
2-Methylnaphthalene	6.6	J	2.0	19	ug/L	8270D
Bis(2-ethylhexyl) Phthalate	180		20	20	ug/L	8270D
Naphthalene	27		2.2	19	ug/L	8270D

CLIENT ID: MW-2	Lab ID: R1906131-002					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Toluene	0.33	J	0.20	5.0	ug/L	8260C

CLIENT ID: RW-2	Lab ID: R1906131-003					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Tetrachloroethene (PCE)	1.1	J	0.21	5.0	ug/L	8260C
Trichloroethene (TCE)	0.74	J	0.20	5.0	ug/L	8260C
cis-1,2-Dichloroethene	0.43	J	0.23	5.0	ug/L	8260C

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: Day Environmental, Inc. **Service Request:**R1906131

Project: Manche/5474S-18

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R1906131-001	MW-A	7/1/2019	1207
R1906131-002	MW-2	7/1/2019	1319
R1906131-003	RW-2	7/1/2019	1407
R1906131-004	MW-3	7/1/2019	1515
R1906131-005	RW-3	7/1/2019	1551

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM 57723

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

Project Name: Manche	Project Number: 54745-18
Project Manager: Ray Kampff	Report CC: –
Company/Address: Day Environmental 1563 Lyell Ave. Rochester, NY 14606	
Phone #: 585-454-0210	Email: rkampff@daymail.net
Sampler's Signature:	Sampler's Printed Name: Hanna Miller

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs • 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)	REMARKS/ ALTERNATE DESCRIPTION
MW-A		7-1-19	12:07	GW	15	X	X						
MW-2		7-1-19	13:19	↓	5	X	X						
RW-2		7-1-19	14:07		5	X	X						
MW-3		7-1-19	15:05		5	X	X						
RW-3		7-1-19	15:51	↓	5	X	X						

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 _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals
- MW-A – MS/MSD Sample
- ASP cat -B

See QAPP ☐

STATE WHERE SAMPLES WERE COLLECTED

TURNAROUND REQUIREMENTS
____ RUSH (SURCHARGES APPLY)
____ 1 day ____ 2 day ____ 3 day
____ 4 day ____ 5 day
____ 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
Edata ____ Yes ____ No

INVOICE INFORMATION
PO #
BILL TO:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature:	Signature	Signature	Signature	Signature
Printed Name: Hanna Miller	Printed Name: Daniel Hurd	Printed Name	Printed Name	Printed Name	
Firm: Day Environmental	Firm: ALS	Firm	Firm	Firm	
Date/Time: 7-1-19 15:15	Date/Time: 7/1/19 / 1715	Date/Time	Date/Time	Date/Time	

R1906131
Day Environmental, Inc.
Manche
5

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

Cooler Receipt and Preservation Check Form

R1906131 5
Day Environmental, Inc.
Manche

Project/Client Day Env. Folder Number

Cooler received on 7/1/19 by: dlw

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: 7/1/19 Time: 1721 ID: IR#7 (IR#10) From: Temp Blank (Sample Bottle)

Observed Temp (°C)	11.6						
Correction Factor (°C)	+0.3						
Corrected Temp (°C)	11.9						
Temp from:Type of bottle	1LAmb6						
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: R-007 by dlw on 7/1/19 at 1721
5035 samples placed in storage location: _____ by _____ on _____ at _____

Cooler Breakdown/Preservation Check**: Date: 7/2/19 Time: 1225 by: dlw

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 with MS? 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	**	**	411704A0					

**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: 052019-10K, 8-335-002
Explain all Discrepancies/ Other Comments:

CLRES	BULK
DO	FLDT
HPROD	HGFB
HTR	LL3541
PH	SUB
SO3	MARRS
ALS	REV

Labels secondary reviewed by: JL
PC Secondary Review: _____

*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

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

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the ñNotesò 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 ñimmediateò 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 (Ó100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Certifications[1]

Connecticut ID # PH0556	Maine ID #NY0032	Pennsylvania ID# 68-786
Delaware Approved	New Hampshire ID # 2941	Rhode Island ID # 158
DoD ELAP #65817	New York ID # 10145	Virginia #460167
Florida ID # E87674	North Carolina #676	

[1] Analyses were performed according to our laboratoryôs 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.

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18		

Sample Name:	MW-A	**Date Collected:**	07/1/19
Lab Code:	R1906131-001	**Date Received:**	07/1/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		DLIPANI
8270D	KSERCU	JMISIUREWICZ

Sample Name:	MW-A	**Date Collected:**	07/1/19
Lab Code:	R1906131-001.R01	**Date Received:**	07/1/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8270D	KSERCU	JMISIUREWICZ

Sample Name:	MW-2	**Date Collected:**	07/1/19
Lab Code:	R1906131-002	**Date Received:**	07/1/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST
8270D	KSERCU	JMISIUREWICZ

Sample Name:	RW-2	**Date Collected:**	07/1/19
Lab Code:	R1906131-003	**Date Received:**	07/1/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST
8270D	KSERCU	JMISIUREWICZ

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18		

Sample Name:	MW-3	**Date Collected:**	07/1/19
Lab Code:	R1906131-004	**Date Received:**	07/1/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST
8270D	KSERCU	JMISIUREWICZ

Sample Name:	RW-3	**Date Collected:**	07/1/19
Lab Code:	R1906131-005	**Date Received:**	07/1/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST
8270D	KSERCU	JMISIUREWICZ

INORGANIC PREPARATION METHODS

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
9014 Cyanide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Acid Soluble	9030B
9056A Bomb (Halogens)	5050A
9066 Manual Distillation	9065
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
7196A	3060A
7199	3060A
9056A Halogens/Halides	5050
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
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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 12:07
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	MW-A	**Units:**	ug/L
Lab Code:	R1906131-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.21	U	5.0	0.21	1	07/10/19 14:32	
1,1,2,2-Tetrachloroethane	0.20	U	5.0	0.20	1	07/10/19 14:32	
1,1,2-Trichloroethane	0.20	U	5.0	0.20	1	07/10/19 14:32	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20	U	5.0	0.20	1	07/10/19 14:32	
1,1-Dichloroethane (1,1-DCA)	0.20	U	5.0	0.20	1	07/10/19 14:32	
1,1-Dichloroethene (1,1-DCE)	0.25	U	5.0	0.25	1	07/10/19 14:32	
1,2,3-Trichlorobenzene	0.20	U	5.0	0.20	1	07/10/19 14:32	
1,2,4-Trichlorobenzene	0.25	U	5.0	0.25	1	07/10/19 14:32	
1,2,4-Trimethylbenzene	**180**		5.0	0.20	1	07/10/19 14:32	
1,2-Dibromo-3-chloropropane (DBCP)	0.45	U	5.0	0.45	1	07/10/19 14:32	
1,2-Dibromoethane	0.20	U	5.0	0.20	1	07/10/19 14:32	
1,2-Dichlorobenzene	0.20	U	5.0	0.20	1	07/10/19 14:32	
1,2-Dichloroethane	0.20	U	5.0	0.20	1	07/10/19 14:32	
1,2-Dichloropropane	0.20	U	5.0	0.20	1	07/10/19 14:32	
1,3,5-Trimethylbenzene	**54**		5.0	0.20	1	07/10/19 14:32	
1,3-Dichlorobenzene	0.20	U	5.0	0.20	1	07/10/19 14:32	
1,4-Dichlorobenzene	0.20	U	5.0	0.20	1	07/10/19 14:32	
1,4-Dioxane	13	U	100	13	1	07/10/19 14:32	
2-Butanone (MEK)	**5.3**	**J**	10	0.78	1	07/10/19 14:32	
2-Hexanone	0.20	U	10	0.20	1	07/10/19 14:32	
4-Isopropyltoluene	**1.4**	**J**	5.0	0.20	1	07/10/19 14:32	
4-Methyl-2-pentanone	**0.78**	**J**	10	0.20	1	07/10/19 14:32	
Acetone	**18**	**B**	10	2.1	1	07/10/19 14:32	
Benzene	**4.4**	**J**	5.0	0.20	1	07/10/19 14:32	
Bromochloromethane	0.24	U	5.0	0.24	1	07/10/19 14:32	
Bromodichloromethane	0.22	U	5.0	0.22	1	07/10/19 14:32	
Bromoform	0.25	U	5.0	0.25	1	07/10/19 14:32	
Bromomethane	0.70	U	5.0	0.70	1	07/10/19 14:32	
Carbon Disulfide	0.25	U	10	0.25	1	07/10/19 14:32	
Carbon Tetrachloride	0.34	U	5.0	0.34	1	07/10/19 14:32	
Chlorobenzene	0.20	U	5.0	0.20	1	07/10/19 14:32	
Chloroethane	0.23	U	5.0	0.23	1	07/10/19 14:32	
Chloroform	0.24	U	5.0	0.24	1	07/10/19 14:32	
Chloromethane	0.28	U	5.0	0.28	1	07/10/19 14:32	
Cyclohexane	**51**		10	0.26	1	07/10/19 14:32	
Dibromochloromethane	0.20	U	5.0	0.20	1	07/10/19 14:32	
Dichlorodifluoromethane (CFC 12)	0.21	U	5.0	0.21	1	07/10/19 14:32	
Dichloromethane	0.36	U	5.0	0.36	1	07/10/19 14:32	
Ethylbenzene	**120**		5.0	0.20	1	07/10/19 14:32	
Isopropylbenzene (Cumene)	**13**		5.0	0.20	1	07/10/19 14:32	
Methyl Acetate	0.33	U	10	0.33	1	07/10/19 14:32	
Methyl tert-Butyl Ether	0.20	U	5.0	0.20	1	07/10/19 14:32	
Methylcyclohexane	**35**		10	0.20	1	07/10/19 14:32	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 12:07
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	MW-A	**Units:**	ug/L
Lab Code:	R1906131-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
Styrene	0.20	U	5.0	0.20	1	07/10/19 14:32	
Tetrachloroethene (PCE)	0.21	U	5.0	0.21	1	07/10/19 14:32	
Toluene	**33**		5.0	0.20	1	07/10/19 14:32	
Trichloroethene (TCE)	0.20	U	5.0	0.20	1	07/10/19 14:32	
Trichlorofluoromethane (CFC 11)	0.24	U	5.0	0.24	1	07/10/19 14:32	
Vinyl Chloride	0.20	U	5.0	0.20	1	07/10/19 14:32	
cis-1,2-Dichloroethene	0.23	U	5.0	0.23	1	07/10/19 14:32	
cis-1,3-Dichloropropene	0.20	U	5.0	0.20	1	07/10/19 14:32	
m,p-Xylenes	**340**		5.0	0.20	1	07/10/19 14:32	
n-Butylbenzene	**3.4**	**J**	5.0	0.20	1	07/10/19 14:32	
n-Propylbenzene	**25**		5.0	0.20	1	07/10/19 14:32	
o-Xylene	**60**		5.0	0.20	1	07/10/19 14:32	
sec-Butylbenzene	**2.6**	**J**	5.0	0.20	1	07/10/19 14:32	
tert-Butylbenzene	**0.24**	**J**	5.0	0.20	1	07/10/19 14:32	
trans-1,2-Dichloroethene	0.20	U	5.0	0.20	1	07/10/19 14:32	
trans-1,3-Dichloropropene	0.23	U	5.0	0.23	1	07/10/19 14:32	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	07/10/19 14:32	
Dibromofluoromethane	100	89 - 119	07/10/19 14:32	
Toluene-d8	100	87 - 121	07/10/19 14:32	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 13:19
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	MW-2	**Units:**	ug/L
Lab Code:	R1906131-002	**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)	0.21 U	5.0	0.21	1	07/09/19 17:49	
1,1,2,2-Tetrachloroethane	0.20 U	5.0	0.20	1	07/09/19 17:49	
1,1,2-Trichloroethane	0.20 U	5.0	0.20	1	07/09/19 17:49	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20 U	5.0	0.20	1	07/09/19 17:49	
1,1-Dichloroethane (1,1-DCA)	0.20 U	5.0	0.20	1	07/09/19 17:49	
1,1-Dichloroethene (1,1-DCE)	0.25 U	5.0	0.25	1	07/09/19 17:49	
1,2,3-Trichlorobenzene	0.20 U	5.0	0.20	1	07/09/19 17:49	
1,2,4-Trichlorobenzene	0.25 U	5.0	0.25	1	07/09/19 17:49	
1,2,4-Trimethylbenzene	0.20 U	5.0	0.20	1	07/09/19 17:49	
1,2-Dibromo-3-chloropropane (DBCP)	0.45 U	5.0	0.45	1	07/09/19 17:49	
1,2-Dibromoethane	0.20 U	5.0	0.20	1	07/09/19 17:49	
1,2-Dichlorobenzene	0.20 U	5.0	0.20	1	07/09/19 17:49	
1,2-Dichloroethane	0.20 U	5.0	0.20	1	07/09/19 17:49	
1,2-Dichloropropane	0.20 U	5.0	0.20	1	07/09/19 17:49	
1,3,5-Trimethylbenzene	0.20 U	5.0	0.20	1	07/09/19 17:49	
1,3-Dichlorobenzene	0.20 U	5.0	0.20	1	07/09/19 17:49	
1,4-Dichlorobenzene	0.20 U	5.0	0.20	1	07/09/19 17:49	
1,4-Dioxane	13 U	100	13	1	07/09/19 17:49	
2-Butanone (MEK)	0.78 U	10	0.78	1	07/09/19 17:49	
2-Hexanone	0.20 U	10	0.20	1	07/09/19 17:49	
4-Isopropyltoluene	0.20 U	5.0	0.20	1	07/09/19 17:49	
4-Methyl-2-pentanone	0.20 U	10	0.20	1	07/09/19 17:49	
Acetone	2.1 U	10	2.1	1	07/09/19 17:49	
Benzene	0.20 U	5.0	0.20	1	07/09/19 17:49	
Bromochloromethane	0.24 U	5.0	0.24	1	07/09/19 17:49	
Bromodichloromethane	0.22 U	5.0	0.22	1	07/09/19 17:49	
Bromoform	0.25 U	5.0	0.25	1	07/09/19 17:49	
Bromomethane	0.70 U	5.0	0.70	1	07/09/19 17:49	
Carbon Disulfide	0.25 U	10	0.25	1	07/09/19 17:49	
Carbon Tetrachloride	0.34 U	5.0	0.34	1	07/09/19 17:49	
Chlorobenzene	0.20 U	5.0	0.20	1	07/09/19 17:49	
Chloroethane	0.23 U	5.0	0.23	1	07/09/19 17:49	
Chloroform	0.24 U	5.0	0.24	1	07/09/19 17:49	
Chloromethane	0.28 U	5.0	0.28	1	07/09/19 17:49	
Cyclohexane	0.26 U	10	0.26	1	07/09/19 17:49	
Dibromochloromethane	0.20 U	5.0	0.20	1	07/09/19 17:49	
Dichlorodifluoromethane (CFC 12)	0.21 U	5.0	0.21	1	07/09/19 17:49	
Dichloromethane	0.36 U	5.0	0.36	1	07/09/19 17:49	
Ethylbenzene	0.20 U	5.0	0.20	1	07/09/19 17:49	
Isopropylbenzene (Cumene)	0.20 U	5.0	0.20	1	07/09/19 17:49	
Methyl Acetate	0.33 U	10	0.33	1	07/09/19 17:49	
Methyl tert-Butyl Ether	0.20 U	5.0	0.20	1	07/09/19 17:49	
Methylcyclohexane	0.20 U	10	0.20	1	07/09/19 17:49	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 13:19
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	MW-2	**Units:**	ug/L
Lab Code:	R1906131-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Styrene	0.20 U	5.0	0.20	1	07/09/19 17:49	
Tetrachloroethene (PCE)	0.21 U	5.0	0.21	1	07/09/19 17:49	
Toluene	**0.33 J**	5.0	0.20	1	07/09/19 17:49	
Trichloroethene (TCE)	0.20 U	5.0	0.20	1	07/09/19 17:49	
Trichlorofluoromethane (CFC 11)	0.24 U	5.0	0.24	1	07/09/19 17:49	
Vinyl Chloride	0.20 U	5.0	0.20	1	07/09/19 17:49	
cis-1,2-Dichloroethene	0.23 U	5.0	0.23	1	07/09/19 17:49	
cis-1,3-Dichloropropene	0.20 U	5.0	0.20	1	07/09/19 17:49	
m,p-Xylenes	0.20 U	5.0	0.20	1	07/09/19 17:49	
n-Butylbenzene	0.20 U	5.0	0.20	1	07/09/19 17:49	
n-Propylbenzene	0.20 U	5.0	0.20	1	07/09/19 17:49	
o-Xylene	0.20 U	5.0	0.20	1	07/09/19 17:49	
sec-Butylbenzene	0.20 U	5.0	0.20	1	07/09/19 17:49	
tert-Butylbenzene	0.20 U	5.0	0.20	1	07/09/19 17:49	
trans-1,2-Dichloroethene	0.20 U	5.0	0.20	1	07/09/19 17:49	
trans-1,3-Dichloropropene	0.23 U	5.0	0.23	1	07/09/19 17:49	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	87	85 - 122	07/09/19 17:49	
Dibromofluoromethane	94	89 - 119	07/09/19 17:49	
Toluene-d8	97	87 - 121	07/09/19 17:49	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 14:07
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	RW-2	**Units:**	ug/L
Lab Code:	R1906131-003	**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)	0.21 U	5.0	0.21	1	07/09/19 18:11	
1,1,2,2-Tetrachloroethane	0.20 U	5.0	0.20	1	07/09/19 18:11	
1,1,2-Trichloroethane	0.20 U	5.0	0.20	1	07/09/19 18:11	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20 U	5.0	0.20	1	07/09/19 18:11	
1,1-Dichloroethane (1,1-DCA)	0.20 U	5.0	0.20	1	07/09/19 18:11	
1,1-Dichloroethene (1,1-DCE)	0.25 U	5.0	0.25	1	07/09/19 18:11	
1,2,3-Trichlorobenzene	0.20 U	5.0	0.20	1	07/09/19 18:11	
1,2,4-Trichlorobenzene	0.25 U	5.0	0.25	1	07/09/19 18:11	
1,2,4-Trimethylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:11	
1,2-Dibromo-3-chloropropane (DBCP)	0.45 U	5.0	0.45	1	07/09/19 18:11	
1,2-Dibromoethane	0.20 U	5.0	0.20	1	07/09/19 18:11	
1,2-Dichlorobenzene	0.20 U	5.0	0.20	1	07/09/19 18:11	
1,2-Dichloroethane	0.20 U	5.0	0.20	1	07/09/19 18:11	
1,2-Dichloropropane	0.20 U	5.0	0.20	1	07/09/19 18:11	
1,3,5-Trimethylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:11	
1,3-Dichlorobenzene	0.20 U	5.0	0.20	1	07/09/19 18:11	
1,4-Dichlorobenzene	0.20 U	5.0	0.20	1	07/09/19 18:11	
1,4-Dioxane	13 U	100	13	1	07/09/19 18:11	
2-Butanone (MEK)	0.78 U	10	0.78	1	07/09/19 18:11	
2-Hexanone	0.20 U	10	0.20	1	07/09/19 18:11	
4-Isopropyltoluene	0.20 U	5.0	0.20	1	07/09/19 18:11	
4-Methyl-2-pentanone	0.20 U	10	0.20	1	07/09/19 18:11	
Acetone	2.1 U	10	2.1	1	07/09/19 18:11	
Benzene	0.20 U	5.0	0.20	1	07/09/19 18:11	
Bromochloromethane	0.24 U	5.0	0.24	1	07/09/19 18:11	
Bromodichloromethane	0.22 U	5.0	0.22	1	07/09/19 18:11	
Bromoform	0.25 U	5.0	0.25	1	07/09/19 18:11	
Bromomethane	0.70 U	5.0	0.70	1	07/09/19 18:11	
Carbon Disulfide	0.25 U	10	0.25	1	07/09/19 18:11	
Carbon Tetrachloride	0.34 U	5.0	0.34	1	07/09/19 18:11	
Chlorobenzene	0.20 U	5.0	0.20	1	07/09/19 18:11	
Chloroethane	0.23 U	5.0	0.23	1	07/09/19 18:11	
Chloroform	0.24 U	5.0	0.24	1	07/09/19 18:11	
Chloromethane	0.28 U	5.0	0.28	1	07/09/19 18:11	
Cyclohexane	0.26 U	10	0.26	1	07/09/19 18:11	
Dibromochloromethane	0.20 U	5.0	0.20	1	07/09/19 18:11	
Dichlorodifluoromethane (CFC 12)	0.21 U	5.0	0.21	1	07/09/19 18:11	
Dichloromethane	0.36 U	5.0	0.36	1	07/09/19 18:11	
Ethylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:11	
Isopropylbenzene (Cumene)	0.20 U	5.0	0.20	1	07/09/19 18:11	
Methyl Acetate	0.33 U	10	0.33	1	07/09/19 18:11	
Methyl tert-Butyl Ether	0.20 U	5.0	0.20	1	07/09/19 18:11	
Methylcyclohexane	0.20 U	10	0.20	1	07/09/19 18:11	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 14:07
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	RW-2	**Units:**	ug/L
Lab Code:	R1906131-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Styrene	0.20 U	5.0	0.20	1	07/09/19 18:11	
Tetrachloroethene (PCE)	**1.1 J**	5.0	0.21	1	07/09/19 18:11	
Toluene	0.20 U	5.0	0.20	1	07/09/19 18:11	
Trichloroethene (TCE)	**0.74 J**	5.0	0.20	1	07/09/19 18:11	
Trichlorofluoromethane (CFC 11)	0.24 U	5.0	0.24	1	07/09/19 18:11	
Vinyl Chloride	0.20 U	5.0	0.20	1	07/09/19 18:11	
cis-1,2-Dichloroethene	**0.43 J**	5.0	0.23	1	07/09/19 18:11	
cis-1,3-Dichloropropene	0.20 U	5.0	0.20	1	07/09/19 18:11	
m,p-Xylenes	0.20 U	5.0	0.20	1	07/09/19 18:11	
n-Butylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:11	
n-Propylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:11	
o-Xylene	0.20 U	5.0	0.20	1	07/09/19 18:11	
sec-Butylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:11	
tert-Butylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:11	
trans-1,2-Dichloroethene	0.20 U	5.0	0.20	1	07/09/19 18:11	
trans-1,3-Dichloropropene	0.23 U	5.0	0.23	1	07/09/19 18:11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	87	85 - 122	07/09/19 18:11	
Dibromofluoromethane	95	89 - 119	07/09/19 18:11	
Toluene-d8	97	87 - 121	07/09/19 18:11	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 15:15
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	MW-3	**Units:**	ug/L
Lab Code:	R1906131-004	**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)	0.21 U	5.0	0.21	1	07/09/19 18:33	
1,1,2,2-Tetrachloroethane	0.20 U	5.0	0.20	1	07/09/19 18:33	
1,1,2-Trichloroethane	0.20 U	5.0	0.20	1	07/09/19 18:33	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20 U	5.0	0.20	1	07/09/19 18:33	
1,1-Dichloroethane (1,1-DCA)	0.20 U	5.0	0.20	1	07/09/19 18:33	
1,1-Dichloroethene (1,1-DCE)	0.25 U	5.0	0.25	1	07/09/19 18:33	
1,2,3-Trichlorobenzene	0.20 U	5.0	0.20	1	07/09/19 18:33	
1,2,4-Trichlorobenzene	0.25 U	5.0	0.25	1	07/09/19 18:33	
1,2,4-Trimethylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:33	
1,2-Dibromo-3-chloropropane (DBCP)	0.45 U	5.0	0.45	1	07/09/19 18:33	
1,2-Dibromoethane	0.20 U	5.0	0.20	1	07/09/19 18:33	
1,2-Dichlorobenzene	0.20 U	5.0	0.20	1	07/09/19 18:33	
1,2-Dichloroethane	0.20 U	5.0	0.20	1	07/09/19 18:33	
1,2-Dichloropropane	0.20 U	5.0	0.20	1	07/09/19 18:33	
1,3,5-Trimethylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:33	
1,3-Dichlorobenzene	0.20 U	5.0	0.20	1	07/09/19 18:33	
1,4-Dichlorobenzene	0.20 U	5.0	0.20	1	07/09/19 18:33	
1,4-Dioxane	13 U	100	13	1	07/09/19 18:33	
2-Butanone (MEK)	0.78 U	10	0.78	1	07/09/19 18:33	
2-Hexanone	0.20 U	10	0.20	1	07/09/19 18:33	
4-Isopropyltoluene	0.20 U	5.0	0.20	1	07/09/19 18:33	
4-Methyl-2-pentanone	0.20 U	10	0.20	1	07/09/19 18:33	
Acetone	2.1 U	10	2.1	1	07/09/19 18:33	
Benzene	0.20 U	5.0	0.20	1	07/09/19 18:33	
Bromochloromethane	0.24 U	5.0	0.24	1	07/09/19 18:33	
Bromodichloromethane	0.22 U	5.0	0.22	1	07/09/19 18:33	
Bromoform	0.25 U	5.0	0.25	1	07/09/19 18:33	
Bromomethane	0.70 U	5.0	0.70	1	07/09/19 18:33	
Carbon Disulfide	0.25 U	10	0.25	1	07/09/19 18:33	
Carbon Tetrachloride	0.34 U	5.0	0.34	1	07/09/19 18:33	
Chlorobenzene	0.20 U	5.0	0.20	1	07/09/19 18:33	
Chloroethane	0.23 U	5.0	0.23	1	07/09/19 18:33	
Chloroform	0.24 U	5.0	0.24	1	07/09/19 18:33	
Chloromethane	0.28 U	5.0	0.28	1	07/09/19 18:33	
Cyclohexane	0.26 U	10	0.26	1	07/09/19 18:33	
Dibromochloromethane	0.20 U	5.0	0.20	1	07/09/19 18:33	
Dichlorodifluoromethane (CFC 12)	0.21 U	5.0	0.21	1	07/09/19 18:33	
Dichloromethane	0.36 U	5.0	0.36	1	07/09/19 18:33	
Ethylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:33	
Isopropylbenzene (Cumene)	0.20 U	5.0	0.20	1	07/09/19 18:33	
Methyl Acetate	0.33 U	10	0.33	1	07/09/19 18:33	
Methyl tert-Butyl Ether	0.20 U	5.0	0.20	1	07/09/19 18:33	
Methylcyclohexane	0.20 U	10	0.20	1	07/09/19 18:33	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 15:15
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	MW-3	**Units:**	ug/L
Lab Code:	R1906131-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Styrene	0.20 U	5.0	0.20	1	07/09/19 18:33	
Tetrachloroethene (PCE)	0.21 U	5.0	0.21	1	07/09/19 18:33	
Toluene	0.20 U	5.0	0.20	1	07/09/19 18:33	
Trichloroethene (TCE)	0.20 U	5.0	0.20	1	07/09/19 18:33	
Trichlorofluoromethane (CFC 11)	0.24 U	5.0	0.24	1	07/09/19 18:33	
Vinyl Chloride	0.20 U	5.0	0.20	1	07/09/19 18:33	
cis-1,2-Dichloroethene	0.23 U	5.0	0.23	1	07/09/19 18:33	
cis-1,3-Dichloropropene	0.20 U	5.0	0.20	1	07/09/19 18:33	
m,p-Xylenes	0.20 U	5.0	0.20	1	07/09/19 18:33	
n-Butylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:33	
n-Propylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:33	
o-Xylene	0.20 U	5.0	0.20	1	07/09/19 18:33	
sec-Butylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:33	
tert-Butylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:33	
trans-1,2-Dichloroethene	0.20 U	5.0	0.20	1	07/09/19 18:33	
trans-1,3-Dichloropropene	0.23 U	5.0	0.23	1	07/09/19 18:33	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	87	85 - 122	07/09/19 18:33	
Dibromofluoromethane	94	89 - 119	07/09/19 18:33	
Toluene-d8	96	87 - 121	07/09/19 18:33	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 15:51
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	RW-3	**Units:**	ug/L
Lab Code:	R1906131-005	**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)	0.21 U	5.0	0.21	1	07/09/19 18:54	
1,1,2,2-Tetrachloroethane	0.20 U	5.0	0.20	1	07/09/19 18:54	
1,1,2-Trichloroethane	0.20 U	5.0	0.20	1	07/09/19 18:54	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20 U	5.0	0.20	1	07/09/19 18:54	
1,1-Dichloroethane (1,1-DCA)	0.20 U	5.0	0.20	1	07/09/19 18:54	
1,1-Dichloroethene (1,1-DCE)	0.25 U	5.0	0.25	1	07/09/19 18:54	
1,2,3-Trichlorobenzene	0.20 U	5.0	0.20	1	07/09/19 18:54	
1,2,4-Trichlorobenzene	0.25 U	5.0	0.25	1	07/09/19 18:54	
1,2,4-Trimethylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:54	
1,2-Dibromo-3-chloropropane (DBCP)	0.45 U	5.0	0.45	1	07/09/19 18:54	
1,2-Dibromoethane	0.20 U	5.0	0.20	1	07/09/19 18:54	
1,2-Dichlorobenzene	0.20 U	5.0	0.20	1	07/09/19 18:54	
1,2-Dichloroethane	0.20 U	5.0	0.20	1	07/09/19 18:54	
1,2-Dichloropropane	0.20 U	5.0	0.20	1	07/09/19 18:54	
1,3,5-Trimethylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:54	
1,3-Dichlorobenzene	0.20 U	5.0	0.20	1	07/09/19 18:54	
1,4-Dichlorobenzene	0.20 U	5.0	0.20	1	07/09/19 18:54	
1,4-Dioxane	13 U	100	13	1	07/09/19 18:54	
2-Butanone (MEK)	0.78 U	10	0.78	1	07/09/19 18:54	
2-Hexanone	0.20 U	10	0.20	1	07/09/19 18:54	
4-Isopropyltoluene	0.20 U	5.0	0.20	1	07/09/19 18:54	
4-Methyl-2-pentanone	0.20 U	10	0.20	1	07/09/19 18:54	
Acetone	2.1 U	10	2.1	1	07/09/19 18:54	
Benzene	0.20 U	5.0	0.20	1	07/09/19 18:54	
Bromochloromethane	0.24 U	5.0	0.24	1	07/09/19 18:54	
Bromodichloromethane	0.22 U	5.0	0.22	1	07/09/19 18:54	
Bromoform	0.25 U	5.0	0.25	1	07/09/19 18:54	
Bromomethane	0.70 U	5.0	0.70	1	07/09/19 18:54	
Carbon Disulfide	0.25 U	10	0.25	1	07/09/19 18:54	
Carbon Tetrachloride	0.34 U	5.0	0.34	1	07/09/19 18:54	
Chlorobenzene	0.20 U	5.0	0.20	1	07/09/19 18:54	
Chloroethane	0.23 U	5.0	0.23	1	07/09/19 18:54	
Chloroform	0.24 U	5.0	0.24	1	07/09/19 18:54	
Chloromethane	0.28 U	5.0	0.28	1	07/09/19 18:54	
Cyclohexane	0.26 U	10	0.26	1	07/09/19 18:54	
Dibromochloromethane	0.20 U	5.0	0.20	1	07/09/19 18:54	
Dichlorodifluoromethane (CFC 12)	0.21 U	5.0	0.21	1	07/09/19 18:54	
Dichloromethane	0.36 U	5.0	0.36	1	07/09/19 18:54	
Ethylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:54	
Isopropylbenzene (Cumene)	0.20 U	5.0	0.20	1	07/09/19 18:54	
Methyl Acetate	0.33 U	10	0.33	1	07/09/19 18:54	
Methyl tert-Butyl Ether	0.20 U	5.0	0.20	1	07/09/19 18:54	
Methylcyclohexane	0.20 U	10	0.20	1	07/09/19 18:54	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 15:51
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	RW-3	**Units:**	ug/L
Lab Code:	R1906131-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Styrene	0.20 U	5.0	0.20	1	07/09/19 18:54	
Tetrachloroethene (PCE)	0.21 U	5.0	0.21	1	07/09/19 18:54	
Toluene	0.20 U	5.0	0.20	1	07/09/19 18:54	
Trichloroethene (TCE)	0.20 U	5.0	0.20	1	07/09/19 18:54	
Trichlorofluoromethane (CFC 11)	0.24 U	5.0	0.24	1	07/09/19 18:54	
Vinyl Chloride	0.20 U	5.0	0.20	1	07/09/19 18:54	
cis-1,2-Dichloroethene	0.23 U	5.0	0.23	1	07/09/19 18:54	
cis-1,3-Dichloropropene	0.20 U	5.0	0.20	1	07/09/19 18:54	
m,p-Xylenes	0.20 U	5.0	0.20	1	07/09/19 18:54	
n-Butylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:54	
n-Propylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:54	
o-Xylene	0.20 U	5.0	0.20	1	07/09/19 18:54	
sec-Butylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:54	
tert-Butylbenzene	0.20 U	5.0	0.20	1	07/09/19 18:54	
trans-1,2-Dichloroethene	0.20 U	5.0	0.20	1	07/09/19 18:54	
trans-1,3-Dichloropropene	0.23 U	5.0	0.23	1	07/09/19 18:54	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	89	85 - 122	07/09/19 18:54	
Dibromofluoromethane	92	89 - 119	07/09/19 18:54	
Toluene-d8	96	87 - 121	07/09/19 18:54	

