



January 27, 2023

Mr. Adam Morgan
Assistant Environmental Engineer
Division of Environmental Remediation
NYSDEC Region 8
6274 East Avon-Lima Road
Avon, New York 14414

Re: Periodic Review Report

For the Period of December 31, 2021 to December 31, 2022
Former Vogt Manufacturing Site
(100 and 142 Fernwood Avenue, 31, 35, and 41 Rosemary Drive,
and 25, 29, 33, 39, 43, 49, and 55 Ilex Place)
Rochester, New York 14621
NYSDEC BCP Site No. C828119
LaBella Project No. 2221810

Dear Mr. Morgan,

LaBella Associates, D.P.C. (“LaBella”) is pleased to submit this Periodic Review Report (PRR) for the Former Vogt Manufacturing Site located at 100 and 142 Fernwood Avenue, 31, 35, and 41 Rosemary Drive, and 25, 29, 33, 39, 43, 49, and 55 Ilex Place, in the City of Rochester, Monroe County, New York (hereinafter collectively referred to as the “Site,” but also commonly referred to as the “100 Fernwood Ave Site”). The Site is designated New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C828119. A Site Location Map is included as Figure 1.

BACKGROUND

LaBella was retained by the current property owner, the Rochester Housing Authority, to assist with the environmental monitoring and reporting requirements associated with the Site. Monitoring and reporting requirements are outlined in the Site Management Plan (SMP) currently established for the Site (SMP prepared by Day Environmental and dated December, 2009). In accordance with the requirements of the SMP, NYSDEC *DER-10: Technical Guidance for Site Investigation and Remediation* (dated May 2010), and the guidelines provided by the NYSDEC in their reminder letter dated November 8, 2022, annual groundwater monitoring, quarterly light non-aqueous phase liquid (LNAPL) monitoring, and an annual Site-wide inspection are required to be completed each year.

A summary of the status and condition of institutional controls (ICs) and engineering controls (ECs) presently implemented at the Site are summarized in the following sections. Data from the 2022 groundwater monitoring event is also summarized.

INSTITUTIONAL CONTROLS

ICs have been complied with during the 2022 certification period, including compliance with the required monitoring and reporting procedures outlined in the SMP. Groundwater is not being used at the Site and there are no apparent ground or subsurface disturbances. There are currently no buildings present on the Site, and none are currently under construction.



As has been the case for the past two reporting periods and despite additional effort, MW-7 is not locatable. It is notable that MW-7 is not required to be sampled (per the SMP), and LNAPL has not historically been detected in this well. As such, the inability to locate or assess MW-7 is not considered a monitoring deficiency.

Institutional Controls are certified in the form included as Appendix 3.

ENGINEERING CONTROLS

Damage to the above-grade components of the in situ bioremediation system was discovered during one of the routine monitoring events (April 25-27, 2022). The damage was apparently a result of vandalism, which included the vent stack / piping and fans. The damage was reported to the NYSDEC and a plan to replace the damaged system components was established. The repairs were made on May 19, 2022. The bioremediation system otherwise remains in proper operation and compliance.

The Site is sparsely vegetated and the subsurface does not appear to have been disturbed during the certification period. Some illegal dumping of waste to the ground surface (including a drum of oil and construction debris) was discovered during the same routine monitoring event that identified the damage to the bioremediation system (April 25-27, 2022). The drum of abandoned oil was characterized by laboratory analysis and removed from the Site on July 5, 2022, for appropriate off-site disposal.

Fencing and a lockable gate have since been added to the southern perimeter of the Site (along Fernwood Avenue) by the Rochester Housing Authority to discourage future vandalism and illegal dumping.

There are no buildings currently constructed on the Site.

In summation, ECs are presently in compliance at the Site. Engineering Controls are certified in the form included as Appendix 3.

MONITORING

This PRR includes the time period from December 31, 2021 through December 31, 2022, with the following monitoring events summarized:

| Date(s) | Monitoring Performed | Additional Notes / Findings |
|-------------------|---|---|
| February 9, 2022 | Quarterly LNAPL Recovery | None |
| April 25-27, 2022 | Quarterly LNAPL Recovery Annual Groundwater Sampling | During this event, LaBella discovered that the existing remedial system had been damaged, and that waste had been illegally dumped at the Site. |
| May 19, 2022 | Interim Site Inspection | Repairs to the remedial system completed and system appears to be in proper operation. |
| June 1, 2022 | Interim Site Inspection | Characterization samples for waste drums (i.e., IDW, purgewater, and recovered LNAPL) and illegally-dumped drums collected. |

(continued on next page)



| Date(s) | Monitoring Performed | Additional Notes / Findings |
|-------------------|--|---|
| July 5, 2022 | Interim Site Inspection | Waste drums and illegally-dumped drums removed from Site by certified contractor and appropriately disposed off-site. |
| August 22, 2022 | Quarterly LNAPL Recovery | Fencing installed to discourage potential future illegal dumping. |
| November 28, 2022 | Quarterly LNAPL Recovery Annual Site Inspection | None |

Quarterly LNAPL Monitoring

LNAPL monitoring and recovery is presently required to occur on a Quarterly basis at the Site. Four (4) such events occurred during the reporting period to comply with this monitoring requirement. LNAPL is recovered from the wells using dedicated bailers. In total, approximately 0.53 gallons of LNAPL were recovered from the subsurface in 2022. Approximately 22.82 gallons of LNAPL have been recovered since 2010. The attached Table 1 (Periodic LNAPL Recovery Log) includes the cumulative volume of LNAPL removed from wells at the Site over time. Wells in which LNAPL was observed in 2022 include MW-6, MW-8, MW-12, MW-16, and MWIRM-3, which is consistent with historic LNAPL monitoring at the Site. It is notable that approximately 0.50 of the 0.53 gallons of LNAPL recovered (94.3%) came from MWIRM-3. Refer to Figure 2 for well locations and a depiction of where LNAPL is observed.

Annual Groundwater Monitoring / Sampling

Annual groundwater monitoring was completed in accordance with the SMP. Static water level measurements and LNAPL measurements were collected from sixteen (16) monitoring wells on April 25, 2022 (Monitoring well MW-7 could not be located and measurements from this well were not obtained). Refer to Table 2 for a summary of static water level measurements, LNAPL measurements, groundwater elevations, and modified groundwater elevations for wells containing LNAPL. Refer to Figure 3 depicting groundwater elevation contours created using the measurements collected on April 25, 2022. Based on the data, groundwater appears to flow radially outwards from north of the former Site building.

Groundwater samples were collected via low-flow techniques from groundwater monitoring wells MW-1, MW-2, MW-3, MW-5, MW-8, MW-14, MWIRM-2, and MWIRM-3 on April 25 through April 27, 2022. Prior to sampling, wells were purged using a bladder pump. During the purging process the following water quality parameters were collected from each well at five (5) minute intervals until stabilized for three (3) consecutive intervals within the ranges listed for each parameter, or until the well ran dry:

- Water level drawdown (<0.3')
- pH (+/- 0.1)
- Specific conductivity (+/- 3%)
- Oxidation reduction potential (+/- 10 millivolts)
- Turbidity (+/- 10%, <50 NTU for metals)
- Temperature (+/- 3%)
- Dissolved Oxygen (+/- 10%)

Low-flow groundwater purging and sampling logs are included as Appendix 1.

Groundwater samples were delivered under chain-of-custody procedures to Alpha Analytical, Inc. (Alpha), located in Westborough, Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified analytical laboratory. Samples were analyzed for the following parameters as specified in the SMP:



- Target compound list (TCL) volatile organic compounds (VOCs) including tentatively identified compounds (TICs) via USEPA method 8260C
- TCL semi-volatile organic compounds (SVOCs) including TICs via USEPA method 8270D/8270D-SIM
- Nitrate, ferrous iron, manganese, sulfate, methane, and chloride via methods 4500NO3/3500/3005A/9038/8260C/9251, respectively.

The following quality assurance/quality control (QA/QC) sampling was also completed:

- A matrix spike/matrix spike duplicate (MS/MSD) and a blind duplicate was collected from monitoring well MWIRM-2 and analyzed for the above listed parameters.
- A Trip Blank sample was submitted for analysis of VOCs.

Refer to the section below entitled “Groundwater Sampling Results” as well as Tables 3 through 11 for a summary of compounds detected during this monitoring event and previous monitoring events. The laboratory provided ASP Category B data deliverables, included within Appendix 4.

Annual Site Inspection

An annual site-wide inspection is required to be completed each year. During this reporting period, additional “interim” site inspections occurred in connection with the discovery that components of the bioremediation system had become damaged and waste had been dumped at the Site. The annual inspection on November 28, 2022 verified that the Site is presently in compliance, as described above. A completed Annual Site-Wide Inspection Form is included as Appendix 2.

GROUNDWATER SAMPLING RESULTS

Summaries of detected compounds in groundwater samples are provided in Tables 3 through 10. The tables also include historical data collected from the Site. Results were compared to NYSDEC Technical and Operational Guidance Series (TOGS 1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (“Groundwater Quality Standards”). A cumulative summary of QA/QC sample results is provided in Table 11. Graphs depicting total concentrations of VOCs and SVOCs since 2009 are also provided at the end of the attached Tables section.

VOCs:

Concentrations of VOCs did not exceed Groundwater Quality Standards in monitoring wells MW-1, MW-2, MW-3, MW-5, MW-14, and MWIRM-2; however, VOCs exceed Groundwater Quality Standards in the following wells:

| WELL ID | VOCS EXCEEDING GROUNDWATER QUALITY STANDARDS |
|---------|--|
| MW-8 | xylenes |
| MWIRM-3 | benzene, xylenes |

SVOCs:

Concentrations of SVOCs did not exceed Groundwater Quality Standards in monitoring wells MW-1, MW-2, MW-3, MW-14, and MWIRM-2; however, SVOCs exceed Groundwater Quality Standards in the following wells:



| WELL ID | SVOCs EXCEEDING GROUNDWATER QUALITY STANDARDS |
|---------|---|
| MW-5 | benzo(a)anthracene, benzo(b)fluoranthene, and chrysene |
| MW-8 | naphthalene, 1,1-biphenyl, acenaphthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene, and bis(2-ethylhex)phthalate |
| MWIRM-3 | acenaphthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, bis(2-ethylhex)phthalate |

MNA Parameters:

Concentrations of laboratory-measured MNA parameters exceed Groundwater Quality Standards in MW-1 (iron), MW-5 (iron, manganese) MW-8 (iron, manganese), MW-14 (iron, manganese), MWIRM-2 (iron) and MWIRM-3 (iron, manganese).

DRUM DISPOSAL

During this reporting period, LaBella characterized and removed five (5) drums of waste from the Site. The following table summarizes the waste that was disposed off-site during this reporting period:

| Drum No. | Drum Type | Contents | Source | Characterization / Sampling |
|----------|----------------|--|---|--|
| 1 | 55-gal steel | ~20 gallons of Oil w/some groundwater | LNAPL recovered from ~3 years of periodic site monitoring | In addition to 3 years of site groundwater data, sample Oil-02 (Alpha Analytical Lab Report L2228655 dated 6/27/22) – Composite with Drum No. 4 |
| 2 | 55-gal steel | ~40 gallons of Oil-impacted groundwater | Purgewater from ~3years of periodic site sampling | In addition to 3 years of site groundwater data, sample W-01 (Alpha Analytical Lab Report L2228655 dated 6/27/22) |
| 3 | 55-gal steel | Half-full of plastic (sampling / monitoring waste) | Apparently left on-site by previous engineer/consultant (Day Environmental) | None (plastic waste) |
| 4 | 55-gal steel | ~20 gallons of Oil w/some groundwater | Apparently left on-site by previous engineer/consultant (Day Environmental) | In addition to historical site groundwater data, sample Oil-02 (Alpha Analytical Lab Report L2228655 dated 6/27/22) – Composite with Drum No. 1 |
| 5 | 55-gal plastic | ~55 gallons of apparent waste oil | Illegally dumped on-site (source unknown) | Sample Oil-01 (Alpha Analytical Lab Report L2228655 dated 6/27/22) |

The supplemental characterization / sampling data (laboratory report) is included in Appendix 4. Drums were picked-up and removed from the Site by an appropriately-certified contractor (Sun Environmental) on July 5, 2022. Disposal information (manifests) are included as Appendix 5.