Semivolatile Organic Compounds by GC/MS

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 12:07
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	MW-A	**Units:**	ug/L
Lab Code:	R1906131-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	
2,3,4,6-Tetrachlorophenol	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	
2,4,5-Trichlorophenol	1.1 U	9.4	1.1	1	07/15/19 19:46	7/8/19	
2,4,6-Trichlorophenol	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	
2,4-Dichlorophenol	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	
2,4-Dimethylphenol	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	
2,4-Dinitrophenol	7.0 U	47	7.0	1	07/15/19 19:46	7/8/19	
2,4-Dinitrotoluene	2.7 U	9.4	2.7	1	07/15/19 19:46	7/8/19	
2,6-Dinitrotoluene	1.5 U	9.4	1.5	1	07/15/19 19:46	7/8/19	
2-Chloronaphthalene	1.1 U	9.4	1.1	1	07/15/19 19:46	7/8/19	
2-Chlorophenol	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	
2-Methylnaphthalene	**6.7 J**	9.4	1.0	1	07/15/19 19:46	7/8/19	
2-Methylphenol	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	
2-Nitroaniline	2.4 U	47	2.4	1	07/15/19 19:46	7/8/19	
2-Nitrophenol	1.5 U	9.4	1.5	1	07/15/19 19:46	7/8/19	
3,3'-Dichlorobenzidine	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	
3- and 4-Methylphenol Coelution	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	
3-Nitroaniline	1.8 U	47	1.8	1	07/15/19 19:46	7/8/19	
4,6-Dinitro-2-methylphenol	3.7 U	47	3.7	1	07/15/19 19:46	7/8/19	
4-Bromophenyl Phenyl Ether	1.4 U	9.4	1.4	1	07/15/19 19:46	7/8/19	
4-Chloro-3-methylphenol	1.1 U	9.4	1.1	1	07/15/19 19:46	7/8/19	
4-Chloroaniline	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	
4-Chlorophenyl Phenyl Ether	1.2 U	9.4	1.2	1	07/15/19 19:46	7/8/19	
4-Nitroaniline	1.9 U	47	1.9	1	07/15/19 19:46	7/8/19	
4-Nitrophenol	3.0 U	47	3.0	1	07/15/19 19:46	7/8/19	
Acenaphthene	1.6 U	9.4	1.6	1	07/15/19 19:46	7/8/19	
Acenaphthylene	1.3 U	9.4	1.3	1	07/15/19 19:46	7/8/19	
Acetophenone	**1.7 J**	9.4	1.3	1	07/15/19 19:46	7/8/19	
Anthracene	1.4 U	9.4	1.4	1	07/15/19 19:46	7/8/19	
Atrazine	1.3 U	9.4	1.3	1	07/15/19 19:46	7/8/19	
Benz(a)anthracene	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	
Benzaldehyde	**4.8 J**	47	1.1	1	07/15/19 19:46	7/8/19	
Benzo(a)pyrene	1.3 U	9.4	1.3	1	07/15/19 19:46	7/8/19	
Benzo(b)fluoranthene	1.3 U	9.4	1.3	1	07/15/19 19:46	7/8/19	
Benzo(g,h,i)perylene	1.5 U	9.4	1.5	1	07/15/19 19:46	7/8/19	
Benzo(k)fluoranthene	1.5 U	9.4	1.5	1	07/15/19 19:46	7/8/19	
Biphenyl	1.9 U	9.4	1.9	1	07/15/19 19:46	7/8/19	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.4	1.4	1	07/15/19 19:46	7/8/19	
Bis(2-chloroethoxy)methane	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	
Bis(2-chloroethyl) Ether	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	
Bis(2-ethylhexyl) Phthalate	**180 E**	9.7	9.7	1	07/15/19 19:46	7/8/19	
Butyl Benzyl Phthalate	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	
Caprolactam	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 12:07
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	MW-A	**Units:**	ug/L
Lab Code:	R1906131-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	1.3 U	9.4	1.3	1	07/15/19 19:46	7/8/19	
Chrysene	1.5 U	9.4	1.5	1	07/15/19 19:46	7/8/19	
Di-n-butyl Phthalate	1.1 U	9.4	1.1	1	07/15/19 19:46	7/8/19	
Di-n-octyl Phthalate	1.8 U	9.4	1.8	1	07/15/19 19:46	7/8/19	
Dibenz(a,h)anthracene	1.4 U	9.4	1.4	1	07/15/19 19:46	7/8/19	
Dibenzofuran	1.3 U	9.4	1.3	1	07/15/19 19:46	7/8/19	
Diethyl Phthalate	1.2 U	9.4	1.2	1	07/15/19 19:46	7/8/19	
Dimethyl Phthalate	1.5 U	9.4	1.5	1	07/15/19 19:46	7/8/19	
Fluoranthene	1.4 U	9.4	1.4	1	07/15/19 19:46	7/8/19	
Fluorene	1.6 U	9.4	1.6	1	07/15/19 19:46	7/8/19	
Hexachlorobenzene	1.4 U	9.4	1.4	1	07/15/19 19:46	7/8/19	
Hexachlorobutadiene	1.1 U	9.4	1.1	1	07/15/19 19:46	7/8/19	
Hexachlorocyclopentadiene	1.5 U	9.4	1.5	1	07/15/19 19:46	7/8/19	
Hexachloroethane	1.2 U	9.4	1.2	1	07/15/19 19:46	7/8/19	
Indeno(1,2,3-cd)pyrene	1.4 U	9.4	1.4	1	07/15/19 19:46	7/8/19	
Isophorone	1.2 U	9.4	1.2	1	07/15/19 19:46	7/8/19	
N-Nitrosodi-n-propylamine	2.0 U	9.4	2.0	1	07/15/19 19:46	7/8/19	
N-Nitrosodiphenylamine	4.7 U	9.4	4.7	1	07/15/19 19:46	7/8/19	
Naphthalene	**27**	9.4	1.1	1	07/15/19 19:46	7/8/19	
Nitrobenzene	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	
Pentachlorophenol (PCP)	6.0 U	47	6.0	1	07/15/19 19:46	7/8/19	
Phenanthrene	1.6 U	9.4	1.6	1	07/15/19 19:46	7/8/19	
Phenol	1.0 U	9.4	1.0	1	07/15/19 19:46	7/8/19	
Pyrene	1.8 U	9.4	1.8	1	07/15/19 19:46	7/8/19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	91	35 - 141	07/15/19 19:46	
2-Fluorobiphenyl	76	31 - 118	07/15/19 19:46	
2-Fluorophenol	36	10 - 105	07/15/19 19:46	
Nitrobenzene-d5	73	31 - 110	07/15/19 19:46	
Phenol-d6	24	10 - 107	07/15/19 19:46	
Terphenyl-d14	59	10 - 165	07/15/19 19:46	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 12:07
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	MW-A	**Units:**	ug/L
Lab Code:	R1906131-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	2.0 U	19	2.0	2	07/17/19 17:01	7/8/19	
2,3,4,6-Tetrachlorophenol	2.0 U	19	2.0	2	07/17/19 17:01	7/8/19	
2,4,5-Trichlorophenol	2.2 U	19	2.2	2	07/17/19 17:01	7/8/19	
2,4,6-Trichlorophenol	2.0 U	19	2.0	2	07/17/19 17:01	7/8/19	
2,4-Dichlorophenol	2.0 U	19	2.0	2	07/17/19 17:01	7/8/19	
2,4-Dimethylphenol	2.0 U	19	2.0	2	07/17/19 17:01	7/8/19	
2,4-Dinitrophenol	14 U	94	14	2	07/17/19 17:01	7/8/19	
2,4-Dinitrotoluene	5.4 U	19	5.4	2	07/17/19 17:01	7/8/19	
2,6-Dinitrotoluene	3.0 U	19	3.0	2	07/17/19 17:01	7/8/19	
2-Chloronaphthalene	2.2 U	19	2.2	2	07/17/19 17:01	7/8/19	
2-Chlorophenol	2.0 U	19	2.0	2	07/17/19 17:01	7/8/19	
2-Methylnaphthalene	**6.6 J**	19	2.0	2	07/17/19 17:01	7/8/19	
2-Methylphenol	2.0 U	19	2.0	2	07/17/19 17:01	7/8/19	
2-Nitroaniline	4.8 U	94	4.8	2	07/17/19 17:01	7/8/19	
2-Nitrophenol	3.0 U	19	3.0	2	07/17/19 17:01	7/8/19	
3,3'-Dichlorobenzidine	2.0 U	19	2.0	2	07/17/19 17:01	7/8/19	
3- and 4-Methylphenol Coelution	2.0 U	19	2.0	2	07/17/19 17:01	7/8/19	
3-Nitroaniline	3.6 U	94	3.6	2	07/17/19 17:01	7/8/19	
4,6-Dinitro-2-methylphenol	7.4 U	94	7.4	2	07/17/19 17:01	7/8/19	
4-Bromophenyl Phenyl Ether	2.8 U	19	2.8	2	07/17/19 17:01	7/8/19	
4-Chloro-3-methylphenol	2.2 U	19	2.2	2	07/17/19 17:01	7/8/19	
4-Chloroaniline	2.0 U	19	2.0	2	07/17/19 17:01	7/8/19	
4-Chlorophenyl Phenyl Ether	2.4 U	19	2.4	2	07/17/19 17:01	7/8/19	
4-Nitroaniline	3.8 U	94	3.8	2	07/17/19 17:01	7/8/19	
4-Nitrophenol	6.0 U	94	6.0	2	07/17/19 17:01	7/8/19	
Acenaphthene	3.2 U	19	3.2	2	07/17/19 17:01	7/8/19	
Acenaphthylene	2.6 U	19	2.6	2	07/17/19 17:01	7/8/19	
Acetophenone	2.6 U	19	2.6	2	07/17/19 17:01	7/8/19	
Anthracene	2.8 U	19	2.8	2	07/17/19 17:01	7/8/19	
Atrazine	2.6 U	19	2.6	2	07/17/19 17:01	7/8/19	
Benz(a)anthracene	2.0 U	19	2.0	2	07/17/19 17:01	7/8/19	
Benzaldehyde	2.2 U	94	2.2	2	07/17/19 17:01	7/8/19	
Benzo(a)pyrene	2.6 U	19	2.6	2	07/17/19 17:01	7/8/19	
Benzo(b)fluoranthene	2.6 U	19	2.6	2	07/17/19 17:01	7/8/19	
Benzo(g,h,i)perylene	3.0 U	19	3.0	2	07/17/19 17:01	7/8/19	
Benzo(k)fluoranthene	3.0 U	19	3.0	2	07/17/19 17:01	7/8/19	
Biphenyl	3.8 U	19	3.8	2	07/17/19 17:01	7/8/19	
2,2'-Oxybis(1-chloropropane)	2.8 U	19	2.8	2	07/17/19 17:01	7/8/19	
Bis(2-chloroethoxy)methane	2.0 U	19	2.0	2	07/17/19 17:01	7/8/19	
Bis(2-chloroethyl) Ether	2.0 U	19	2.0	2	07/17/19 17:01	7/8/19	
Bis(2-ethylhexyl) Phthalate	**180 D**	20	20	2	07/17/19 17:01	7/8/19	
Butyl Benzyl Phthalate	2.0 U	19	2.0	2	07/17/19 17:01	7/8/19	
Caprolactam	2.0 U	19	2.0	2	07/17/19 17:01	7/8/19	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 12:07
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	MW-A	**Units:**	ug/L
Lab Code:	R1906131-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	2.6 U	19	2.6	2	07/17/19 17:01	7/8/19	
Chrysene	3.0 U	19	3.0	2	07/17/19 17:01	7/8/19	
Di-n-butyl Phthalate	2.2 U	19	2.2	2	07/17/19 17:01	7/8/19	
Di-n-octyl Phthalate	3.6 U	19	3.6	2	07/17/19 17:01	7/8/19	
Dibenz(a,h)anthracene	2.8 U	19	2.8	2	07/17/19 17:01	7/8/19	
Dibenzofuran	2.6 U	19	2.6	2	07/17/19 17:01	7/8/19	
Diethyl Phthalate	2.4 U	19	2.4	2	07/17/19 17:01	7/8/19	
Dimethyl Phthalate	3.0 U	19	3.0	2	07/17/19 17:01	7/8/19	
Fluoranthene	2.8 U	19	2.8	2	07/17/19 17:01	7/8/19	
Fluorene	3.2 U	19	3.2	2	07/17/19 17:01	7/8/19	
Hexachlorobenzene	2.8 U	19	2.8	2	07/17/19 17:01	7/8/19	
Hexachlorobutadiene	2.2 U	19	2.2	2	07/17/19 17:01	7/8/19	
Hexachlorocyclopentadiene	3.0 U	19	3.0	2	07/17/19 17:01	7/8/19	
Hexachloroethane	2.4 U	19	2.4	2	07/17/19 17:01	7/8/19	
Indeno(1,2,3-cd)pyrene	2.8 U	19	2.8	2	07/17/19 17:01	7/8/19	
Isophorone	2.4 U	19	2.4	2	07/17/19 17:01	7/8/19	
N-Nitrosodi-n-propylamine	4.0 U	19	4.0	2	07/17/19 17:01	7/8/19	
N-Nitrosodiphenylamine	9.4 U	19	9.4	2	07/17/19 17:01	7/8/19	
Naphthalene	**27 D**	19	2.2	2	07/17/19 17:01	7/8/19	
Nitrobenzene	2.0 U	19	2.0	2	07/17/19 17:01	7/8/19	
Pentachlorophenol (PCP)	12 U	94	12	2	07/17/19 17:01	7/8/19	
Phenanthrene	3.2 U	19	3.2	2	07/17/19 17:01	7/8/19	
Phenol	6.0 U	19	6.0	2	07/17/19 17:01	7/8/19	
Pyrene	3.6 U	19	3.6	2	07/17/19 17:01	7/8/19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	92	35 - 141	07/17/19 17:01	
2-Fluorobiphenyl	76	31 - 118	07/17/19 17:01	
2-Fluorophenol	36	10 - 105	07/17/19 17:01	
Nitrobenzene-d5	73	31 - 110	07/17/19 17:01	
Phenol-d6	22	10 - 107	07/17/19 17:01	
Terphenyl-d14	57	10 - 165	07/17/19 17:01	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 13:19
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	MW-2	**Units:**	ug/L
Lab Code:	R1906131-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
2,3,4,6-Tetrachlorophenol	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
2,4,5-Trichlorophenol	1.1 U	9.4	1.1	1	07/15/19 21:13	7/8/19	
2,4,6-Trichlorophenol	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
2,4-Dichlorophenol	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
2,4-Dimethylphenol	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
2,4-Dinitrophenol	7.0 U	47	7.0	1	07/15/19 21:13	7/8/19	
2,4-Dinitrotoluene	2.7 U	9.4	2.7	1	07/15/19 21:13	7/8/19	
2,6-Dinitrotoluene	1.5 U	9.4	1.5	1	07/15/19 21:13	7/8/19	
2-Chloronaphthalene	1.1 U	9.4	1.1	1	07/15/19 21:13	7/8/19	
2-Chlorophenol	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
2-Methylnaphthalene	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
2-Methylphenol	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
2-Nitroaniline	2.4 U	47	2.4	1	07/15/19 21:13	7/8/19	
2-Nitrophenol	1.5 U	9.4	1.5	1	07/15/19 21:13	7/8/19	
3,3'-Dichlorobenzidine	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
3- and 4-Methylphenol Coelution	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
3-Nitroaniline	1.8 U	47	1.8	1	07/15/19 21:13	7/8/19	
4,6-Dinitro-2-methylphenol	3.7 U	47	3.7	1	07/15/19 21:13	7/8/19	
4-Bromophenyl Phenyl Ether	1.4 U	9.4	1.4	1	07/15/19 21:13	7/8/19	
4-Chloro-3-methylphenol	1.1 U	9.4	1.1	1	07/15/19 21:13	7/8/19	
4-Chloroaniline	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
4-Chlorophenyl Phenyl Ether	1.2 U	9.4	1.2	1	07/15/19 21:13	7/8/19	
4-Nitroaniline	1.9 U	47	1.9	1	07/15/19 21:13	7/8/19	
4-Nitrophenol	3.0 U	47	3.0	1	07/15/19 21:13	7/8/19	
Acenaphthene	1.6 U	9.4	1.6	1	07/15/19 21:13	7/8/19	
Acenaphthylene	1.3 U	9.4	1.3	1	07/15/19 21:13	7/8/19	
Acetophenone	1.3 U	9.4	1.3	1	07/15/19 21:13	7/8/19	
Anthracene	1.4 U	9.4	1.4	1	07/15/19 21:13	7/8/19	
Atrazine	1.3 U	9.4	1.3	1	07/15/19 21:13	7/8/19	
Benz(a)anthracene	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
Benzaldehyde	1.1 U	47	1.1	1	07/15/19 21:13	7/8/19	
Benzo(a)pyrene	1.3 U	9.4	1.3	1	07/15/19 21:13	7/8/19	
Benzo(b)fluoranthene	1.3 U	9.4	1.3	1	07/15/19 21:13	7/8/19	
Benzo(g,h,i)perylene	1.5 U	9.4	1.5	1	07/15/19 21:13	7/8/19	
Benzo(k)fluoranthene	1.5 U	9.4	1.5	1	07/15/19 21:13	7/8/19	
Biphenyl	1.9 U	9.4	1.9	1	07/15/19 21:13	7/8/19	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.4	1.4	1	07/15/19 21:13	7/8/19	
Bis(2-chloroethoxy)methane	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
Bis(2-chloroethyl) Ether	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
Bis(2-ethylhexyl) Phthalate	9.7 U	9.7	9.7	1	07/15/19 21:13	7/8/19	
Butyl Benzyl Phthalate	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
Caprolactam	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 13:19
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	MW-2	**Units:**	ug/L
Lab Code:	R1906131-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	1.3 U	9.4	1.3	1	07/15/19 21:13	7/8/19	
Chrysene	1.5 U	9.4	1.5	1	07/15/19 21:13	7/8/19	
Di-n-butyl Phthalate	1.1 U	9.4	1.1	1	07/15/19 21:13	7/8/19	
Di-n-octyl Phthalate	1.8 U	9.4	1.8	1	07/15/19 21:13	7/8/19	
Dibenz(a,h)anthracene	1.4 U	9.4	1.4	1	07/15/19 21:13	7/8/19	
Dibenzofuran	1.3 U	9.4	1.3	1	07/15/19 21:13	7/8/19	
Diethyl Phthalate	1.2 U	9.4	1.2	1	07/15/19 21:13	7/8/19	
Dimethyl Phthalate	1.5 U	9.4	1.5	1	07/15/19 21:13	7/8/19	
Fluoranthene	1.4 U	9.4	1.4	1	07/15/19 21:13	7/8/19	
Fluorene	1.6 U	9.4	1.6	1	07/15/19 21:13	7/8/19	
Hexachlorobenzene	1.4 U	9.4	1.4	1	07/15/19 21:13	7/8/19	
Hexachlorobutadiene	1.1 U	9.4	1.1	1	07/15/19 21:13	7/8/19	
Hexachlorocyclopentadiene	1.5 U	9.4	1.5	1	07/15/19 21:13	7/8/19	
Hexachloroethane	1.2 U	9.4	1.2	1	07/15/19 21:13	7/8/19	
Indeno(1,2,3-cd)pyrene	1.4 U	9.4	1.4	1	07/15/19 21:13	7/8/19	
Isophorone	1.2 U	9.4	1.2	1	07/15/19 21:13	7/8/19	
N-Nitrosodi-n-propylamine	2.0 U	9.4	2.0	1	07/15/19 21:13	7/8/19	
N-Nitrosodiphenylamine	4.7 U	9.4	4.7	1	07/15/19 21:13	7/8/19	
Naphthalene	1.1 U	9.4	1.1	1	07/15/19 21:13	7/8/19	
Nitrobenzene	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
Pentachlorophenol (PCP)	6.0 U	47	6.0	1	07/15/19 21:13	7/8/19	
Phenanthrene	1.6 U	9.4	1.6	1	07/15/19 21:13	7/8/19	
Phenol	1.0 U	9.4	1.0	1	07/15/19 21:13	7/8/19	
Pyrene	1.8 U	9.4	1.8	1	07/15/19 21:13	7/8/19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	90	35 - 141	07/15/19 21:13	
2-Fluorobiphenyl	74	31 - 118	07/15/19 21:13	
2-Fluorophenol	38	10 - 105	07/15/19 21:13	
Nitrobenzene-d5	70	31 - 110	07/15/19 21:13	
Phenol-d6	24	10 - 107	07/15/19 21:13	
Terphenyl-d14	60	10 - 165	07/15/19 21:13	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 14:07
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	RW-2	**Units:**	ug/L
Lab Code:	R1906131-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
2,3,4,6-Tetrachlorophenol	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
2,4,5-Trichlorophenol	1.1 U	9.4	1.1	1	07/15/19 21:41	7/8/19	
2,4,6-Trichlorophenol	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
2,4-Dichlorophenol	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
2,4-Dimethylphenol	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
2,4-Dinitrophenol	7.0 U	47	7.0	1	07/15/19 21:41	7/8/19	
2,4-Dinitrotoluene	2.7 U	9.4	2.7	1	07/15/19 21:41	7/8/19	
2,6-Dinitrotoluene	1.5 U	9.4	1.5	1	07/15/19 21:41	7/8/19	
2-Chloronaphthalene	1.1 U	9.4	1.1	1	07/15/19 21:41	7/8/19	
2-Chlorophenol	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
2-Methylnaphthalene	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
2-Methylphenol	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
2-Nitroaniline	2.4 U	47	2.4	1	07/15/19 21:41	7/8/19	
2-Nitrophenol	1.5 U	9.4	1.5	1	07/15/19 21:41	7/8/19	
3,3'-Dichlorobenzidine	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
3- and 4-Methylphenol Coelution	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
3-Nitroaniline	1.8 U	47	1.8	1	07/15/19 21:41	7/8/19	
4,6-Dinitro-2-methylphenol	3.7 U	47	3.7	1	07/15/19 21:41	7/8/19	
4-Bromophenyl Phenyl Ether	1.4 U	9.4	1.4	1	07/15/19 21:41	7/8/19	
4-Chloro-3-methylphenol	1.1 U	9.4	1.1	1	07/15/19 21:41	7/8/19	
4-Chloroaniline	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
4-Chlorophenyl Phenyl Ether	1.2 U	9.4	1.2	1	07/15/19 21:41	7/8/19	
4-Nitroaniline	1.9 U	47	1.9	1	07/15/19 21:41	7/8/19	
4-Nitrophenol	3.0 U	47	3.0	1	07/15/19 21:41	7/8/19	
Acenaphthene	1.6 U	9.4	1.6	1	07/15/19 21:41	7/8/19	
Acenaphthylene	1.3 U	9.4	1.3	1	07/15/19 21:41	7/8/19	
Acetophenone	1.3 U	9.4	1.3	1	07/15/19 21:41	7/8/19	
Anthracene	1.4 U	9.4	1.4	1	07/15/19 21:41	7/8/19	
Atrazine	1.3 U	9.4	1.3	1	07/15/19 21:41	7/8/19	
Benz(a)anthracene	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
Benzaldehyde	1.1 U	47	1.1	1	07/15/19 21:41	7/8/19	
Benzo(a)pyrene	1.3 U	9.4	1.3	1	07/15/19 21:41	7/8/19	
Benzo(b)fluoranthene	1.3 U	9.4	1.3	1	07/15/19 21:41	7/8/19	
Benzo(g,h,i)perylene	1.5 U	9.4	1.5	1	07/15/19 21:41	7/8/19	
Benzo(k)fluoranthene	1.5 U	9.4	1.5	1	07/15/19 21:41	7/8/19	
Biphenyl	1.9 U	9.4	1.9	1	07/15/19 21:41	7/8/19	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.4	1.4	1	07/15/19 21:41	7/8/19	
Bis(2-chloroethoxy)methane	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
Bis(2-chloroethyl) Ether	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
Bis(2-ethylhexyl) Phthalate	9.7 U	9.7	9.7	1	07/15/19 21:41	7/8/19	
Butyl Benzyl Phthalate	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
Caprolactam	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 14:07
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	RW-2	**Units:**	ug/L
Lab Code:	R1906131-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	1.3 U	9.4	1.3	1	07/15/19 21:41	7/8/19	
Chrysene	1.5 U	9.4	1.5	1	07/15/19 21:41	7/8/19	
Di-n-butyl Phthalate	1.1 U	9.4	1.1	1	07/15/19 21:41	7/8/19	
Di-n-octyl Phthalate	1.8 U	9.4	1.8	1	07/15/19 21:41	7/8/19	
Dibenz(a,h)anthracene	1.4 U	9.4	1.4	1	07/15/19 21:41	7/8/19	
Dibenzofuran	1.3 U	9.4	1.3	1	07/15/19 21:41	7/8/19	
Diethyl Phthalate	1.2 U	9.4	1.2	1	07/15/19 21:41	7/8/19	
Dimethyl Phthalate	1.5 U	9.4	1.5	1	07/15/19 21:41	7/8/19	
Fluoranthene	1.4 U	9.4	1.4	1	07/15/19 21:41	7/8/19	
Fluorene	1.6 U	9.4	1.6	1	07/15/19 21:41	7/8/19	
Hexachlorobenzene	1.4 U	9.4	1.4	1	07/15/19 21:41	7/8/19	
Hexachlorobutadiene	1.1 U	9.4	1.1	1	07/15/19 21:41	7/8/19	
Hexachlorocyclopentadiene	1.5 U	9.4	1.5	1	07/15/19 21:41	7/8/19	
Hexachloroethane	1.2 U	9.4	1.2	1	07/15/19 21:41	7/8/19	
Indeno(1,2,3-cd)pyrene	1.4 U	9.4	1.4	1	07/15/19 21:41	7/8/19	
Isophorone	1.2 U	9.4	1.2	1	07/15/19 21:41	7/8/19	
N-Nitrosodi-n-propylamine	2.0 U	9.4	2.0	1	07/15/19 21:41	7/8/19	
N-Nitrosodiphenylamine	4.7 U	9.4	4.7	1	07/15/19 21:41	7/8/19	
Naphthalene	1.1 U	9.4	1.1	1	07/15/19 21:41	7/8/19	
Nitrobenzene	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
Pentachlorophenol (PCP)	6.0 U	47	6.0	1	07/15/19 21:41	7/8/19	
Phenanthrene	1.6 U	9.4	1.6	1	07/15/19 21:41	7/8/19	
Phenol	1.0 U	9.4	1.0	1	07/15/19 21:41	7/8/19	
Pyrene	1.8 U	9.4	1.8	1	07/15/19 21:41	7/8/19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	93	35 - 141	07/15/19 21:41	
2-Fluorobiphenyl	82	31 - 118	07/15/19 21:41	
2-Fluorophenol	40	10 - 105	07/15/19 21:41	
Nitrobenzene-d5	80	31 - 110	07/15/19 21:41	
Phenol-d6	26	10 - 107	07/15/19 21:41	
Terphenyl-d14	62	10 - 165	07/15/19 21:41	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 15:15
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	MW-3	**Units:**	ug/L
Lab Code:	R1906131-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
2,3,4,6-Tetrachlorophenol	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
2,4,5-Trichlorophenol	1.1 U	9.4	1.1	1	07/15/19 22:11	7/8/19	
2,4,6-Trichlorophenol	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
2,4-Dichlorophenol	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
2,4-Dimethylphenol	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
2,4-Dinitrophenol	7.0 U	47	7.0	1	07/15/19 22:11	7/8/19	
2,4-Dinitrotoluene	2.7 U	9.4	2.7	1	07/15/19 22:11	7/8/19	
2,6-Dinitrotoluene	1.5 U	9.4	1.5	1	07/15/19 22:11	7/8/19	
2-Chloronaphthalene	1.1 U	9.4	1.1	1	07/15/19 22:11	7/8/19	
2-Chlorophenol	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
2-Methylnaphthalene	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
2-Methylphenol	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
2-Nitroaniline	2.4 U	47	2.4	1	07/15/19 22:11	7/8/19	
2-Nitrophenol	1.5 U	9.4	1.5	1	07/15/19 22:11	7/8/19	
3,3'-Dichlorobenzidine	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
3- and 4-Methylphenol Coelution	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
3-Nitroaniline	1.8 U	47	1.8	1	07/15/19 22:11	7/8/19	
4,6-Dinitro-2-methylphenol	3.7 U	47	3.7	1	07/15/19 22:11	7/8/19	
4-Bromophenyl Phenyl Ether	1.4 U	9.4	1.4	1	07/15/19 22:11	7/8/19	
4-Chloro-3-methylphenol	1.1 U	9.4	1.1	1	07/15/19 22:11	7/8/19	
4-Chloroaniline	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
4-Chlorophenyl Phenyl Ether	1.2 U	9.4	1.2	1	07/15/19 22:11	7/8/19	
4-Nitroaniline	1.9 U	47	1.9	1	07/15/19 22:11	7/8/19	
4-Nitrophenol	3.0 U	47	3.0	1	07/15/19 22:11	7/8/19	
Acenaphthene	1.6 U	9.4	1.6	1	07/15/19 22:11	7/8/19	
Acenaphthylene	1.3 U	9.4	1.3	1	07/15/19 22:11	7/8/19	
Acetophenone	1.3 U	9.4	1.3	1	07/15/19 22:11	7/8/19	
Anthracene	1.4 U	9.4	1.4	1	07/15/19 22:11	7/8/19	
Atrazine	1.3 U	9.4	1.3	1	07/15/19 22:11	7/8/19	
Benz(a)anthracene	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
Benzaldehyde	1.1 U	47	1.1	1	07/15/19 22:11	7/8/19	
Benzo(a)pyrene	1.3 U	9.4	1.3	1	07/15/19 22:11	7/8/19	
Benzo(b)fluoranthene	1.3 U	9.4	1.3	1	07/15/19 22:11	7/8/19	
Benzo(g,h,i)perylene	1.5 U	9.4	1.5	1	07/15/19 22:11	7/8/19	
Benzo(k)fluoranthene	1.5 U	9.4	1.5	1	07/15/19 22:11	7/8/19	
Biphenyl	1.9 U	9.4	1.9	1	07/15/19 22:11	7/8/19	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.4	1.4	1	07/15/19 22:11	7/8/19	
Bis(2-chloroethoxy)methane	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
Bis(2-chloroethyl) Ether	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
Bis(2-ethylhexyl) Phthalate	9.7 U	9.7	9.7	1	07/15/19 22:11	7/8/19	
Butyl Benzyl Phthalate	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
Caprolactam	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 15:15
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	MW-3	**Units:**	ug/L
Lab Code:	R1906131-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	1.3 U	9.4	1.3	1	07/15/19 22:11	7/8/19	
Chrysene	1.5 U	9.4	1.5	1	07/15/19 22:11	7/8/19	
Di-n-butyl Phthalate	1.1 U	9.4	1.1	1	07/15/19 22:11	7/8/19	
Di-n-octyl Phthalate	1.8 U	9.4	1.8	1	07/15/19 22:11	7/8/19	
Dibenz(a,h)anthracene	1.4 U	9.4	1.4	1	07/15/19 22:11	7/8/19	
Dibenzofuran	1.3 U	9.4	1.3	1	07/15/19 22:11	7/8/19	
Diethyl Phthalate	1.2 U	9.4	1.2	1	07/15/19 22:11	7/8/19	
Dimethyl Phthalate	1.5 U	9.4	1.5	1	07/15/19 22:11	7/8/19	
Fluoranthene	1.4 U	9.4	1.4	1	07/15/19 22:11	7/8/19	
Fluorene	1.6 U	9.4	1.6	1	07/15/19 22:11	7/8/19	
Hexachlorobenzene	1.4 U	9.4	1.4	1	07/15/19 22:11	7/8/19	
Hexachlorobutadiene	1.1 U	9.4	1.1	1	07/15/19 22:11	7/8/19	
Hexachlorocyclopentadiene	1.5 U	9.4	1.5	1	07/15/19 22:11	7/8/19	
Hexachloroethane	1.2 U	9.4	1.2	1	07/15/19 22:11	7/8/19	
Indeno(1,2,3-cd)pyrene	1.4 U	9.4	1.4	1	07/15/19 22:11	7/8/19	
Isophorone	1.2 U	9.4	1.2	1	07/15/19 22:11	7/8/19	
N-Nitrosodi-n-propylamine	2.0 U	9.4	2.0	1	07/15/19 22:11	7/8/19	
N-Nitrosodiphenylamine	4.7 U	9.4	4.7	1	07/15/19 22:11	7/8/19	
Naphthalene	1.1 U	9.4	1.1	1	07/15/19 22:11	7/8/19	
Nitrobenzene	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
Pentachlorophenol (PCP)	6.0 U	47	6.0	1	07/15/19 22:11	7/8/19	
Phenanthrene	1.6 U	9.4	1.6	1	07/15/19 22:11	7/8/19	
Phenol	1.0 U	9.4	1.0	1	07/15/19 22:11	7/8/19	
Pyrene	1.8 U	9.4	1.8	1	07/15/19 22:11	7/8/19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	88	35 - 141	07/15/19 22:11	
2-Fluorobiphenyl	77	31 - 118	07/15/19 22:11	
2-Fluorophenol	41	10 - 105	07/15/19 22:11	
Nitrobenzene-d5	75	31 - 110	07/15/19 22:11	
Phenol-d6	26	10 - 107	07/15/19 22:11	
Terphenyl-d14	63	10 - 165	07/15/19 22:11	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 15:51
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	RW-3	**Units:**	ug/L
Lab Code:	R1906131-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
2,3,4,6-Tetrachlorophenol	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
2,4,5-Trichlorophenol	1.1 U	9.4	1.1	1	07/15/19 22:40	7/8/19	
2,4,6-Trichlorophenol	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
2,4-Dichlorophenol	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
2,4-Dimethylphenol	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
2,4-Dinitrophenol	7.0 U	47	7.0	1	07/15/19 22:40	7/8/19	
2,4-Dinitrotoluene	2.7 U	9.4	2.7	1	07/15/19 22:40	7/8/19	
2,6-Dinitrotoluene	1.5 U	9.4	1.5	1	07/15/19 22:40	7/8/19	
2-Chloronaphthalene	1.1 U	9.4	1.1	1	07/15/19 22:40	7/8/19	
2-Chlorophenol	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
2-Methylnaphthalene	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
2-Methylphenol	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
2-Nitroaniline	2.4 U	47	2.4	1	07/15/19 22:40	7/8/19	
2-Nitrophenol	1.5 U	9.4	1.5	1	07/15/19 22:40	7/8/19	
3,3'-Dichlorobenzidine	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
3- and 4-Methylphenol Coelution	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
3-Nitroaniline	1.8 U	47	1.8	1	07/15/19 22:40	7/8/19	
4,6-Dinitro-2-methylphenol	3.7 U	47	3.7	1	07/15/19 22:40	7/8/19	
4-Bromophenyl Phenyl Ether	1.4 U	9.4	1.4	1	07/15/19 22:40	7/8/19	
4-Chloro-3-methylphenol	1.1 U	9.4	1.1	1	07/15/19 22:40	7/8/19	
4-Chloroaniline	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
4-Chlorophenyl Phenyl Ether	1.2 U	9.4	1.2	1	07/15/19 22:40	7/8/19	
4-Nitroaniline	1.9 U	47	1.9	1	07/15/19 22:40	7/8/19	
4-Nitrophenol	3.0 U	47	3.0	1	07/15/19 22:40	7/8/19	
Acenaphthene	1.6 U	9.4	1.6	1	07/15/19 22:40	7/8/19	
Acenaphthylene	1.3 U	9.4	1.3	1	07/15/19 22:40	7/8/19	
Acetophenone	1.3 U	9.4	1.3	1	07/15/19 22:40	7/8/19	
Anthracene	1.4 U	9.4	1.4	1	07/15/19 22:40	7/8/19	
Atrazine	1.3 U	9.4	1.3	1	07/15/19 22:40	7/8/19	
Benz(a)anthracene	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
Benzaldehyde	1.1 U	47	1.1	1	07/15/19 22:40	7/8/19	
Benzo(a)pyrene	1.3 U	9.4	1.3	1	07/15/19 22:40	7/8/19	
Benzo(b)fluoranthene	1.3 U	9.4	1.3	1	07/15/19 22:40	7/8/19	
Benzo(g,h,i)perylene	1.5 U	9.4	1.5	1	07/15/19 22:40	7/8/19	
Benzo(k)fluoranthene	1.5 U	9.4	1.5	1	07/15/19 22:40	7/8/19	
Biphenyl	1.9 U	9.4	1.9	1	07/15/19 22:40	7/8/19	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.4	1.4	1	07/15/19 22:40	7/8/19	
Bis(2-chloroethoxy)methane	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
Bis(2-chloroethyl) Ether	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
Bis(2-ethylhexyl) Phthalate	9.7 U	9.7	9.7	1	07/15/19 22:40	7/8/19	
Butyl Benzyl Phthalate	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
Caprolactam	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19 15:51
Sample Matrix:	Water	**Date Received:**	07/01/19 17:15
Sample Name:	RW-3	**Units:**	ug/L
Lab Code:	R1906131-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	1.3 U	9.4	1.3	1	07/15/19 22:40	7/8/19	
Chrysene	1.5 U	9.4	1.5	1	07/15/19 22:40	7/8/19	
Di-n-butyl Phthalate	1.1 U	9.4	1.1	1	07/15/19 22:40	7/8/19	
Di-n-octyl Phthalate	1.8 U	9.4	1.8	1	07/15/19 22:40	7/8/19	
Dibenz(a,h)anthracene	1.4 U	9.4	1.4	1	07/15/19 22:40	7/8/19	
Dibenzofuran	1.3 U	9.4	1.3	1	07/15/19 22:40	7/8/19	
Diethyl Phthalate	1.2 U	9.4	1.2	1	07/15/19 22:40	7/8/19	
Dimethyl Phthalate	1.5 U	9.4	1.5	1	07/15/19 22:40	7/8/19	
Fluoranthene	1.4 U	9.4	1.4	1	07/15/19 22:40	7/8/19	
Fluorene	1.6 U	9.4	1.6	1	07/15/19 22:40	7/8/19	
Hexachlorobenzene	1.4 U	9.4	1.4	1	07/15/19 22:40	7/8/19	
Hexachlorobutadiene	1.1 U	9.4	1.1	1	07/15/19 22:40	7/8/19	
Hexachlorocyclopentadiene	1.5 U	9.4	1.5	1	07/15/19 22:40	7/8/19	
Hexachloroethane	1.2 U	9.4	1.2	1	07/15/19 22:40	7/8/19	
Indeno(1,2,3-cd)pyrene	1.4 U	9.4	1.4	1	07/15/19 22:40	7/8/19	
Isophorone	1.2 U	9.4	1.2	1	07/15/19 22:40	7/8/19	
N-Nitrosodi-n-propylamine	2.0 U	9.4	2.0	1	07/15/19 22:40	7/8/19	
N-Nitrosodiphenylamine	4.7 U	9.4	4.7	1	07/15/19 22:40	7/8/19	
Naphthalene	1.1 U	9.4	1.1	1	07/15/19 22:40	7/8/19	
Nitrobenzene	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
Pentachlorophenol (PCP)	6.0 U	47	6.0	1	07/15/19 22:40	7/8/19	
Phenanthrene	1.6 U	9.4	1.6	1	07/15/19 22:40	7/8/19	
Phenol	1.0 U	9.4	1.0	1	07/15/19 22:40	7/8/19	
Pyrene	1.8 U	9.4	1.8	1	07/15/19 22:40	7/8/19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	92	35 - 141	07/15/19 22:40	
2-Fluorobiphenyl	74	31 - 118	07/15/19 22:40	
2-Fluorophenol	38	10 - 105	07/15/19 22:40	
Nitrobenzene-d5	71	31 - 110	07/15/19 22:40	
Phenol-d6	24	10 - 107	07/15/19 22:40	
Terphenyl-d14	62	10 - 165	07/15/19 22:40	

QC Summary Forms

ALS Environmental—Rochester Laboratory
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Volatile Organic Compounds by GC/MS

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QA/QC Report

Client: Day Environmental, Inc. **Service Request:** R1906131
Project: Manche/5474S-18
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Sample Name	Lab Code	4-Bromofluorobenzene 85-122	Dibromofluoromethane 89-119	Toluene-d8 87-121
MW-2	R1906131-002	87	94	97
RW-2	R1906131-003	87	95	97
MW-3	R1906131-004	87	94	96
RW-3	R1906131-005	89	92	96
Method Blank	RQ1906974-04	89	93	97
Lab Control Sample	RQ1906974-03	91	96	98
MW-A	R1906131-001	100	100	100
Method Blank	RQ1907091-05	97	98	98
Lab Control Sample	RQ1907091-03	98	101	98
MW-A MS	RQ1907091-07	100	104	100
MW-A DMS	RQ1907091-08	101	101	101

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QA/QC Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19
Sample Matrix:	Water	**Date Received:**	07/01/19
		Date Analyzed:	07/10/19

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	MW-A	**Units:**	ug/L
Lab Code:	R1906131-001	**Basis:**	NA
Analysis Method:	8260C		

		Matrix Spike RQ1907091-07			Duplicate Matrix Spike RQ1907091-08					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	0.21 U	48.8	50.0	98	50.8	50.0	102	74-127	4	30
1,1,2,2-Tetrachloroethane	0.20 U	48.0	50.0	96	49.5	50.0	99	72-122	3	30
1,1,2-Trichloroethane	0.20 U	44.5	50.0	89	45.1	50.0	90	82-121	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20 U	51.5	50.0	103	52.0	50.0	104	50-147	<1	30
1,1-Dichloroethane (1,1-DCA)	0.20 U	49.3	50.0	99	50.9	50.0	102	74-132	3	30
1,1-Dichloroethene (1,1-DCE)	0.25 U	48.7	50.0	97	50.7	50.0	101	71-118	4	30
1,2,3-Trichlorobenzene	0.20 U	44.4	50.0	89	46.4	50.0	93	59-129	4	30
1,2,4-Trichlorobenzene	0.25 U	43.5	50.0	87	46.3	50.0	93	69-122	6	30
1,2,4-Trimethylbenzene	180	181	50.0	-8 *	208 E	50.0	47 *	73-133	14	30
1,2-Dibromo-3-chloropropane (DBCP)	0.45 U	42.9	50.0	86	47.1	50.0	94	37-150	9	30
1,2-Dibromoethane	0.20 U	46.2	50.0	92	48.3	50.0	97	67-127	4	30
1,2-Dichlorobenzene	0.20 U	44.1	50.0	88	47.4	50.0	95	77-120	7	30
1,2-Dichloroethane	0.20 U	47.8	50.0	96	48.9	50.0	98	68-130	2	30
1,2-Dichloropropane	0.20 U	46.9	50.0	94	48.7	50.0	97	79-124	4	30
1,3,5-Trimethylbenzene	54	85.7	50.0	62 *	94.2	50.0	79 *	81-131	9	30
1,3-Dichlorobenzene	0.20 U	44.9	50.0	90	47.0	50.0	94	83-121	4	30
1,4-Dichlorobenzene	0.20 U	42.6	50.0	85	45.4	50.0	91	82-120	6	30
1,4-Dioxane	13 U	939	1000	94	1000	1000	100	44-154	7	30
2-Butanone (MEK)	5.3 J	56.1	50.0	101	54.7	50.0	99	61-137	2	30
2-Hexanone	0.20 U	49.8	50.0	100	50.7	50.0	101	56-132	2	30
4-Isopropyltoluene	1.4 J	48.5	50.0	94	50.6	50.0	98	78-133	4	30
4-Methyl-2-pentanone	0.78 J	51.4	50.0	101	51.8	50.0	102	60-141	<1	30
Acetone	18 B	71.5	50.0	108	66.4	50.0	97	35-183	7	30
Benzene	4.4 J	51.6	50.0	94	53.0	50.0	97	76-129	3	30
Bromochloromethane	0.24 U	45.8	50.0	92	47.1	50.0	94	80-122	3	30
Bromodichloromethane	0.22 U	44.1	50.0	88	45.9	50.0	92	78-133	4	30
Bromoform	0.25 U	42.9	50.0	86	45.8	50.0	92	58-133	7	30
Bromomethane	0.70 U	28.1	50.0	56	29.3	50.0	59	10-184	4	30
Carbon Disulfide	0.25 U	43.3	50.0	87	43.4	50.0	87	59-140	<1	30
Carbon Tetrachloride	0.34 U	46.4	50.0	93	47.7	50.0	95	65-135	3	30
Chlorobenzene	0.20 U	45.7	50.0	91	47.3	50.0	95	76-125	3	30
Chloroethane	0.23 U	40.8	50.0	82	41.7	50.0	83	48-146	2	30
Chloroform	0.24 U	50.7	50.0	101	51.2	50.0	102	75-130	1	30
Chloromethane	0.28 U	47.0	50.0	94	49.4	50.0	99	55-160	5	30
Cyclohexane	51	85.3	50.0	68	92.1	50.0	82	52-145	8	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.

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QA/QC Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19
Sample Matrix:	Water	**Date Received:**	07/01/19
		Date Analyzed:	07/10/19

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	MW-A	**Units:**	ug/L
Lab Code:	R1906131-001	**Basis:**	NA
Analysis Method:	8260C		

		Matrix Spike RQ1907091-07			Duplicate Matrix Spike RQ1907091-08				
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Dibromochloromethane	0.20 U	44.8	50.0	90	47.5	50.0	95	72-128	6	30
Dichlorodifluoromethane (CFC 12)	0.21 U	52.1	50.0	104	53.4	50.0	107	49-154	2	30
Dichloromethane	0.36 U	46.7	50.0	93	46.7	50.0	93	73-122	<1	30
Ethylbenzene	120	137	50.0	24 *	159	50.0	69 *	72-134	15	30
Isopropylbenzene (Cumene)	13	55.6	50.0	84	59.2	50.0	92	77-128	6	30
Methyl Acetate	0.33 U	58.0	50.0	116	59.1	50.0	118	26-121	2	30
Methyl tert-Butyl Ether	0.20 U	48.7	50.0	97	48.6	50.0	97	75-119	<1	30
Methylcyclohexane	35	71.4	50.0	73	78.2	50.0	87	45-146	9	30
Styrene	0.20 U	48.1	50.0	96	50.7	50.0	101	74-136	5	30
Tetrachloroethene (PCE)	0.21 U	44.2	50.0	88	47.4	50.0	95	72-125	7	30
Toluene	33	77.2	50.0	88	82.3	50.0	98	79-119	6	30
Trichloroethene (TCE)	0.20 U	46.0	50.0	92	46.2	50.0	92	74-122	<1	30
Trichlorofluoromethane (CFC 11)	0.24 U	50.6	50.0	101	51.8	50.0	104	71-136	2	30
Vinyl Chloride	0.20 U	49.5	50.0	99	49.5	50.0	99	74-159	<1	30
cis-1,2-Dichloroethene	0.23 U	50.0	50.0	100	50.7	50.0	101	77-127	1	30
cis-1,3-Dichloropropene	0.20 U	45.1	50.0	90	47.4	50.0	95	52-134	5	30
m,p-Xylenes	340	349	100	6 *	406 E	100	63 *	80-126	15	30
n-Butylbenzene	3.4 J	55.9	50.0	105	60.6	50.0	114	78-133	8	30
n-Propylbenzene	25	65.5	50.0	81	71.6	50.0	93	78-131	9	30
o-Xylene	60	97.3	50.0	74 *	108	50.0	95	79-123	10	30
sec-Butylbenzene	2.6 J	47.8	50.0	90	50.3	50.0	95	75-129	5	30
tert-Butylbenzene	0.24 J	45.0	50.0	90	48.1	50.0	96	68-127	7	30
trans-1,2-Dichloroethene	0.20 U	49.5	50.0	99	50.2	50.0	100	73-118	1	30
trans-1,3-Dichloropropene	0.23 U	45.2	50.0	90	46.6	50.0	93	71-133	3	30

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

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

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

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1906974-04	**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)	0.21	U	5.0	0.21	1	07/09/19 13:07	
1,1,2,2-Tetrachloroethane	0.20	U	5.0	0.20	1	07/09/19 13:07	
1,1,2-Trichloroethane	0.20	U	5.0	0.20	1	07/09/19 13:07	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20	U	5.0	0.20	1	07/09/19 13:07	
1,1-Dichloroethane (1,1-DCA)	0.20	U	5.0	0.20	1	07/09/19 13:07	
1,1-Dichloroethene (1,1-DCE)	0.25	U	5.0	0.25	1	07/09/19 13:07	
1,2,3-Trichlorobenzene	0.20	U	5.0	0.20	1	07/09/19 13:07	
1,2,4-Trichlorobenzene	0.25	U	5.0	0.25	1	07/09/19 13:07	
1,2,4-Trimethylbenzene	0.20	U	5.0	0.20	1	07/09/19 13:07	
1,2-Dibromo-3-chloropropane (DBCP)	0.45	U	5.0	0.45	1	07/09/19 13:07	
1,2-Dibromoethane	0.20	U	5.0	0.20	1	07/09/19 13:07	
1,2-Dichlorobenzene	0.20	U	5.0	0.20	1	07/09/19 13:07	
1,2-Dichloroethane	0.20	U	5.0	0.20	1	07/09/19 13:07	
1,2-Dichloropropane	0.20	U	5.0	0.20	1	07/09/19 13:07	
1,3,5-Trimethylbenzene	0.20	U	5.0	0.20	1	07/09/19 13:07	
1,3-Dichlorobenzene	0.20	U	5.0	0.20	1	07/09/19 13:07	
1,4-Dichlorobenzene	0.20	U	5.0	0.20	1	07/09/19 13:07	
1,4-Dioxane	13	U	100	13	1	07/09/19 13:07	
2-Butanone (MEK)	0.78	U	10	0.78	1	07/09/19 13:07	
2-Hexanone	0.20	U	10	0.20	1	07/09/19 13:07	
4-Isopropyltoluene	0.20	U	5.0	0.20	1	07/09/19 13:07	
4-Methyl-2-pentanone	0.20	U	10	0.20	1	07/09/19 13:07	
Acetone	**2.3**	**J**	10	2.1	1	07/09/19 13:07	
Benzene	0.20	U	5.0	0.20	1	07/09/19 13:07	
Bromochloromethane	0.24	U	5.0	0.24	1	07/09/19 13:07	
Bromodichloromethane	0.22	U	5.0	0.22	1	07/09/19 13:07	
Bromoform	0.25	U	5.0	0.25	1	07/09/19 13:07	
Bromomethane	0.70	U	5.0	0.70	1	07/09/19 13:07	
Carbon Disulfide	0.25	U	10	0.25	1	07/09/19 13:07	
Carbon Tetrachloride	0.34	U	5.0	0.34	1	07/09/19 13:07	
Chlorobenzene	0.20	U	5.0	0.20	1	07/09/19 13:07	
Chloroethane	0.23	U	5.0	0.23	1	07/09/19 13:07	
Chloroform	0.24	U	5.0	0.24	1	07/09/19 13:07	
Chloromethane	**0.29**	**J**	5.0	0.28	1	07/09/19 13:07	
Cyclohexane	0.26	U	10	0.26	1	07/09/19 13:07	
Dibromochloromethane	0.20	U	5.0	0.20	1	07/09/19 13:07	
Dichlorodifluoromethane (CFC 12)	0.21	U	5.0	0.21	1	07/09/19 13:07	
Dichloromethane	0.36	U	5.0	0.36	1	07/09/19 13:07	
Ethylbenzene	0.20	U	5.0	0.20	1	07/09/19 13:07	
Isopropylbenzene (Cumene)	0.20	U	5.0	0.20	1	07/09/19 13:07	
Methyl Acetate	0.33	U	10	0.33	1	07/09/19 13:07	
Methyl tert-Butyl Ether	0.20	U	5.0	0.20	1	07/09/19 13:07	
Methylcyclohexane	0.20	U	10	0.20	1	07/09/19 13:07	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1906974-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Styrene	0.20 U	5.0	0.20	1	07/09/19 13:07	
Tetrachloroethene (PCE)	0.21 U	5.0	0.21	1	07/09/19 13:07	
Toluene	0.20 U	5.0	0.20	1	07/09/19 13:07	
Trichloroethene (TCE)	0.20 U	5.0	0.20	1	07/09/19 13:07	
Trichlorofluoromethane (CFC 11)	0.24 U	5.0	0.24	1	07/09/19 13:07	
Vinyl Chloride	0.20 U	5.0	0.20	1	07/09/19 13:07	
cis-1,2-Dichloroethene	0.23 U	5.0	0.23	1	07/09/19 13:07	
cis-1,3-Dichloropropene	0.20 U	5.0	0.20	1	07/09/19 13:07	
m,p-Xylenes	0.20 U	5.0	0.20	1	07/09/19 13:07	
n-Butylbenzene	0.20 U	5.0	0.20	1	07/09/19 13:07	
n-Propylbenzene	0.20 U	5.0	0.20	1	07/09/19 13:07	
o-Xylene	0.20 U	5.0	0.20	1	07/09/19 13:07	
sec-Butylbenzene	0.20 U	5.0	0.20	1	07/09/19 13:07	
tert-Butylbenzene	0.20 U	5.0	0.20	1	07/09/19 13:07	
trans-1,2-Dichloroethene	0.20 U	5.0	0.20	1	07/09/19 13:07	
trans-1,3-Dichloropropene	0.23 U	5.0	0.23	1	07/09/19 13:07	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	89	85 - 122	07/09/19 13:07	
Dibromofluoromethane	93	89 - 119	07/09/19 13:07	
Toluene-d8	97	87 - 121	07/09/19 13:07	

ALS Group USA, Corp.
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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1907091-05	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.21 U	5.0	0.21	1	07/10/19 11:36	
1,1,2,2-Tetrachloroethane	0.20 U	5.0	0.20	1	07/10/19 11:36	
1,1,2-Trichloroethane	0.20 U	5.0	0.20	1	07/10/19 11:36	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20 U	5.0	0.20	1	07/10/19 11:36	
1,1-Dichloroethane (1,1-DCA)	0.20 U	5.0	0.20	1	07/10/19 11:36	
1,1-Dichloroethene (1,1-DCE)	0.25 U	5.0	0.25	1	07/10/19 11:36	
1,2,3-Trichlorobenzene	0.20 U	5.0	0.20	1	07/10/19 11:36	
1,2,4-Trichlorobenzene	0.25 U	5.0	0.25	1	07/10/19 11:36	
1,2,4-Trimethylbenzene	0.20 U	5.0	0.20	1	07/10/19 11:36	
1,2-Dibromo-3-chloropropane (DBCP)	0.45 U	5.0	0.45	1	07/10/19 11:36	
1,2-Dibromoethane	0.20 U	5.0	0.20	1	07/10/19 11:36	
1,2-Dichlorobenzene	0.20 U	5.0	0.20	1	07/10/19 11:36	
1,2-Dichloroethane	0.20 U	5.0	0.20	1	07/10/19 11:36	
1,2-Dichloropropane	0.20 U	5.0	0.20	1	07/10/19 11:36	
1,3,5-Trimethylbenzene	0.20 U	5.0	0.20	1	07/10/19 11:36	
1,3-Dichlorobenzene	0.20 U	5.0	0.20	1	07/10/19 11:36	
1,4-Dichlorobenzene	0.20 U	5.0	0.20	1	07/10/19 11:36	
1,4-Dioxane	13 U	100	13	1	07/10/19 11:36	
2-Butanone (MEK)	0.78 U	10	0.78	1	07/10/19 11:36	
2-Hexanone	0.20 U	10	0.20	1	07/10/19 11:36	
4-Isopropyltoluene	0.20 U	5.0	0.20	1	07/10/19 11:36	
4-Methyl-2-pentanone	0.20 U	10	0.20	1	07/10/19 11:36	
Acetone	**7.0 J**	10	2.1	1	07/10/19 11:36	
Benzene	0.20 U	5.0	0.20	1	07/10/19 11:36	
Bromochloromethane	0.24 U	5.0	0.24	1	07/10/19 11:36	
Bromodichloromethane	0.22 U	5.0	0.22	1	07/10/19 11:36	
Bromoform	0.25 U	5.0	0.25	1	07/10/19 11:36	
Bromomethane	0.70 U	5.0	0.70	1	07/10/19 11:36	
Carbon Disulfide	0.25 U	10	0.25	1	07/10/19 11:36	
Carbon Tetrachloride	0.34 U	5.0	0.34	1	07/10/19 11:36	
Chlorobenzene	0.20 U	5.0	0.20	1	07/10/19 11:36	
Chloroethane	0.23 U	5.0	0.23	1	07/10/19 11:36	
Chloroform	0.24 U	5.0	0.24	1	07/10/19 11:36	
Chloromethane	0.28 U	5.0	0.28	1	07/10/19 11:36	
Cyclohexane	0.26 U	10	0.26	1	07/10/19 11:36	
Dibromochloromethane	0.20 U	5.0	0.20	1	07/10/19 11:36	
Dichlorodifluoromethane (CFC 12)	0.21 U	5.0	0.21	1	07/10/19 11:36	
Dichloromethane	0.36 U	5.0	0.36	1	07/10/19 11:36	
Ethylbenzene	0.20 U	5.0	0.20	1	07/10/19 11:36	
Isopropylbenzene (Cumene)	0.20 U	5.0	0.20	1	07/10/19 11:36	
Methyl Acetate	0.33 U	10	0.33	1	07/10/19 11:36	
Methyl tert-Butyl Ether	0.20 U	5.0	0.20	1	07/10/19 11:36	
Methylcyclohexane	0.20 U	10	0.20	1	07/10/19 11:36	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1907091-05	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Styrene	0.20 U	5.0	0.20	1	07/10/19 11:36	
Tetrachloroethene (PCE)	0.21 U	5.0	0.21	1	07/10/19 11:36	
Toluene	0.20 U	5.0	0.20	1	07/10/19 11:36	
Trichloroethene (TCE)	0.20 U	5.0	0.20	1	07/10/19 11:36	
Trichlorofluoromethane (CFC 11)	0.24 U	5.0	0.24	1	07/10/19 11:36	
Vinyl Chloride	0.20 U	5.0	0.20	1	07/10/19 11:36	
cis-1,2-Dichloroethene	0.23 U	5.0	0.23	1	07/10/19 11:36	
cis-1,3-Dichloropropene	0.20 U	5.0	0.20	1	07/10/19 11:36	
m,p-Xylenes	0.20 U	5.0	0.20	1	07/10/19 11:36	
n-Butylbenzene	0.20 U	5.0	0.20	1	07/10/19 11:36	
n-Propylbenzene	0.20 U	5.0	0.20	1	07/10/19 11:36	
o-Xylene	0.20 U	5.0	0.20	1	07/10/19 11:36	
sec-Butylbenzene	0.20 U	5.0	0.20	1	07/10/19 11:36	
tert-Butylbenzene	0.20 U	5.0	0.20	1	07/10/19 11:36	
trans-1,2-Dichloroethene	0.20 U	5.0	0.20	1	07/10/19 11:36	
trans-1,3-Dichloropropene	0.23 U	5.0	0.23	1	07/10/19 11:36	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	07/10/19 11:36	
Dibromofluoromethane	98	89 - 119	07/10/19 11:36	
Toluene-d8	98	87 - 121	07/10/19 11:36	

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QA/QC Report

Client: Day Environmental, Inc.
Project: Manche/5474S-18
Sample Matrix: Water

Service Request: R1906131
Date Analyzed: 07/09/19

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1906974-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	16.9	20.0	85	75-125
1,1,2,2-Tetrachloroethane	8260C	17.7	20.0	89	78-126
1,1,2-Trichloroethane	8260C	18.3	20.0	92	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	18.6	20.0	93	67-124
1,1-Dichloroethane (1,1-DCA)	8260C	17.1	20.0	85	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	17.5	20.0	87	71-118
1,2,3-Trichlorobenzene	8260C	19.7	20.0	99	67-136
1,2,4-Trichlorobenzene	8260C	19.9	20.0	99	75-132
1,2,4-Trimethylbenzene	8260C	18.5	20.0	93	81-126
1,2-Dibromo-3-chloropropane (DBCP)	8260C	16.2	20.0	81	55-136
1,2-Dibromoethane	8260C	19.0	20.0	95	82-127
1,2-Dichlorobenzene	8260C	18.5	20.0	93	80-119
1,2-Dichloroethane	8260C	16.0	20.0	80	71-127
1,2-Dichloropropane	8260C	18.4	20.0	92	80-119
1,3,5-Trimethylbenzene	8260C	18.3	20.0	91	81-128
1,3-Dichlorobenzene	8260C	18.9	20.0	94	83-121
1,4-Dichlorobenzene	8260C	18.8	20.0	94	79-119
1,4-Dioxane	8260C	328	400	82	44-154
2-Butanone (MEK)	8260C	14.2	20.0	71	61-137
2-Hexanone	8260C	15.6	20.0	78	63-124
4-Isopropyltoluene	8260C	18.9	20.0	94	78-133
4-Methyl-2-pentanone	8260C	16.0	20.0	80	66-124
Acetone	8260C	14.6	20.0	73	40-161
Benzene	8260C	17.8	20.0	89	79-119
Bromochloromethane	8260C	18.1	20.0	91	81-126
Bromodichloromethane	8260C	17.9	20.0	89	81-123
Bromoform	8260C	17.6	20.0	88	65-146
Bromomethane	8260C	21.4	20.0	107	42-166
Carbon Disulfide	8260C	16.2	20.0	81	66-128
Carbon Tetrachloride	8260C	19.2	20.0	96	70-127
Chlorobenzene	8260C	18.9	20.0	95	80-121
Chloroethane	8260C	16.5	20.0	83	62-131
Chloroform	8260C	16.2	20.0	81	79-120

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QA/QC Report

Client: Day Environmental, Inc.
Project: Manche/5474S-18
Sample Matrix: Water

Service Request: R1906131
Date Analyzed: 07/09/19

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1906974-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Chloromethane	8260C	17.4	20.0	87	65-135
Cyclohexane	8260C	16.2	20.0	81	69-120
Dibromochloromethane	8260C	19.9	20.0	99	72-128
Dichlorodifluoromethane (CFC 12)	8260C	18.1	20.0	91	59-155
Dichloromethane	8260C	16.5	20.0	83	73-122
Ethylbenzene	8260C	18.3	20.0	91	76-120
Isopropylbenzene (Cumene)	8260C	18.5	20.0	93	77-128
Methyl Acetate	8260C	13.8	20.0	69	40-112
Methyl tert-Butyl Ether	8260C	16.8	20.0	84	75-118
Methylcyclohexane	8260C	18.4	20.0	92	51-129
Styrene	8260C	19.7	20.0	98	80-124
Tetrachloroethene (PCE)	8260C	20.3	20.0	101	72-125
Toluene	8260C	18.5	20.0	92	79-119
Trichloroethene (TCE)	8260C	19.9	20.0	100	74-122
Trichlorofluoromethane (CFC 11)	8260C	17.3	20.0	87	71-136
Vinyl Chloride	8260C	17.5	20.0	87	74-159
cis-1,2-Dichloroethene	8260C	17.9	20.0	90	80-121
cis-1,3-Dichloropropene	8260C	18.8	20.0	94	77-122
m,p-Xylenes	8260C	37.5	40.0	94	80-126
n-Butylbenzene	8260C	18.9	20.0	94	78-133
n-Propylbenzene	8260C	18.4	20.0	92	78-131
o-Xylene	8260C	19.4	20.0	97	79-123
sec-Butylbenzene	8260C	18.5	20.0	92	75-129
tert-Butylbenzene	8260C	18.4	20.0	92	76-126
trans-1,2-Dichloroethene	8260C	17.3	20.0	86	73-118
trans-1,3-Dichloropropene	8260C	19.4	20.0	97	71-133