After removal of the five (5) drums described above, two (2) new / empty 55-gal steel drums were delivered to the Site and labeled. Purge water and LNAPL generated from future monitoring shall be stored in the new drums, pending future characterization and disposal.



GENERAL ASSESSMENT AND SUMMARY

ICs and ECs appear to be functioning as designed, and no new findings or conclusions regarding soil and groundwater contamination at the Site have been made during this reporting period.

Illegal waste dumping and damage to ECs was observed during this reporting period (discovered at the time of the annual groundwater sampling event in April 2022). The damaged ECs were promptly repaired, waste was appropriately characterized and disposed of, and fencing with a lockable gate was installed along Fernwood Avenue to deter future illegal dumping.

ALTERATIONS TO MONITORING PLAN

Quarterly monitoring and recovery of LNAPL shall continue on a quarterly basis; however, it is notable that approximately 94.3% of LNAPL recovered in 2022 came from monitoring well MWIRM-3, and that less frequent monitoring of other wells may soon be recommended.

Monitoring well MW-1 consistently yields little groundwater. For future groundwater sampling events at MW-1, it is proposed that sampling be performed by the use of a single-use disposable HDPE bailer, rather than low flow techniques. Sampling of all other wells shall continue via low-flow techniques.

At this Site, MNA laboratory data (nitrate, iron, manganese, sulfate, methane, and chloride) yields little information of use or benefit. It is proposed that future monitoring events abandon the collection of groundwater for MNA lab parameters. Field MNA parameters (DO, ORP, turbidity, conductivity, pH, and temperature) shall continue to be monitored.

No other changes to the monitoring plan are recommended at this time.

CLOSING

If you have any questions or require additional information, please do not hesitate to contact me directly at (607) 280-2628, or at dbrantner@labellapc.com.

Sincerely,

LABELLA ASSOCIATES, D.P.C.



Drew Brantner
Project Manager

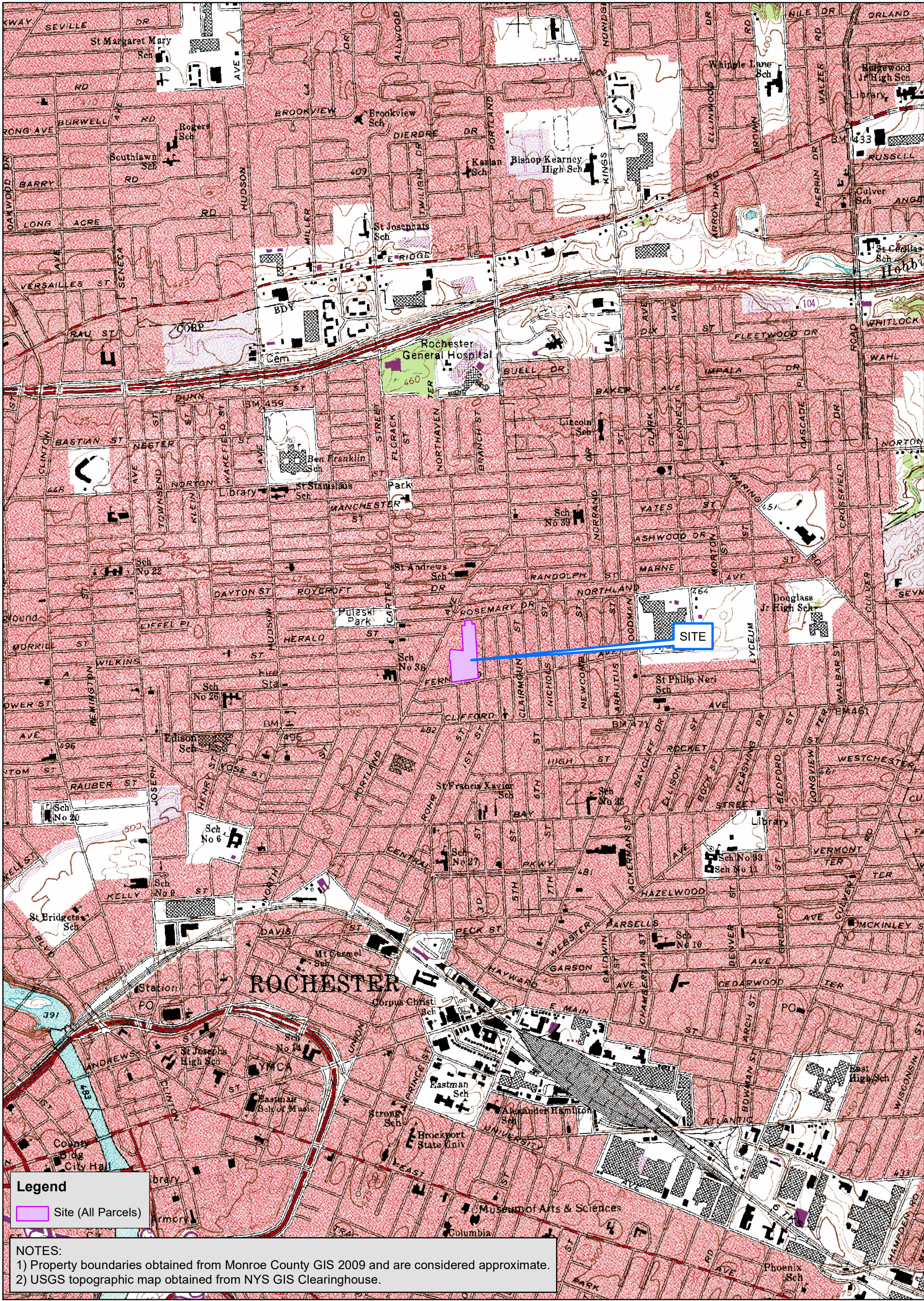
ATTACHMENTS:

- Figure 1 – Site Location Map
- Figure 2 – Site Layout & Wells with Compounds Above Groundwater Quality Standards
- Figure 3 – Groundwater Elevation Contours
- Table 1 – Periodic LNAPL Recovery Log
- Table 2 – Groundwater Elevation Data
- Tables 3-11 – Groundwater Sampling Data
- Graphs – Total VOCs & SVOCs (2009-2022)
- Appendix 1 – Field Logs
- Appendix 2 – Annual Site-Wide Inspection Form (November 28, 2022)
- Appendix 3 – IC/EC Certification Form
- Appendix 4 – Laboratory Reports
- Appendix 5 – Drum Disposal Information (Manifests)





FIGURES



PROJECT #/DRAWING #/ DATE

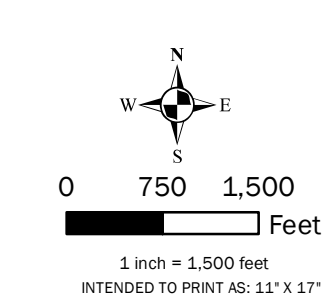
2221810

FIGURE 1

1/17/2023

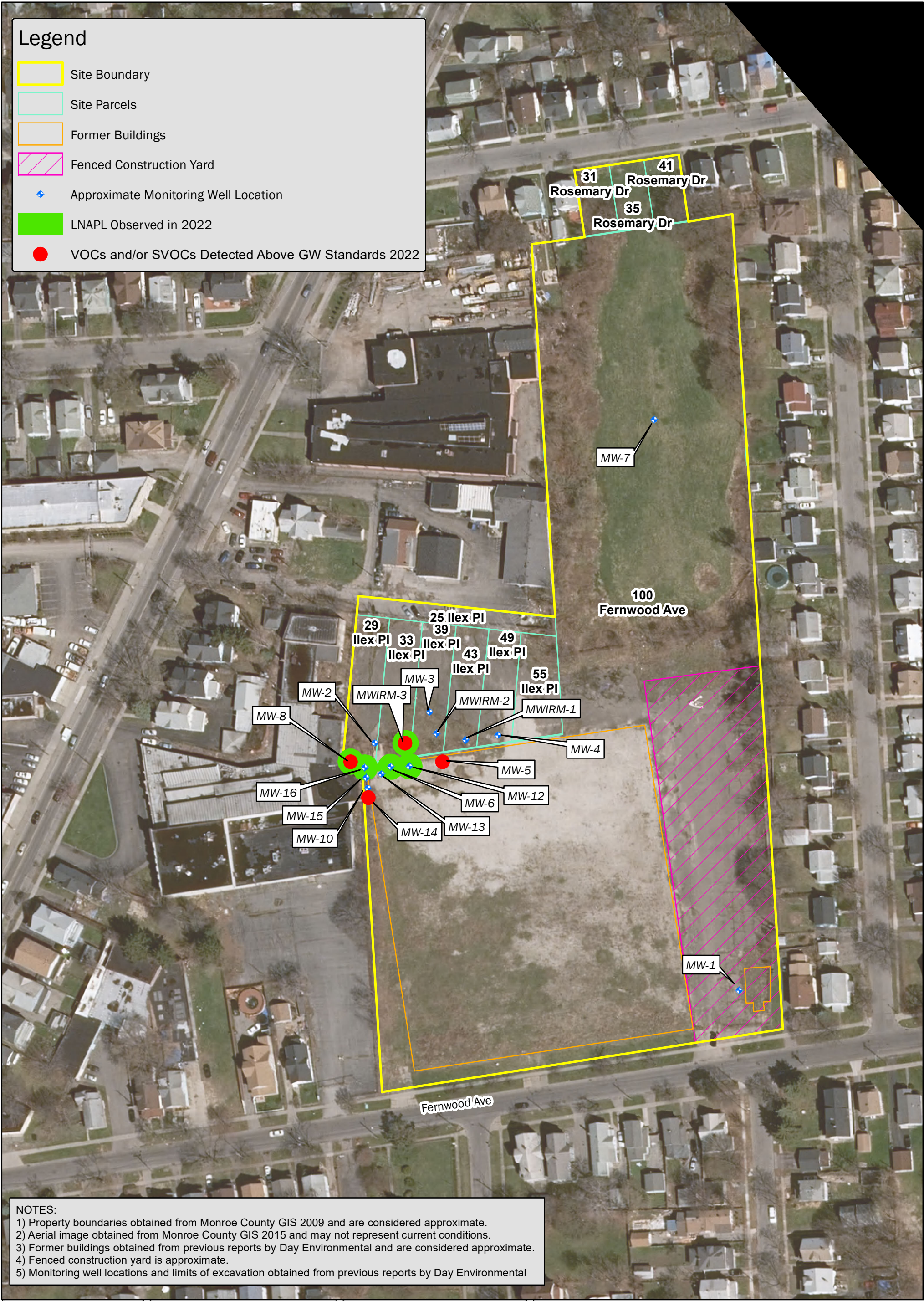
SITE LOCATION MAP

FORMER VOGT
MANUFACTURING
NYSDEC BCP #C828119
100 FERNWOOD AVE
ROCHESTER, NY

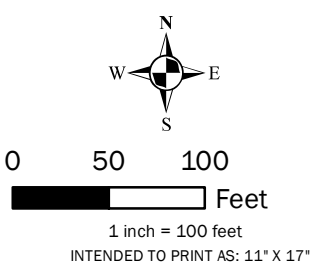


Legend

- Site Boundary
- Site Parcels
- Former Buildings
- Fenced Construction Yard
- + Approximate Monitoring Well Location
- LNAPL Observed in 2022
- VOCs and/or SVOCs Detected Above GW Standards 2022



NOTES:
 1) Property boundaries obtained from Monroe County GIS 2009 and are considered approximate.
 2) Aerial image obtained from Monroe County GIS 2015 and may not represent current conditions.
 3) Former buildings obtained from previous reports by Day Environmental and are considered approximate.
 4) Fenced construction yard is approximate.
 5) Monitoring well locations and limits of excavation obtained from previous reports by Day Environmental

| | | | |
|---|--|---|--|
| PROJECT #/DRAWING #/ DATE <div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">2221810</div> <div style="border: 1px solid black; padding: 2px; width: fit-content; margin-bottom: 5px;">FIGURE 2</div> 1/24/2023 | SITE LAYOUT & WELLS WITH COMPOUNDS ABOVE GROUNDWATER QUALITY STANDARDS | FORMER VOGT MANUFACTURING NYSDEC BCP #C828119 100 FERNWOOD AVE ROCHESTER, NY |  <p>0 50 100 Feet 1 inch = 100 feet INTENDED TO PRINT AS: 11" X 17"</p> |
|---|--|---|--|