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QA/QC Report

Client: Day Environmental, Inc.
Project: Manche/5474S-18
Sample Matrix: Water

Service Request: R1906131
Date Analyzed: 07/10/19

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1907091-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	20.9	20.0	105	75-125
1,1,2,2-Tetrachloroethane	8260C	18.3	20.0	92	78-126
1,1,2-Trichloroethane	8260C	18.2	20.0	91	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	23.1	20.0	115	67-124
1,1-Dichloroethane (1,1-DCA)	8260C	20.7	20.0	103	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	20.4	20.0	102	71-118
1,2,3-Trichlorobenzene	8260C	19.6	20.0	98	67-136
1,2,4-Trichlorobenzene	8260C	20.0	20.0	100	75-132
1,2,4-Trimethylbenzene	8260C	20.0	20.0	100	81-126
1,2-Dibromo-3-chloropropane (DBCP)	8260C	15.9	20.0	79	55-136
1,2-Dibromoethane	8260C	18.8	20.0	94	82-127
1,2-Dichlorobenzene	8260C	18.9	20.0	95	80-119
1,2-Dichloroethane	8260C	20.1	20.0	101	71-127
1,2-Dichloropropane	8260C	19.3	20.0	97	80-119
1,3,5-Trimethylbenzene	8260C	19.9	20.0	100	81-128
1,3-Dichlorobenzene	8260C	19.2	20.0	96	83-121
1,4-Dichlorobenzene	8260C	19.1	20.0	95	79-119
1,4-Dioxane	8260C	331	400	83	44-154
2-Butanone (MEK)	8260C	19.4	20.0	97	61-137
2-Hexanone	8260C	17.2	20.0	86	63-124
4-Isopropyltoluene	8260C	20.7	20.0	103	78-133
4-Methyl-2-pentanone	8260C	18.2	20.0	91	66-124
Acetone	8260C	21.8	20.0	109	40-161
Benzene	8260C	19.9	20.0	100	79-119
Bromochloromethane	8260C	19.4	20.0	97	81-126
Bromodichloromethane	8260C	18.9	20.0	94	81-123
Bromoform	8260C	17.6	20.0	88	65-146
Bromomethane	8260C	18.0	20.0	90	42-166
Carbon Disulfide	8260C	19.4	20.0	97	66-128
Carbon Tetrachloride	8260C	19.5	20.0	97	70-127
Chlorobenzene	8260C	19.1	20.0	96	80-121
Chloroethane	8260C	17.7	20.0	88	62-131
Chloroform	8260C	21.0	20.0	105	79-120

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QA/QC Report

Client: Day Environmental, Inc.
Project: Manche/5474S-18
Sample Matrix: Water

Service Request: R1906131
Date Analyzed: 07/10/19

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1907091-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Chloromethane	8260C	20.1	20.0	101	65-135
Cyclohexane	8260C	19.4	20.0	97	69-120
Dibromochloromethane	8260C	19.0	20.0	95	72-128
Dichlorodifluoromethane (CFC 12)	8260C	24.2	20.0	121	59-155
Dichloromethane	8260C	19.9	20.0	99	73-122
Ethylbenzene	8260C	19.2	20.0	96	76-120
Isopropylbenzene (Cumene)	8260C	19.6	20.0	98	77-128
Methyl Acetate	8260C	18.8	20.0	94	40-112
Methyl tert-Butyl Ether	8260C	20.2	20.0	101	75-118
Methylcyclohexane	8260C	20.0	20.0	100	51-129
Styrene	8260C	19.5	20.0	98	80-124
Tetrachloroethene (PCE)	8260C	19.1	20.0	96	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	21.4	20.0	107	71-136
Vinyl Chloride	8260C	21.2	20.0	106	74-159
cis-1,2-Dichloroethene	8260C	20.8	20.0	104	80-121
cis-1,3-Dichloropropene	8260C	19.3	20.0	97	77-122
m,p-Xylenes	8260C	39.3	40.0	98	80-126
n-Butylbenzene	8260C	21.4	20.0	107	78-133
n-Propylbenzene	8260C	20.5	20.0	103	78-131
o-Xylene	8260C	19.2	20.0	96	79-123
sec-Butylbenzene	8260C	20.1	20.0	100	75-129
tert-Butylbenzene	8260C	20.0	20.0	100	76-126
trans-1,2-Dichloroethene	8260C	21.6	20.0	108	73-118
trans-1,3-Dichloropropene	8260C	18.7	20.0	93	71-133

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
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QA/QC Report

Client: Day Environmental, Inc. **Service Request:** R1906131
Project: Manche/5474S-18
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3510C

Sample Name	Lab Code	2,4,6-Tribromophenol 35-141	2-Fluorobiphenyl 31-118	2-Fluorophenol 10-105
MW-A	R1906131-001	91	76	36
MW-A DL	R1906131-001	92	76	36
MW-2	R1906131-002	90	74	38
RW-2	R1906131-003	93	82	40
MW-3	R1906131-004	88	77	41
RW-3	R1906131-005	92	74	38
Method Blank	RQ1906880-03	88	66	44
Lab Control Sample	RQ1906880-04	91	78	49
Duplicate Lab Control Sample	RQ1906880-05	85	75	46
MW-A MS	RQ1906880-01	96	88	44
MW-A DMS	RQ1906880-02	92	85	43

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QA/QC Report

Client: Day Environmental, Inc. **Service Request:** R1906131
Project: Manche/5474S-18
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3510C

Sample Name	Lab Code	Nitrobenzene-d5 31-110	Phenol-d6 10-107	Terphenyl-d14 10-165
MW-A	R1906131-001	73	24	59
MW-A DL	R1906131-001	73	22	57
MW-2	R1906131-002	70	24	60
RW-2	R1906131-003	80	26	62
MW-3	R1906131-004	75	26	63
RW-3	R1906131-005	71	24	62
Method Blank	RQ1906880-03	78	27	76
Lab Control Sample	RQ1906880-04	80	32	81
Duplicate Lab Control Sample	RQ1906880-05	78	30	74
MW-A MS	RQ1906880-01	81	30	69
MW-A DMS	RQ1906880-02	80	29	68

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QA/QC Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19
Sample Matrix:	Water	**Date Received:**	07/01/19
		Date Analyzed:	07/15/19
		Date Extracted:	07/8/19

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	MW-A	**Units:**	ug/L
Lab Code:	R1906131-001	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike RQ1906880-01			Duplicate Matrix Spike RQ1906880-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4,5-Tetrachlorobenzene	1.0 U	32.2	47.3	68	31.4	47.3	66	15-132	3	30
2,3,4,6-Tetrachlorophenol	1.0 U	41.3	47.2	88	40.3	47.2	86	42-136	2	30
2,4,5-Trichlorophenol	1.1 U	47.3	47.2	100	43.8	47.2	93	48-134	7	30
2,4,6-Trichlorophenol	1.0 U	46.4	47.2	98	44.7	47.2	95	44-135	3	30
2,4-Dichlorophenol	1.0 U	41.5	47.2	88	40.5	47.2	86	40-130	2	30
2,4-Dimethylphenol	1.0 U	45.5	47.2	96	43.6	47.2	92	42-121	4	30
2,4-Dinitrophenol	7.0 U	48.7	47.2	103	47.0	47.2	100	21-168	3	30
2,4-Dinitrotoluene	2.7 U	48.5	47.2	103	47.2	47.2	100	37-143	3	30
2,6-Dinitrotoluene	1.5 U	46.6	47.2	99	45.3	47.2	96	39-136	3	30
2-Chloronaphthalene	1.1 U	39.3	47.2	83	38.7	47.2	82	40-108	1	30
2-Chlorophenol	1.0 U	34.1	47.2	72	33.8	47.2	72	37-112	<1	30
2-Methylnaphthalene	6.7 J	44.2	47.2	80	43.3	47.2	78	34-102	3	30
2-Methylphenol	1.0 U	33.0	47.2	70	33.2	47.2	70	37-102	<1	30
2-Nitroaniline	2.4 U	47.1	47.2	100	45.8 J	47.2	97	40-136	3	30
2-Nitrophenol	1.5 U	42.3	47.2	90	42.4	47.2	90	27-143	<1	30
3,3'-Dichlorobenzidine	1.0 U	41.2	47.2	87	42.0	47.2	89	11-131	2	30
3- and 4-Methylphenol Coelution	1.0 U	30.0	47.2	64	29.5	47.2	62	30-95	3	30
3-Nitroaniline	1.8 U	40.6 J	47.2	86	39.6 J	47.2	84	19-117	2	30
4,6-Dinitro-2-methylphenol	3.7 U	45.8 J	47.2	97	44.3 J	47.2	94	25-154	3	30
4-Bromophenyl Phenyl Ether	1.4 U	40.6	47.2	86	38.7	47.2	82	39-115	5	30
4-Chloro-3-methylphenol	1.1 U	44.1	47.2	94	42.0	47.2	89	41-126	5	30
4-Chloroaniline	1.0 U	38.6	47.2	82	37.4	47.2	79	19-111	4	30
4-Chlorophenyl Phenyl Ether	1.2 U	40.5	47.2	86	39.1	47.2	83	41-111	4	30
4-Nitroaniline	1.9 U	43.7 J	47.2	93	42.0 J	47.2	89	18-143	4	30
4-Nitrophenol	3.0 U	18.7 J	47.2	40	18.8 J	47.2	40	10-126	<1	30
Acenaphthene	1.6 U	41.0	47.2	87	39.9	47.2	85	43-117	2	30
Acenaphthylene	1.3 U	40.2	47.2	85	39.2	47.2	83	45-119	2	30
Acetophenone	1.7 J	89.2	94.3	93	88.9	94.3	92	40-113	1	30
Anthracene	1.4 U	45.4	47.2	96	44.6	47.2	95	45-127	1	30
Atrazine	1.3 U	51.0	47.2	108	48.2	47.2	102	50-165	6	30
Benz(a)anthracene	1.0 U	43.5	47.2	92	42.5	47.2	90	46-126	2	30
Benzaldehyde	4.8 J	38.2 J	47.2	71	36.6 J	47.2	67	32-133	6	30
Benzo(a)pyrene	1.3 U	46.7	47.2	99	45.9	47.2	97	44-114	2	30
Benzo(b)fluoranthene	1.3 U	42.7	47.2	91	41.6	47.2	88	41-127	3	30
Benzo(g,h,i)perylene	1.5 U	50.7	47.2	108	49.6	47.2	105	50-143	3	30

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

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

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

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QA/QC Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	07/01/19
Sample Matrix:	Water	**Date Received:**	07/01/19
		Date Analyzed:	07/15/19
		Date Extracted:	07/8/19

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	MW-A	**Units:**	ug/L
Lab Code:	R1906131-001	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike RQ1906880-01			Duplicate Matrix Spike RQ1906880-02				
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(k)fluoranthene	1.5 U	47.9	47.2	102	46.2	47.2	98	46-139	4	30
Biphenyl	1.9 U	37.7	47.2	80	37.2	47.2	79	10-126	1	30
2,2'-Oxybis(1-chloropropane)	1.4 U	35.5	47.2	75	36.0	47.2	76	21-126	1	30
Bis(2-chloroethoxy)methane	1.0 U	43.5	47.2	92	42.5	47.2	90	41-118	2	30
Bis(2-chloroethyl) Ether	1.0 U	36.7	47.2	78	36.7	47.2	78	33-108	<1	30
Bis(2-ethylhexyl) Phthalate	180	50.3	47.2	-279 *	48.7	47.2	-282 *	41-132	1	30
Butyl Benzyl Phthalate	1.0 U	47.8	47.2	101	46.1	47.2	98	41-148	3	30
Caprolactam	1.0 U	13.4	47.2	28	12.6	47.2	27	10-48	4	30
Carbazole	1.3 U	48.0	47.2	102	46.6	47.2	99	39-144	3	30
Chrysene	1.5 U	43.1	47.2	91	42.0	47.2	89	47-126	2	30
Di-n-butyl Phthalate	1.1 U	48.4	47.2	103	46.3	47.2	98	43-130	5	30
Di-n-octyl Phthalate	1.8 U	50.8	47.2	108	48.5	47.2	103	40-139	5	30
Dibenz(a,h)anthracene	1.4 U	43.0	47.2	91	40.7	47.2	86	43-136	6	30
Dibenzofuran	1.3 U	42.9	47.2	91	41.6	47.2	88	46-119	3	30
Diethyl Phthalate	1.2 U	46.1	47.2	98	43.8	47.2	93	36-122	5	30
Dimethyl Phthalate	1.5 U	42.0	47.2	89	41.2	47.2	87	33-123	2	30
Fluoranthene	1.4 U	43.9	47.2	93	42.6	47.2	90	43-135	3	30
Fluorene	1.6 U	40.5	47.2	86	39.9	47.2	85	43-113	1	30
Hexachlorobenzene	1.4 U	41.6	47.2	88	41.4	47.2	88	42-125	<1	30
Hexachlorobutadiene	1.1 U	31.1	47.2	66	31.9	47.2	68	10-111	3	30
Hexachlorocyclopentadiene	1.5 U	24.4	47.2	52	26.2	47.2	56	10-103	7	30
Hexachloroethane	1.2 U	40.3	47.2	85	40.0	47.2	85	12-101	<1	30
Indeno(1,2,3-cd)pyrene	1.4 U	49.3	47.2	105	48.2	47.2	102	49-140	3	30
Isophorone	1.2 U	46.8	47.2	99	45.4	47.2	96	40-111	3	30
N-Nitrosodi-n-propylamine	2.0 U	41.1	47.2	87	40.7	47.2	86	35-108	1	30
N-Nitrosodiphenylamine	4.7 U	48.4	47.2	103	46.3	47.2	98	43-127	5	30
Naphthalene	27	66.3	47.2	83	61.0	47.2	72	37-108	14	30
Nitrobenzene	1.0 U	41.1	47.2	87	40.4	47.2	86	35-112	1	30
Pentachlorophenol (PCP)	6.0 U	57.1	47.2	121	55.1	47.2	117	29-164	3	30
Phenanthrene	1.6 U	42.2	47.2	89	41.2	47.2	87	46-123	2	30
Phenol	1.0 U	17.0	47.2	36	16.3	47.2	35	10-113	3	30
Pyrene	1.8 U	44.3	47.2	94	42.8	47.2	91	44-129	3	30

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

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

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

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1906880-03	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	
2,3,4,6-Tetrachlorophenol	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	
2,4,5-Trichlorophenol	1.1 U	10	1.1	1	07/15/19 16:48	7/8/19	
2,4,6-Trichlorophenol	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	
2,4-Dichlorophenol	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	
2,4-Dimethylphenol	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	
2,4-Dinitrophenol	7.0 U	50	7.0	1	07/15/19 16:48	7/8/19	
2,4-Dinitrotoluene	2.7 U	10	2.7	1	07/15/19 16:48	7/8/19	
2,6-Dinitrotoluene	1.5 U	10	1.5	1	07/15/19 16:48	7/8/19	
2-Chloronaphthalene	1.1 U	10	1.1	1	07/15/19 16:48	7/8/19	
2-Chlorophenol	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	
2-Methylnaphthalene	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	
2-Methylphenol	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	
2-Nitroaniline	2.4 U	50	2.4	1	07/15/19 16:48	7/8/19	
2-Nitrophenol	1.5 U	10	1.5	1	07/15/19 16:48	7/8/19	
3,3'-Dichlorobenzidine	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	
3- and 4-Methylphenol Coelution	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	
3-Nitroaniline	1.8 U	50	1.8	1	07/15/19 16:48	7/8/19	
4,6-Dinitro-2-methylphenol	3.7 U	50	3.7	1	07/15/19 16:48	7/8/19	
4-Bromophenyl Phenyl Ether	1.4 U	10	1.4	1	07/15/19 16:48	7/8/19	
4-Chloro-3-methylphenol	1.1 U	10	1.1	1	07/15/19 16:48	7/8/19	
4-Chloroaniline	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	
4-Chlorophenyl Phenyl Ether	1.2 U	10	1.2	1	07/15/19 16:48	7/8/19	
4-Nitroaniline	1.9 U	50	1.9	1	07/15/19 16:48	7/8/19	
4-Nitrophenol	3.0 U	50	3.0	1	07/15/19 16:48	7/8/19	
Acenaphthene	1.6 U	10	1.6	1	07/15/19 16:48	7/8/19	
Acenaphthylene	1.3 U	10	1.3	1	07/15/19 16:48	7/8/19	
Acetophenone	1.3 U	10	1.3	1	07/15/19 16:48	7/8/19	
Anthracene	1.4 U	10	1.4	1	07/15/19 16:48	7/8/19	
Atrazine	1.3 U	10	1.3	1	07/15/19 16:48	7/8/19	
Benz(a)anthracene	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	
Benzaldehyde	1.1 U	50	1.1	1	07/15/19 16:48	7/8/19	
Benzo(a)pyrene	1.3 U	10	1.3	1	07/15/19 16:48	7/8/19	
Benzo(b)fluoranthene	1.3 U	10	1.3	1	07/15/19 16:48	7/8/19	
Benzo(g,h,i)perylene	1.5 U	10	1.5	1	07/15/19 16:48	7/8/19	
Benzo(k)fluoranthene	1.5 U	10	1.5	1	07/15/19 16:48	7/8/19	
Biphenyl	1.9 U	10	1.9	1	07/15/19 16:48	7/8/19	
2,2'-Oxybis(1-chloropropane)	1.4 U	10	1.4	1	07/15/19 16:48	7/8/19	
Bis(2-chloroethoxy)methane	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	
Bis(2-chloroethyl) Ether	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	
Bis(2-ethylhexyl) Phthalate	9.7 U	10	9.7	1	07/15/19 16:48	7/8/19	
Butyl Benzyl Phthalate	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	
Caprolactam	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906131
Project:	Manche/5474S-18	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1906880-03	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	1.3 U	10	1.3	1	07/15/19 16:48	7/8/19	
Chrysene	1.5 U	10	1.5	1	07/15/19 16:48	7/8/19	
Di-n-butyl Phthalate	1.1 U	10	1.1	1	07/15/19 16:48	7/8/19	
Di-n-octyl Phthalate	1.8 U	10	1.8	1	07/15/19 16:48	7/8/19	
Dibenz(a,h)anthracene	1.4 U	10	1.4	1	07/15/19 16:48	7/8/19	
Dibenzofuran	1.3 U	10	1.3	1	07/15/19 16:48	7/8/19	
Diethyl Phthalate	1.2 U	10	1.2	1	07/15/19 16:48	7/8/19	
Dimethyl Phthalate	1.5 U	10	1.5	1	07/15/19 16:48	7/8/19	
Fluoranthene	1.4 U	10	1.4	1	07/15/19 16:48	7/8/19	
Fluorene	1.6 U	10	1.6	1	07/15/19 16:48	7/8/19	
Hexachlorobenzene	1.4 U	10	1.4	1	07/15/19 16:48	7/8/19	
Hexachlorobutadiene	1.1 U	10	1.1	1	07/15/19 16:48	7/8/19	
Hexachlorocyclopentadiene	1.5 U	10	1.5	1	07/15/19 16:48	7/8/19	
Hexachloroethane	1.2 U	10	1.2	1	07/15/19 16:48	7/8/19	
Indeno(1,2,3-cd)pyrene	1.4 U	10	1.4	1	07/15/19 16:48	7/8/19	
Isophorone	1.2 U	10	1.2	1	07/15/19 16:48	7/8/19	
N-Nitrosodi-n-propylamine	2.0 U	10	2.0	1	07/15/19 16:48	7/8/19	
N-Nitrosodiphenylamine	4.7 U	10	4.7	1	07/15/19 16:48	7/8/19	
Naphthalene	1.1 U	10	1.1	1	07/15/19 16:48	7/8/19	
Nitrobenzene	1.0 U	10	1.0	1	07/15/19 16:48	7/8/19	
Pentachlorophenol (PCP)	6.0 U	50	6.0	1	07/15/19 16:48	7/8/19	
Phenanthrene	1.6 U	10	1.6	1	07/15/19 16:48	7/8/19	
Phenol	3.0 U	10	3.0	1	07/15/19 16:48	7/8/19	
Pyrene	1.8 U	10	1.8	1	07/15/19 16:48	7/8/19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	88	35 - 141	07/15/19 16:48	
2-Fluorobiphenyl	66	31 - 118	07/15/19 16:48	
2-Fluorophenol	44	10 - 105	07/15/19 16:48	
Nitrobenzene-d5	78	31 - 110	07/15/19 16:48	
Phenol-d6	27	10 - 107	07/15/19 16:48	
Terphenyl-d14	76	10 - 165	07/15/19 16:48	

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QA/QC Report

Client: Day Environmental, Inc.
Project: Manche/5474S-18
Sample Matrix: Water

Service Request: R1906131
Date Analyzed: 07/15/19

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1906880-04			RQ1906880-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4,5-Tetrachlorobenzene	8270D	30.4	50.1	61	28.3	50.1	56	15-132	9	30
2,3,4,6-Tetrachlorophenol	8270D	42.5	50.0	85	40.7	50.0	81	42-136	5	30
2,4,5-Trichlorophenol	8270D	47.5	50.0	95	45.4	50.0	91	48-134	4	30
2,4,6-Trichlorophenol	8270D	46.8	50.0	94	44.5	50.0	89	44-135	5	30
2,4-Dichlorophenol	8270D	42.9	50.0	86	41.0	50.0	82	48-127	5	30
2,4-Dimethylphenol	8270D	47.0	50.0	94	43.6	50.0	87	59-113	8	30
2,4-Dinitrophenol	8270D	50.1	50.0	100	47.7 J	50.0	95	21-154	5	30
2,4-Dinitrotoluene	8270D	51.2	50.0	102	48.7	50.0	97	54-130	5	30
2,6-Dinitrotoluene	8270D	49.4	50.0	99	47.2	50.0	94	51-127	5	30
2-Chloronaphthalene	8270D	34.5	50.0	69	33.3	50.0	67	40-108	3	30
2-Chlorophenol	8270D	38.0	50.0	76	35.4	50.0	71	42-112	7	30
2-Methylnaphthalene	8270D	31.7	50.0	63	31.0	50.0	62	34-102	2	30
2-Methylphenol	8270D	37.7	50.0	75	35.0	50.0	70	47-100	7	30
2-Nitroaniline	8270D	49.6 J	50.0	99	46.3 J	50.0	93	52-133	6	30
2-Nitrophenol	8270D	43.7	50.0	87	43.2	50.0	86	43-131	1	30
3,3'-Dichlorobenzidine	8270D	49.3	50.0	99	47.4	50.0	95	43-126	4	30
3- and 4-Methylphenol Coelution	8270D	33.9	50.0	68	31.1	50.0	62	40-92	9	30
3-Nitroaniline	8270D	43.0 J	50.0	86	40.8 J	50.0	82	42-111	5	30
4,6-Dinitro-2-methylphenol	8270D	46.4 J	50.0	93	46.9 J	50.0	94	36-152	1	30
4-Bromophenyl Phenyl Ether	8270D	38.6	50.0	77	36.9	50.0	74	48-114	4	30
4-Chloro-3-methylphenol	8270D	45.2	50.0	90	42.8	50.0	86	52-113	5	30
4-Chloroaniline	8270D	38.3	50.0	77	39.1	50.0	78	44-109	1	30
4-Chlorophenyl Phenyl Ether	8270D	38.8	50.0	78	36.8	50.0	74	51-107	5	30
4-Nitroaniline	8270D	46.0 J	50.0	92	44.0 J	50.0	88	54-133	4	30
4-Nitrophenol	8270D	18.5 J	50.0	37	17.5 J	50.0	35	10-126	6	30
Acenaphthene	8270D	37.1	50.0	74	35.4	50.0	71	52-107	4	30
Acenaphthylene	8270D	37.3	50.0	75	36.3	50.0	73	55-109	3	30
Acetophenone	8270D	84.8	100	85	82.0	100	82	46-114	4	30
Anthracene	8270D	45.5	50.0	91	44.9	50.0	90	55-116	1	30
Atrazine	8270D	51.4	50.0	103	50.2	50.0	100	61-164	3	30
Benz(a)anthracene	8270D	44.5	50.0	89	42.9	50.0	86	61-121	3	30
Benzaldehyde	8270D	37.2 J	50.0	74	36.4 J	50.0	73	45-132	1	30
Benzo(a)pyrene	8270D	47.6	50.0	95	46.0	50.0	92	44-114	3	30

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Day Environmental, Inc.
Project: Manche/5474S-18
Sample Matrix: Water

Service Request: R1906131
Date Analyzed: 07/15/19

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1906880-04			RQ1906880-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(b)fluoranthene	8270D	43.9	50.0	88	42.2	50.0	84	62-115	5	30
Benzo(g,h,i)perylene	8270D	53.0	50.0	106	51.1	50.0	102	63-136	4	30
Benzo(k)fluoranthene	8270D	48.0	50.0	96	47.3	50.0	95	49-133	1	30
Biphenyl	8270D	34.8	50.0	70	32.5	50.0	65	39-106	7	30
2,2'-Oxybis(1-chloropropane)	8270D	38.1	50.0	76	37.4	50.0	75	32-122	1	30
Bis(2-chloroethoxy)methane	8270D	45.0	50.0	90	43.4	50.0	87	55-110	3	30
Bis(2-chloroethyl) Ether	8270D	40.8	50.0	82	39.4	50.0	79	46-102	4	30
Bis(2-ethylhexyl) Phthalate	8270D	50.6	50.0	101	49.7	50.0	99	51-132	2	30
Butyl Benzyl Phthalate	8270D	49.1	50.0	98	47.4	50.0	95	41-148	3	30
Caprolactam	8270D	14.0	50.0	28	13.6	50.0	27	10-41	4	30
Carbazole	8270D	48.5	50.0	97	48.0	50.0	96	56-139	1	30
Chrysene	8270D	44.7	50.0	89	43.3	50.0	87	57-118	2	30
Di-n-butyl Phthalate	8270D	48.8	50.0	98	48.6	50.0	97	57-128	1	30
Di-n-octyl Phthalate	8270D	49.8	50.0	100	48.6	50.0	97	62-124	3	30
Dibenz(a,h)anthracene	8270D	46.0	50.0	92	44.2	50.0	88	54-135	4	30
Dibenzofuran	8270D	40.5	50.0	81	38.8	50.0	78	55-110	4	30
Diethyl Phthalate	8270D	48.2	50.0	96	45.3	50.0	91	53-113	5	30
Dimethyl Phthalate	8270D	44.5	50.0	89	42.4	50.0	85	51-112	5	30
Fluoranthene	8270D	44.1	50.0	88	43.7	50.0	87	66-127	1	30
Fluorene	8270D	39.4	50.0	79	38.0	50.0	76	54-106	4	30
Hexachlorobenzene	8270D	41.4	50.0	83	41.2	50.0	82	53-123	1	30
Hexachlorobutadiene	8270D	30.2	50.0	60	29.3	50.0	59	16-95	2	30
Hexachlorocyclopentadiene	8270D	22.0	50.0	44	19.7	50.0	39	10-99	12	30
Hexachloroethane	8270D	26.0	50.0	52	26.0	50.0	52	15-92	<1	30
Indeno(1,2,3-cd)pyrene	8270D	51.3	50.0	103	50.3	50.0	101	62-137	2	30
Isophorone	8270D	48.4	50.0	97	46.3	50.0	93	50-116	4	30
N-Nitrosodi-n-propylamine	8270D	43.5	50.0	87	42.7	50.0	85	49-115	2	30
N-Nitrosodiphenylamine	8270D	49.8	50.0	100	49.4	50.0	99	45-123	1	30
Naphthalene	8270D	31.3	50.0	63	30.9	50.0	62	38-99	2	30
Nitrobenzene	8270D	41.9	50.0	84	41.9	50.0	84	46-108	<1	30
Pentachlorophenol (PCP)	8270D	53.3	50.0	107	52.5	50.0	105	29-164	2	30
Phenanthrene	8270D	41.8	50.0	84	41.5	50.0	83	58-118	1	30
Phenol	8270D	19.3	50.0	39	18.8	50.0	38	10-113	3	30

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Day Environmental, Inc.
Project: Manche/5474S-18
Sample Matrix: Water

Service Request: R1906131
Date Analyzed: 07/15/19

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1906880-04			RQ1906880-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Pyrene	8270D	45.5	50.0	91	44.3	50.0	89	61-122	2	30

July 23, 2019 Service Request No:R1906192

Ms. Heather McLennan
Day Environmental, Inc.
1563 Lyell Avenue
Rochester, NY 14606

Laboratory Results for: Manche

Dear Ms.McLennan,

Enclosed are the results of the sample(s) submitted to our laboratory July 02, 2019
For your reference, these analyses have been assigned our service request number **R1906192.**

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 7471. You may also contact me via email at Brady.Kalkman@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Brady Kalkman
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
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Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

1565 Jefferson Rd, Building 300, Rochester, NY 14623 | 585-288-5380 | www.alsglobal.com

Client: Day Environmental, Inc.
Project: Manche
Sample Matrix: Water

Service Request: R1906192
Date Received: 07/02/2019

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:

Five water samples were received for analysis at ALS Environmental on 07/02/2019. 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.

Semivolatiles by GC/MS:

Method 8270D, 07/16/2019: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
Method 8270D, 07/16/2019: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.
Method 8270D, 07/18/2019: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Volatiles by GC/MS:

No significant anomalies were noted with this analysis.

Approved by _____ Date 07/23/2019

SAMPLE DETECTION SUMMARY

CLIENT ID: RW-1			Lab ID: R1906192-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Chloroform	0.24	J	0.24	5.0	ug/L	8260C
Tetrachloroethene (PCE)	2.5	J	0.21	5.0	ug/L	8260C
Trichloroethene (TCE)	1.1	J	0.20	5.0	ug/L	8260C
cis-1,2-Dichloroethene	0.43	J	0.23	5.0	ug/L	8260C
Bis(2-ethylhexyl) Phthalate	490		49	49	ug/L	8270D

CLIENT ID: MW-6			Lab ID: R1906192-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Acetone	2.3	BJ	2.1	10	ug/L	8260C

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: Day Environmental, Inc. **Service Request:**R1906192

Project: Manche/5474S-18

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R1906192-001	RW-1	7/2/2019	1115
R1906192-002	MW-5	7/2/2019	1252
R1906192-003	MW-6	7/2/2019	1356
R1906192-004	MW-4	7/2/2019	1532
R1906192-005	EB-YSI	7/2/2019	1615

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM 57722

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

Project Name: Manche	Project Number: 54745-18
Project Manager: Ray Kampff	Report CC: -
Company/Address: Day Environmental 1563 Lyell Ave. Rochester, NY 14606	
Phone #: 585-454-0210	Email: rkampff@daymail.net
Sampler's Signature: Hanna Miller	Sampler's Printed Name: Hanna Miller

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE: 1 | 0

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GCMS VOAs 8260 • 624 • CLP + TICs	GCMS SVOAs 8270 • 625 + TICs	GC VOAs • 8021 • 601/602	PESTICIDES • 8081 • 608	PCBs • 8082 • 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)
RW-1		7-2-19	11:15	GW	5	X	X					
MW-5			12:52									
MW-6			13:56									
MW-4			15:32									
EB-YSI			16:15	Water	3	X						

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 - ASP Cat - B

See OAPP ☐

STATE WHERE SAMPLES WERE COLLECTED

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
X II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
_____ IV. Data Validation Report with Raw Data

Edata _____ Yes _____ No

INVOICE INFORMATION
PO #
BILL TO:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Hanna Miller	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: Hanna Miller	Printed Name: Jamie Marc	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: Day Environmental	Firm: ALS	Firm:	Firm:	Firm:	Firm:
Date/Time: 7-2-19 / 6:25	Date/Time: 7/2/19 / 1825	Date/Time:	Date/Time:	Date/Time:	Date/Time:

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

R1906192 5
Day Environmental, Inc.
Manche

Cooler Receipt and Preservation Check Form

R1906192 5
Day Environmental, Inc.
Manche

Project/Client Day Env. Folder Number

Cooler received on 7/2/19 by: SM

COURIER: ALS UPS FEDEX VELOCITY (CLIENT)

1	Were **Custody seals** on outside of cooler?	Y (N)
2	**Custody papers** properly completed (ink, signed)?	(Y) N
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N
4	Circle: **Wet Ice Dry Ice Gel packs** present?	(Y) N

5a	**Perchlorate** samples have required headspace?	Y N (NA)
5b	Did VOA vials, Alk, or Sulfide have sig* **bubbles**?	Y (N) NA
6	Where did the bottles originate?	ALS/ROC CLIENT
7	Soil VOA received as: Bulk Encore 5035set	(NA)

8. Temperature Readings Date: 7/2/19 Time: 1835 ID: IR#7 ~~IR#10~~ From: Temp Blank ~~Sample Bottle~~

Observed Temp (°C)	11.1						
Correction Factor (°C)	+0.3						
Corrected Temp (°C)	11.4						
Temp from: Type of bottle	1L Amber						
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: R-002 by SM on 7/2/19 at 1835
5035 samples placed in storage location: _____ by _____ on _____ at _____

Cooler Breakdown/Preservation Check**: Date: 7/3/19 Time: 1240 by: SM

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 with MS? 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	**	**	4117090					

**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: 8-353-002, 052019-10K
Explain all Discrepancies/ Other Comments:

CLRES	BULK
DO	FLDT
HPROD	HGFB
HTR	LL3541
PH	SUB
SO3	MARRS
ALS	REV

Labels secondary reviewed by: JL
PC Secondary Review: _____

*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

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

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the ñNotesò 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 ñimmediateò 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 (Ó100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Certifications[1]

Connecticut ID # PH0556	Maine ID #NY0032	Pennsylvania ID# 68-786
Delaware Approved	New Hampshire ID # 2941	Rhode Island ID # 158
DoD ELAP #65817	New York ID # 10145	Virginia #460167
Florida ID # E87674	North Carolina #676	

[1] Analyses were performed according to our laboratoryôs 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.

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18		

Sample Name:	RW-1	**Date Collected:**	07/2/19
Lab Code:	R1906192-001	**Date Received:**	07/2/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST
8270D	KSERCU	BALLGEIER

Sample Name:	MW-5	**Date Collected:**	07/2/19
Lab Code:	R1906192-002	**Date Received:**	07/2/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST
8270D	KSERCU	JMISIUREWICZ

Sample Name:	MW-6	**Date Collected:**	07/2/19
Lab Code:	R1906192-003	**Date Received:**	07/2/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST
8270D	KSERCU	JMISIUREWICZ

Sample Name:	MW-4	**Date Collected:**	07/2/19
Lab Code:	R1906192-004	**Date Received:**	07/2/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST
8270D	KSERCU	JMISIUREWICZ

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18		

Sample Name:	EB-YSI	**Date Collected:**	07/2/19
Lab Code:	R1906192-005	**Date Received:**	07/2/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

INORGANIC PREPARATION METHODS

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
9014 Cyanide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Acid Soluble	9030B
9056A Bomb (Halogens)	5050A
9066 Manual Distillation	9065
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
7196A	3060A
7199	3060A
9056A Halogens/Halides	5050
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
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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
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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 11:15
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	RW-1	**Units:**	ug/L
Lab Code:	R1906192-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	0.21 U	5.0	0.21	1	07/06/19 05:19	
1,1,2,2-Tetrachloroethane	0.20 U	5.0	0.20	1	07/06/19 05:19	
1,1,2-Trichloroethane	0.20 U	5.0	0.20	1	07/06/19 05:19	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20 U	5.0	0.20	1	07/06/19 05:19	
1,1-Dichloroethane (1,1-DCA)	0.20 U	5.0	0.20	1	07/06/19 05:19	
1,1-Dichloroethene (1,1-DCE)	0.25 U	5.0	0.25	1	07/06/19 05:19	
1,2,3-Trichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 05:19	
1,2,4-Trichlorobenzene	0.25 U	5.0	0.25	1	07/06/19 05:19	
1,2,4-Trimethylbenzene	0.20 U	5.0	0.20	1	07/06/19 05:19	
1,2-Dibromo-3-chloropropane (DBCP)	0.45 U	5.0	0.45	1	07/06/19 05:19	
1,2-Dibromoethane	0.20 U	5.0	0.20	1	07/06/19 05:19	
1,2-Dichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 05:19	
1,2-Dichloroethane	0.20 U	5.0	0.20	1	07/06/19 05:19	
1,2-Dichloropropane	0.20 U	5.0	0.20	1	07/06/19 05:19	
1,3,5-Trimethylbenzene	0.20 U	5.0	0.20	1	07/06/19 05:19	
1,3-Dichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 05:19	
1,4-Dichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 05:19	
1,4-Dioxane	13 U	100	13	1	07/06/19 05:19	
2-Butanone (MEK)	0.78 U	10	0.78	1	07/06/19 05:19	
2-Hexanone	0.20 U	10	0.20	1	07/06/19 05:19	
4-Isopropyltoluene	0.20 U	5.0	0.20	1	07/06/19 05:19	
4-Methyl-2-pentanone	0.20 U	10	0.20	1	07/06/19 05:19	
Acetone	2.1 U	10	2.1	1	07/06/19 05:19	
Benzene	0.20 U	5.0	0.20	1	07/06/19 05:19	
Bromochloromethane	0.24 U	5.0	0.24	1	07/06/19 05:19	
Bromodichloromethane	0.22 U	5.0	0.22	1	07/06/19 05:19	
Bromoform	0.25 U	5.0	0.25	1	07/06/19 05:19	
Bromomethane	0.70 U	5.0	0.70	1	07/06/19 05:19	
Carbon Disulfide	0.25 U	10	0.25	1	07/06/19 05:19	
Carbon Tetrachloride	0.34 U	5.0	0.34	1	07/06/19 05:19	
Chlorobenzene	0.20 U	5.0	0.20	1	07/06/19 05:19	
Chloroethane	0.23 U	5.0	0.23	1	07/06/19 05:19	
Chloroform	**0.24 J**	5.0	0.24	1	07/06/19 05:19	
Chloromethane	0.28 U	5.0	0.28	1	07/06/19 05:19	
Cyclohexane	0.26 U	10	0.26	1	07/06/19 05:19	
Dibromochloromethane	0.20 U	5.0	0.20	1	07/06/19 05:19	
Dichlorodifluoromethane (CFC 12)	0.21 U	5.0	0.21	1	07/06/19 05:19	
Dichloromethane	0.36 U	5.0	0.36	1	07/06/19 05:19	
Ethylbenzene	0.20 U	5.0	0.20	1	07/06/19 05:19	
Isopropylbenzene (Cumene)	0.20 U	5.0	0.20	1	07/06/19 05:19	
Methyl Acetate	0.33 U	10	0.33	1	07/06/19 05:19	
Methyl tert-Butyl Ether	0.20 U	5.0	0.20	1	07/06/19 05:19	
Methylcyclohexane	0.20 U	10	0.20	1	07/06/19 05:19	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 11:15
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	RW-1	**Units:**	ug/L
Lab Code:	R1906192-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Styrene	0.20 U	5.0	0.20	1	07/06/19 05:19	
Tetrachloroethene (PCE)	**2.5 J**	5.0	0.21	1	07/06/19 05:19	
Toluene	0.20 U	5.0	0.20	1	07/06/19 05:19	
Trichloroethene (TCE)	**1.1 J**	5.0	0.20	1	07/06/19 05:19	
Trichlorofluoromethane (CFC 11)	0.24 U	5.0	0.24	1	07/06/19 05:19	
Vinyl Chloride	0.20 U	5.0	0.20	1	07/06/19 05:19	
cis-1,2-Dichloroethene	**0.43 J**	5.0	0.23	1	07/06/19 05:19	
cis-1,3-Dichloropropene	0.20 U	5.0	0.20	1	07/06/19 05:19	
m,p-Xylenes	0.20 U	5.0	0.20	1	07/06/19 05:19	
n-Butylbenzene	0.20 U	5.0	0.20	1	07/06/19 05:19	
n-Propylbenzene	0.20 U	5.0	0.20	1	07/06/19 05:19	
o-Xylene	0.20 U	5.0	0.20	1	07/06/19 05:19	
sec-Butylbenzene	0.20 U	5.0	0.20	1	07/06/19 05:19	
tert-Butylbenzene	0.20 U	5.0	0.20	1	07/06/19 05:19	
trans-1,2-Dichloroethene	0.20 U	5.0	0.20	1	07/06/19 05:19	
trans-1,3-Dichloropropene	0.23 U	5.0	0.23	1	07/06/19 05:19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	07/06/19 05:19	
Dibromofluoromethane	97	89 - 119	07/06/19 05:19	
Toluene-d8	98	87 - 121	07/06/19 05:19	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 12:52
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	MW-5	**Units:**	ug/L
Lab Code:	R1906192-002	**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)	0.21 U	5.0	0.21	1	07/06/19 05:41	
1,1,2,2-Tetrachloroethane	0.20 U	5.0	0.20	1	07/06/19 05:41	
1,1,2-Trichloroethane	0.20 U	5.0	0.20	1	07/06/19 05:41	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20 U	5.0	0.20	1	07/06/19 05:41	
1,1-Dichloroethane (1,1-DCA)	0.20 U	5.0	0.20	1	07/06/19 05:41	
1,1-Dichloroethene (1,1-DCE)	0.25 U	5.0	0.25	1	07/06/19 05:41	
1,2,3-Trichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 05:41	
1,2,4-Trichlorobenzene	0.25 U	5.0	0.25	1	07/06/19 05:41	
1,2,4-Trimethylbenzene	0.20 U	5.0	0.20	1	07/06/19 05:41	
1,2-Dibromo-3-chloropropane (DBCP)	0.45 U	5.0	0.45	1	07/06/19 05:41	
1,2-Dibromoethane	0.20 U	5.0	0.20	1	07/06/19 05:41	
1,2-Dichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 05:41	
1,2-Dichloroethane	0.20 U	5.0	0.20	1	07/06/19 05:41	
1,2-Dichloropropane	0.20 U	5.0	0.20	1	07/06/19 05:41	
1,3,5-Trimethylbenzene	0.20 U	5.0	0.20	1	07/06/19 05:41	
1,3-Dichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 05:41	
1,4-Dichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 05:41	
1,4-Dioxane	13 U	100	13	1	07/06/19 05:41	
2-Butanone (MEK)	0.78 U	10	0.78	1	07/06/19 05:41	
2-Hexanone	0.20 U	10	0.20	1	07/06/19 05:41	
4-Isopropyltoluene	0.20 U	5.0	0.20	1	07/06/19 05:41	
4-Methyl-2-pentanone	0.20 U	10	0.20	1	07/06/19 05:41	
Acetone	2.1 U	10	2.1	1	07/06/19 05:41	
Benzene	0.20 U	5.0	0.20	1	07/06/19 05:41	
Bromochloromethane	0.24 U	5.0	0.24	1	07/06/19 05:41	
Bromodichloromethane	0.22 U	5.0	0.22	1	07/06/19 05:41	
Bromoform	0.25 U	5.0	0.25	1	07/06/19 05:41	
Bromomethane	0.70 U	5.0	0.70	1	07/06/19 05:41	
Carbon Disulfide	0.25 U	10	0.25	1	07/06/19 05:41	
Carbon Tetrachloride	0.34 U	5.0	0.34	1	07/06/19 05:41	
Chlorobenzene	0.20 U	5.0	0.20	1	07/06/19 05:41	
Chloroethane	0.23 U	5.0	0.23	1	07/06/19 05:41	
Chloroform	0.24 U	5.0	0.24	1	07/06/19 05:41	
Chloromethane	0.28 U	5.0	0.28	1	07/06/19 05:41	
Cyclohexane	0.26 U	10	0.26	1	07/06/19 05:41	
Dibromochloromethane	0.20 U	5.0	0.20	1	07/06/19 05:41	
Dichlorodifluoromethane (CFC 12)	0.21 U	5.0	0.21	1	07/06/19 05:41	
Dichloromethane	0.36 U	5.0	0.36	1	07/06/19 05:41	
Ethylbenzene	0.20 U	5.0	0.20	1	07/06/19 05:41	
Isopropylbenzene (Cumene)	0.20 U	5.0	0.20	1	07/06/19 05:41	
Methyl Acetate	0.33 U	10	0.33	1	07/06/19 05:41	
Methyl tert-Butyl Ether	0.20 U	5.0	0.20	1	07/06/19 05:41	
Methylcyclohexane	0.20 U	10	0.20	1	07/06/19 05:41	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 12:52
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	MW-5	**Units:**	ug/L
Lab Code:	R1906192-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Styrene	0.20 U	5.0	0.20	1	07/06/19 05:41	
Tetrachloroethene (PCE)	0.21 U	5.0	0.21	1	07/06/19 05:41	
Toluene	0.20 U	5.0	0.20	1	07/06/19 05:41	
Trichloroethene (TCE)	0.20 U	5.0	0.20	1	07/06/19 05:41	
Trichlorofluoromethane (CFC 11)	0.24 U	5.0	0.24	1	07/06/19 05:41	
Vinyl Chloride	0.20 U	5.0	0.20	1	07/06/19 05:41	
cis-1,2-Dichloroethene	0.23 U	5.0	0.23	1	07/06/19 05:41	
cis-1,3-Dichloropropene	0.20 U	5.0	0.20	1	07/06/19 05:41	
m,p-Xylenes	0.20 U	5.0	0.20	1	07/06/19 05:41	
n-Butylbenzene	0.20 U	5.0	0.20	1	07/06/19 05:41	
n-Propylbenzene	0.20 U	5.0	0.20	1	07/06/19 05:41	
o-Xylene	0.20 U	5.0	0.20	1	07/06/19 05:41	
sec-Butylbenzene	0.20 U	5.0	0.20	1	07/06/19 05:41	
tert-Butylbenzene	0.20 U	5.0	0.20	1	07/06/19 05:41	
trans-1,2-Dichloroethene	0.20 U	5.0	0.20	1	07/06/19 05:41	
trans-1,3-Dichloropropene	0.23 U	5.0	0.23	1	07/06/19 05:41	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	90	85 - 122	07/06/19 05:41	
Dibromofluoromethane	95	89 - 119	07/06/19 05:41	
Toluene-d8	97	87 - 121	07/06/19 05:41	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 13:56
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	MW-6	**Units:**	ug/L
Lab Code:	R1906192-003	**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)	0.21 U	5.0	0.21	1	07/06/19 06:03	
1,1,2,2-Tetrachloroethane	0.20 U	5.0	0.20	1	07/06/19 06:03	
1,1,2-Trichloroethane	0.20 U	5.0	0.20	1	07/06/19 06:03	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20 U	5.0	0.20	1	07/06/19 06:03	
1,1-Dichloroethane (1,1-DCA)	0.20 U	5.0	0.20	1	07/06/19 06:03	
1,1-Dichloroethene (1,1-DCE)	0.25 U	5.0	0.25	1	07/06/19 06:03	
1,2,3-Trichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 06:03	
1,2,4-Trichlorobenzene	0.25 U	5.0	0.25	1	07/06/19 06:03	
1,2,4-Trimethylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:03	
1,2-Dibromo-3-chloropropane (DBCP)	0.45 U	5.0	0.45	1	07/06/19 06:03	
1,2-Dibromoethane	0.20 U	5.0	0.20	1	07/06/19 06:03	
1,2-Dichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 06:03	
1,2-Dichloroethane	0.20 U	5.0	0.20	1	07/06/19 06:03	
1,2-Dichloropropane	0.20 U	5.0	0.20	1	07/06/19 06:03	
1,3,5-Trimethylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:03	
1,3-Dichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 06:03	
1,4-Dichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 06:03	
1,4-Dioxane	13 U	100	13	1	07/06/19 06:03	
2-Butanone (MEK)	0.78 U	10	0.78	1	07/06/19 06:03	
2-Hexanone	0.20 U	10	0.20	1	07/06/19 06:03	
4-Isopropyltoluene	0.20 U	5.0	0.20	1	07/06/19 06:03	
4-Methyl-2-pentanone	0.20 U	10	0.20	1	07/06/19 06:03	
Acetone	**2.3 BJ**	10	2.1	1	07/06/19 06:03	
Benzene	0.20 U	5.0	0.20	1	07/06/19 06:03	
Bromochloromethane	0.24 U	5.0	0.24	1	07/06/19 06:03	
Bromodichloromethane	0.22 U	5.0	0.22	1	07/06/19 06:03	
Bromoform	0.25 U	5.0	0.25	1	07/06/19 06:03	
Bromomethane	0.70 U	5.0	0.70	1	07/06/19 06:03	
Carbon Disulfide	0.25 U	10	0.25	1	07/06/19 06:03	
Carbon Tetrachloride	0.34 U	5.0	0.34	1	07/06/19 06:03	
Chlorobenzene	0.20 U	5.0	0.20	1	07/06/19 06:03	
Chloroethane	0.23 U	5.0	0.23	1	07/06/19 06:03	
Chloroform	0.24 U	5.0	0.24	1	07/06/19 06:03	
Chloromethane	0.28 U	5.0	0.28	1	07/06/19 06:03	
Cyclohexane	0.26 U	10	0.26	1	07/06/19 06:03	
Dibromochloromethane	0.20 U	5.0	0.20	1	07/06/19 06:03	
Dichlorodifluoromethane (CFC 12)	0.21 U	5.0	0.21	1	07/06/19 06:03	
Dichloromethane	0.36 U	5.0	0.36	1	07/06/19 06:03	
Ethylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:03	
Isopropylbenzene (Cumene)	0.20 U	5.0	0.20	1	07/06/19 06:03	
Methyl Acetate	0.33 U	10	0.33	1	07/06/19 06:03	
Methyl tert-Butyl Ether	0.20 U	5.0	0.20	1	07/06/19 06:03	
Methylcyclohexane	0.20 U	10	0.20	1	07/06/19 06:03	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 13:56
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	MW-6	**Units:**	ug/L
Lab Code:	R1906192-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Styrene	0.20 U	5.0	0.20	1	07/06/19 06:03	
Tetrachloroethene (PCE)	0.21 U	5.0	0.21	1	07/06/19 06:03	
Toluene	0.20 U	5.0	0.20	1	07/06/19 06:03	
Trichloroethene (TCE)	0.20 U	5.0	0.20	1	07/06/19 06:03	
Trichlorofluoromethane (CFC 11)	0.24 U	5.0	0.24	1	07/06/19 06:03	
Vinyl Chloride	0.20 U	5.0	0.20	1	07/06/19 06:03	
cis-1,2-Dichloroethene	0.23 U	5.0	0.23	1	07/06/19 06:03	
cis-1,3-Dichloropropene	0.20 U	5.0	0.20	1	07/06/19 06:03	
m,p-Xylenes	0.20 U	5.0	0.20	1	07/06/19 06:03	
n-Butylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:03	
n-Propylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:03	
o-Xylene	0.20 U	5.0	0.20	1	07/06/19 06:03	
sec-Butylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:03	
tert-Butylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:03	
trans-1,2-Dichloroethene	0.20 U	5.0	0.20	1	07/06/19 06:03	
trans-1,3-Dichloropropene	0.23 U	5.0	0.23	1	07/06/19 06:03	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	88	85 - 122	07/06/19 06:03	
Dibromofluoromethane	95	89 - 119	07/06/19 06:03	
Toluene-d8	96	87 - 121	07/06/19 06:03	

ALS Group USA, Corp.
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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 15:32
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R1906192-004	**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)	0.21 U	5.0	0.21	1	07/06/19 06:25	
1,1,2,2-Tetrachloroethane	0.20 U	5.0	0.20	1	07/06/19 06:25	
1,1,2-Trichloroethane	0.20 U	5.0	0.20	1	07/06/19 06:25	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20 U	5.0	0.20	1	07/06/19 06:25	
1,1-Dichloroethane (1,1-DCA)	0.20 U	5.0	0.20	1	07/06/19 06:25	
1,1-Dichloroethene (1,1-DCE)	0.25 U	5.0	0.25	1	07/06/19 06:25	
1,2,3-Trichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 06:25	
1,2,4-Trichlorobenzene	0.25 U	5.0	0.25	1	07/06/19 06:25	
1,2,4-Trimethylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:25	
1,2-Dibromo-3-chloropropane (DBCP)	0.45 U	5.0	0.45	1	07/06/19 06:25	
1,2-Dibromoethane	0.20 U	5.0	0.20	1	07/06/19 06:25	
1,2-Dichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 06:25	
1,2-Dichloroethane	0.20 U	5.0	0.20	1	07/06/19 06:25	
1,2-Dichloropropane	0.20 U	5.0	0.20	1	07/06/19 06:25	
1,3,5-Trimethylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:25	
1,3-Dichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 06:25	
1,4-Dichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 06:25	
1,4-Dioxane	13 U	100	13	1	07/06/19 06:25	
2-Butanone (MEK)	0.78 U	10	0.78	1	07/06/19 06:25	
2-Hexanone	0.20 U	10	0.20	1	07/06/19 06:25	
4-Isopropyltoluene	0.20 U	5.0	0.20	1	07/06/19 06:25	
4-Methyl-2-pentanone	0.20 U	10	0.20	1	07/06/19 06:25	
Acetone	2.1 U	10	2.1	1	07/06/19 06:25	
Benzene	0.20 U	5.0	0.20	1	07/06/19 06:25	
Bromochloromethane	0.24 U	5.0	0.24	1	07/06/19 06:25	
Bromodichloromethane	0.22 U	5.0	0.22	1	07/06/19 06:25	
Bromoform	0.25 U	5.0	0.25	1	07/06/19 06:25	
Bromomethane	0.70 U	5.0	0.70	1	07/06/19 06:25	
Carbon Disulfide	0.25 U	10	0.25	1	07/06/19 06:25	
Carbon Tetrachloride	0.34 U	5.0	0.34	1	07/06/19 06:25	
Chlorobenzene	0.20 U	5.0	0.20	1	07/06/19 06:25	
Chloroethane	0.23 U	5.0	0.23	1	07/06/19 06:25	
Chloroform	0.24 U	5.0	0.24	1	07/06/19 06:25	
Chloromethane	0.28 U	5.0	0.28	1	07/06/19 06:25	
Cyclohexane	0.26 U	10	0.26	1	07/06/19 06:25	
Dibromochloromethane	0.20 U	5.0	0.20	1	07/06/19 06:25	
Dichlorodifluoromethane (CFC 12)	0.21 U	5.0	0.21	1	07/06/19 06:25	
Dichloromethane	0.36 U	5.0	0.36	1	07/06/19 06:25	
Ethylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:25	
Isopropylbenzene (Cumene)	0.20 U	5.0	0.20	1	07/06/19 06:25	
Methyl Acetate	0.33 U	10	0.33	1	07/06/19 06:25	
Methyl tert-Butyl Ether	0.20 U	5.0	0.20	1	07/06/19 06:25	
Methylcyclohexane	0.20 U	10	0.20	1	07/06/19 06:25	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 15:32
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R1906192-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Styrene	0.20 U	5.0	0.20	1	07/06/19 06:25	
Tetrachloroethene (PCE)	0.21 U	5.0	0.21	1	07/06/19 06:25	
Toluene	0.20 U	5.0	0.20	1	07/06/19 06:25	
Trichloroethene (TCE)	0.20 U	5.0	0.20	1	07/06/19 06:25	
Trichlorofluoromethane (CFC 11)	0.24 U	5.0	0.24	1	07/06/19 06:25	
Vinyl Chloride	0.20 U	5.0	0.20	1	07/06/19 06:25	
cis-1,2-Dichloroethene	0.23 U	5.0	0.23	1	07/06/19 06:25	
cis-1,3-Dichloropropene	0.20 U	5.0	0.20	1	07/06/19 06:25	
m,p-Xylenes	0.20 U	5.0	0.20	1	07/06/19 06:25	
n-Butylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:25	
n-Propylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:25	
o-Xylene	0.20 U	5.0	0.20	1	07/06/19 06:25	
sec-Butylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:25	
tert-Butylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:25	
trans-1,2-Dichloroethene	0.20 U	5.0	0.20	1	07/06/19 06:25	
trans-1,3-Dichloropropene	0.23 U	5.0	0.23	1	07/06/19 06:25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	91	85 - 122	07/06/19 06:25	
Dibromofluoromethane	96	89 - 119	07/06/19 06:25	
Toluene-d8	97	87 - 121	07/06/19 06:25	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 16:15
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	EB-YSI	**Units:**	ug/L
Lab Code:	R1906192-005	**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)	0.21 U	5.0	0.21	1	07/06/19 06:47	
1,1,2,2-Tetrachloroethane	0.20 U	5.0	0.20	1	07/06/19 06:47	
1,1,2-Trichloroethane	0.20 U	5.0	0.20	1	07/06/19 06:47	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20 U	5.0	0.20	1	07/06/19 06:47	
1,1-Dichloroethane (1,1-DCA)	0.20 U	5.0	0.20	1	07/06/19 06:47	
1,1-Dichloroethene (1,1-DCE)	0.25 U	5.0	0.25	1	07/06/19 06:47	
1,2,3-Trichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 06:47	
1,2,4-Trichlorobenzene	0.25 U	5.0	0.25	1	07/06/19 06:47	
1,2,4-Trimethylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:47	
1,2-Dibromo-3-chloropropane (DBCP)	0.45 U	5.0	0.45	1	07/06/19 06:47	
1,2-Dibromoethane	0.20 U	5.0	0.20	1	07/06/19 06:47	
1,2-Dichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 06:47	
1,2-Dichloroethane	0.20 U	5.0	0.20	1	07/06/19 06:47	
1,2-Dichloropropane	0.20 U	5.0	0.20	1	07/06/19 06:47	
1,3,5-Trimethylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:47	
1,3-Dichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 06:47	
1,4-Dichlorobenzene	0.20 U	5.0	0.20	1	07/06/19 06:47	
1,4-Dioxane	13 U	100	13	1	07/06/19 06:47	
2-Butanone (MEK)	0.78 U	10	0.78	1	07/06/19 06:47	
2-Hexanone	0.20 U	10	0.20	1	07/06/19 06:47	
4-Isopropyltoluene	0.20 U	5.0	0.20	1	07/06/19 06:47	
4-Methyl-2-pentanone	0.20 U	10	0.20	1	07/06/19 06:47	
Acetone	2.1 U	10	2.1	1	07/06/19 06:47	
Benzene	0.20 U	5.0	0.20	1	07/06/19 06:47	
Bromochloromethane	0.24 U	5.0	0.24	1	07/06/19 06:47	
Bromodichloromethane	0.22 U	5.0	0.22	1	07/06/19 06:47	
Bromoform	0.25 U	5.0	0.25	1	07/06/19 06:47	
Bromomethane	0.70 U	5.0	0.70	1	07/06/19 06:47	
Carbon Disulfide	0.25 U	10	0.25	1	07/06/19 06:47	
Carbon Tetrachloride	0.34 U	5.0	0.34	1	07/06/19 06:47	
Chlorobenzene	0.20 U	5.0	0.20	1	07/06/19 06:47	
Chloroethane	0.23 U	5.0	0.23	1	07/06/19 06:47	
Chloroform	0.24 U	5.0	0.24	1	07/06/19 06:47	
Chloromethane	0.28 U	5.0	0.28	1	07/06/19 06:47	
Cyclohexane	0.26 U	10	0.26	1	07/06/19 06:47	
Dibromochloromethane	0.20 U	5.0	0.20	1	07/06/19 06:47	
Dichlorodifluoromethane (CFC 12)	0.21 U	5.0	0.21	1	07/06/19 06:47	
Dichloromethane	0.36 U	5.0	0.36	1	07/06/19 06:47	
Ethylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:47	
Isopropylbenzene (Cumene)	0.20 U	5.0	0.20	1	07/06/19 06:47	
Methyl Acetate	0.33 U	10	0.33	1	07/06/19 06:47	
Methyl tert-Butyl Ether	0.20 U	5.0	0.20	1	07/06/19 06:47	
Methylcyclohexane	0.20 U	10	0.20	1	07/06/19 06:47	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 16:15
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	EB-YSI	**Units:**	ug/L
Lab Code:	R1906192-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Styrene	0.20 U	5.0	0.20	1	07/06/19 06:47	
Tetrachloroethene (PCE)	0.21 U	5.0	0.21	1	07/06/19 06:47	
Toluene	0.20 U	5.0	0.20	1	07/06/19 06:47	
Trichloroethene (TCE)	0.20 U	5.0	0.20	1	07/06/19 06:47	
Trichlorofluoromethane (CFC 11)	0.24 U	5.0	0.24	1	07/06/19 06:47	
Vinyl Chloride	0.20 U	5.0	0.20	1	07/06/19 06:47	
cis-1,2-Dichloroethene	0.23 U	5.0	0.23	1	07/06/19 06:47	
cis-1,3-Dichloropropene	0.20 U	5.0	0.20	1	07/06/19 06:47	
m,p-Xylenes	0.20 U	5.0	0.20	1	07/06/19 06:47	
n-Butylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:47	
n-Propylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:47	
o-Xylene	0.20 U	5.0	0.20	1	07/06/19 06:47	
sec-Butylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:47	
tert-Butylbenzene	0.20 U	5.0	0.20	1	07/06/19 06:47	
trans-1,2-Dichloroethene	0.20 U	5.0	0.20	1	07/06/19 06:47	
trans-1,3-Dichloropropene	0.23 U	5.0	0.23	1	07/06/19 06:47	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	90	85 - 122	07/06/19 06:47	
Dibromofluoromethane	95	89 - 119	07/06/19 06:47	
Toluene-d8	98	87 - 121	07/06/19 06:47	