TABLES

Table 1
Former Vogt Manufacturing
100 Fernwood Ave, Rochester NY 14621
NYSDEC Site #C828119
LaBella Project #2221.810

Periodic LNAPL Recovery (Gallons)

| Date | MW-1 | MW-2 | MW-3 | MW-4 | MW-5 | MW-6 | MW-7 | MW-8 | MW-9 | MW-10 | MW-11 | MW-12 | MW-13 | MW-14 | MW-15 | MW-16 | MWIRM-1 | MWIRM-2 | MWIRM-3 | Cumulative LNAPL Removed (Gallons) | |
|------------|------|------|------|------|------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|------------------------------------|------|
| 11/5/2008 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.46 | 0.76 |
| 11/21/2008 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.40 |
| 12/4/2008 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.53 |
| 12/18/2008 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 |
| 1/13/2009 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.29 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 |
| 2/26/2009 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 |
| 3/19/2009 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.05 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 |
| 4/23/2009 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.02 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.12 | 0.00 | 0.00 | 0.00 | 0.12 | 0.35 |
| 5/15/2009 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.29 |
| 6/29/2009 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 |
| 8/14/2009 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 |
| 9/10/2009 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.04 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 |
| 11/20/2009 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 | 0.06 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 |
| 1/7/2010 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 | 0.03 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 |
| 2/25/2010 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.24 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.36 |
| 4/6/2010 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.05 | NA | 0.03 | NA | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.23 |
| 10/27/2010 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.00 | 0.12 | NA | 0.12 | NA | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.47 |
| 11/8/2010 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.47 | 0.00 | 0.11 | NA | 0.05 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 |
| 12/3/2010 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.33 | 0.00 | 0.12 | NA | 0.12 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.57 |
| 3/24/2011 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 0.00 | 0.20 | NA | 0.00 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.83 |
| 4/21/2011 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.00 | 0.12 | NA | 0.01 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.39 |
| 4/25/2011 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | NA | 0.00 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 |
| 4/26/2011 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.14 | NA | 0.00 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 |
| 5/24/2011 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.18 | 0.00 | 0.05 | NA | 0.12 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | NA | NA | NA | NA | 0.35 |
| 7/28/2011 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.29 | 0.00 | 0.16 | NA | 0.04 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.49 |
| 8/26/2011 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | 0.00 | 0.12 | NA | 0.13 | NA | 0.01 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.78 |
| 10/17/2011 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.00 | 0.00 | NA | 0.05 | NA | 0.07 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.37 |
| 10/18/2011 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.00 | 0.12 | NA | 0.00 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 |
| 1/19/2012 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 | 0.00 | 0.00 | NA | 0.00 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 |
| 10/20/2017 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | NA | 0.00 | NA | 0.09 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.05 | 0.23 |
| 11/7/2017 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.00 | 0.01 | NA | 0.00 | NA | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.29 |
| 12/20/2017 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | NA | 0.00 | NA | 0.34 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 | 0.00 | 0.16 | 0.64 |
| 1/12/2018 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 |
| 2/27/2018 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.60 |
| 3/26/2018 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.54 |
| 4/20/2018 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.52 |
| 6/14/2018 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.75 | 1.12 |
| 7/18/2018 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.58 |
| 8/17/2018 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.48 |
| 9/26/2018 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.70 |
| 4/29/2019 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | NA | 0.00 | NA | 0.00 | NA | 0.38 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.07 | 0.47 |
| 5/31/2019 | NA | 0.00 | 0.00 | 0.00 | 0.00 | <0.01 | NA | <0.01 | NA | 0.00 | NA | 0.16 | 0.00 | 0.00 | 0.00 | <0.01 | 0.00 | 0.00 | <0.01 | 0.00 | 0.16 |
| 7/1/2019 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | NA | 0.01 | NA | 0.00 | NA | 0.09 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.08 | 0.23 |
| 7/25/2019 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | NA | 0.01 | NA | 0.00 | NA | 0.08 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.23 | 0.35 |
| 8/23/2019 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | NA | <0.01 | NA | 0.00 | NA | <0.01 | NA | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.01 | 0.08 |
| 9/27/2019 | NA | 0.00 | 0.00 | 0.00 | 0.00 | <0.01 | NA | <0.01 | NA | 0.00 | NA | 0.02 | 0.00 | 0.00 | 0.00 | <0.01 | 0.00 | 0.00 | 0.00 | 0.42 | 0.44 |
| 10/28/2019 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | NA | <0.01 | NA | 0.00 | NA | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.41 | 0.48 |
| 11/26/2019 | NA | 0.00 | 0.00 | 0.00 | 0.00 | <0.01 | NA | <0.01 | NA | 0.00 | NA | <0.01 | 0.00 | 0.00 | 0.00 | <0.01 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 |
| 12/28/2019 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | NA | <0.01 | NA | 0.00 | NA | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.35 | 0.39 |
| 1/24/2020 | NA | 0.00 | 0.00 | 0.00 | 0.00 | <0.01 | NA | <0.01 | NA | 0.00 | NA | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.18 | 0.20 |
| 3/10/2020 | NA | 0.00 | 0.00 | 0.00 | 0.00 | <0.01 | NA | <0.01 | NA | 0.00 | NA | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.18 | 0.21 |
| 3/27/2020 | NA | 0.00 | 0.00 | 0.00 | 0.00 | <0.01 | NA | <0.01 | NA | 0.00 | NA | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.16 |
| 4/6/2020 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.01 | NA | <0.01 | NA | 0.00 | NA | <0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.25 |
| 5/27/2020 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.01 | NA | <0.01 | NA | 0.00 | NA | <0.01 | 0.00 | 0.00 | 0.00 | <0.01 | 0.00 | 0.00 | 0.00 | 0.10 | 0.10 |
| 6/15/2020 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.01 | NA | <0.01 | NA | 0.00 | NA | <0.01 | 0.00 | 0.00 | 0.00 | <0.01 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 |
| 7/2/2020 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.01 | NA | <0.01 | NA | 0.00 | NA | <0.01 | 0.00 | 0.00 | 0.00 | <0.01 | 0.00 | 0.00 | <0.01 | 0.00 | 0.00 |
| 8/5/2020 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.01 | NA | <0.01 | NA | 0.00 | NA | <0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| 9/10/2020 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | NA | <0.01 | NA | 0.00 | NA | 0.05 | 0.00 | 0.00 | 0.00 | <0.01 | 0.00 | 0.00 | 0.00 | 0.13 | 0.19 |
| 10/12/2020 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | <0.01 | NA | <0.01 | NA | 0.00 | NA | 0. | | | | | | | | | |

Table 2
Former Vogt Manufacturing Site
100 Fernwood Avenue, Rochester, New York
NYSDEC Site #C828119
Groundwater Elevation Data for April 25, 2022

| Well ID | Well Diameter (in) | Top of Casing Elevation (fmsl) | Static Water Level (ft) | Groundwater Elevation (fmsl) | Depth to Top of Free Product (ft) | Free Product Elevation (fmsl) | Free Product Thickness (ft) | Adjusted Groundwater Elevation (fmsl) |
|---------|--------------------|--------------------------------|-------------------------|------------------------------|-----------------------------------|-------------------------------|-----------------------------|---------------------------------------|
| MW-1 | 1 | 486.41 | 5.54 | 480.87 | -- | -- | -- | -- |
| MW-2 | 1 | 484.42 | 4.58 | 479.84 | -- | -- | -- | -- |
| MW-3 | 1 | 486.09 | 5.43 | 480.66 | -- | -- | -- | -- |
| MW-4 | 1 | 488.49 | 6.40 | 482.09 | -- | -- | -- | -- |
| MW-5 | 1 | 488.48 | 6.34 | 482.14 | -- | -- | -- | -- |
| MW-6 | 1 | 488.27 | 6.96 | 481.31 | 6.96 | 481.31 | 0.00 | 481.31 |
| MW-7 | unknown | 484.04 | NA | NA | NA | NA | NA | NA |
| MW-8 | 1 | 484.61 | 5.34 | 479.27 | 5.12 | 479.49 | 0.22 | 479.47 |
| MW-10 | 2 | 483.61 | 3.32 | 480.29 | -- | -- | -- | -- |
| MW-12 | 2 | 488.17 | 7.40 | 480.77 | 7.39 | 480.78 | 0.01 | 480.78 |
| MW-13 | 2 | 488.11 | 7.12 | 480.99 | -- | -- | -- | -- |
| MW-14 | 2 | 483.81 | 3.55 | 480.26 | -- | -- | -- | -- |
| MW-15 | 2 | 483.19 | 2.85 | 480.34 | -- | -- | -- | -- |
| MW-16 | 2 | 483.25 | 2.84 | 480.41 | 2.83 | 480.42 | 0.01 | 480.42 |
| MWIRM-1 | 4 | 491.93 | 11.02 | 480.91 | -- | -- | -- | -- |
| MWIRM-2 | 4 | 490.68 | 9.85 | 480.83 | -- | -- | -- | -- |
| MWIRM-3 | 4 | 490.58 | 9.72 | 480.86 | 9.68 | 480.9 | 0.04 | 480.90 |

Adjusted Groundwater Elevation due to the presence of Free Product = [Product Thickness * Density of Product (0.9)] + Groundwater Elevation

MW-7 could not be located

* sheen observed on MW-16 and MW-6

- indicates no product observed

FMSL = feet above mean sea level

Table 3
Former Vogt Manufacturing Site
100 Fernwood Avenue, Rochester, New York
NYSDEC Site #CB28119
Groundwater Samples from MW-1

| Detected Compound | NYSDEC Groundwater Standard or Guidance Value | MW-1 | MW-1 | MW-1 | MW-1 | MW-1 | MW-1 | MW-1 | MW-1 | MW-1 |
|------------------------------------|---|-----------|-----------|------------|------------|------------|-----------|----------|-----------|-----------|
| | | 9/27/2010 | 4/26/2011 | 10/19/2011 | 10/24/2017 | 4/23/2018 | 4/30/2019 | 4/6/2020 | 4/28/2021 | 4/27/2022 |
| VOCs (µg/L) | | | | | | | | | | |
| Acetone | 50 | U | U | U | 6.45 JB | U | U | U | U | U |
| 1,1,1-Trichloroethane | 5 | U | U | U | U | 0.5 J | U | U | U | U |
| Trichloroethene | 5 | U | U | U | U | U | U J | U | U | U |
| Total TCL VOCs | NA | U | U | U | 6.45 J | 0.5 J | U J | U | U | U |
| Total TICs | NA | U | U | 8.5 J | U | U | 18 J | U | U | U |
| Total TCL VOCs and TICs | NA | U | U | 8.5 J | 6.45 J | 0.5 J | 18 J | U | U | U |
| SVOCs (µg/L) | | | | | | | | | | |
| Acenaphthene | NA | U | U | U | U | U | 0.36 J | U | U | 0.05 J |
| Acenaphthylene | NA | U | U | U | U | U | 0.06 J | U | U | 0.04 J |
| Anthracene | 3.8 | U | U | U | U | U | 0.08 J | U | U | 0.03 J |
| Bis(2-ethylhexyl) phthalate | 5 | U | U | U | 0.653 J | 0.776 J | 2.6 J | U | 1.8 J | U |
| Benzoic Acid | NA | U | U | U | U | 1.57 J | U | U | U | U |
| Caprolactam | NA | U | U | U | U | U | 96 J | U | U | U |
| Fluorene | 0.54 | U | U | U | U | U | 0.3 J | U | U | 0.06 J |
| Fluoranthene | 50 | U | U | U | U | U | U | 0.03 J | U | U |
| Naphthalene | NA | U | U | U | U | U | 0.12 J | U | U | 0.1 J |
| 2-Methylnaphthalene | 10 | U | U | U | U | U | 1.7 J | U | U | U |
| Phenanthrene | 1.5 | U | U | U | U | U | 0.46 J | 0.03 J | U | 0.07 J |
| Pyrene | 4.6 | U | U | U | U | U | 0.04 J | 0.02 J | U | U |
| Total TCL SVOCs | NA | U | U | U | 0.653 J | 2.346 J | 101.72 J | 0.08 J | 1.8 J | 0.35 J |
| Total TICs | NA | 2 J | 2.6 J | 24.2 J | 18 NJ | 33 NJB | 35.4 J | 8.14 J | U | 9.96 J |
| Total TCL SVOCs and TICs | NA | 2 J | 2.6 J | 24.2 J | 18.653 NJ | 35.346 NJB | 137.12 J | 8.22 J | 1.8 J | 10.66 J |
| MNA Lab Parameters | | | | | | | | | | |
| Nitrate (mg/L) | 10 | 1.1 B | 13 | 4.2 B | U | 6.1 | 9.79 R | U | U | 9.1 |
| Iron II (mg/L) | 0.3 | U | U | U | U | U | 0.09 J | 0.09 J | 0.507 | 1.48 |
| Manganese (µg/L) | 300 | 8.6 J | 45.8 | 77.7 | 183 | 26.8 | 7.71 J | 9.66 | 172.2 | 75.81 |
| Sulfate (mg/L) | 250 | 28 | 610 | 380 | 45.1 | 77.1 | 77 | 54 | 877 | 36.9 |
| Methane (µg/L) | NA | U | U | U | U | U | U | U | 9.01 | U |
| Chloride (mg/L) | 250 | 8.5 B | 87 | 26 | 2.5 | 4.8 | 8.6 | 22 | 71.1 | 12.7 |
| MNA Field Parameters | | | | | | | | | | |
| Dissolved Oxygen (mg/L) | NA | 8.04 | 7.31 | 4.78 | 3.17 | 8.64 | 11.75 | 8.09 | 8.42 | 12.34 |
| Oxidation-Reduction Potential (mv) | NA | 137 | 119 | 286 | 9.8 | 189.5 | 154.3 | 212.8 | 156.6 | 138.3 |
| Turbidity (NTU) | NA | 76.8 | 204 | 450 | 60.3 | 32.8 | 10.93 | 16.47 | 347.75 | 111.44 |
| Conductivity (mS/cm) | NA | 0.701 | 2.23 | 1.56 | 0.715 | 0.76 | 0.79 | 0.788 | 0.778 | 0.746 |
| pH | NA | 7.59 | 7.88 | 7.97 | 7.25 | 7.1 | 6.72 | 7.23 | 6.91 | 6.95 |
| Temperature (°C) | NA | 16.18 | 6.81 | 7.98 | 16.2 | 19.9 | 11.5 | 9.9 | 12.2 | 8.3 |