Semivolatile Organic Compounds by GC/MS

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 11:15
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	RW-1	**Units:**	ug/L
Lab Code:	R1906192-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	
2,3,4,6-Tetrachlorophenol	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	
2,4,5-Trichlorophenol	5.5 U	47	5.5	5	07/18/19 14:52	7/9/19	
2,4,6-Trichlorophenol	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	
2,4-Dichlorophenol	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	
2,4-Dimethylphenol	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	
2,4-Dinitrophenol	35 U	240	35	5	07/18/19 14:52	7/9/19	
2,4-Dinitrotoluene	14 U	47	14	5	07/18/19 14:52	7/9/19	
2,6-Dinitrotoluene	7.5 U	47	7.5	5	07/18/19 14:52	7/9/19	
2-Chloronaphthalene	5.5 U	47	5.5	5	07/18/19 14:52	7/9/19	
2-Chlorophenol	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	
2-Methylnaphthalene	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	
2-Methylphenol	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	
2-Nitroaniline	12 U	240	12	5	07/18/19 14:52	7/9/19	
2-Nitrophenol	7.5 U	47	7.5	5	07/18/19 14:52	7/9/19	
3,3'-Dichlorobenzidine	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	
3- and 4-Methylphenol Coelution	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	
3-Nitroaniline	9.0 U	240	9.0	5	07/18/19 14:52	7/9/19	
4,6-Dinitro-2-methylphenol	19 U	240	19	5	07/18/19 14:52	7/9/19	
4-Bromophenyl Phenyl Ether	7.0 U	47	7.0	5	07/18/19 14:52	7/9/19	
4-Chloro-3-methylphenol	5.5 U	47	5.5	5	07/18/19 14:52	7/9/19	
4-Chloroaniline	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	
4-Chlorophenyl Phenyl Ether	6.0 U	47	6.0	5	07/18/19 14:52	7/9/19	
4-Nitroaniline	9.5 U	240	9.5	5	07/18/19 14:52	7/9/19	
4-Nitrophenol	15 U	240	15	5	07/18/19 14:52	7/9/19	
Acenaphthene	8.0 U	47	8.0	5	07/18/19 14:52	7/9/19	
Acenaphthylene	6.5 U	47	6.5	5	07/18/19 14:52	7/9/19	
Acetophenone	6.5 U	47	6.5	5	07/18/19 14:52	7/9/19	
Anthracene	7.0 U	47	7.0	5	07/18/19 14:52	7/9/19	
Atrazine	6.5 U	47	6.5	5	07/18/19 14:52	7/9/19	
Benz(a)anthracene	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	
Benzaldehyde	5.5 U	240	5.5	5	07/18/19 14:52	7/9/19	
Benzo(a)pyrene	6.5 U	47	6.5	5	07/18/19 14:52	7/9/19	
Benzo(b)fluoranthene	6.5 U	47	6.5	5	07/18/19 14:52	7/9/19	
Benzo(g,h,i)perylene	7.5 U	47	7.5	5	07/18/19 14:52	7/9/19	
Benzo(k)fluoranthene	7.5 U	47	7.5	5	07/18/19 14:52	7/9/19	
Biphenyl	9.5 U	47	9.5	5	07/18/19 14:52	7/9/19	
2,2'-Oxybis(1-chloropropane)	7.0 U	47	7.0	5	07/18/19 14:52	7/9/19	
Bis(2-chloroethoxy)methane	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	
Bis(2-chloroethyl) Ether	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	
Bis(2-ethylhexyl) Phthalate	**490**	49	49	5	07/18/19 14:52	7/9/19	
Butyl Benzyl Phthalate	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	
Caprolactam	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 11:15
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	RW-1	**Units:**	ug/L
Lab Code:	R1906192-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	6.5 U	47	6.5	5	07/18/19 14:52	7/9/19	
Chrysene	7.5 U	47	7.5	5	07/18/19 14:52	7/9/19	
Di-n-butyl Phthalate	5.5 U	47	5.5	5	07/18/19 14:52	7/9/19	
Di-n-octyl Phthalate	9.0 U	47	9.0	5	07/18/19 14:52	7/9/19	
Dibenz(a,h)anthracene	7.0 U	47	7.0	5	07/18/19 14:52	7/9/19	
Dibenzofuran	6.5 U	47	6.5	5	07/18/19 14:52	7/9/19	
Diethyl Phthalate	6.0 U	47	6.0	5	07/18/19 14:52	7/9/19	
Dimethyl Phthalate	7.5 U	47	7.5	5	07/18/19 14:52	7/9/19	
Fluoranthene	7.0 U	47	7.0	5	07/18/19 14:52	7/9/19	
Fluorene	8.0 U	47	8.0	5	07/18/19 14:52	7/9/19	
Hexachlorobenzene	7.0 U	47	7.0	5	07/18/19 14:52	7/9/19	
Hexachlorobutadiene	5.5 U	47	5.5	5	07/18/19 14:52	7/9/19	
Hexachlorocyclopentadiene	7.5 U	47	7.5	5	07/18/19 14:52	7/9/19	
Hexachloroethane	6.0 U	47	6.0	5	07/18/19 14:52	7/9/19	
Indeno(1,2,3-cd)pyrene	7.0 U	47	7.0	5	07/18/19 14:52	7/9/19	
Isophorone	6.0 U	47	6.0	5	07/18/19 14:52	7/9/19	
N-Nitrosodi-n-propylamine	10 U	47	10	5	07/18/19 14:52	7/9/19	
N-Nitrosodiphenylamine	24 U	47	24	5	07/18/19 14:52	7/9/19	
Naphthalene	5.5 U	47	5.5	5	07/18/19 14:52	7/9/19	
Nitrobenzene	5.0 U	47	5.0	5	07/18/19 14:52	7/9/19	
Pentachlorophenol (PCP)	30 U	240	30	5	07/18/19 14:52	7/9/19	
Phenanthrene	8.0 U	47	8.0	5	07/18/19 14:52	7/9/19	
Phenol	15 U	47	15	5	07/18/19 14:52	7/9/19	
Pyrene	9.0 U	47	9.0	5	07/18/19 14:52	7/9/19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	89	35 - 141	07/18/19 14:52	
2-Fluorobiphenyl	80	31 - 118	07/18/19 14:52	
2-Fluorophenol	34	10 - 105	07/18/19 14:52	
Nitrobenzene-d5	78	31 - 110	07/18/19 14:52	
Phenol-d6	20	10 - 107	07/18/19 14:52	
Terphenyl-d14	61	10 - 165	07/18/19 14:52	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 12:52
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	MW-5	**Units:**	ug/L
Lab Code:	R1906192-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
2,3,4,6-Tetrachlorophenol	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
2,4,5-Trichlorophenol	1.1 U	9.4	1.1	1	07/16/19 02:01	7/9/19	
2,4,6-Trichlorophenol	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
2,4-Dichlorophenol	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
2,4-Dimethylphenol	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
2,4-Dinitrophenol	7.0 U	47	7.0	1	07/16/19 02:01	7/9/19	
2,4-Dinitrotoluene	2.7 U	9.4	2.7	1	07/16/19 02:01	7/9/19	
2,6-Dinitrotoluene	1.5 U	9.4	1.5	1	07/16/19 02:01	7/9/19	
2-Chloronaphthalene	1.1 U	9.4	1.1	1	07/16/19 02:01	7/9/19	
2-Chlorophenol	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
2-Methylnaphthalene	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
2-Methylphenol	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
2-Nitroaniline	2.4 U	47	2.4	1	07/16/19 02:01	7/9/19	
2-Nitrophenol	1.5 U	9.4	1.5	1	07/16/19 02:01	7/9/19	
3,3'-Dichlorobenzidine	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
3- and 4-Methylphenol Coelution	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
3-Nitroaniline	1.8 U	47	1.8	1	07/16/19 02:01	7/9/19	
4,6-Dinitro-2-methylphenol	3.7 U	47	3.7	1	07/16/19 02:01	7/9/19	
4-Bromophenyl Phenyl Ether	1.4 U	9.4	1.4	1	07/16/19 02:01	7/9/19	
4-Chloro-3-methylphenol	1.1 U	9.4	1.1	1	07/16/19 02:01	7/9/19	
4-Chloroaniline	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
4-Chlorophenyl Phenyl Ether	1.2 U	9.4	1.2	1	07/16/19 02:01	7/9/19	
4-Nitroaniline	1.9 U	47	1.9	1	07/16/19 02:01	7/9/19	
4-Nitrophenol	3.0 U	47	3.0	1	07/16/19 02:01	7/9/19	
Acenaphthene	1.6 U	9.4	1.6	1	07/16/19 02:01	7/9/19	
Acenaphthylene	1.3 U	9.4	1.3	1	07/16/19 02:01	7/9/19	
Acetophenone	1.3 U	9.4	1.3	1	07/16/19 02:01	7/9/19	
Anthracene	1.4 U	9.4	1.4	1	07/16/19 02:01	7/9/19	
Atrazine	1.3 U	9.4	1.3	1	07/16/19 02:01	7/9/19	
Benz(a)anthracene	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
Benzaldehyde	1.1 U	47	1.1	1	07/16/19 02:01	7/9/19	
Benzo(a)pyrene	1.3 U	9.4	1.3	1	07/16/19 02:01	7/9/19	
Benzo(b)fluoranthene	1.3 U	9.4	1.3	1	07/16/19 02:01	7/9/19	
Benzo(g,h,i)perylene	1.5 U	9.4	1.5	1	07/16/19 02:01	7/9/19	
Benzo(k)fluoranthene	1.5 U	9.4	1.5	1	07/16/19 02:01	7/9/19	
Biphenyl	1.9 U	9.4	1.9	1	07/16/19 02:01	7/9/19	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.4	1.4	1	07/16/19 02:01	7/9/19	
Bis(2-chloroethoxy)methane	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
Bis(2-chloroethyl) Ether	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
Bis(2-ethylhexyl) Phthalate	9.7 U	9.7	9.7	1	07/16/19 02:01	7/9/19	
Butyl Benzyl Phthalate	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
Caprolactam	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 12:52
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	MW-5	**Units:**	ug/L
Lab Code:	R1906192-002	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	1.3 U	9.4	1.3	1	07/16/19 02:01	7/9/19	
Chrysene	1.5 U	9.4	1.5	1	07/16/19 02:01	7/9/19	
Di-n-butyl Phthalate	1.1 U	9.4	1.1	1	07/16/19 02:01	7/9/19	
Di-n-octyl Phthalate	1.8 U	9.4	1.8	1	07/16/19 02:01	7/9/19	
Dibenz(a,h)anthracene	1.4 U	9.4	1.4	1	07/16/19 02:01	7/9/19	
Dibenzofuran	1.3 U	9.4	1.3	1	07/16/19 02:01	7/9/19	
Diethyl Phthalate	1.2 U	9.4	1.2	1	07/16/19 02:01	7/9/19	
Dimethyl Phthalate	1.5 U	9.4	1.5	1	07/16/19 02:01	7/9/19	
Fluoranthene	1.4 U	9.4	1.4	1	07/16/19 02:01	7/9/19	
Fluorene	1.6 U	9.4	1.6	1	07/16/19 02:01	7/9/19	
Hexachlorobenzene	1.4 U	9.4	1.4	1	07/16/19 02:01	7/9/19	
Hexachlorobutadiene	1.1 U	9.4	1.1	1	07/16/19 02:01	7/9/19	
Hexachlorocyclopentadiene	1.5 U	9.4	1.5	1	07/16/19 02:01	7/9/19	
Hexachloroethane	1.2 U	9.4	1.2	1	07/16/19 02:01	7/9/19	
Indeno(1,2,3-cd)pyrene	1.4 U	9.4	1.4	1	07/16/19 02:01	7/9/19	
Isophorone	1.2 U	9.4	1.2	1	07/16/19 02:01	7/9/19	
N-Nitrosodi-n-propylamine	2.0 U	9.4	2.0	1	07/16/19 02:01	7/9/19	
N-Nitrosodiphenylamine	4.7 U	9.4	4.7	1	07/16/19 02:01	7/9/19	
Naphthalene	1.1 U	9.4	1.1	1	07/16/19 02:01	7/9/19	
Nitrobenzene	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
Pentachlorophenol (PCP)	6.0 U	47	6.0	1	07/16/19 02:01	7/9/19	
Phenanthrene	1.6 U	9.4	1.6	1	07/16/19 02:01	7/9/19	
Phenol	1.0 U	9.4	1.0	1	07/16/19 02:01	7/9/19	
Pyrene	1.8 U	9.4	1.8	1	07/16/19 02:01	7/9/19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	85	35 - 141	07/16/19 02:01	
2-Fluorobiphenyl	75	31 - 118	07/16/19 02:01	
2-Fluorophenol	39	10 - 105	07/16/19 02:01	
Nitrobenzene-d5	72	31 - 110	07/16/19 02:01	
Phenol-d6	24	10 - 107	07/16/19 02:01	
Terphenyl-d14	38	10 - 165	07/16/19 02:01	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 13:56
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	MW-6	**Units:**	ug/L
Lab Code:	R1906192-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
2,3,4,6-Tetrachlorophenol	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
2,4,5-Trichlorophenol	1.1 U	9.4	1.1	1	07/16/19 13:50	7/9/19	
2,4,6-Trichlorophenol	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
2,4-Dichlorophenol	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
2,4-Dimethylphenol	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
2,4-Dinitrophenol	7.0 U	47	7.0	1	07/16/19 13:50	7/9/19	
2,4-Dinitrotoluene	2.7 U	9.4	2.7	1	07/16/19 13:50	7/9/19	
2,6-Dinitrotoluene	1.5 U	9.4	1.5	1	07/16/19 13:50	7/9/19	
2-Chloronaphthalene	1.1 U	9.4	1.1	1	07/16/19 13:50	7/9/19	
2-Chlorophenol	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
2-Methylnaphthalene	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
2-Methylphenol	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
2-Nitroaniline	2.4 U	47	2.4	1	07/16/19 13:50	7/9/19	
2-Nitrophenol	1.5 U	9.4	1.5	1	07/16/19 13:50	7/9/19	
3,3'-Dichlorobenzidine	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
3- and 4-Methylphenol Coelution	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
3-Nitroaniline	1.8 U	47	1.8	1	07/16/19 13:50	7/9/19	
4,6-Dinitro-2-methylphenol	3.7 U	47	3.7	1	07/16/19 13:50	7/9/19	
4-Bromophenyl Phenyl Ether	1.4 U	9.4	1.4	1	07/16/19 13:50	7/9/19	
4-Chloro-3-methylphenol	1.1 U	9.4	1.1	1	07/16/19 13:50	7/9/19	
4-Chloroaniline	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
4-Chlorophenyl Phenyl Ether	1.2 U	9.4	1.2	1	07/16/19 13:50	7/9/19	
4-Nitroaniline	1.9 U	47	1.9	1	07/16/19 13:50	7/9/19	
4-Nitrophenol	3.0 U	47	3.0	1	07/16/19 13:50	7/9/19	
Acenaphthene	1.6 U	9.4	1.6	1	07/16/19 13:50	7/9/19	
Acenaphthylene	1.3 U	9.4	1.3	1	07/16/19 13:50	7/9/19	
Acetophenone	1.3 U	9.4	1.3	1	07/16/19 13:50	7/9/19	
Anthracene	1.4 U	9.4	1.4	1	07/16/19 13:50	7/9/19	
Atrazine	1.3 U	9.4	1.3	1	07/16/19 13:50	7/9/19	
Benz(a)anthracene	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
Benzaldehyde	1.1 U	47	1.1	1	07/16/19 13:50	7/9/19	
Benzo(a)pyrene	1.3 U	9.4	1.3	1	07/16/19 13:50	7/9/19	
Benzo(b)fluoranthene	1.3 U	9.4	1.3	1	07/16/19 13:50	7/9/19	
Benzo(g,h,i)perylene	1.5 U	9.4	1.5	1	07/16/19 13:50	7/9/19	
Benzo(k)fluoranthene	1.5 U	9.4	1.5	1	07/16/19 13:50	7/9/19	
Biphenyl	1.9 U	9.4	1.9	1	07/16/19 13:50	7/9/19	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.4	1.4	1	07/16/19 13:50	7/9/19	
Bis(2-chloroethoxy)methane	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
Bis(2-chloroethyl) Ether	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
Bis(2-ethylhexyl) Phthalate	9.7 U	9.7	9.7	1	07/16/19 13:50	7/9/19	
Butyl Benzyl Phthalate	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
Caprolactam	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 13:56
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	MW-6	**Units:**	ug/L
Lab Code:	R1906192-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	1.3 U	9.4	1.3	1	07/16/19 13:50	7/9/19	
Chrysene	1.5 U	9.4	1.5	1	07/16/19 13:50	7/9/19	
Di-n-butyl Phthalate	1.1 U	9.4	1.1	1	07/16/19 13:50	7/9/19	
Di-n-octyl Phthalate	1.8 U	9.4	1.8	1	07/16/19 13:50	7/9/19	
Dibenz(a,h)anthracene	1.4 U	9.4	1.4	1	07/16/19 13:50	7/9/19	
Dibenzofuran	1.3 U	9.4	1.3	1	07/16/19 13:50	7/9/19	
Diethyl Phthalate	1.2 U	9.4	1.2	1	07/16/19 13:50	7/9/19	
Dimethyl Phthalate	1.5 U	9.4	1.5	1	07/16/19 13:50	7/9/19	
Fluoranthene	1.4 U	9.4	1.4	1	07/16/19 13:50	7/9/19	
Fluorene	1.6 U	9.4	1.6	1	07/16/19 13:50	7/9/19	
Hexachlorobenzene	1.4 U	9.4	1.4	1	07/16/19 13:50	7/9/19	
Hexachlorobutadiene	1.1 U	9.4	1.1	1	07/16/19 13:50	7/9/19	
Hexachlorocyclopentadiene	1.5 U	9.4	1.5	1	07/16/19 13:50	7/9/19	
Hexachloroethane	1.2 U	9.4	1.2	1	07/16/19 13:50	7/9/19	
Indeno(1,2,3-cd)pyrene	1.4 U	9.4	1.4	1	07/16/19 13:50	7/9/19	
Isophorone	1.2 U	9.4	1.2	1	07/16/19 13:50	7/9/19	
N-Nitrosodi-n-propylamine	2.0 U	9.4	2.0	1	07/16/19 13:50	7/9/19	
N-Nitrosodiphenylamine	4.7 U	9.4	4.7	1	07/16/19 13:50	7/9/19	
Naphthalene	1.1 U	9.4	1.1	1	07/16/19 13:50	7/9/19	
Nitrobenzene	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
Pentachlorophenol (PCP)	6.0 U	47	6.0	1	07/16/19 13:50	7/9/19	
Phenanthrene	1.6 U	9.4	1.6	1	07/16/19 13:50	7/9/19	
Phenol	1.0 U	9.4	1.0	1	07/16/19 13:50	7/9/19	
Pyrene	1.8 U	9.4	1.8	1	07/16/19 13:50	7/9/19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	92	35 - 141	07/16/19 13:50	
2-Fluorobiphenyl	81	31 - 118	07/16/19 13:50	
2-Fluorophenol	45	10 - 105	07/16/19 13:50	
Nitrobenzene-d5	79	31 - 110	07/16/19 13:50	
Phenol-d6	28	10 - 107	07/16/19 13:50	
Terphenyl-d14	60	10 - 165	07/16/19 13:50	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 15:32
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R1906192-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
2,3,4,6-Tetrachlorophenol	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
2,4,5-Trichlorophenol	1.1 U	9.4	1.1	1	07/16/19 14:19	7/9/19	
2,4,6-Trichlorophenol	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
2,4-Dichlorophenol	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
2,4-Dimethylphenol	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
2,4-Dinitrophenol	7.0 U	47	7.0	1	07/16/19 14:19	7/9/19	
2,4-Dinitrotoluene	2.7 U	9.4	2.7	1	07/16/19 14:19	7/9/19	
2,6-Dinitrotoluene	1.5 U	9.4	1.5	1	07/16/19 14:19	7/9/19	
2-Chloronaphthalene	1.1 U	9.4	1.1	1	07/16/19 14:19	7/9/19	
2-Chlorophenol	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
2-Methylnaphthalene	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
2-Methylphenol	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
2-Nitroaniline	2.4 U	47	2.4	1	07/16/19 14:19	7/9/19	
2-Nitrophenol	1.5 U	9.4	1.5	1	07/16/19 14:19	7/9/19	
3,3'-Dichlorobenzidine	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
3- and 4-Methylphenol Coelution	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
3-Nitroaniline	1.8 U	47	1.8	1	07/16/19 14:19	7/9/19	
4,6-Dinitro-2-methylphenol	3.7 U	47	3.7	1	07/16/19 14:19	7/9/19	
4-Bromophenyl Phenyl Ether	1.4 U	9.4	1.4	1	07/16/19 14:19	7/9/19	
4-Chloro-3-methylphenol	1.1 U	9.4	1.1	1	07/16/19 14:19	7/9/19	
4-Chloroaniline	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
4-Chlorophenyl Phenyl Ether	1.2 U	9.4	1.2	1	07/16/19 14:19	7/9/19	
4-Nitroaniline	1.9 U	47	1.9	1	07/16/19 14:19	7/9/19	
4-Nitrophenol	3.0 U	47	3.0	1	07/16/19 14:19	7/9/19	
Acenaphthene	1.6 U	9.4	1.6	1	07/16/19 14:19	7/9/19	
Acenaphthylene	1.3 U	9.4	1.3	1	07/16/19 14:19	7/9/19	
Acetophenone	1.3 U	9.4	1.3	1	07/16/19 14:19	7/9/19	
Anthracene	1.4 U	9.4	1.4	1	07/16/19 14:19	7/9/19	
Atrazine	1.3 U	9.4	1.3	1	07/16/19 14:19	7/9/19	
Benz(a)anthracene	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
Benzaldehyde	1.1 U	47	1.1	1	07/16/19 14:19	7/9/19	
Benzo(a)pyrene	1.3 U	9.4	1.3	1	07/16/19 14:19	7/9/19	
Benzo(b)fluoranthene	1.3 U	9.4	1.3	1	07/16/19 14:19	7/9/19	
Benzo(g,h,i)perylene	1.5 U	9.4	1.5	1	07/16/19 14:19	7/9/19	
Benzo(k)fluoranthene	1.5 U	9.4	1.5	1	07/16/19 14:19	7/9/19	
Biphenyl	1.9 U	9.4	1.9	1	07/16/19 14:19	7/9/19	
2,2'-Oxybis(1-chloropropane)	1.4 U	9.4	1.4	1	07/16/19 14:19	7/9/19	
Bis(2-chloroethoxy)methane	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
Bis(2-chloroethyl) Ether	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
Bis(2-ethylhexyl) Phthalate	9.7 U	9.7	9.7	1	07/16/19 14:19	7/9/19	
Butyl Benzyl Phthalate	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
Caprolactam	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	07/02/19 15:32
Sample Matrix:	Water	**Date Received:**	07/02/19 18:25
Sample Name:	MW-4	**Units:**	ug/L
Lab Code:	R1906192-004	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	1.3 U	9.4	1.3	1	07/16/19 14:19	7/9/19	
Chrysene	1.5 U	9.4	1.5	1	07/16/19 14:19	7/9/19	
Di-n-butyl Phthalate	1.1 U	9.4	1.1	1	07/16/19 14:19	7/9/19	
Di-n-octyl Phthalate	1.8 U	9.4	1.8	1	07/16/19 14:19	7/9/19	
Dibenz(a,h)anthracene	1.4 U	9.4	1.4	1	07/16/19 14:19	7/9/19	
Dibenzofuran	1.3 U	9.4	1.3	1	07/16/19 14:19	7/9/19	
Diethyl Phthalate	1.2 U	9.4	1.2	1	07/16/19 14:19	7/9/19	
Dimethyl Phthalate	1.5 U	9.4	1.5	1	07/16/19 14:19	7/9/19	
Fluoranthene	1.4 U	9.4	1.4	1	07/16/19 14:19	7/9/19	
Fluorene	1.6 U	9.4	1.6	1	07/16/19 14:19	7/9/19	
Hexachlorobenzene	1.4 U	9.4	1.4	1	07/16/19 14:19	7/9/19	
Hexachlorobutadiene	1.1 U	9.4	1.1	1	07/16/19 14:19	7/9/19	
Hexachlorocyclopentadiene	1.5 U	9.4	1.5	1	07/16/19 14:19	7/9/19	
Hexachloroethane	1.2 U	9.4	1.2	1	07/16/19 14:19	7/9/19	
Indeno(1,2,3-cd)pyrene	1.4 U	9.4	1.4	1	07/16/19 14:19	7/9/19	
Isophorone	1.2 U	9.4	1.2	1	07/16/19 14:19	7/9/19	
N-Nitrosodi-n-propylamine	2.0 U	9.4	2.0	1	07/16/19 14:19	7/9/19	
N-Nitrosodiphenylamine	4.7 U	9.4	4.7	1	07/16/19 14:19	7/9/19	
Naphthalene	1.1 U	9.4	1.1	1	07/16/19 14:19	7/9/19	
Nitrobenzene	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
Pentachlorophenol (PCP)	6.0 U	47	6.0	1	07/16/19 14:19	7/9/19	
Phenanthrene	1.6 U	9.4	1.6	1	07/16/19 14:19	7/9/19	
Phenol	1.0 U	9.4	1.0	1	07/16/19 14:19	7/9/19	
Pyrene	1.8 U	9.4	1.8	1	07/16/19 14:19	7/9/19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	87	35 - 141	07/16/19 14:19	
2-Fluorobiphenyl	79	31 - 118	07/16/19 14:19	
2-Fluorophenol	39	10 - 105	07/16/19 14:19	
Nitrobenzene-d5	76	31 - 110	07/16/19 14:19	
Phenol-d6	24	10 - 107	07/16/19 14:19	
Terphenyl-d14	60	10 - 165	07/16/19 14:19	

QC Summary Forms

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Volatile Organic Compounds by GC/MS

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QA/QC Report

Client: Day Environmental, Inc. **Service Request:** R1906192
Project: Manche/5474S-18
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 89-119	Toluene-d8 87-121
RW-1	R1906192-001	92	97	98
MW-5	R1906192-002	90	95	97
MW-6	R1906192-003	88	95	96
MW-4	R1906192-004	91	96	97
EB-YSI	R1906192-005	90	95	98
Method Blank	RQ1906864-04	90	93	97
Lab Control Sample	RQ1906864-03	91	97	98

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1906864-04	**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)	0.21 U	5.0	0.21	1	07/05/19 23:28	
1,1,2,2-Tetrachloroethane	0.20 U	5.0	0.20	1	07/05/19 23:28	
1,1,2-Trichloroethane	0.20 U	5.0	0.20	1	07/05/19 23:28	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20 U	5.0	0.20	1	07/05/19 23:28	
1,1-Dichloroethane (1,1-DCA)	0.20 U	5.0	0.20	1	07/05/19 23:28	
1,1-Dichloroethene (1,1-DCE)	0.25 U	5.0	0.25	1	07/05/19 23:28	
1,2,3-Trichlorobenzene	0.20 U	5.0	0.20	1	07/05/19 23:28	
1,2,4-Trichlorobenzene	0.25 U	5.0	0.25	1	07/05/19 23:28	
1,2,4-Trimethylbenzene	0.20 U	5.0	0.20	1	07/05/19 23:28	
1,2-Dibromo-3-chloropropane (DBCP)	0.45 U	5.0	0.45	1	07/05/19 23:28	
1,2-Dibromoethane	0.20 U	5.0	0.20	1	07/05/19 23:28	
1,2-Dichlorobenzene	0.20 U	5.0	0.20	1	07/05/19 23:28	
1,2-Dichloroethane	0.20 U	5.0	0.20	1	07/05/19 23:28	
1,2-Dichloropropane	0.20 U	5.0	0.20	1	07/05/19 23:28	
1,3,5-Trimethylbenzene	0.20 U	5.0	0.20	1	07/05/19 23:28	
1,3-Dichlorobenzene	0.20 U	5.0	0.20	1	07/05/19 23:28	
1,4-Dichlorobenzene	**0.20 J**	5.0	0.20	1	07/05/19 23:28	
1,4-Dioxane	13 U	100	13	1	07/05/19 23:28	
2-Butanone (MEK)	0.78 U	10	0.78	1	07/05/19 23:28	
2-Hexanone	0.20 U	10	0.20	1	07/05/19 23:28	
4-Isopropyltoluene	0.20 U	5.0	0.20	1	07/05/19 23:28	
4-Methyl-2-pentanone	0.20 U	10	0.20	1	07/05/19 23:28	
Acetone	**5.6 J**	10	2.1	1	07/05/19 23:28	
Benzene	0.20 U	5.0	0.20	1	07/05/19 23:28	
Bromochloromethane	0.24 U	5.0	0.24	1	07/05/19 23:28	
Bromodichloromethane	0.22 U	5.0	0.22	1	07/05/19 23:28	
Bromoform	0.25 U	5.0	0.25	1	07/05/19 23:28	
Bromomethane	0.70 U	5.0	0.70	1	07/05/19 23:28	
Carbon Disulfide	0.25 U	10	0.25	1	07/05/19 23:28	
Carbon Tetrachloride	0.34 U	5.0	0.34	1	07/05/19 23:28	
Chlorobenzene	0.20 U	5.0	0.20	1	07/05/19 23:28	
Chloroethane	0.23 U	5.0	0.23	1	07/05/19 23:28	
Chloroform	0.24 U	5.0	0.24	1	07/05/19 23:28	
Chloromethane	**0.37 J**	5.0	0.28	1	07/05/19 23:28	
Cyclohexane	0.26 U	10	0.26	1	07/05/19 23:28	
Dibromochloromethane	0.20 U	5.0	0.20	1	07/05/19 23:28	
Dichlorodifluoromethane (CFC 12)	0.21 U	5.0	0.21	1	07/05/19 23:28	
Dichloromethane	0.36 U	5.0	0.36	1	07/05/19 23:28	
Ethylbenzene	0.20 U	5.0	0.20	1	07/05/19 23:28	
Isopropylbenzene (Cumene)	0.20 U	5.0	0.20	1	07/05/19 23:28	
Methyl Acetate	0.33 U	10	0.33	1	07/05/19 23:28	
Methyl tert-Butyl Ether	0.20 U	5.0	0.20	1	07/05/19 23:28	
Methylcyclohexane	0.20 U	10	0.20	1	07/05/19 23:28	

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1906864-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Styrene	0.20 U	5.0	0.20	1	07/05/19 23:28	
Tetrachloroethene (PCE)	0.21 U	5.0	0.21	1	07/05/19 23:28	
Toluene	0.20 U	5.0	0.20	1	07/05/19 23:28	
Trichloroethene (TCE)	0.20 U	5.0	0.20	1	07/05/19 23:28	
Trichlorofluoromethane (CFC 11)	0.24 U	5.0	0.24	1	07/05/19 23:28	
Vinyl Chloride	0.20 U	5.0	0.20	1	07/05/19 23:28	
cis-1,2-Dichloroethene	0.23 U	5.0	0.23	1	07/05/19 23:28	
cis-1,3-Dichloropropene	0.20 U	5.0	0.20	1	07/05/19 23:28	
m,p-Xylenes	0.20 U	5.0	0.20	1	07/05/19 23:28	
n-Butylbenzene	0.20 U	5.0	0.20	1	07/05/19 23:28	
n-Propylbenzene	0.20 U	5.0	0.20	1	07/05/19 23:28	
o-Xylene	0.20 U	5.0	0.20	1	07/05/19 23:28	
sec-Butylbenzene	0.20 U	5.0	0.20	1	07/05/19 23:28	
tert-Butylbenzene	0.20 U	5.0	0.20	1	07/05/19 23:28	
trans-1,2-Dichloroethene	0.20 U	5.0	0.20	1	07/05/19 23:28	
trans-1,3-Dichloropropene	0.23 U	5.0	0.23	1	07/05/19 23:28	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	90	85 - 122	07/05/19 23:28	
Dibromofluoromethane	93	89 - 119	07/05/19 23:28	
Toluene-d8	97	87 - 121	07/05/19 23:28	

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QA/QC Report

Client: Day Environmental, Inc.
Project: Manche/5474S-18
Sample Matrix: Water

Service Request: R1906192
Date Analyzed: 07/05/19

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1906864-03

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	21.1	20.0	106	78-126
1,1,2-Trichloroethane	8260C	19.6	20.0	98	82-121
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	20.0	20.0	100	67-124
1,1-Dichloroethane (1,1-DCA)	8260C	19.1	20.0	95	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	20.1	20.0	100	71-118
1,2,3-Trichlorobenzene	8260C	21.3	20.0	106	67-136
1,2,4-Trichlorobenzene	8260C	20.3	20.0	102	75-132
1,2,4-Trimethylbenzene	8260C	20.9	20.0	105	81-126
1,2-Dibromo-3-chloropropane (DBCP)	8260C	18.7	20.0	94	55-136
1,2-Dibromoethane	8260C	20.5	20.0	103	82-127
1,2-Dichlorobenzene	8260C	19.6	20.0	98	80-119
1,2-Dichloroethane	8260C	17.9	20.0	90	71-127
1,2-Dichloropropane	8260C	19.8	20.0	99	80-119
1,3,5-Trimethylbenzene	8260C	20.2	20.0	101	81-128
1,3-Dichlorobenzene	8260C	20.0	20.0	100	83-121
1,4-Dichlorobenzene	8260C	20.6	20.0	103	79-119
1,4-Dioxane	8260C	403	400	101	44-154
2-Butanone (MEK)	8260C	17.5	20.0	88	61-137
2-Hexanone	8260C	18.9	20.0	94	63-124
4-Isopropyltoluene	8260C	20.8	20.0	104	78-133
4-Methyl-2-pentanone	8260C	18.7	20.0	93	66-124
Acetone	8260C	19.1	20.0	96	40-161
Benzene	8260C	20.2	20.0	101	79-119
Bromochloromethane	8260C	20.3	20.0	101	81-126
Bromodichloromethane	8260C	19.7	20.0	98	81-123
Bromoform	8260C	20.2	20.0	101	65-146
Bromomethane	8260C	23.6	20.0	118	42-166
Carbon Disulfide	8260C	17.5	20.0	88	66-128
Carbon Tetrachloride	8260C	20.5	20.0	102	70-127
Chlorobenzene	8260C	20.9	20.0	104	80-121
Chloroethane	8260C	18.6	20.0	93	62-131
Chloroform	8260C	18.5	20.0	92	79-120

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QA/QC Report

Client: Day Environmental, Inc.
Project: Manche/5474S-18
Sample Matrix: Water

Service Request: R1906192
Date Analyzed: 07/05/19

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1906864-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Chloromethane	8260C	20.5	20.0	103	65-135
Cyclohexane	8260C	16.8	20.0	84	69-120
Dibromochloromethane	8260C	21.6	20.0	108	72-128
Dichlorodifluoromethane (CFC 12)	8260C	20.7	20.0	104	59-155
Dichloromethane	8260C	18.6	20.0	93	73-122
Ethylbenzene	8260C	20.9	20.0	105	76-120
Isopropylbenzene (Cumene)	8260C	20.0	20.0	100	77-128
Methyl Acetate	8260C	16.2	20.0	81	40-112
Methyl tert-Butyl Ether	8260C	18.9	20.0	94	75-118
Methylcyclohexane	8260C	17.9	20.0	90	51-129
Styrene	8260C	21.7	20.0	109	80-124
Tetrachloroethene (PCE)	8260C	21.3	20.0	107	72-125
Toluene	8260C	20.1	20.0	100	79-119
Trichloroethene (TCE)	8260C	21.3	20.0	107	74-122
Trichlorofluoromethane (CFC 11)	8260C	19.3	20.0	97	71-136
Vinyl Chloride	8260C	21.8	20.0	109	74-159
cis-1,2-Dichloroethene	8260C	20.3	20.0	101	80-121
cis-1,3-Dichloropropene	8260C	20.2	20.0	101	77-122
m,p-Xylenes	8260C	41.2	40.0	103	80-126
n-Butylbenzene	8260C	19.7	20.0	98	78-133
n-Propylbenzene	8260C	20.6	20.0	103	78-131
o-Xylene	8260C	21.3	20.0	106	79-123
sec-Butylbenzene	8260C	20.2	20.0	101	75-129
tert-Butylbenzene	8260C	20.1	20.0	101	76-126
trans-1,2-Dichloroethene	8260C	20.6	20.0	103	73-118
trans-1,3-Dichloropropene	8260C	20.3	20.0	102	71-133