Data prior to 2019 obtained from previous reports by Day Environmental, Inc.

Yellow highlight indicated value exceeds applicable groundwater standard or guidance value

U = Not detected at concentration above reported analytical laboratory detection limit

N = Analyte passed identification criteria and is considered to be positively identified

B = Compound also detected in associated method blank or field blank

TIC = Tentatively Identified Compound

J = Estimated Value

NA = Not Available

R indicates result rejected in the DUSR

Table 4
Former Vogt Manufacturing Site
100 Fernwood Avenue, Rochester, New York
NYSDEC Site #C828119
Groundwater Samples from MW-2

| Detected Compound | NYSDEC Groundwater Standard or Guidance Value | MW-2 | MW-2 | MW-2 | MW-2 | MW-2 | MW-2 | MW-2 | MW-2 | MW-2 |
|------------------------------------|---|-----------|-----------|------------|------------|-----------|-----------|----------|-----------|-----------|
| | | 9/27/2010 | 4/25/2011 | 10/20/2011 | 10/23/2017 | 4/24/2018 | 4/29/2019 | 4/7/2020 | 4/27/2021 | 4/25/2022 |
| VOCs (µg/L) | | | | | | | | | | |
| Acetone | 50 | U | U | U | 3.09 JB | U | U | U | U | U |
| Chloromethane | NA | U | U | U | 0.4 J | U | U | U | U | U |
| Cis-1,2 Dichloroethane | 5 | U | U | U | 0.38 J | U | U | U | U | U |
| 1,1-Dichloroethane | 5 | U | U | U | U | U | 1.2 J | U | U | U |
| Trichloroethene | 5 | 5.2 J | 4.2 J | U | 1.9 J | 2.15 J | 2.9 J | 2.4 J | 3.1 J | 2.6 J |
| Tetrachloroethene | 5 | 2.2 J | U | U | 0.74 J | 1.1 J | 1.0 J | 0.8 J | 0.99 J | 0.85 J |
| Total TCL VOCs | NA | 7.4 J | 4.2 J | U | 6.51 J | 3.25 J | 5.1 J | 3.2 J | 4.09 J | U |
| Total TICs | NA | U | U | U | U | U | 1.37 J | 2.24 J | U | U |
| Total TCL VOCs and TICs | NA | 7.4 J | 4.2 J | U | 6.51 U | 3.25 J | 6.5 J | 5.4 J | 4.09 J | 3.45 J |
| SVOCs (µg/L) | | | | | | | | | | |
| Acenaphthene | NA | U | U | U | U | U | 0.05 J | 0.17 J | U | U |
| Anthracene | 3.8 | U | U | U | U | U | 0.03 J | 0.06 J | U | U |
| Bis(2-ethylhexyl) phthalate | 5 | U | 1.4 J | U | 0.869 J | 19.3 J | 2.6 J | U | 1.5 J | U |
| Benzo(a)anthracene | NA | U | U | U | U | U | U | U | U | 0.02 J |
| Benzo(a)pyrene | 0.002 | U | U | U | U | U | U | U | 0.02 J | U |
| Benzo(b)fluoranthene | 0.002 | U | U | U | U | U | U | U | 0.03 J | U |
| Benzo(k)fluoranthene | 0.002 | U | U | U | U | U | U | U | 0.01 J | U |
| Benzo(ghi)perylene | na | U | U | U | U | U | U | U | 0.02 J | U |
| Caprolactam | NA | U | U | U | U | U | 11 J | U | U | U |
| Di-n-butylphthalate | NA | U | U | U | U | U | U | 1.9 J | U | U |
| Flourene | 0.54 | U | U | U | U | U | 0.05 J | 0.15 J | 0.02 J | U |
| Indeno(1,2,3-cd)pyrene | 0.002 | U | U | U | U | U | U | U | 0.02 J | U |
| 2-Methylnaphthalene | 10 | U | U | U | 2.68 J | U | 0.19 J | 0.42 J | U | U |
| Naphthalene | NA | U | U | U | 2.04 J | U | U | 0.15 J | 0.05 J | U |
| 1-Methylnaphthalene | NS | U | U | U | 1.46 J | U | U | U | U | U |
| Phenanthrene | 1.5 | U | U | U | U | U | 0.08 J | 0.2 J | U | U |
| Pyrene | 50 | U | U | U | U | U | U | 0.03 J | 0.02 J | U |
| Total TCL SVOCs | NA | U | 1.4 J | U | 7.049 J | 19.3 J | 14 J | 3.08 J | 1.69 J | 0.02 J |
| Total TICs | NA | U | 12.6 NJ | 16.2 J | 66.7 NJ | 11.7 NJB | 177 J | 3.53 J | U | 33.7 J |
| Total TCL SVOCs and TICs | NA | U | 14 NJ | 16.2 J | 73.749 NJ | 31 NJB | 191 J | 6.61 J | 1.69 J | 33.72 J |
| MNA Lab Parameters | | | | | | | | | | |
| Nitrate (mg/L) | 10 | 2.6 B | 0.9 J | 2.5 J | U | U | 0.04 R | 0.098 J | 0.028 J | 0.027 J |
| Iron II (mg/L) | 0.3 | U | U | U | U | U | U | R | U | 0.241 J |
| Manganese (µg/L) | 300 | 46.7 J | 6.2 J | 50.9 J | 449 J | 84.2 J | 26.38 J | 174.00 J | 10.36 J | 110.8 J |
| Sulfate (mg/L) | 250 | 87 B | 81 J | 78 J | 67.6 J | 40.6 J | 43 J | 53 J | 56.5 J | 56.6 J |
| Methane (µg/L) | NA | U | U | 30 J | U | U | 6.65 J | 402 J | U | 2.05 J |
| Chloride (mg/L) | 250 | 19 B | 34 J | 40 B | 7.2 J | 5.3 J | 5.4 J | 44 J | 4.06 J | 3.99 J |
| MNA Field Parameters | | | | | | | | | | |
| Dissolved Oxygen (mg/L) | NA | 4.8 J | 2.67 J | 2.65 J | 0.27 J | 7.65 J | 2.3 J | 0.72 J | 4.90 J | 2.82 J |
| Oxidation-Reduction Potential (mv) | NA | 127 J | 108 J | 93 J | 90.7 J | 134 J | 166 J | 120.4 J | 156.5 J | 127.3 J |
| Turbidity (NTU) | NA | 0 J | 214 J | 273 J | 7.3 J | 130 J | 4.09 J | 0.94 J | 7.70 J | 0.12 J |
| Conductivity (mS/cm) | NA | 7.22 J | 0.84 J | 1.28 J | 0.9 J | 0.5 J | 0.66 J | 0.646 J | 0.849 J | 0.776 J |
| pH | NA | 7.08 J | 7.73 J | 7.68 J | 6.77 J | 7.18 J | 6.74 J | 6.91 J | 6.49 J | 6.51 J |
| Temperature (°C) | NA | 22.47 J | 5.24 J | 7.68 J | 19 J | 9 J | 9.2 J | 8 J | 9.1 J | 10 J |

Data prior to 2019 obtained from previous reports by Day Environmental, Inc.

Yellow highlight indicated value exceeds applicable groundwater standard or guidance value

U = Not detected at concentration above reported analytical laboratory detection limit

N = Analyte passed identification criteria and is considered to be positively identified

B = Compound also detected in associated method blank or field blank

TCL = Target Compound List

TIC = Tentatively Identified Compound

J = Estimated Value

NA = Not Available

R indicates result rejected in the DUSR

Table 5
Former Vogt Manufacturing Site
100 Fernwood Avenue, Rochester, New York
NYSDEC Site #CB28119
Groundwater Samples from MW-3

| Detected Compound | NYSDEC Groundwater Standard or Guidance Value | MW-3 | MW-3 | MW-3 | MW-3 | MW-3 | MW-3 | MW-3 | MW-3 | MW-3 | | | | | | | |
|------------------------------------|---|------------|-----------|-----------|------------|------------|-----------|-----------|----------|-----------|-------|--------|--------|-------|-------|-------|-----|
| | | 11/23/2009 | 9/27/2010 | 4/26/2011 | 10/19/2011 | 10/23/2017 | 4/23/2018 | 4/30/2019 | 4/7/2020 | 4/27/2021 | | | | | | | |
| VOCs (µg/L) | | | | | | | | | | | | | | | | | |
| Acetone | 50 | U | U | U | U | 4.19 | U | U | 2.2 | J | U | | | | | | |
| Chloromethane | NA | U | U | U | U | U | U | U | 0.92 | J | U | | | | | | |
| 1,1-Dichloroethane | 5 | U | U | U | U | U | U | 0.91 | J | U | U | | | | | | |
| Trichloroethene | 5 | U | U | U | U | 1.35 | U | U | 0.18 | J | U | | | | | | |
| Tetrachloroethene | 5 | 4.3 | J | 5.1 | J | 2.5 | J | 5.5 | 6.0 | 3.2 | 1.9 | 3.7 | 4.2 | | | | |
| Total TCL VOCs | NA | 4.3 | J | 5.1 | J | 2.5 | J | 5.5 | 11.5 | J | 3.2 | 2.99 | J | 6.82 | 4.2 | | |
| Total TICs | NA | U | U | U | U | 10 | J | U | U | U | 30.6 | J | 7.82 | J | U | | |
| Total TCL VOCs and TICs | NA | 4.3 | J | 5.1 | J | 2.5 | J | 15.5 | J | 11.5 | J | 3.2 | 33.59 | J | 14.64 | J | 4.2 |
| SVOCs (µg/L) | | | | | | | | | | | | | | | | | |
| Acenaphthylene | NA | U | U | U | U | U | U | U | 0.12 | U | U | U | U | U | U | U | |
| Anthracene | 3.8 | U | U | U | U | U | U | U | 0.15 | 0.06 | J | U | U | U | U | U | |
| Acenaphthene | NA | U | U | U | U | U | U | U | 0.73 | 0.09 | J | U | U | U | U | U | |
| Caprolactam | NA | U | 1.4 | J | U | U | U | NR | NR | 90 | U | U | U | U | U | U | |
| Bis(2-ethylhexyl) phthalate | 50 | U | U | U | U | U | U | 1.21 | J | 0.621 | J | 1.9 | J | U | U | U | |
| Benzo(a)anthracene | NA | U | U | U | U | U | U | U | U | U | U | U | U | U | U | U | |
| Benzo(b)fluoranthene | 0.002 | U | U | U | U | U | U | U | U | U | U | 0.01 | J | U | U | U | |
| Benzoic Acid | NA | U | U | U | U | U | U | U | 1.46 | J | U | U | U | U | U | U | |
| Di-n-butylphthalate | NA | U | U | U | U | U | U | U | U | U | U | 1.8 | J | U | U | U | |
| Fluorene | 0.54 | U | U | U | U | U | U | U | U | 0.56 | 0.1 | U | U | U | U | U | |
| Fluoranthene | 50 | U | U | U | U | U | U | U | U | 0.02 | J | 0.04 | J | U | U | U | |
| Naphthalene | NA | U | U | U | U | U | U | U | U | 1 | 0.08 | J | U | U | U | U | |
| Phenanthrene | NA | U | U | U | U | U | U | U | U | 0.77 | 0.23 | U | U | U | U | U | |
| Pyrene | 4.6 | U | U | U | U | U | U | U | U | 0.08 | J | 0.04 | J | U | U | U | |
| Pentachlorophenol | NA | U | U | U | U | U | U | U | U | U | 0.06 | J | U | U | U | U | |
| 2-Methylnaphthalene | 10 | U | U | U | U | U | U | U | U | 5 | 0.25 | U | U | U | U | U | |
| Total TCL SVOCs | NA | U | 1.4 | J | U | U | U | 1.21 | J | 2.08 | J | 100.33 | J | 0.96 | J | U | |
| Total TICs | NA | U | 29.6 | J | 10.4 | NJ | 19.6 | J | 20 | NJ | 36 | JNB | 76.1 | J | 3.06 | J | U |
| Total TCL SVOCs and TICs | NA | U | 31 | J | 10.4 | NJ | 19.6 | J | 21.21 | NJ | 38.08 | JNB | 176.43 | J | 4.02 | J | U |
| MNA Lab Parameters | | | | | | | | | | | | | | | | | |
| Nitrate (mg/L) | 10 | 2.6 | B | 1.8 | B | 2.2 | 1.8 | B | 1.9 | 1.7 | 1.04 | R | 1.85 | 1.9 | 1.9 | 1.9 | |
| Iron II (mg/L) | 0.3 | U | U | U | U | U | U | U | U | U | U | R | U | 0.259 | 0.259 | 0.259 | |
| Manganese (µg/L) | 300 | 1150 | 35.8 | 304 | 39.7 | 141 | 13.6 | 5.28 | J | 42.44 | 12.81 | 12.81 | 12.81 | 12.81 | 12.81 | 12.81 | |
| Sulfate (mg/L) | 250 | 210 | 190 | 170 | 180 | 75.9 | 57.9 | 66 | 51 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | |
| Methane (µg/L) | NA | U | U | U | U | U | U | U | U | U | U | U | U | U | U | U | |
| Chloride (mg/L) | 250 | 190 | 96 | B | 73 | 86 | 6.2 | 4.7 | 3.4 | 4 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | |
| MNA Field Parameters | | | | | | | | | | | | | | | | | |
| Dissolved Oxygen (mg/L) | NA | 1.98 | 0.44 | 1.23 | 0.62 | 0.04 | 40.4 | 4.72 | 0.71 | 0.79 | 0.79 | 0.79 | 0.79 | 0.79 | 0.79 | 0.79 | |
| Oxidation-Reduction Potential (mv) | NA | 93 | 115 | 49 | 271 | 160 | 135 | 171.8 | 183.2 | 175.5 | 175.5 | 175.5 | 175.5 | 175.5 | 175.5 | 175.5 | |
| Turbidity (NTU) | NA | 88.1 | 36.2 | 156 | 305 | 30 | 61.3 | 2.39 | 4.19 | 5.04 | 5.04 | 5.04 | 5.04 | 5.04 | 5.04 | 5.04 | |
| Conductivity (mS/cm) | NA | 2.16 | 1.74 | 1.67 | 1.69 | 0.91 | 0.84 | 0.83 | 0.819 | 0.883 | 0.883 | 0.883 | 0.883 | 0.883 | 0.883 | 0.883 | |
| pH | NA | 5.84 | 7.29 | 7.67 | 7.94 | 7.01 | 6.85 | 6.84 | 7.02 | 6.68 | 6.68 | 6.68 | 6.68 | 6.68 | 6.68 | 6.68 | |
| Temperature (°C) | NA | 14.78 | 16.78 | 6.36 | 11.08 | 18.3 | 10 | 9.1 | 11 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | |

Data prior to 2019 obtained from previous reports by Day Environmental, Inc.

Yellow highlight indicated value exceeds applicable groundwater standard or guidance value

U = Not detected at concentration above reported analytical laboratory detection limit

N = Analyte passed identification criteria and is considered to be positively identified

B = Compound also detected in associated method blank or field blank

TIC = Tentatively Identified Compound

J = Estimated Value

NA = Not Available

R indicates result rejected in the DUSR



Table 6
Former Vogt Manufacturing Site
100 Fernwood Avenue, Rochester, New York
NYSDEC Site #C828119
Groundwater Samples from MW-5

| Detected Compound | NYSDEC Groundwater Standard or Guidance Value | MW-5 | MW-5 | MW-5 | MW-5 | MW-5 | MW-5 | MW-5 | MW-5 | MW-5 | MW-5 |
|------------------------------------|---|------------|-----------|-----------|------------|------------|-----------|-----------|----------|-----------|-----------|
| | | 11/24/2009 | 9/23/2010 | 4/25/2011 | 10/18/2011 | 10/23/2017 | 4/23/2018 | 4/30/2019 | 4/7/2020 | 4/27/2021 | 4/26/2022 |
| VOCs (µg/L) | | | | | | | | | | | |
| Acetone | 50 | U | U | U | 6.5 J | 3.08 JB | U | U | U | U | U |
| 1,1-Dichloroethane | 5 | U | U | U | U | U | U | 0.83 J | U | U | U |
| Trichloroethene | 5 | U | U | U | U | U | U | U | J | U | U |
| Tetrachloroethene | 5 | U | U | U | U | 0.6 J | 0.52 J | 0.30 J | 0.31 J | 0.50 J | 0.31 J |
| Total TCL VOCs | NA | U | U | U | 6.5 J | 3.71 J | 0.52 J | 1.13 J | 0.31 J | 0.50 J | 0.31 J |
| Total TICs | NA | 6.5 NJ | U | 42.9 NJ | 19 J | U | U | 41.2 J | U | U | U |
| Total TCL VOCs and TICs | NA | 6.5 NJ | U | 42.9 NJ | 25.5 J | 3.71 J | 0.52 J | 42.33 J | 0.31 J | 0.50 J | 0.31 J |
| SVOCs (µg/L) | | | | | | | | | | | |
| Acenaphthylene | NA | U | U | U | U | U | U | 0.07 J | 0.05 J | U | U |
| Anthracene | 3.8 | U | U | U | U | U | U | 0.11 J | 0.04 J | 0.02 J | 0.02 J |
| Acenaphthene | NA | U | U | U | U | U | U | 0.37 J | U | U | 0.02 J |
| Caprolactam | NA | 1.7 J | U | U | U | NR | NR | 130 J | U | U | U |
| Bis(2-ethylhexyl) phthalate | 50 | 3.2 J | 2.2 J | U | 1.1 J | U | 55.9 J | 2.4 J | 9.8 J | U | U |
| Benzoic Acid | NA | U | U | U | U | U | U | U | U | U | U |
| Benzo(a)anthracene | 0.002 | U | U | U | U | U | U | U | 0.09 J | 0.04 J | 0.03 J |
| Benzo(a)pyrene | 0.0012 | U | U | U | U | U | U | U | 0.07 J | 0.03 J | 0.02 J |
| Benzo(b)fluoranthene | 0.002 | U | U | U | U | U | U | U | 0.13 J | 0.06 J | 0.02 J |
| Benzo(k)fluoranthene | 0.002 | U | U | U | U | U | U | U | 0.05 J | 0.02 J | U |
| Benzo(ghi)perylene | NA | U | U | U | U | U | U | U | U | 0.03 J | U |
| Chrysene | 0.002 | U | U | U | U | U | U | U | 0.09 J | 0.03 J | 0.02 J |
| Fluorene | 0.54 | U | U | U | U | U | U | 0.32 J | 0.04 J | U | 0.02 J |
| Indeno(1,2,3-cd)pyrene | 0.002 | U | U | U | U | U | U | U | 0.06 J | 0.03 J | U |
| Fluoranthene | 50 | U | U | U | U | U | U | 0.06 J | 0.2 J | 0.09 J | U |
| Naphthalene | NA | U | U | U | U | U | U | 0.24 J | 0.1 J | U | 0.07 J |
| Phenanthrene | NA | U | U | U | U | U | U | 0.47 J | 0.18 J | 0.07 J | 0.03 J |
| Pyrene | 4.6 | U | U | U | U | U | U | 0.07 J | 0.16 J | 0.07 J | U |
| 2-Methylnaphthalene | 10 | U | U | U | U | U | U | 2.1 J | 0.14 J | U | 0.04 J |
| Hexachlorobenzene | 0.04 | U | U | U | U | U | U | U | U | U | 0.02 J |
| Total TCL SVOCs | NA | 4.9 J | 2.2 J | U | U | U | U | 136.21 J | 1.45 J | 0.49 J | 0.29 J |
| Total TICs | NA | 91.3 NJ | 8.6 J | 6.5 J | 34.2 NJ | 46.7 NJ | 6.1 NJ | 81.2 J | 1.53 J | U | 8.5 J |
| Total TCL SVOCs and TICs | NA | 96.2 NJ | 10.8 J | 6.5 J | 35.3 NJ | 46.7 NJ | 6.2 NJ | 217.41 J | 2.98 J | 0.49 J | 8.79 J |
| MNA Lab Parameters | | | | | | | | | | | |
| Nitrate (mg/L) | 10 | 22 J | 57 B | 35 J | 16 B | U | U | 0.138 R | 0.188 J | 0.048 J | 0.078 J |
| Iron II (mg/L) | 0.3 | U | U | U | U | U | U | U | R | U | 0.0888 J |
| Manganese (µg/L) | 300 | 209 J | 52.9 J | U | 42.2 J | 9.9 J | 1560 J | 1.97 J | 342.6 J | 6.63 J | 751.7 J |
| Sulfate (mg/L) | 250 | 150 B | 190 B | 160 J | 140 J | 69.7 J | 46.7 J | 42 J | 39 J | 46.4 J | 32.4 J |
| Methane (µg/L) | NA | U | U | U | U | U | U | U | U | U | U |
| Chloride (mg/L) | 250 | 240 J | 150 B | 21 J | 8.1 J | 5.3 J | 2.7 J | 2.9 J | 2.8 J | 2.34 J | 1.81 J |
| MNA Field Parameters | | | | | | | | | | | |
| Dissolved Oxygen (mg/L) | NA | 0 | 3.94 J | 7.43 J | 2.2 J | 0.98 J | 4.18 J | 10.35 J | 8.4 J | 8.31 J | 12.59 J |
| Oxidation-Reduction Potential (mv) | NA | 113 J | 199 J | 131 J | 168 J | 131.4 J | 135.7 J | 174.3 J | 209.6 J | 206.8 J | 145.1 J |
| Turbidity (NTU) | NA | 57.8 J | 0 J | 17.3 J | 306 J | 4.1 J | 300 J | 6.68 J | 24.24 J | 11.2 J | 10.54 J |
| Conductivity (mS/cm) | NA | 2.1 J | 1.8 J | 0.973 J | 1.3 J | 0.443 J | 0.727 J | 0.676 J | 0.723 J | 0.729 J | 0.665 J |
| pH | NA | 7.89 J | 7.32 J | 5.86 J | 7.65 J | 8.1 J | 7.08 J | 6.79 J | 6.89 J | 6.55 J | 6.66 J |
| Temperature (°C) | NA | 10.8 J | 18.5 J | 9.2 J | 10.32 J | 17.7 J | 17.3 J | 9.4 J | 11.6 J | 11.2 J | 9.5 J |

Data prior to 2019 obtained from previous reports by Day Environmental, Inc.