Semivolatile Organic Compounds by GC/MS

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QA/QC Report

Client: Day Environmental, Inc. **Service Request:** R1906192
Project: Manche/5474S-18
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3510C

Sample Name	Lab Code	2,4,6-Tribromophenol 35-141	2-Fluorobiphenyl 31-118	2-Fluorophenol 10-105
RW-1	R1906192-001	89	80	34
MW-5	R1906192-002	85	75	39
MW-6	R1906192-003	92	81	45
MW-4	R1906192-004	87	79	39
Method Blank	RQ1906948-01	84	68	42
Lab Control Sample	RQ1906948-02	88	78	49
Duplicate Lab Control Sample	RQ1906948-03	90	79	46

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QA/QC Report

Client: Day Environmental, Inc. **Service Request:** R1906192
Project: Manche/5474S-18
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3510C

Sample Name	Lab Code	Nitrobenzene-d5 31-110	Phenol-d6 10-107	Terphenyl-d14 10-165
RW-1	R1906192-001	78	20	61
MW-5	R1906192-002	72	24	38
MW-6	R1906192-003	79	28	60
MW-4	R1906192-004	76	24	60
Method Blank	RQ1906948-01	74	27	74
Lab Control Sample	RQ1906948-02	81	32	81
Duplicate Lab Control Sample	RQ1906948-03	80	31	80

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Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1906948-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	
2,3,4,6-Tetrachlorophenol	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	
2,4,5-Trichlorophenol	1.1 U	10	1.1	1	07/16/19 00:06	7/9/19	
2,4,6-Trichlorophenol	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	
2,4-Dichlorophenol	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	
2,4-Dimethylphenol	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	
2,4-Dinitrophenol	7.0 U	50	7.0	1	07/16/19 00:06	7/9/19	
2,4-Dinitrotoluene	2.7 U	10	2.7	1	07/16/19 00:06	7/9/19	
2,6-Dinitrotoluene	1.5 U	10	1.5	1	07/16/19 00:06	7/9/19	
2-Chloronaphthalene	1.1 U	10	1.1	1	07/16/19 00:06	7/9/19	
2-Chlorophenol	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	
2-Methylnaphthalene	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	
2-Methylphenol	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	
2-Nitroaniline	2.4 U	50	2.4	1	07/16/19 00:06	7/9/19	
2-Nitrophenol	1.5 U	10	1.5	1	07/16/19 00:06	7/9/19	
3,3'-Dichlorobenzidine	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	
3- and 4-Methylphenol Coelution	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	
3-Nitroaniline	1.8 U	50	1.8	1	07/16/19 00:06	7/9/19	
4,6-Dinitro-2-methylphenol	3.7 U	50	3.7	1	07/16/19 00:06	7/9/19	
4-Bromophenyl Phenyl Ether	1.4 U	10	1.4	1	07/16/19 00:06	7/9/19	
4-Chloro-3-methylphenol	1.1 U	10	1.1	1	07/16/19 00:06	7/9/19	
4-Chloroaniline	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	
4-Chlorophenyl Phenyl Ether	1.2 U	10	1.2	1	07/16/19 00:06	7/9/19	
4-Nitroaniline	1.9 U	50	1.9	1	07/16/19 00:06	7/9/19	
4-Nitrophenol	3.0 U	50	3.0	1	07/16/19 00:06	7/9/19	
Acenaphthene	1.6 U	10	1.6	1	07/16/19 00:06	7/9/19	
Acenaphthylene	1.3 U	10	1.3	1	07/16/19 00:06	7/9/19	
Acetophenone	1.3 U	10	1.3	1	07/16/19 00:06	7/9/19	
Anthracene	1.4 U	10	1.4	1	07/16/19 00:06	7/9/19	
Atrazine	1.3 U	10	1.3	1	07/16/19 00:06	7/9/19	
Benz(a)anthracene	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	
Benzaldehyde	1.1 U	50	1.1	1	07/16/19 00:06	7/9/19	
Benzo(a)pyrene	1.3 U	10	1.3	1	07/16/19 00:06	7/9/19	
Benzo(b)fluoranthene	1.3 U	10	1.3	1	07/16/19 00:06	7/9/19	
Benzo(g,h,i)perylene	1.5 U	10	1.5	1	07/16/19 00:06	7/9/19	
Benzo(k)fluoranthene	1.5 U	10	1.5	1	07/16/19 00:06	7/9/19	
Biphenyl	1.9 U	10	1.9	1	07/16/19 00:06	7/9/19	
2,2'-Oxybis(1-chloropropane)	1.4 U	10	1.4	1	07/16/19 00:06	7/9/19	
Bis(2-chloroethoxy)methane	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	
Bis(2-chloroethyl) Ether	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	
Bis(2-ethylhexyl) Phthalate	9.7 U	10	9.7	1	07/16/19 00:06	7/9/19	
Butyl Benzyl Phthalate	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	
Caprolactam	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Day Environmental, Inc.	**Service Request:**	R1906192
Project:	Manche/5474S-18	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1906948-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	1.3 U	10	1.3	1	07/16/19 00:06	7/9/19	
Chrysene	1.5 U	10	1.5	1	07/16/19 00:06	7/9/19	
Di-n-butyl Phthalate	1.1 U	10	1.1	1	07/16/19 00:06	7/9/19	
Di-n-octyl Phthalate	1.8 U	10	1.8	1	07/16/19 00:06	7/9/19	
Dibenz(a,h)anthracene	1.4 U	10	1.4	1	07/16/19 00:06	7/9/19	
Dibenzofuran	1.3 U	10	1.3	1	07/16/19 00:06	7/9/19	
Diethyl Phthalate	1.2 U	10	1.2	1	07/16/19 00:06	7/9/19	
Dimethyl Phthalate	1.5 U	10	1.5	1	07/16/19 00:06	7/9/19	
Fluoranthene	1.4 U	10	1.4	1	07/16/19 00:06	7/9/19	
Fluorene	1.6 U	10	1.6	1	07/16/19 00:06	7/9/19	
Hexachlorobenzene	1.4 U	10	1.4	1	07/16/19 00:06	7/9/19	
Hexachlorobutadiene	1.1 U	10	1.1	1	07/16/19 00:06	7/9/19	
Hexachlorocyclopentadiene	1.5 U	10	1.5	1	07/16/19 00:06	7/9/19	
Hexachloroethane	1.2 U	10	1.2	1	07/16/19 00:06	7/9/19	
Indeno(1,2,3-cd)pyrene	1.4 U	10	1.4	1	07/16/19 00:06	7/9/19	
Isophorone	1.2 U	10	1.2	1	07/16/19 00:06	7/9/19	
N-Nitrosodi-n-propylamine	2.0 U	10	2.0	1	07/16/19 00:06	7/9/19	
N-Nitrosodiphenylamine	4.7 U	10	4.7	1	07/16/19 00:06	7/9/19	
Naphthalene	1.1 U	10	1.1	1	07/16/19 00:06	7/9/19	
Nitrobenzene	1.0 U	10	1.0	1	07/16/19 00:06	7/9/19	
Pentachlorophenol (PCP)	6.0 U	50	6.0	1	07/16/19 00:06	7/9/19	
Phenanthrene	1.6 U	10	1.6	1	07/16/19 00:06	7/9/19	
Phenol	**1.2 J**	10	1.0	1	07/16/19 00:06	7/9/19	
Pyrene	1.8 U	10	1.8	1	07/16/19 00:06	7/9/19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	84	35 - 141	07/16/19 00:06	
2-Fluorobiphenyl	68	31 - 118	07/16/19 00:06	
2-Fluorophenol	42	10 - 105	07/16/19 00:06	
Nitrobenzene-d5	74	31 - 110	07/16/19 00:06	
Phenol-d6	27	10 - 107	07/16/19 00:06	
Terphenyl-d14	74	10 - 165	07/16/19 00:06	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Day Environmental, Inc.
Project: Manche/5474S-18
Sample Matrix: Water

Service Request: R1906192
Date Analyzed: 07/16/19

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1906948-02			RQ1906948-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4,5-Tetrachlorobenzene	8270D	29.1	50.1	58	30.9	50.1	62	15-132	7	30
2,3,4,6-Tetrachlorophenol	8270D	40.9	50.0	82	41.2	50.0	82	42-136	<1	30
2,4,5-Trichlorophenol	8270D	45.8	50.0	92	46.7	50.0	93	48-134	1	30
2,4,6-Trichlorophenol	8270D	45.1	50.0	90	46.9	50.0	94	44-135	4	30
2,4-Dichlorophenol	8270D	42.1	50.0	84	42.4	50.0	85	48-127	1	30
2,4-Dimethylphenol	8270D	45.2	50.0	90	45.3	50.0	91	59-113	1	30
2,4-Dinitrophenol	8270D	47.6 J	50.0	95	46.6 J	50.0	93	21-154	2	30
2,4-Dinitrotoluene	8270D	48.7	50.0	97	49.5	50.0	99	54-130	2	30
2,6-Dinitrotoluene	8270D	46.9	50.0	94	47.2	50.0	94	51-127	<1	30
2-Chloronaphthalene	8270D	34.9	50.0	70	36.1	50.0	72	40-108	3	30
2-Chlorophenol	8270D	36.7	50.0	73	35.9	50.0	72	42-112	1	30
2-Methylnaphthalene	8270D	33.3	50.0	67	34.0	50.0	68	34-102	1	30
2-Methylphenol	8270D	35.4	50.0	71	34.5	50.0	69	47-100	3	30
2-Nitroaniline	8270D	46.4 J	50.0	93	47.0 J	50.0	94	52-133	1	30
2-Nitrophenol	8270D	43.0	50.0	86	44.7	50.0	89	43-131	3	30
3,3'-Dichlorobenzidine	8270D	46.4	50.0	93	47.6	50.0	95	43-126	2	30
3- and 4-Methylphenol Coelution	8270D	32.6	50.0	65	31.6	50.0	63	40-92	3	30
3-Nitroaniline	8270D	42.0 J	50.0	84	40.1 J	50.0	80	42-111	5	30
4,6-Dinitro-2-methylphenol	8270D	45.5 J	50.0	91	47.3 J	50.0	95	36-152	4	30
4-Bromophenyl Phenyl Ether	8270D	38.7	50.0	77	41.0	50.0	82	48-114	6	30
4-Chloro-3-methylphenol	8270D	44.4	50.0	89	43.8	50.0	88	52-113	1	30
4-Chloroaniline	8270D	40.4	50.0	81	39.5	50.0	79	44-109	3	30
4-Chlorophenyl Phenyl Ether	8270D	39.9	50.0	80	40.5	50.0	81	51-107	1	30
4-Nitroaniline	8270D	45.3 J	50.0	91	44.0 J	50.0	88	54-133	3	30
4-Nitrophenol	8270D	17.7 J	50.0	35	17.4 J	50.0	35	10-126	<1	30
Acenaphthene	8270D	37.7	50.0	75	39.5	50.0	79	52-107	5	30
Acenaphthylene	8270D	38.3	50.0	77	39.7	50.0	79	55-109	3	30
Acetophenone	8270D	83.1	100	83	85.1	100	85	46-114	2	30
Anthracene	8270D	44.6	50.0	89	46.6	50.0	93	55-116	4	30
Atrazine	8270D	50.3	50.0	101	53.1	50.0	106	61-164	5	30
Benz(a)anthracene	8270D	42.9	50.0	86	43.8	50.0	88	61-121	2	30
Benzaldehyde	8270D	36.1 J	50.0	72	36.6 J	50.0	73	45-132	1	30
Benzo(a)pyrene	8270D	46.0	50.0	92	47.5	50.0	95	44-114	3	30

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Day Environmental, Inc.
Project: Manche/5474S-18
Sample Matrix: Water

Service Request: R1906192
Date Analyzed: 07/16/19

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1906948-02			RQ1906948-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(b)fluoranthene	8270D	41.7	50.0	83	43.2	50.0	86	62-115	4	30
Benzo(g,h,i)perylene	8270D	51.3	50.0	103	51.8	50.0	104	63-136	<1	30
Benzo(k)fluoranthene	8270D	46.6	50.0	93	47.0	50.0	94	49-133	1	30
Biphenyl	8270D	37.4	50.0	75	40.1	50.0	80	39-106	6	30
2,2'-Oxybis(1-chloropropane)	8270D	38.0	50.0	76	38.8	50.0	78	32-122	3	30
Bis(2-chloroethoxy)methane	8270D	43.2	50.0	86	44.6	50.0	89	55-110	3	30
Bis(2-chloroethyl) Ether	8270D	40.4	50.0	81	40.6	50.0	81	46-102	<1	30
Bis(2-ethylhexyl) Phthalate	8270D	49.3	50.0	99	50.8	50.0	102	51-132	3	30
Butyl Benzyl Phthalate	8270D	47.6	50.0	95	49.0	50.0	98	41-148	3	30
Caprolactam	8270D	13.9	50.0	28	14.2	50.0	28	10-41	<1	30
Carbazole	8270D	47.1	50.0	94	48.6	50.0	97	56-139	3	30
Chrysene	8270D	42.9	50.0	86	43.6	50.0	87	57-118	1	30
Di-n-butyl Phthalate	8270D	47.8	50.0	96	49.7	50.0	99	57-128	3	30
Di-n-octyl Phthalate	8270D	48.0	50.0	96	48.8	50.0	98	62-124	2	30
Dibenz(a,h)anthracene	8270D	43.3	50.0	87	43.6	50.0	87	54-135	<1	30
Dibenzofuran	8270D	41.0	50.0	82	42.7	50.0	85	55-110	4	30
Diethyl Phthalate	8270D	45.6	50.0	91	46.1	50.0	92	53-113	1	30
Dimethyl Phthalate	8270D	41.8	50.0	84	42.7	50.0	85	51-112	1	30
Fluoranthene	8270D	43.4	50.0	87	44.5	50.0	89	66-127	2	30
Fluorene	8270D	38.8	50.0	78	39.9	50.0	80	54-106	3	30
Hexachlorobenzene	8270D	41.3	50.0	83	43.2	50.0	86	53-123	4	30
Hexachlorobutadiene	8270D	30.7	50.0	61	31.0	50.0	62	16-95	2	30
Hexachlorocyclopentadiene	8270D	22.1	50.0	44	22.0	50.0	44	10-99	<1	30
Hexachloroethane	8270D	26.4	50.0	53	27.1	50.0	54	15-92	2	30
Indeno(1,2,3-cd)pyrene	8270D	49.6	50.0	99	49.6	50.0	99	62-137	<1	30
Isophorone	8270D	46.6	50.0	93	48.0	50.0	96	50-116	3	30
N-Nitrosodi-n-propylamine	8270D	42.6	50.0	85	43.9	50.0	88	49-115	3	30
N-Nitrosodiphenylamine	8270D	49.0	50.0	98	50.6	50.0	101	45-123	3	30
Naphthalene	8270D	33.2	50.0	66	34.0	50.0	68	38-99	3	30
Nitrobenzene	8270D	42.2	50.0	84	42.9	50.0	86	46-108	2	30
Pentachlorophenol (PCP)	8270D	49.0 J	50.0	98	51.8	50.0	104	29-164	6	30
Phenanthrene	8270D	41.3	50.0	83	42.6	50.0	85	58-118	2	30
Phenol	8270D	19.9	50.0	40	19.6	50.0	39	10-113	3	30

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Day Environmental, Inc.
Project: Manche/5474S-18
Sample Matrix: Water

Service Request: R1906192
Date Analyzed: 07/16/19

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1906948-02			RQ1906948-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Pyrene	8270D	43.1	50.0	86	45.7	50.0	91	61-122	6	30

ATTACHMENT E

SAMPLING LOGS FOR JULY 7-8, 2020 GROUNDWATER SAMPLING EVENT

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-A

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/8/2020

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 84ºF - Sunny

PID READING IN WELL HEADSPACE (PPM): 0.0 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: 3.75-10.35 — **INITIAL WATER LEVEL (SWL) [FT]:** 7.88 / 7-8-2020 (SWL / Date Measured)

WELL DEPTH [FT BGS]: 10.35 — **DEPTH OF PUMP INTAKE [FT BGS]:** ~9.0

(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** Slight Petroleum Odor

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic Pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI ProDSS

STABILIZED PUMP RATE (ml/min): 150 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 8.66

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
11:54	-	7.88	1.51	-179.7	5.63	0.602	7.24	18.7	350
11:57	150	8.23	0.23	-201.4	4.27	0.601	7.22	17.3	750
12:00	150	8.35	0.19	-200.9	3.97	0.602	7.25	17.3	1,125
12:02	150	8.44	0.13	-208.0	3.60	0.609	7.26	17.2	1,500
12:05	150	8.66	0.21	-200.1	3.78	0.611	7.27	17.8	1,875
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SAMPLE OBSERVATIONS: Clear

SECTION 4 – SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-A	7-8-2020 / 12:06	Peristaltic Pump	TCL + CP-51 VOCs 8260 & TCL + CP-51 SVOCs 8270

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-2

SECTION 1 – SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/8/2020

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 84ºF – Cloudy

PID READING IN WELL HEADSPACE (PPM): 64.4* — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** 6.93 / 7-8-2020 (SWL / Date Measured)

WELL DEPTH [FT BGS]: 9.70 — **DEPTH OF PUMP INTAKE [FT BGS]:** ~7.75

(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic Pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI ProDSS

STABILIZED PUMP RATE (ml/min): 150 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 7.09

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
13:16	-	6.93	1.25	-190.8	9.49	0.663	7.23	20.2	350
13:19	150	6.98	0.53	-184.0	7.82	0.644	7.21	17.9	750
13:22	150	6.99	0.39	-162.0	6.03	0.636	7.19	17.8	1,125
13:24	150	7.00	0.36	-145.1	4.88	0.633	7.19	17.6	1,500
13:27	150	7.01	0.42	-132.4	4.75	0.629	7.19	17.5	1,875
13:29	150	7.02	0.51	-115.5	4.28	0.629	7.20	17.7	2,250
13:32	150	7.04	0.81	-98.2	4.18	0.627	7.20	17.6	2,625
13:34	150	7.05	1.05	-86.1	4.14	0.626	7.21	17.8	3,000
13:37	150	7.06	1.21	-81.4	4.18	0.626	7.21	17.8	3,375
13:39	150	7.07	1.37	-75.1	4.30	0.627	7.21	17.8	3,750
13:42	150	7.08	1.48	-73.2	4.38	0.627	7.21	17.7	4,125
13:44	150	7.09	1.53	-70.4	4.53	0.627	7.22	17.9	4,500
	SAMPLE OBSERVATIONS: Clear								

SECTION 4 – SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-2	7-8-2020 / 13:45	Peristaltic Pump	TCL + CP-51 VOCs 8260 & TCL + CP-51 SVOCs 8270

* = This well had a bee hive in it and the PID reading appears to be associated with the bee killer spray

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-3

SECTION 1 – SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/7/2020

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 86ºF – Sunny

PID READING IN WELL HEADSPACE (PPM): 0.0 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** 6.37 — **SWL / Date Measured:** 7-7-2020

WELL DEPTH [FT BGS]: 8.62 — **DEPTH OF PUMP INTAKE [FT BGS]:** ~8.0

(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic Pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI ProDSS

STABILIZED PUMP RATE (ml/min): 125 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 7.91

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
13:22	-	6.37	5.26	181.5	3.98	0.600	7.01	19.1	350
13:34	125	7.00	3.87	205.5	3.74	0.588	7.06	18.6	725
13:37	125	7.58	3.82	211.4	10.64	0.580	7.05	17.8	1,100
13:40	125	7.91	3.76	214.3	10.53	0.584	7.05	18.0	1,475
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SAMPLE OBSERVATIONS: Clear (VOCs), Cloudy (SVOCs)*

SECTION 4 – SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-3	7-7-2020 / 13:41	Peristaltic Pump	TCL + CP-51 VOCs 8260 & TCL + CP-51 SVOCs 8270

* = Stopped the pump to recharge while collecting SVOC sample

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-4

SECTION 1 – SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/8/2020

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 84ºF – Sunny

PID READING IN WELL HEADSPACE (PPM): 0.0 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** 6.70 / 7-8-2020 (SWL / Date Measured)

WELL DEPTH [FT BGS]: 11.41 — **DEPTH OF PUMP INTAKE [FT BGS]:** ~10.0

(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic Pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI ProDSS

STABILIZED PUMP RATE (ml/min): 125 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 9.89

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
9:12	-	6.70	1.55	-216.9	13.04	0.479	6.89	18.0	350
9:15	125	7.38	0.18	-223.3	7.87	0.467	6.83	16.4	750
9:18	125	8.18	0.05	-267.7	8.50	0.465	6.85	16.6	1,125
9:21	125	8.58	0.03	-350.2	9.00	0.469	6.87	16.5	1,500
9:24	125	8.99	0.00	-376.8	8.35	0.473	6.90	16.5	1,875
9:27	125	9.44	0.02	-387.5	7.24	0.476	6.94	16.7	2,250
9:30	125	9.89	0.04	-388.1	6.53	0.478	6.96	16.7	2,625
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SAMPLE OBSERVATIONS: Clear

SECTION 4 – SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-4	7-8-2020 / 9:31	Peristaltic Pump	TCL + CP-51 VOCs 8260 & TCL + CP-51 SVOCs 8270

***** = Stopped the pump to recharge while collecting SVOC sample

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-5

SECTION 1 – SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/7/2020

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 86ºF – Sunny

PID READING IN WELL HEADSPACE (PPM): 0.0 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** 7.66 / 7-7-2020 (SWL / Date Measured)

WELL DEPTH [FT BGS]: 10.63 — **DEPTH OF PUMP INTAKE [FT BGS]:** ~9.25

(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic Pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI ProDSS

STABILIZED PUMP RATE (ml/min): 150 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 8.79

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
11:08	-	7.66	5.18	206.9	5.82	0.633	7.25	17.5	350
11:12	150	8.49	3.98	240.9	90.89	0.626	7.26	16.3	950
11:15	150	8.68	3.58	249.7	115.22	0.630	7.28	16.9	1,400
11:18	150	8.82	3.30	259.6	135.24	0.630	7.28	16.7	1,850
*11:46	150	8.79	4.33	291.5	130.68	0.596	7.28	17.6	2,300
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SAMPLE OBSERVATIONS: Cloudy, yellow hue

SECTION 4 – SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-5	7-7-2020 / 11:47	Peristaltic Pump	TCL + CP-51 VOCs 8260 & TCL + CP-51 SVOCs 8270

* = Stopped the pump to recharge

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-6

SECTION 1 – SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/7/2020

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 86ºF – Sunny

PID READING IN WELL HEADSPACE (PPM): 0.0 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** 6.15 — **SWL / Date Measured:** 7-7-2020

WELL DEPTH [FT BGS]: 9.36 — **DEPTH OF PUMP INTAKE [FT BGS]:** ~7.0

(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic Pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI ProDSS

STABILIZED PUMP RATE (ml/min): 150 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 6.33

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
10:23	-	6.15	8.31	233.1	9.45	0.607	7.18	17.9	350
10:32	150	6.33	7.52	256.1	16.89	0.593	7.16	17.7	1,350
10:35	150	6.33	7.22	257.6	12.68	0.594	7.18	17.6	1,800
10:38	150	6.33	6.95	258.0	8.37	0.593	7.19	17.5	2,250
10:41	150	6.33	6.85	257.7	6.08	0.592	7.19	17.8	2,700
10:44	150	6.33	6.76	257.7	5.07	0.591	7.20	17.9	3,150
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SAMPLE OBSERVATIONS: Clear

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-6	7-7-2020 / 10:45	Peristaltic Pump	TCL + CP-51 VOCs 8260 & TCL + CP-51 SVOCs 8270

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL RW-1

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/7/2020

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 86ºF – Sunny

PID READING IN WELL HEADSPACE (PPM): 0.0 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** 7.75 / 7-7-2020 (SWL / Date Measured)

WELL DEPTH [FT BGS]: 19.05 — **DEPTH OF PUMP INTAKE [FT BGS]:** ~10.0

(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic Pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI ProDSS

STABILIZED PUMP RATE (ml/min): 175 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 7.77

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
14:56	-	7.75	4.55	158.1	3.26	0.731	7.32	21.1	350
14:59	175	7.77	3.24	166.1	2.99	0.712	7.27	16.7	750
15:01	175	7.77	2.27	169.7	2.93	0.713	7.28	16.2	1,150
15:03	175	7.77	1.91	171.9	2.91	0.711	7.28	16.0	1,550
15:06	175	7.77	1.79	173.0	7.91	0.709	7.27	16.3	1,950
15:08	175	7.77	1.86	173.4	6.26	0.709	7.29	16.0	2,350
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SAMPLE OBSERVATIONS: Clear

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
RW-1	7-7-2020 / 15:09	Peristaltic Pump	TCL + CP-51 VOCs 8260 & TCL + CP-51 SVOCs 8270

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL RW-2

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/8/2020

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 84ºF – Sunny

PID READING IN WELL HEADSPACE (PPM): 0.0 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** 7.17 — **SWL / Date Measured:** 7-8-2020

WELL DEPTH [FT BGS]: 17.65 — **DEPTH OF PUMP INTAKE [FT BGS]:** ~10.0

(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic Pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI ProDSS

STABILIZED PUMP RATE (ml/min): 150 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 7.23

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
10:14	-	7.17	0.77	-122.3	5.40	0.646	7.28	16.8	350
10:17	150	7.23	0.20	-68.5	2.87	0.637	7.25	15.8	750
10:20	150	7.23	0.05	-51.1	3.55	0.640	7.26	15.2	1,125
10:23	150	7.23	0.01	-40.2	3.04	0.636	7.26	15.4	1,500
10:25	150	7.23	0.00	-33.8	2.99	0.640	7.26	15.1	1,875
10:28	150	7.23	0.00	-32.0	2.77	0.644	7.27	14.8	2,250
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SAMPLE OBSERVATIONS: Clear with few suspended solids

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
RW-2	7-8-2020 / 10:29	Peristaltic Pump	TCL + CP-51 VOCs 8260 & TCL + CP-51 SVOCs 8270

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL RW-3

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 147 State Street — **JOB #** 5474S-18

Manchester, New York — **DATE:** 7/7/2020

SAMPLE COLLECTOR(S): H. Miller — **WEATHER:** 86ºF – Sunny

PID READING IN WELL HEADSPACE (PPM): 0.0 — **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC — **WELL DIAMETER (INCHES):** 2”

SCREENED INTERVAL [FT BGS]: Unknown — **INITIAL WATER LEVEL (SWL) [FT]:** 6.25 / 7-7-2020 (SWL / Date Measured)

WELL DEPTH [FT BGS]: 18.75 — **DEPTH OF PUMP INTAKE [FT BGS]:** ~9.0

(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND — **DNAPL:** ND — **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic Pump — **WATER LEVEL METER:** Heron OWI Probe

WATER QUALITY METER(s): YSI ProDSS

STABILIZED PUMP RATE (ml/min): 150 — **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 6.28

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
12:20	-	6.25	7.49	183.1	13.03	0.513	7.41	19.0	350
12:24	175	6.28	7.40	209.1	5.68	0.500	7.32	16.5	1,050
12:26	175	6.28	7.38	215.8	4.98	0.498	7.34	16.4	1,450
12:29	175	6.28	7.38	221.0	4.57	0.497	7.34	16.5	1,850
12:31	150	6.28	7.36	225.7	4.53	0.498	7.34	16.2	2,250
12:34	150	6.28	7.37	227.7	4.79	0.498	7.35	16.2	2,650
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SAMPLE OBSERVATIONS: Clear

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
RW-3	7-7-2020 / 12:35	Peristaltic Pump	TCL + CP-51 VOCs 8260 & TCL + CP-51 SVOCs 8270 Also MS/MSD Sample

ATTACHMENT F

ANALYTICAL LABORATORY REPORT FOR JULY 7-8, 2020 GROUNDWATER SAMPLING EVENT

ANALYTICAL REPORT

Lab Number:	L2028734
Client:	Day Environmental, Inc. 1563 Lyell Avenue Rochester, NY 14606
ATTN:	Ray Kampff
Phone:	(585) 454-0210
Project Name:	MANCHE. 5474S-18
Project Number:	Not Specified
Report Date:	07/15/20

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: MANCHE. 5474S-18
Project Number: Not Specified

Lab Number: L2028734
Report Date: 07/15/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2028734-01	MW-6	WATER	147 STATE ST., MANCHESTER, NY	07/07/20 10:45	07/08/20
L2028734-02	MW-5	WATER	147 STATE ST., MANCHESTER, NY	07/07/20 11:47	07/08/20
L2028734-03	RW-3	WATER	147 STATE ST., MANCHESTER, NY	07/07/20 12:35	07/08/20
L2028734-04	MW-3	WATER	147 STATE ST., MANCHESTER, NY	07/07/20 13:41	07/08/20
L2028734-05	RW-1	WATER	147 STATE ST., MANCHESTER, NY	07/07/20 15:09	07/08/20
L2028734-06	MW-4	WATER	147 STATE ST., MANCHESTER, NY	07/08/20 09:31	07/08/20
L2028734-07	RW-2	WATER	147 STATE ST., MANCHESTER, NY	07/08/20 10:29	07/08/20
L2028734-08	MW-A	WATER	147 STATE ST., MANCHESTER, NY	07/08/20 12:06	07/08/20
L2028734-09	MW-2	WATER	147 STATE ST., MANCHESTER, NY	07/08/20 13:45	07/08/20
L2028734-10	FB07082020	WATER	147 STATE ST., MANCHESTER, NY	07/08/20 11:30	07/08/20
L2028734-11	TB07082020	WATER	147 STATE ST., MANCHESTER, NY	07/08/20 00:00	07/08/20

Project Name:	MANCHE. 5474S-18	**Lab Number:**	L2028734
Project Number:	Not Specified	**Report Date:**	07/15/20

Case Narrative

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

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

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

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

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

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

Project Name:	MANCHE. 5474S-18	**Lab Number:**	L2028734
Project Number:	Not Specified	**Report Date:**	07/15/20

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2028734-08: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Semivolatile Organics by SIM

The surrogate recoveries for the WG1391279-4/-5 MS/MSD, performed on L2028734-03, are outside the acceptance criteria for 2-fluorophenol (11%/13%), nitrobenzene-d5 (16%/16%) and 4-terphenyl-d14 (22%/23%). The associated MS spike compounds are within overall method allowances; therefore, no further action was taken.