Yellow highlight indicated value exceeds applicable groundwater standard or guidance value

U = Not detected at concentration above reported analytical laboratory detection limit

N = Analyte passed identification criteria and is considered to be positively identified

B = Compound also detected in associated method blank or field blank

D = Compound concentrations was obtained from a diluted analysis

TIC = Tentatively Identified Compound

J = Estimated Value

NA = Not Available

R indicates result rejected in the DUSR

Table 7
Former Vogt Manufacturing Site
100 Fernwood Avenue, Rochester, New York
NYSDEC Site #C828119
Groundwater Samples from MW-8

| Detected Compound | NYSDEC Groundwater Standard or Guidance Value | MW-8 | MW-8 | MW-8 | MW-8 | MW-8 | MW-8 | MW-8 | MW-8 | MW-8 | MW-8 |
|------------------------------------|---|------------|-----------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|
| | | 11/24/2009 | 9/23/2010 | 4/25/2011 | 10/20/2011 | 10/24/2017 | 4/24/2018 | 4/30/2019 | 4/7/2020 | 4/27/2021 | 4/25/2022 |
| VOCs (µg/L) | | | | | | | | | | | |
| Acetone | 50 | U | U | U | 9.1 J | 7.56 JB | U | U | 2.2 J | 1.7 J | 3.0 |
| 1,1-Dichloroethane | 5 | U | U | U | U | U | U | 0.74 J | U | U | U |
| cis-1,2-Dichloroethene | 5 | 10 | U | 2.1 J | 11 | 12.2 | 1.95 | 3.4 | U | 6.4 | 3.5 |
| Benzene | 1 | 14 | U | 2.9 J | 8.4 | 4.05 | 0.62 J | 0.87 | U | 2.0 | 0.92 |
| 2-Butanone (MEK) | 50 | U | U | U | U | 3.49 B | U | U | U | 6.6 | U |
| n-Butylbenzene | 5 | U | U | U | U | 1.43 | 0.62 J | U | U | U | U |
| Sec-Butylbenzene | 5 | U | U | U | U | 1.01 | 0.57 J | U | U | U | U |
| Chloromethane | 5 | U | U | U | U | 0.39 J | U | U | 0.92 J | U | U |
| Cyclohexane | NA | U | U | U | U | U | U | 0.56 J | U | 1.6 J | 1.4 |
| Trichloroethene | 5 | 8.2 J | U | U | U | U | 0.64 J | 0.68 J | U | U | 0.29 J |
| Tetrachloroethene | 5 | U | U | U | U | U | 0.53 J | 0.43 J | 3.7 | 0.27 J | U |
| Toluene | 5 | 3.9 J | U | 2.6 J | 19 | 0.83 J | 0.51 J | U | U | 1.4 J | 1.2 J |
| Isopropylbenzene | 5 | U | U | U | U | 0.9 J | 0.65 J | U | U | 0.95 J | 0.85 J |
| 4-Isopropyltoluene | 5 | U | U | U | U | 0.79 J | 0.71 J | U | U | U | U |
| Methyl cyclohexane | NA | U | U | U | U | U | U | 0.66 J | U | 1.5 J | 1.2 |
| n-Propylbenzene | 5 | U | U | U | U | 1.28 | 0.64 J | U | U | U | U |
| 1,2,4-Trimethylbenzene | 5 | U | U | U | U | 16.6 | 11.8 | U | U | U | U |
| 1,3,5-Trimethylbenzene | 5 | U | U | U | U | 3.2 | 2.88 | U | U | U | U |
| Ethylbenzene | 5 | U | U | U | U | 1.89 | 1.45 | 1.6 J | U | 3.3 | 3 |
| Vinyl chloride | 2 | U | U | U | U | U | U | U | U | 0.18 J | 0.12 J |
| Xylene (total) | 5 | 16 | U | 6.8 J | 73 | 7.81 | 6.13 | 8.4 | U | 15.7 | 16 |
| Total TCL VOCs | NA | 52.1 J | U | 14.4 J | 120.5 J | 63.43 J | 29.7 J | 17.3 J | 6.8 J | 41.6 J | 31.51 J |
| Total TICs | NA | 339.7 NJ | 32.6 NJ | 57.4 NJ | 3102 NJ | 281 NJ | 273 NJ | 757 J | 213 J | U | 502 J |
| Total TCL VOCs and TICs | NA | 391.8 NJ | 32.6 NJ | 71.8 NJ | 3222 NJ | 344.4 NJ | 302.7 NJ | 774.3 J | 219.8 J | 41.6 J | 533.5 J |
| SVOCs (µg/L) | | | | | | | | | | | |
| Phenol | 1 | U | U | U | 1.7 J | U | U | U R | 1.5 | 4 J | U |
| 2-Methylphenol | NA | U | U | U | U | U | U | U | 2.5 | 7.5 | 1.7 J |
| 3 and/or 4-Methylphenol | NA | U | U | 5.5 J | 1.7 J | U | U | 1.1 J | 2.5 | 7.3 | U |
| Naphthalene | 10 | 41 | 290 D | 400 | 130 D | 69.9 D | 51.1 | 46 J | 110 | 71 | 65 |
| 2-Methylnaphthalene | NA | U | 750 D | 1500 D | 180 D | 15 JD | 7.83 JD | 64 | 160 | 63 | 44 |
| 1-Methylnaphthalene | NA | 1.1 J | U | U | U | 46.7 D | 20.4 JD | U | 190 | U | U |
| 1,1-Biphenyl | 5 | U | U | 27 | U | U | U | 1.8 J | 11 | 4.3 | 5.4 |
| Acenaphthylene | NA | 4.1 J | 24 | U | U | U | U | 2.5 | 9.1 | 3.1 | U |
| Acenaphthene | 20 | 2.3 J | 48 | 96 | 17 | 4 DJ | U | 16 | 35 | 9.6 | 21 |
| Fluorene | 50 | U | 100 DJ | 120 | 12 | 3.75 DJ | U | 11 | 36 | 9.1 | 18 |
| Phenanthrene | 50 | U | 200 D | 260 | 32 | 5.7 DJ | 4.65 JD | 20 | 120 | 26 | 44 |
| Anthracene | 50 | 17 | 44 | 57 | 8.3 | U | U | 6.6 | 32 | 9.2 | 13 |
| Carbazole | NA | U | 29 | 40 | 16 | U | U | 4.9 | 21 | 17 | 18 |
| Caprolactam | NA | U | U | U | U | U | U | 71 | U | U | U |
| Dibenzofuran | NA | U | U | U | U | U | U | U | U | 2.7 | U |
| Fluoranthene | 50 | U | 7.6 J | 5.2 J | 1.4 J | U | U | 1.4 J | 5 | 1.1 | 1.7 |
| Pyrene | 50 | U | 30 | 47 | 4.2 J | U | U | 8.7 | 28 | 6.3 | 8.5 |
| Benzo(a)anthracene | 0.002 | U | 4.8 J | 7.2 J | 1.3 J | U | U | U | 3.9 | 0.9 | 1.5 |
| Benzo(a)pyrene | 0.0012 | U | U | U | U | U | U | 0.45 J | 1.6 | 0.37 | 0.51 |
| Benzo(b)fluoranthene | 0.002 | U | U | U | U | U | U | U | 0.85 | 0.14 | 0.28 |
| Benzo(k)fluoranthene | 0.002 | U | U | U | U | U | U | U | 0.14 | 0.04 J | 0.07 J |
| Benzo(ghi)perylene | NA | U | U | U | U | U | U | U | 0.75 | 0.19 | U |
| Dibenzo(a,h)anthracene | NA | U | U | U | U | U | U | U | 0.31 | 0.07 J | 0.08 J |
| Indeno(1,2,3-cd)pyrene | 0.002 | U | U | U | U | U | U | U | 0.29 | 0.07 J | 0.12 |
| Chrysene | 0.002 | U | 5.8 J | 8.6 J | 2 J | U | U | 1.1 J | 4.8 | 0.99 | 1.8 |
| Bis(2-ethylhexyl)phthalate | 5 | U | 120 DJ | 340 | 4.5 J | 4.6 JD | 4.24 JD | 12 J | 82 | 37 | 28 |
| Total TCL SVOCs | NA | 112.5 J | 1653 DJ | 2913.5 J | 412.1 JD | 149.65 JD | 88.22 JD | 268.55 J | 858.24 | 280.97 J | 219.82 J |
| Total TICs | NA | 558.7 NJ | 3724 NJ | 8905 NJ | 451.8 NJ | 150 NJD | 188 NJD | 1320 J | 2060 J | U | 910 J |
| Total TCL SVOCs and TICs | NA | 701.2 NJ | 5377 NJD | 11518.5 NJ | 863.9 NJD | 299.65 NJD | 276.22 NJD | 1588.55 J | 2918.24 J | 280.97 J | 1129.82 J |
| MNA Lab Parameters | | | | | | | | | | | |
| Nitrate (mg/L) | 10 | 0.0066 J | 0.13 BJ | 34 | 0.96 | U | U | U | U | 0.034 J | 0.069 J |
| Iron II (mg/L) | 0.3 | U | 2.7 | U | 6 | 3.5 | U | 1.2 J | 2.3 | 25.2 | 35.3 |
| Manganese (µg/L) | 300 | 2930 | 2410 | 2620 | 12000 | 4180 | 1560 | 1473 J | 2237 | 3470 | 4181 |
| Sulfate (mg/L) | 250 | 16 B | 37 B | 87 | 150 | 7.4 | 42.4 | 69 | 23 | 33.6 | 33.7 |
| Methane (µg/L) | NA | 17 | 2700 | 5500 D | 5500 D | 19 | U | 1330 J | 2420 | 4460 | 2650 |
| Chloride (mg/L) | 250 | 170 | 100 B | 86 | 50 B | 14.2 | 8.1 | 12 | 10 | 9.49 | 8.2 |
| MNA Field Parameters | | | | | | | | | | | |
| Dissolved Oxygen (mg/L) | NA | 0 | 0.31 | 0.76 | 0.59 | 0.1 | 0.9 | 0.66 | 3.8 | 0.02 | 0.33 |
| Oxidation-Reduction Potential (mv) | NA | -63 | -101 | -66 | -108 | -49.5 | -112.5 | -65.4 | -160 | -126.9 | -100.7 |
| Turbidity (NTU) | NA | 711 | 184 | 99.6 | 371 | 6.8 | 46.2 | 12.81 | 8.09 | 56 | 74.26 |
| Conductivity (mS/cm) | NA | 1.35 | 1.39 | 1.25 | 1.7 | 0.938 | 0.686 | 0.87 | 0.891 | 0.997 | 0.962 |
| pH | NA | 6.89 | 7.27 | 8.83 | 7.56 | 6.8 | 6.82 | 6.62 | 6.79 | 6.76 | 6.58 |
| Temperature (°C) | NA | 12.5 | 16.67 | 8.55 | 7.52 | 16.2 | 8 | 7.67 | 7.5 | 8.5 | 8.9 |

Data prior to 2019 obtained from previous reports by Day Environmental, Inc.

Yellow highlight indicated value exceeds applicable groundwater standard or guidance value

U = Not detected at concentration above reported analytical laboratory detection limit

N = Analyte passed identification criteria and is considered to be positively identified

B = Compound also detected in associated method blank or field blank

D = Compound concentrations was obtained from a diluted analysis

TIC = Tentatively Identified Compound

J = Estimated Value

NA = Not Available

R indicates result rejected in the DUSR

Table 8
Former Vogt Manufacturing Site
100 Fernwood Avenue, Rochester, New York
NYSDEC Site #C828119
Groundwater Samples from MW-14

| Detected Compound | NYSDEC Groundwater Standard or Guidance Value | MW-14 | MW-14 | MW-14 | MW-14 | MW-14 | MW-14 | MW-14 | MW-14 | MW-14 | MW-14 |
|------------------------------------|---|------------|-----------|-----------|------------|------------|-----------|----------|----------|-----------|-----------|
| | | 11/24/2009 | 9/23/2010 | 4/25/2011 | 10/19/2011 | 10/24/2017 | 4/23/2018 | 5/1/2019 | 4/8/2020 | 4/27/2021 | 4/26/2022 |
| VOCs (µg/L) | | | | | | | | | | | |
| Acetone | 50 | U | U | U | U | 5.08 JB | U | U | U | U | U |
| Tetrachloroethene | 5 | U | U | U | U | U | 0.55 J | U J | 0.22 J | U | U |
| 1,2-Dichloroethane | 0.6 | U | U | U | U | U | U | U | 0.42 J | U | U |
| Dichlorodifluoromethane | 5 | U | U | U | U | U | U | U J | U | U | U |
| Total TCL VOCs | NA | U | U | U | U | 5.08 J | 0.55 J | U J | 0.64 J | U | U |
| Total TICs | NA | U | U | U | 10 J | U | U | 24.6 J | U | U | U |
| Total TCL VOCs and TICs | NA | U | U | U | 10 J | 5.08 J | 0.55 J | 24.6 J | 0.6 J | U | U |
| SVOCs (µg/L) | | | | | | | | | | | |
| Anthracene | 3.8 | U | U | U | U | U | U | 0.03 J | 0.05 J | 0.02 J | 0.02 J |
| Acenaphthene | NA | U | U | U | U | U | U | 0.06 J | 0.09 J | U | U |
| Acenaphthylene | NA | U | U | U | U | U | U | U | 0.02 J | U | U |
| Benzo(a)pyrene | 0.0012 | U | U | U | U | U | U | 0.02 J | U | 0.02 J | U |
| Benzo(a)anthracene | 0.002 | U | U | U | U | U | U | U | 0.02 J | U | U |
| Benzo(b)fluoranthene | 0.002 | U | U | U | U | U | U | 0.03 J | 0.02 J | 0.04 J | U |
| Benzo(k)fluoranthene | 0.002 | U | U | U | U | U | U | 0.01 J | U | 0.01 J | U |
| Benzo(ghi)perylene | NA | U | U | U | U | U | U | 0.03 J | U | 0.03 J | U |
| Chrysene | 0.002 | U | U | U | U | U | U | U | 0.02 J | U | U |
| Caprolactam | NA | U | 1.6 J | U | U | NR | NR | 10 | U | U | U |
| 2-Chloronaphthalene | 10 | U | U | U | U | U | U | U | U | U | 0.02 J |
| Bis(2-ethylhexyl)phthalate | 50 | U | U | U | U | 0.779 J | U | U | 6.4 | U | U |
| Hexachlorobenzene | 0.04 | U | U | U | U | U | U | U | U | U | 0.02 J |
| Indeno(1,2,3-cd)pyrene | 0.002 | U | U | U | U | U | U | 0.03 J | 0.01 J | 0.04 J | U |
| Fluorene | 0.54 | U | U | U | U | U | U | 0.06 J | 0.09 J | 0.02 J | U |
| Naphthalene | 10 | U | U | U | U | U | U | U | 0.09 J | U | U |
| Phenanthrene | NA | U | U | U | U | U | U | 0.11 | 0.17 | 0.02 J | 0.03 J |
| Pyrene | 50 | U | U | U | U | U | U | U | 0.05 J | 0.03 J | U |
| 2-Methylnaphthalene | 10 | U | U | U | U | U | U | 0.18 | 0.89 | 0.04 J | U |
| Total TCL SVOCs | NA | U | 1.6 J | U | U | 0.779 J | U | 10.56 J | 7.92 J | 0.25 J | 0.09 J |
| Total TICs | NA | 99.2 NJ | 261.6 NJ | 3 NJ | 24.3 J | 18 NJ | 4.9 NJ | 29.5 J | 14.3 J | U | 9.34 J |
| Total TCL SVOCs and TICs | NA | 99.2 NJ | 263.4 NJ | 3 NJ | 24.3 J | 18.779 NJ | 4.9 NJ | 40.06 J | 22.22 J | 0.25 J | 9.43 J |
| MNA Lab Parameters | | | | | | | | | | | |
| Nitrate (mg/L) | 10 | 34 | 54 B | 110 | 72 | 1.5 | 1.5 | 0.156 R | 0.192 | 0.14 | 0.038 J |
| Iron II (mg/L) | 0.3 | U | U | U | U | 0 | 0 | 0.08 J | U | 0.193 | 3.23 |
| Manganese (µg/L) | 300 | 325 | 87.7 | 50.9 | 24 | 311 | 62.1 | 262.2 J | 993.5 | 90.9 | 427.4 |
| Sulfate (mg/L) | 250 | 84 B | 96 B | 200 | 200 | 131 | 91.5 | 77 | 90 | 140 | 79 |
| Methane (µg/L) | NA | U | U | U | U | U | U | 1.33 | 1.49 | U | 2 |
| Chloride (mg/L) | 250 | 17 | 14 B | 17 | 14 | 4.7 | 3.1 | 3.8 | 3.8 | 11.4 | 4.07 |
| MNA Field Parameters | | | | | | | | | | | |
| Dissolved Oxygen (mg/L) | NA | 0 | 3.74 | 5.05 | 0.76 | 0.1 | 0.39 | 0.62 | 29.8 | 1.08 | 2.51 |
| Oxidation-Reduction Potential (mv) | NA | 107 | 95 | 112 | 303 | 195.9 | 166.4 | -21.7 | -93.1 | 22.3 | -55.1 |
| Turbidity (NTU) | NA | 77.1 | 427 | 147 | 280 | 6.7 | 6.3 | 5.21 | 11.9 | 18.38 | 2.47 |
| Conductivity (mS/cm) | NA | 0.84 | 1.24 | 2.01 | 1.83 | 0.89 | 0.855 | 0.92 | 0.965 | 1.087 | 1.083 |
| pH | NA | 8.07 | 7.59 | 7.69 | 7.76 | 6.93 | 6.66 | 6.66 | 6.27 | 7.03 | 6.65 |
| Temperature (°C) | NA | 12.2 | 14.9 | 4.57 | 7.63 | 14.7 | 9.1 | 7.72 | 7.7 | 9.5 | 8.8 |

Data prior to 2019 obtained from previous reports by Day Environmental, Inc.

Yellow highlight indicated value exceeds applicable groundwater standard or guidance value

U = Not detected at concentration above reported analytical laboratory detection limit

N = Analyte passed identification criteria and is considered to be positively identified

B = Compound also detected in associated method blank or field blank

TIC = Tentatively Identified Compound

J = Estimated Value

NA = Not Available

NR = Not Reported

R indicates result rejected in the DUSR

Table 9
Former Vogt Manufacturing Site
100 Fernwood Avenue, Rochester, New York
NYSDEC Site #C828119
Groundwater Samples from MWIRM-2

| Detected Compound | NYSDEC Groundwater Standard or Guidance Value | MWIRM-2 | | MWIRM-2 | | MWIRM-2 | | MWIRM-2 | | MWIRM-2 | |
|------------------------------------|---|------------|-----------|----------|----------|-----------|-----------|---------|---|---------|---|
| | | 10/23/2017 | 4/24/2018 | 5/1/2019 | 4/7/2020 | 4/28/2021 | 4/26/2022 | | | | |
| VOCs (µg/L) | | | | | | | | | | | |
| Acetone | 50 | 1.98 JB | U | U | 1.8 J | U | U | U | U | U | U |
| Total TCL VOCs | NA | 1.98 J | U | U | 1.8 J | U | U | U | U | U | U |
| Total TICs | NA | U | U | 3.8 J | U | U | U | U | U | U | U |
| Total TCL VOCs and TICs | NA | 1.98 J | U | 3.8 J | 1.8 J | U | U | U | U | U | U |
| SVOCs (µg/L) | | | | | | | | | | | |
| Anthracene | 50 | U | U | U | 0.03 J | 0.02 J | 0.03 J | U | U | U | U |
| Bis(2-ethylhexyl)phthalate | NA | U | U | U | U | 1.9 J | U | U | U | U | U |
| Caprolactam | NA | U | U | 25 | U | U | U | U | U | U | U |
| Chrysene | 0.002 | U | U | U | 0.04 J | U | U | U | U | U | U |
| Fluorene | 0.54 | U | U | 0.08 J | U | 0.01 J | 0.01 J | U | U | U | U |
| Phenanthrene | 50 | U | U | U | 0.02 | U | 0.02 J | U | U | U | U |
| 2-Methylnaphthalene | 10 | U | U | 0.16 J | 0.04 J | U | U | U | U | U | U |
| Total TCL SVOCs | NA | U | U | 25.24 J | 0.13 | 1.9 J | 0.06 J | U | U | U | U |
| Total TICs | NA | 55.3 NJ | 5.8 NJ | 81.5 J | U | U | 28.7 J | U | U | U | U |
| Total TCL SVOCs and TICs | NA | 55.3 NJ | 5.8 NJ | 106.74 J | 0.13 J | 1.9 J | 28.8 J | U | U | U | U |
| MNA Lab Parameters | | | | | | | | | | | |
| Nitrate (mg/L) | 10 | U | U | 0.562 R | 0.461 | 0.91 | 0.61 | U | U | U | U |
| Iron II (mg/L) | 0.3 | 0 | 0 | U R | U | 0.156 | 0.407 | U | U | U | U |
| Manganese (µg/L) | 300 | 60.5 | 29.6 | 13.88 J | 9.9 | 19.92 | 64.94 | U | U | U | U |
| Sulfate (mg/L) | 250 | 136 | 112 | 89 | 96 | 141 | 102 | U | U | U | U |
| Methane (µg/L) | NA | U | U | 11.1 | 1.82 | U | U | U | U | U | U |
| Chloride (mg/L) | 250 | 14.5 | 19.3 | 26 | 22 | 8.68 | 19.2 | U | U | U | U |
| MNA Field Parameters | | | | | | | | | | | |
| Dissolved Oxygen (mg/L) | NA | 0.18 | 2.54 | 1.99 | 3.7 | 3.99 | 6.11 | U | U | U | U |
| Oxidation-Reduction Potential (mv) | NA | 178.3 | 129 | 47.6 | 13.2 | 118.1 | 105 | U | U | U | U |
| Turbidity (NTU) | NA | 2.7 | 4.8 | 2.14 | 2.2 | 4.22 | 17.04 | U | U | U | U |
| Conductivity (mS/cm) | NA | 1.088 | 1 | 1.02 | 1.054 | 1.026 | 1.025 | U | U | U | U |
| pH | NA | 6.83 | 7.25 | 7.15 | 7.08 | 7 | 7.26 | U | U | U | U |
| Temperature (°C) | NA | 17.7 | 12.8 | 9.4 | 11.3 | 10.8 | 10.5 | U | U | U | U |

Data prior to 2019 obtained from previous reports by Day Environmental, Inc.

Yellow highlight indicated value exceeds applicable groundwater standard or guidance value

U = Not detected at concentration above reported analytical laboratory detection limit

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B = Compound also detected in associated method blank or field blank

TIC = Tentatively Identified Compound

J = Estimated Value

NA = Not Available

R indicates result rejected in the DUSR



Table 10
Former Vogt Manufacturing Site
100 Fernwood Avenue, Rochester, New York
NYSDEC Site #C828119
Groundwater Samples from MWIRM-3