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

Authorized Signature:  Cristin Walker

Title: Technical Director/Representative Date: 07/15/20

ORGANICS

VOLATILES

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-01 Date Collected: 07/07/20 10:45

Client ID: MW-6 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 07/11/20 14:21

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-01 Date Collected: 07/07/20 10:45

Client ID: MW-6 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-02 Date Collected: 07/07/20 11:47
Client ID: MW-5 Date Received: 07/08/20
Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/11/20 14:45
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-02 Date Collected: 07/07/20 11:47

Client ID: MW-5 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	100		70-130

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-03 Date Collected: 07/07/20 12:35
Client ID: RW-3 Date Received: 07/08/20
Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/11/20 15:09
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-03 Date Collected: 07/07/20 12:35

Client ID: RW-3 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-04 Date Collected: 07/07/20 13:41
Client ID: MW-3 Date Received: 07/08/20
Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/11/20 15:32
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-04 Date Collected: 07/07/20 13:41

Client ID: MW-3 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-05
Client ID: RW-1
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/07/20 15:09
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/11/20 15:56
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	2.8		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	1.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-05 Date Collected: 07/07/20 15:09

Client ID: RW-1 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.72	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-06 Date Collected: 07/08/20 09:31

Client ID: MW-4 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 07/11/20 16:20

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-06 Date Collected: 07/08/20 09:31

Client ID: MW-4 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-07 Date Collected: 07/08/20 10:29
Client ID: RW-2 Date Received: 07/08/20
Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/11/20 16:44
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	2.3		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	1.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-07 Date Collected: 07/08/20 10:29

Client ID: RW-2 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.91	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-08 D
Client ID: MW-A
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/08/20 12:06
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/11/20 17:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	29		ug/l	25	7.0	10
Ethylbenzene	200		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-08 D Date Collected: 07/08/20 12:06

Client ID: MW-A Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	640		ug/l	25	7.0	10
o-Xylene	83		ug/l	25	7.0	10
cis-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
n-Butylbenzene	16	J	ug/l	25	7.0	10
sec-Butylbenzene	9.0	J	ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	28		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	94		ug/l	25	7.0	10
n-Propylbenzene	81		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	200		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	600		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	100		ug/l	100	2.7	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	110		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-09 Date Collected: 07/08/20 13:45
Client ID: MW-2 Date Received: 07/08/20
Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/11/20 17:31
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-09 Date Collected: 07/08/20 13:45

Client ID: MW-2 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	99		70-130

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-10 Date Collected: 07/08/20 11:30
Client ID: FB07082020 Date Received: 07/08/20
Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/10/20 10:57
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	1.4	J	ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-10 Date Collected: 07/08/20 11:30

Client ID: FB07082020 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	103		70-130

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-11
Client ID: TB07082020
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/08/20 00:00
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/10/20 11:23
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-11 Date Collected: 07/08/20 00:00

Client ID: TB07082020 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.1	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/10/20 09:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG1390933-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/10/20 09:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG1390933-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/10/20 09:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 10-11 Batch: WG1390933-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	102		70-130

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/11/20 12:43
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1391549-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/11/20 12:43
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1391549-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/11/20 12:43
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1391549-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: MANCHE. 5474S-18
Project Number: Not Specified

Lab Number: L2028734
Report Date: 07/15/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG1390933-3 WG1390933-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	93		97		63-130	4		20
1,1,2-Trichloroethane	97		98		70-130	1		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	98		100		75-130	2		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		98		70-130	2		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	88		92		54-136	4		20
1,1,2,2-Tetrachloroethane	91		92		67-130	1		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	99		100		70-130	1		20
Chloromethane	87		92		64-130	6		20
Bromomethane	72		70		39-139	3		20
Vinyl chloride	90		88		55-140	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: MANCHE. 5474S-18
Project Number: Not Specified

Lab Number: L2028734
Report Date: 07/15/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG1390933-3 WG1390933-4								
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	97		97		70-130	0		20
1,2-Dichlorobenzene	97		100		70-130	3		20
1,3-Dichlorobenzene	98		100		70-130	2		20
1,4-Dichlorobenzene	98		100		70-130	2		20
Methyl tert butyl ether	96		98		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	95		100		70-130	5		20
Dichlorodifluoromethane	74		77		36-147	4		20
Acetone	110		110		58-148	0		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	96		120		63-138	**22**	Q	20
4-Methyl-2-pentanone	91		91		59-130	0		20
2-Hexanone	92		99		57-130	7		20
1,2-Dibromoethane	97		97		70-130	0		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	97		100		70-130	3		20
1,2-Dibromo-3-chloropropane	79		87		41-144	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MANCHE. 5474S-18

Project Number: Not Specified

Lab Number: L2028734

Report Date: 07/15/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-11 Batch: WG1390933-3 WG1390933-4								
Isopropylbenzene	98		100		70-130	2		20
p-Isopropyltoluene	99		100		70-130	1		20
Naphthalene	74		88		70-130	17		20
n-Propylbenzene	99		100		69-130	1		20
1,2,4-Trichlorobenzene	86		96		70-130	11		20
1,3,5-Trimethylbenzene	98		100		64-130	2		20
1,2,4-Trimethylbenzene	98		100		70-130	2		20
Methyl Acetate	94		99		70-130	5		20
Cyclohexane	110		110		70-130	0		20
Freon-113	100		110		70-130	10		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		113		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	103		104		70-130
Dibromofluoromethane	102		105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: MANCHE. 5474S-18
Project Number: Not Specified

Lab Number: L2028734
Report Date: 07/15/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1391549-3 WG1391549-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	100		98		63-132	2		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	110		100		70-130	10		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	100		99		62-150	1		20
1,2-Dichloroethane	110		100		70-130	10		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	110		100		70-130	10		20
cis-1,3-Dichloropropene	110		100		70-130	10		20
Bromoform	99		95		54-136	4		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	110		100		70-130	10		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	120		110		64-130	9		20
Bromomethane	**140**	Q	130		39-139	7		20
Vinyl chloride	110		100		55-140	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: MANCHE. 5474S-18
Project Number: Not Specified

Lab Number: L2028734
Report Date: 07/15/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1391549-3 WG1391549-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	110		100		70-130	10		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	100		99		63-130	1		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	98		99		36-147	1		20
Acetone	110		92		58-148	18		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	97		92		63-138	5		20
4-Methyl-2-pentanone	110		100		59-130	10		20
2-Hexanone	110		99		57-130	11		20
1,2-Dibromoethane	100		100		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	100		100		41-144	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MANCHE. 5474S-18

Project Number: Not Specified

Lab Number: L2028734

Report Date: 07/15/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1391549-3 WG1391549-4								
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	110		100		70-130	10		20
n-Propylbenzene	110		110		69-130	0		20
1,2,4-Trichlorobenzene	110		100		70-130	10		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
Methyl Acetate	95		90		70-130	5		20
Cyclohexane	100		100		70-130	0		20
Freon-113	100		98		70-130	2		20
Methyl cyclohexane	98		98		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		103		70-130
Toluene-d8	103		103		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	99		100		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: MANCHE. 5474S-18

Project Number: Not Specified

Lab Number: L2028734

Report Date: 07/15/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1391549-6 WG1391549-7 QC Sample: L2028734-03 Client ID: RW-3												
Methylene chloride	ND	10	11	110		11	110		70-130	0		20
1,1-Dichloroethane	ND	10	12	120		12	120		70-130	0		20
Chloroform	ND	10	11	110		12	120		70-130	9		20
Carbon tetrachloride	ND	10	11	110		11	110		63-132	0		20
1,2-Dichloropropane	ND	10	12	120		12	120		70-130	0		20
Dibromochloromethane	ND	10	10	100		10	100		63-130	0		20
1,1,2-Trichloroethane	ND	10	11	110		11	110		70-130	0		20
Tetrachloroethene	ND	10	11	110		11	110		70-130	0		20
Chlorobenzene	ND	10	11	110		11	110		75-130	0		20
Trichlorofluoromethane	ND	10	13	130		13	130		62-150	0		20
1,2-Dichloroethane	ND	10	11	110		11	110		70-130	0		20
1,1,1-Trichloroethane	ND	10	11	110		12	120		67-130	9		20
Bromodichloromethane	ND	10	11	110		11	110		67-130	0		20
trans-1,3-Dichloropropene	ND	10	10	100		10	100		70-130	0		20
cis-1,3-Dichloropropene	ND	10	10	100		10	100		70-130	0		20
Bromoform	ND	10	9.0	90		9.6	96		54-136	6		20
1,1,2,2-Tetrachloroethane	ND	10	11	110		12	120		67-130	9		20
Benzene	ND	10	12	120		12	120		70-130	0		20
Toluene	ND	10	12	120		12	120		70-130	0		20
Ethylbenzene	ND	10	12	120		12	120		70-130	0		20
Chloromethane	ND	10	12	120		13	130		64-130	8		20
Bromomethane	ND	10	9.4	94		10	100		39-139	6		20
Vinyl chloride	ND	10	12	120		13	130		55-140	8		20

Matrix Spike Analysis
Batch Quality Control

Project Name: MANCHE. 5474S-18
Project Number: Not Specified
Lab Number: L2028734
Report Date: 07/15/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1391549-6 WG1391549-7 QC Sample: L2028734-03 Client ID: RW-3												
Chloroethane	ND	10	13	130		13	130		55-138	0		20
1,1-Dichloroethene	ND	10	12	120		12	120		61-145	0		20
trans-1,2-Dichloroethene	ND	10	12	120		12	120		70-130	0		20
Trichloroethene	ND	10	11	110		11	110		70-130	0		20
1,2-Dichlorobenzene	ND	10	11	110		11	110		70-130	0		20
1,3-Dichlorobenzene	ND	10	11	110		11	110		70-130	0		20
1,4-Dichlorobenzene	ND	10	11	110		11	110		70-130	0		20
Methyl tert butyl ether	ND	10	10	100		11	110		63-130	10		20
p/m-Xylene	ND	20	23	115		23	115		70-130	0		20
o-Xylene	ND	20	22	110		23	115		70-130	4		20
cis-1,2-Dichloroethene	ND	10	12	120		12	120		70-130	0		20
Styrene	ND	20	22	110		22	110		70-130	0		20
Dichlorodifluoromethane	ND	10	12	120		12	120		36-147	0		20
Acetone	ND	10	11	110		11	110		58-148	0		20
Carbon disulfide	ND	10	12	120		12	120		51-130	0		20
2-Butanone	ND	10	11	110		11	110		63-138	0		20
4-Methyl-2-pentanone	ND	10	11	110		12	120		59-130	9		20
2-Hexanone	ND	10	11	110		12	120		57-130	9		20
1,2-Dibromoethane	ND	10	11	110		11	110		70-130	0		20
n-Butylbenzene	ND	10	12	120		12	120		53-136	0		20
sec-Butylbenzene	ND	10	12	120		12	120		70-130	0		20
tert-Butylbenzene	ND	10	12	120		12	120		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	10	9.8	98		10	100		41-144	2		20

Matrix Spike Analysis

Batch Quality Control

Project Name: MANCHE. 5474S-18

Project Number: Not Specified

Lab Number: L2028734

Report Date: 07/15/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1391549-6 WG1391549-7 QC Sample: L2028734-03 Client ID: RW-3												
Isopropylbenzene	ND	10	12	120		12	120		70-130	0		20
p-Isopropyltoluene	ND	10	12	120		12	120		70-130	0		20
Naphthalene	ND	10	10	100		11	110		70-130	10		20
n-Propylbenzene	ND	10	12	120		12	120		69-130	0		20
1,2,4-Trichlorobenzene	ND	10	10	100		11	110		70-130	10		20
1,3,5-Trimethylbenzene	ND	10	12	120		12	120		64-130	0		20
1,2,4-Trimethylbenzene	ND	10	12	120		12	120		70-130	0		20
Methyl Acetate	ND	10	9.1	91		9.3	93		70-130	2		20
Cyclohexane	ND	10	13	130		13	130		70-130	0		20
Freon-113	ND	10	12	120		12	120		70-130	0		20
Methyl cyclohexane	ND	10	12	120		12	120		70-130	0		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		106		70-130
4-Bromofluorobenzene	103		104		70-130
Dibromofluoromethane	97		100		70-130
Toluene-d8	104		103		70-130

SEMIVOLATILES

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-01
Client ID: MW-6
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/07/20 10:45
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/13/20 22:44
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-01 Date Collected: 07/07/20 10:45

Client ID: MW-6 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	76		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-01
Client ID: MW-6
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/07/20 10:45
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/14/20 16:35
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-01 Date Collected: 07/07/20 10:45

Client ID: MW-6 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	103		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-02
Client ID: MW-5
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/07/20 11:47
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/13/20 23:06
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.5	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-02 Date Collected: 07/07/20 11:47

Client ID: MW-5 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	70		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-02
Client ID: MW-5
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/07/20 11:47
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/14/20 16:56
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-02 Date Collected: 07/07/20 11:47

Client ID: MW-5 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	102		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-03
Client ID: RW-3
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/07/20 12:35
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/13/20 23:29
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.7	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-03 Date Collected: 07/07/20 12:35

Client ID: RW-3 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	77		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-03
Client ID: RW-3
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/07/20 12:35
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/14/20 17:17
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-03 Date Collected: 07/07/20 12:35

Client ID: RW-3 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	102		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-04
Client ID: MW-3
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/07/20 13:41
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/13/20 23:52
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.8	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-04 Date Collected: 07/07/20 13:41

Client ID: MW-3 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	71		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-04
Client ID: MW-3
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/07/20 13:41
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/14/20 17:38
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-04 Date Collected: 07/07/20 13:41

Client ID: MW-3 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	97		10-120
4-Terphenyl-d14	102		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-05
Client ID: RW-1
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/07/20 15:09
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/14/20 00:15
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.3	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-05 Date Collected: 07/07/20 15:09

Client ID: RW-1 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	73		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-05
Client ID: RW-1
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/07/20 15:09
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/14/20 17:58
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	0.04	J	ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.03	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-05 Date Collected: 07/07/20 15:09

Client ID: RW-1 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	100		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-06
Client ID: MW-4
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/08/20 09:31
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/14/20 00:38
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	3.1		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-06 Date Collected: 07/08/20 09:31

Client ID: MW-4 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	77		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-06
Client ID: MW-4
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/08/20 09:31
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/14/20 18:19
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-06 Date Collected: 07/08/20 09:31

Client ID: MW-4 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	104		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-07
Client ID: RW-2
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/08/20 10:29
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/14/20 01:01
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.9	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-07 Date Collected: 07/08/20 10:29

Client ID: RW-2 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	75		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-07
Client ID: RW-2
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/08/20 10:29
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/14/20 18:40
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-07 Date Collected: 07/08/20 10:29

Client ID: RW-2 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	105		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-08
Client ID: MW-A
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/08/20 12:06
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/14/20 01:24
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-08 Date Collected: 07/08/20 12:06

Client ID: MW-A Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	107		10-120
4-Terphenyl-d14	87		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-08
Client ID: MW-A
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/08/20 12:06
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/14/20 19:00
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.11		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	50		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.06	J	ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	36		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-08 Date Collected: 07/08/20 12:06

Client ID: MW-A Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	116		10-120
4-Terphenyl-d14	112		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-09
Client ID: MW-2
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/08/20 13:45
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/14/20 01:47
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-09 Date Collected: 07/08/20 13:45

Client ID: MW-2 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	60		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	88		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-09
Client ID: MW-2
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/08/20 13:45
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/14/20 19:21
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-09 Date Collected: 07/08/20 13:45

Client ID: MW-2 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	97		15-120
2,4,6-Tribromophenol	104		10-120
4-Terphenyl-d14	120		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-10
Client ID: FB07082020
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/08/20 11:30
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/14/20 02:09
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-10 Date Collected: 07/08/20 11:30

Client ID: FB07082020 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	83		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-10
Client ID: FB07082020
Sample Location: 147 STATE ST., MANCHESTER, NY

Date Collected: 07/08/20 11:30
Date Received: 07/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/14/20 19:41
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

SAMPLE RESULTS

Lab ID: L2028734-10 Date Collected: 07/08/20 11:30

Client ID: FB07082020 Date Received: 07/08/20

Sample Location: 147 STATE ST., MANCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	97		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	108		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/13/20 21:35
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1391278-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	2.1	J	ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/13/20 21:35
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1391278-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	75		41-149

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/13/20 10:52
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-10 Batch: WG1391279-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: MANCHE. 5474S-18 **Lab Number:** L2028734

Project Number: Not Specified **Report Date:** 07/15/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/13/20 10:52
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/12/20 10:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-10 Batch: WG1391279-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	104		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: MANCHE. 5474S-18
Project Number: Not Specified

Lab Number: L2028734
Report Date: 07/15/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1391278-2 WG1391278-3								
Bis(2-chloroethyl)ether	57		58		40-140	2		30
3,3'-Dichlorobenzidine	59		57		40-140	3		30
2,4-Dinitrotoluene	72		76		48-143	5		30
2,6-Dinitrotoluene	73		71		40-140	3		30
4-Chlorophenyl phenyl ether	67		69		40-140	3		30
4-Bromophenyl phenyl ether	77		82		40-140	6		30
Bis(2-chloroisopropyl)ether	67		69		40-140	3		30
Bis(2-chloroethoxy)methane	63		67		40-140	6		30
Hexachlorocyclopentadiene	68		68		40-140	0		30
Isophorone	63		68		40-140	8		30
Nitrobenzene	64		68		40-140	6		30
NDPA/DPA	70		70		40-140	0		30
n-Nitrosodi-n-propylamine	62		67		29-132	8		30
Bis(2-ethylhexyl)phthalate	87		88		40-140	1		30
Butyl benzyl phthalate	79		86		40-140	8		30
Di-n-butylphthalate	72		75		40-140	4		30
Di-n-octylphthalate	69		70		40-140	1		30
Diethyl phthalate	70		75		40-140	7		30
Dimethyl phthalate	67		68		40-140	1		30
Biphenyl	61		63		40-140	3		30
4-Chloroaniline	65		70		40-140	7		30
2-Nitroaniline	69		70		52-143	1		30
3-Nitroaniline	64		70		25-145	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: MANCHE. 5474S-18
Project Number: Not Specified

Lab Number: L2028734
Report Date: 07/15/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1391278-2 WG1391278-3								
4-Nitroaniline	66		67		51-143	2		30
Dibenzofuran	63		68		40-140	8		30
1,2,4,5-Tetrachlorobenzene	67		68		2-134	1		30
Acetophenone	59		64		39-129	8		30
2,4,6-Trichlorophenol	72		71		30-130	1		30
p-Chloro-m-cresol	73		75		23-97	3		30
2-Chlorophenol	63		69		27-123	9		30
2,4-Dichlorophenol	65		74		30-130	13		30
2,4-Dimethylphenol	56		56		30-130	0		30
2-Nitrophenol	67		73		30-130	9		30
4-Nitrophenol	71		66		10-80	7		30
2,4-Dinitrophenol	68		77		20-130	12		30
4,6-Dinitro-o-cresol	87		90		20-164	3		30
Phenol	43		45		12-110	5		30
2-Methylphenol	64		65		30-130	2		30
3-Methylphenol/4-Methylphenol	61		63		30-130	3		30
2,4,5-Trichlorophenol	77		76		30-130	1		30
Carbazole	71		71		55-144	0		30
Atrazine	80		88		40-140	10		30
Benzaldehyde	53		56		40-140	6		30
Caprolactam	49		49		10-130	0		30
2,3,4,6-Tetrachlorophenol	84		88		40-140	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MANCHE. 5474S-18

Project Number: Not Specified

Lab Number: L2028734

Report Date: 07/15/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1391278-2 WG1391278-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		52		21-120
Phenol-d6	48		48		10-120
Nitrobenzene-d5	66		68		23-120
2-Fluorobiphenyl	61		62		15-120
2,4,6-Tribromophenol	88		87		10-120
4-Terphenyl-d14	69		70		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: MANCHE. 5474S-18
Project Number: Not Specified

Lab Number: L2028734
Report Date: 07/15/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-10 Batch: WG1391279-2 WG1391279-3								
Acenaphthene	67		74		40-140	10		40
2-Chloronaphthalene	76		87		40-140	13		40
Fluoranthene	77		88		40-140	13		40
Hexachlorobutadiene	83		90		40-140	8		40
Naphthalene	65		73		40-140	12		40
Benzo(a)anthracene	71		83		40-140	16		40
Benzo(a)pyrene	75		87		40-140	15		40
Benzo(b)fluoranthene	75		84		40-140	11		40
Benzo(k)fluoranthene	74		92		40-140	22		40
Chrysene	71		80		40-140	12		40
Acenaphthylene	81		93		40-140	14		40
Anthracene	70		79		40-140	12		40
Benzo(ghi)perylene	73		86		40-140	16		40
Fluorene	71		80		40-140	12		40
Phenanthrene	67		76		40-140	13		40
Dibenzo(a,h)anthracene	74		88		40-140	17		40
Indeno(1,2,3-cd)pyrene	72		88		40-140	20		40
Pyrene	77		88		40-140	13		40
2-Methylnaphthalene	73		81		40-140	10		40
Pentachlorophenol	56		85		40-140	**41**	Q	40
Hexachlorobenzene	76		83		40-140	9		40
Hexachloroethane	61		68		40-140	11		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: MANCHE. 5474S-18

Project Number: Not Specified

Lab Number: L2028734

Report Date: 07/15/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-10 Batch: WG1391279-2 WG1391279-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		55		21-120
Phenol-d6	45		48		10-120
Nitrobenzene-d5	71		78		23-120
2-Fluorobiphenyl	79		88		15-120
2,4,6-Tribromophenol	87		101		10-120
4-Terphenyl-d14	96		108		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: MANCHE. 5474S-18

Project Number: Not Specified

Lab Number: L2028734

Report Date: 07/15/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1391278-4 WG1391278-5 QC Sample: L2028734-03 Client ID: RW-3												
Bis(2-chloroethyl)ether	ND	18.2	11	61		10	55		40-140	10		30
3,3'-Dichlorobenzidine	ND	18.2	9.8	54		9.7	53		40-140	1		30
2,4-Dinitrotoluene	ND	18.2	13	72		13	72		48-143	0		30
2,6-Dinitrotoluene	ND	18.2	12	66		13	72		40-140	8		30
4-Chlorophenyl phenyl ether	ND	18.2	12	66		13	72		40-140	8		30
4-Bromophenyl phenyl ether	ND	18.2	13	72		14	77		40-140	7		30
Bis(2-chloroisopropyl)ether	ND	18.2	13	72		12	66		40-140	8		30
Bis(2-chloroethoxy)methane	ND	18.2	14	77		13	72		40-140	7		30
Hexachlorocyclopentadiene	ND	18.2	12.J	66		12.J	66		40-140	0		30
Isophorone	ND	18.2	12	66		14	77		40-140	15		30
Nitrobenzene	ND	18.2	12	66		13	72		40-140	8		30
NDPA/DPA	ND	18.2	12	66		12	66		40-140	0		30
n-Nitrosodi-n-propylamine	ND	18.2	13	72		12	66		29-132	8		30
Bis(2-ethylhexyl)phthalate	2.7J	18.2	17	94		17	94		40-140	0		30
Butyl benzyl phthalate	ND	18.2	16	88		15	83		40-140	6		30
Di-n-butylphthalate	ND	18.2	12	66		13	72		40-140	8		30
Di-n-octylphthalate	ND	18.2	13	72		14	77		40-140	7		30
Diethyl phthalate	ND	18.2	13	72		13	72		40-140	0		30
Dimethyl phthalate	ND	18.2	11	61		12	66		40-140	9		30
Biphenyl	ND	18.2	10	55		11	61		40-140	10		30
4-Chloroaniline	ND	18.2	13	72		10	55		40-140	26		30
2-Nitroaniline	ND	18.2	13	72		13	72		52-143	0		30
3-Nitroaniline	ND	18.2	11	61		12	66		25-145	9		30

Matrix Spike Analysis
Batch Quality Control

Project Name: MANCHE. 5474S-18
Project Number: Not Specified
Lab Number: L2028734
Report Date: 07/15/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1391278-4 WG1391278-5 QC Sample: L2028734-03 Client ID: RW-3												
4-Nitroaniline	ND	18.2	12	66		12	66		51-143	0		30
Dibenzofuran	ND	18.2	11	61		12	66		40-140	9		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	12	66		12	66		2-134	0		30
Acetophenone	ND	18.2	12	66		11	61		39-129	9		30
2,4,6-Trichlorophenol	ND	18.2	12	66		14	77		30-130	15		30
p-Chloro-m-cresol	ND	18.2	12	66		13	72		23-97	8		30
2-Chlorophenol	ND	18.2	12	66		12	66		27-123	0		30
2,4-Dichlorophenol	ND	18.2	14	77		14	77		30-130	0		30
2,4-Dimethylphenol	ND	18.2	9.8	54		12	66		30-130	20		30
2-Nitrophenol	ND	18.2	14	77		15	83		30-130	7		30
4-Nitrophenol	ND	18.2	12	66		12	66		10-80	0		30
2,4-Dinitrophenol	ND	18.2	16.J	88		16.J	88		20-130	0		30
4,6-Dinitro-o-cresol	ND	18.2	16	88		17	94		20-164	6		30
Phenol	ND	18.2	8.3	46		8.7	48		12-110	5		30
2-Methylphenol	ND	18.2	12	66		12	66		30-130	0		30
3-Methylphenol/4-Methylphenol	ND	18.2	12	66		13	72		30-130	8		30
2,4,5-Trichlorophenol	ND	18.2	13	72		14	77		30-130	7		30
Carbazole	ND	18.2	12	66		13	72		55-144	8		30
Atrazine	ND	18.2	13	72		14	77		40-140	7		30
Benzaldehyde	ND	18.2	11	61		10	55		40-140	10		30
Caprolactam	ND	18.2	9.6J	53		9.6J	53		10-130	0		30
2,3,4,6-Tetrachlorophenol	ND	18.2	15	83		16	88		40-140	6		30

Matrix Spike Analysis

Batch Quality Control

Project Name: MANCHE. 5474S-18 ***Lab Number:*** L2028734

Project Number: Not Specified ***Report Date:*** 07/15/20

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1391278-4 WG1391278-5 QC Sample: L2028734-03 Client ID: RW-3												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	88		89		10-120
2-Fluorobiphenyl	57		60		15-120
2-Fluorophenol	54		59		21-120
4-Terphenyl-d14	69		69		41-149
Nitrobenzene-d5	69		75		23-120
Phenol-d6	53		52		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: MANCHE. 5474S-18
Project Number: Not Specified
Lab Number: L2028734
Report Date: 07/15/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1391279-4 WG1391279-5 QC Sample: L2028734-03 Client ID: RW-3												
Acenaphthene	ND	3.64	2.7	74		2.8	77		40-140	4		40
2-Chloronaphthalene	ND	3.64	3.2	88		3.4	94		40-140	6		40
Fluoranthene	ND	3.64	3.2	88		3.4	94		40-140	6		40
Hexachlorobutadiene	ND	3.64	3.4	94		3.5	96		40-140	3		40
Naphthalene	ND	3.64	2.6	72		2.7	74		40-140	4		40
Benzo(a)anthracene	ND	3.64	2.9	80		3.1	85		40-140	7		40
Benzo(a)pyrene	ND	3.64	3.1	85		3.4	94		40-140	9		40
Benzo(b)fluoranthene	ND	3.64	3.1	85		3.2	88		40-140	3		40
Benzo(k)fluoranthene	ND	3.64	3.2	88		3.6	99		40-140	12		40
Chrysene	ND	3.64	2.9	80		3.1	85		40-140	7		40
Acenaphthylene	ND	3.64	3.2	88		3.4	94		40-140	6		40
Anthracene	ND	3.64	2.9	80		3.0	83		40-140	3		40
Benzo(ghi)perylene	ND	3.64	3.0	83		3.2	88		40-140	6		40
Fluorene	ND	3.64	2.9	80		3.2	88		40-140	10		40
Phenanthrene	ND	3.64	2.7	74		2.9	80		40-140	7		40
Dibenzo(a,h)anthracene	ND	3.64	3.2	88		3.4	94		40-140	6		40
Indeno(1,2,3-cd)pyrene	ND	3.64	3.0	83		3.2	88		40-140	6		40
Pyrene	ND	3.64	3.2	88		3.5	96		40-140	9		40
2-Methylnaphthalene	ND	3.64	3.0	83		3.1	85		40-140	3		40
Pentachlorophenol	ND	3.64	3.3	91		3.4	94		40-140	3		40
Hexachlorobenzene	ND	3.64	3.2	88		3.4	94		40-140	6		40
Hexachloroethane	ND	3.64	2.5	69		2.6	72		40-140	4		40

Matrix Spike Analysis

Batch Quality Control

Project Name: MANCHE. 5474S-18 ***Lab Number:*** L2028734

Project Number: Not Specified ***Report Date:*** 07/15/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1391279-4 WG1391279-5 QC Sample: L2028734-03 Client ID: RW-3												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	20		22		10-120
2-Fluorobiphenyl	18		19		15-120
2-Fluorophenol	**11**	Q	**13**	Q	21-120
4-Terphenyl-d14	**22**	Q	**23**	Q	41-149
Nitrobenzene-d5	**16**	Q	**16**	Q	23-120
Phenol-d6	10		11		10-120

Project Name: MANCHE. 5474S-18
Project Number: Not Specified

Lab Number: L2028734
Report Date: 07/15/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2028734-01A	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-01B	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-01C	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-01D	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-01E	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-02A	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-02B	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-02C	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-02D	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-02E	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-03A	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-03A1	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-03A2	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-03B	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-03B1	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-03B2	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-03C	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-03C1	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-03C2	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-03D	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-03D1	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-03D2	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: MANCHE. 5474S-18
Project Number: Not Specified

Lab Number: L2028734
Report Date: 07/15/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2028734-03E	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-03E1	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-03E2	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-04A	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-04B	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-04C	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-04D	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-04E	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-05A	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-05B	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-05C	Vial HCl preserved	B	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2028734-05D	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-05E	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-06A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2028734-06B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2028734-06C	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2028734-06D	Amber 250ml unpreserved	A	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-06E	Amber 250ml unpreserved	A	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-07A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2028734-07B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2028734-07C	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2028734-07D	Amber 250ml unpreserved	A	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-07E	Amber 250ml unpreserved	A	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-08A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2028734-08B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2028734-08C	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2028734-08D	Amber 250ml unpreserved	A	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-08E	Amber 250ml unpreserved	A	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: MANCHE. 5474S-18
Project Number: Not Specified

Lab Number: L2028734
Report Date: 07/15/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2028734-09A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2028734-09B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2028734-09C	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2028734-09D	Amber 250ml unpreserved	A	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-09E	Amber 250ml unpreserved	A	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-10A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2028734-10B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2028734-10C	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2028734-10D	Amber 250ml unpreserved	A	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-10E	Amber 250ml unpreserved	A	7	7	4.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2028734-11A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L2028734-11B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	MANCHE. 5474S-18	**Lab Number:**	L2028734
Project Number:	Not Specified	**Report Date:**	07/15/20

GLOSSARY

Acronyms

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

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

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

EPA - Environmental Protection Agency.

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

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

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

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

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

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

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

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

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

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

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

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

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

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

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

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

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

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

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

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	MANCHE. 5474S-18	**Lab Number:**	L2028734
Project Number:	Not Specified	**Report Date:**	07/15/20

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

Terms

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

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

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

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

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

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

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

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

Data Qualifiers

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

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

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

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

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

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration. (DoD and NYSDEC Part 375 PFAS only.)

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

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

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	MANCHE. 5474S-18	**Lab Number:**	L2028734
Project Number:	Not Specified	**Report Date:**	07/15/20

Data Qualifiers

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name:	MANCHE. 5474S-18	**Lab Number:**	L2028734
Project Number:	Not Specified	**Report Date:**	07/15/20

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

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

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

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

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 7/9/20

ALPHA Job #: L2028734

Client Information
Client: DAY Environmental, Inc.
Address: 1563 Lyell Ave.
Rochester, NY 14606
Phone: 585-454-0210
Fax: -
Email: hmiller@daymail.net

Project Information
Project Name: Manche. 54745-18
Project Location: 147 State St., Manchester NY
Project #
(Use Project name as Project #) ☒
Project Manager: Ray Kampff
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL + CP-51 VOCs 8260	TCL + CP-51 SVOCs 8270	Sample Specific Comments	Total Bottle
28734-01	MW-6	7-7-2020	10:45	GW	HM	X	X		5
-02	MW-5		11:47						5
-03	RW-3		12:35					MS/MSD	15
-04	MW-3		13:41						5
-05	RW-1		15:09						5
-06	MW-4	7-8-2020	9:31						5
-07	RW-2		10:29						5
-08	MW-A		12:06						5
-09	MW-2		13:45						5
-10	FB07082020		11:30	DI					5

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code:
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	A
Preservative	B	A

Relinquished By:	Date/Time	Received By:	Date/Time
	7-8-2020		
T Cunningham AAL	7/8/20 15:27	T Cunningham AAL	7/8/20 15:27
			7/9/20 0035

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 7/9/20

ALPHA Job #: L2028734

Client Information
Client: DAY Environmental, Inc.
Address: 1563 Lyell Ave. Rochester, NY 14606
Phone: 585-454-0210
Fax:
Email: hmiller@daymail.net

Project Information
Project Name: Manche. 54745-18
Project Location: 147 State St., Manchester, NY
Project #
(Use Project name as Project #) ☒
Project Manager: Ray Kampff
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL + CP-51 VOCs 8260	Sample Specific Comments	Total Bottles
28734-11	TB07082020	7-8-2020	NA	DI	HM²	X		2

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type: V
Preservative: B

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7-8-2020 1	RCunningham AAL	7/8/20 15:27
RCunningham AAL	7/8/20 15:37	[signature]	7/9/20 00:25

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