| Detected Compound | NYSDEC Groundwater Standard or Guidance Value | MWIRM-3 | MWIRM-3 | MWIRM-3 | MWIRM-3 | MWIRM-3 | MWIRM-3 | MWIRM-3 | MWIRM-3 | MWIRM-3 | MWIRM-3 | |
|------------------------------------|---|------------|------------|-----------|------------|------------|-----------|-----------|----------|-----------|-----------|-----|
| | | 11/23/2009 | 9/23/2010 | 4/25/2011 | 10/19/2011 | 10/24/2017 | 4/23/2018 | 4/30/2019 | 4/7/2020 | 4/28/2021 | 4/27/2022 | |
| VOCs (µg/L) | | | | | | | | | | | | |
| Acetone | 50 | U | U | U | 6.3 J | 20.2 B | U | U | U | 5.5 | 9 | 4.9 |
| Benzene | 1 | U | U | 2.3 J | 2.4 J | 1.98 | 4.6 JD | 2.7 | 2.7 | 2.1 | 3.6 | |
| 2-Butanone (MEK) | 50 | U | U | U | U | 340 DB | 20.4 D | 7.1 J | 10 | 40 | 3.5 J | |
| n-Butylbenzene | 5 | U | U | U | U | 1.27 | 2.35 JD | U | U | U | U | U |
| Sec-Butylbenzene | 5 | U | U | U | U | 0.95 J | 1.9 JD | U | U | U | U | U |
| Carbon Disulfide | NA | U | U | U | U | 1.05 JB | U | U | U | U | U | U |
| Cyclohexane | NA | U | U | U | U | U | U | U | U | 0.37 J | 0.39 J | |
| cis-1,2-Dichloroethene | 5 | U | U | U | U | 0.66 J | U | 0.27 J | 0.82 J | U | 1.2 J | |
| Ethylbenzene | 5 | U | U | U | U | 1.65 | 3.3 JD | 3.0 | 3.0 | 2.6 | 2.7 | |
| Isopropylbenzene | 5 | U | U | U | U | 0.66 J | U | U | U | U | U | U |
| n-Propylbenzene | 5 | U | U | U | U | 0.97 J | 2.35 JD | U | U | U | U | U |
| 4-Isopropyltoluene | 5 | U | U | U | U | 0.94 J | U | U | U | U | U | U |
| 4-Methyl-2-pentanone | NA | U | U | U | U | U | U | U | U | 1 J | U | U |
| Methyl cyclohexane | NA | U | U | U | U | U | U | 0.62 | U | 0.56 J | 0.67 J | |
| Styrene | 5 | U | U | U | U | 0.7 J | U | U | U | U | U | U |
| Toluene | 5 | U | U | U | 5.1 | 3.13 | 7.05 D | 5.1 | 5.5 | 3.4 | 3.7 | |
| 1,2,4-Trimethylbenzene | 5 | U | U | U | U | 22.7 | 23.8 D | U | U | U | U | U |
| 1,3,5-Trimethylbenzene | 5 | U | U | U | U | 7.28 | 7.55 D | U | U | U | U | U |
| Xylene (total) | 5 | 5.4 | 12 | 15.3 | 26 | 18.99 | 35.5 D | 37 | 33 | 25 | 23 | |
| Tetrahydrofuran | 50 | U | U | U | U | 81 | 209 D | U | U | U | U | U |
| Tetrachloroethene | 5 | U | U | U | U | U | U | 0.67 | 0.74 | U | 0.54 | |
| Trichloroethene | 5 | U | U | U | U | U | U | 0.19 J | 0.42 J | U | U | U |
| Vinyl Chloride | 2 | U | U | U | U | U | U | U | 0.32 J | 0.19 J | 0.59 J | |
| Total TCL VOCs | NA | 5.4 J | 12 | 17.6 J | 39.8 J | 504.1 J | 317.8 JD | 56.7 J | 62.9 J | 84.2 J | 44.79 J | |
| Total TICs | NA | 463 NJ | 840 NJ | 360.7 NJ | 861 NJ | 688 NJ | 503 D | 1050 J | 239 J | U | 472 J | |
| Total TCL VOCs and TICs | NA | 468.4 NJ | 852 NJ | 378.3 NJ | 902.8 NJ | 1192 NJ | 820.8 JD | 1106.7 J | 301.9 J | 84.2 J | 516.8 J | |
| SVOCs (µg/L) | | | | | | | | | | | | |
| Phenol | 1 | U | 2.7 J | U | 16 | 6.3 J | U | 2 J | 3.9 J | 8.6 | U | |
| 2-Methylphenol | NA | U | 2 J | U | 2 | U | U | 7.8 | 10 | 14 | U | |
| 3 and/or 4-Methylphenol | NA | U | 1.4 J | U | 1.7 | 2.1 J | U | 9.3 | 30 | 22 | 13 | |
| Naphthalene | 10 | 15 | 23 | 14 | 75 | 148 D | 93.8 D | 5.6 J | 13 | 37 | U | |
| 2-Methylnaphthalene | NA | 78 | 130 D | 45 | 320 | 13.9 J | 18 JD | 94 | 130 | 70 | 18 | |
| 1-Methylnaphthalene | NA | U | U | U | U | 138 | 48 D | U | U | U | U | |
| Acenaphthene | 20 | 12 | 8.9 J | 5.7 | 22 | 18.2 J | 5.38 JD | 28 | 3.5 | 7 | 22 | |
| Acenaphthylene | NA | U | U | U | U | U | U | 5.4 | 19 | 1.9 | U | |
| Dibenzofuran | NA | U | 2.5 J | U | U | U | U | U | 2.7 | U | U | |
| Fluorene | 50 | 6.7 J | 9.5 J | 3.6 J | 17 | 16.7 J | 4.1 JD | 25 | 17 | 5.2 | 16 | |
| Phenanthrene | 50 | 13 | 29 | U | 51 | 28.8 | 6.29 JD | 51 | 38 | 10 | 39 | |
| Anthracene | 50 | 3.1 J | 6.8 J | U | 15 | 9.22 J | U | 16 | 14 | 14 | U | |
| Carbazole | NA | U | 2.7 J | U | U | U | U | 5.4 | U | U | U | |
| Fluoranthene | 50 | U | U | U | 2.6 | U | U | 3.6 | 2.2 | 0.65 | 2.8 | |
| Pyrene | 50 | 3.1 J | 4.9 J | U | 9.9 | 10.5 J | U | 18 | 13 | 4.3 | 19 | |
| Benzo(a)anthracene | 0.002 | U | U | U | 2.4 | U | U | 2.9 | 1.7 | 0.37 | 2.5 | |
| Benzo(a)pyrene | 0.0012 | U | U | U | U | U | U | 0.86 | 0.72 | U | 0.84 | |
| Benzo(b)fluoranthene | 0.002 | U | U | U | U | U | U | 0.46 J | 0.31 J | U | 0.46 J | |
| Benzo(k)fluoranthene | 0.002 | U | U | U | U | U | U | 0.08 J | 0.07 J | U | 0.09 J | |
| Chrysene | 0.002 | U | U | U | 2.9 | U | U | 2.9 | 2 | 0.58 | 3 | |
| Bis(2-ethylhexyl)phthalate | 5 | 8.9 J | 5.7 J | U | 27 | 18.6 J | 5.33 JD | 28 J | 33 | 9.5 | 28 | |
| Benzo(g,h,i)perylene | NA | U | U | U | 1.5 | U | U | 0.38 J | 0.31 J | U | 0.39 J | |
| Biphenyl | 5 | U | U | U | U | U | U | 2.5 | U | U | 1.6 J | |
| Dibenzo(a,h)anthracene | NA | U | U | U | U | U | U | 0.16 J | U | U | U | |
| Indeno(1,2,3-cd)pyrene | 0.002 | U | U | U | U | U | U | 0.2 J | 0.1 J | U | U | |
| 2,4-Dimethylphenol | 50 | U | U | U | U | U | U | U | 4 J | 4.6 J | 3.8 J | |
| Total TCL SVOCs | NA | 139.8 J | 229.1 JD | 68.3 J | 566 J | 429 J | 180.9 JD | 293.84 J | 344.21 J | 205.68 J | 124.08 | |
| Total TICs | NA | 1019.6 NJ | 1966 NJ | 388.7 NJ | 622.8 NJ | 1428 NJ | 313 NJD | 894 J | 463 J | U | 861 | |
| Total TCL SVOCs and TICs | NA | 1159.4 NJ | 2195.1 NJD | 457 NJ | 1189 NJ | 1857 NJ | 493.9 NJD | 1187.84 J | 807.21 J | 205.68 J | 985.08 | |
| MNA Lab Parameters | | | | | | | | | | | | |
| Nitrate (mg/L) | 10 | 1.4 B | 0.089 BJ | 4.7 | 0.014 BJ | U | U | 0.034 R | 4.02 | U | U | |
| Iron II (mg/L) | 0.3 | U | U | U | U | 2.5 | 0 | 0.91 J | 1.3 | 4.29 | 3.89 | |
| Manganese (µg/L) | 300 | 393 | 1200 | 618 | 774 | 2430 | 1490 | 1134 J | 1039 | 1722 | 962.2 | |
| Sulfate (mg/L) | 250 | 98 B | 21 B | 140 | 44 | 67.2 | 72.2 | 72 | 32 | 87.7 | 34.6 | |
| Methane (µg/L) | NA | 48 | 940 | 2300 D | 4100 D | U | U | 3890 | U | 5680 | 7840 | |
| Chloride (mg/L) | 250 | 89 | 86 B | 160 | 63 | 51.6 | 90.3 | 49 | 46 | 71.1 | 74.3 | |
| MNA Field Parameters | | | | | | | | | | | | |
| Dissolved Oxygen (mg/L) | NA | 0 | 0.25 | 0.31 | 0.37 | -0.15 | 0.24 | 2.29 | 0.87 | 0.07 | 2.4 | |
| Oxidation-Reduction Potential (mv) | NA | -33 | -144 | -27 | -182 | -216.3 | 154.9 | -92.5 | -132.6 | -280.5 | -177 | |
| Turbidity (NTU) | NA | 49.5 | 49.1 | 152 | 289 | 17.6 | 1.9 | 15.9 | 2.2 | 24.65 | 18.45 | |
| Conductivity (mS/cm) | NA | 1.2 | 1.62 | 2.11 | 1.98 | 1.353 | 1.519 | 1.19 | 1.48 | 1.416 | 1.295 | |
| pH | NA | 8.3 | 7.28 | 7.99 | 7.7 | 8.72 | 7.08 | 7.39 | 7.24 | 6.92 | 6.9 | |
| Temperature (°C) | NA | 12.4 | 17.53 | 6.6 | 7.47 | 16.6 | 11.5 | 9.8 | 9.8 | 10.4 | 8.6 | |

Data prior to 2019 obtained from previous reports by Day Environmental, Inc.

Yellow highlight indicated value exceeds applicable groundwater standard or guidance value

U = Not detected at concentration above reported analytical laboratory detection limit

N = Analyte passed identification criteria and is considered to be positively identified

B = Compound also detected in associated method blank or field blank

D = Compound concentrations was obtained from a diluted analysis

TIC = Tentatively Identified Compound

J = Estimated Value

NA = Not Available

R Indicates result rejected in the DUSR

Table 11
Former Vogt Manufacturing Site
100 Fernwood Avenue, Rochester, New York
NYSDEC Site #C828119
QA/QC Groundwater Samples

| Detected Compound | TB112309 11/23/2009 | FB112409 11/24/2009 | FB092310 9/23/2010 | TB092310 9/23/2010 | TB092710 9/27/2010 | FB042511 4/25/2011 | TB042511 4/25/2011 | TB042611 4/26/2011 | FB101811 10/18/2011 | TB101811 10/18/2011 | TB101911 10/19/2011 | TB102011 10/20/2011 | FB102317 10/24/2017 | TB042418 10/23/2017 | FB042418 4/24/2018 | QA/QC (MW-14) 5/1/2019 | Trip Blank 5/1/2019 | QA/QC (MW-14) 4/7/2020 | Trip Blank 4/7/2020 | QA/QC (MW-14) 4/27/2021 | Trip Blank 4/28/2021 | QA/QC (MWIR-M-2) 4/26/2022 | Trip Blank 4/27/2022 |
|----------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------------|------------------------|------------------------------|------------------------|-------------------------------|-------------------------|----------------------------------|-------------------------|
| VOCs (µg/L) | | | | | | | | | | | | | | | | | | | | | | | |
| Acetone | U | U | U | U | U | U | U | U | 5.2 J | 5.2 J | U | U | U | 15.2 | U | U | 2.2 J | 1.8 J | 1.7 J | U | U | 1.5 J | U |
| 2-Butanone (MEK) | U | U | U | U | U | U | U | U | U | U | U | U | U | 2.1 | U | U | U | 3 J | U | U | U | U | U |
| Carbon Disulfide | U | U | U | U | U | U | U | U | U | U | U | U | U | 0.65 J | U | U | U | U | U | U | U | U | U |
| Trichloroethene | U | U | U | U | U | U | U | U | U | U | U | U | U | U | U | U | U | U | U | U | U | U | U |
| Methylene Chloride | U | U | U | U | U | U | U | U | U | U | U | U | U | 2.17 | U | 3 | U | U | U | U | U | U | U |
| Total TCL VOCs | U | U | U | U | U | U | U | U | 5.2 J | 5.2 J | U | U | U | 20.12 J | U | 3 | 2.2 | 4.8 J | 1.7 J | U | U | 1.5 J | U |
| Total TICs | U | U | U | U | U | U | U | U | 12 J | 9.9 J | U | U | U | 0 | U | 53.9 J | 9.27 | U | U | U | U | U | 1.11 |
| Total TCL VOCs and TICs | U | U | U | U | U | U | U | U | 17.2 J | 15.1 J | U | U | U | 20.12 J | U | 56.9 J | 11.47 | 4.8 J | 1.7 J | U | U | 1.5 J | 1.11 |
| SVOCs (µg/L) | | | | | | | | | | | | | | | | | | | | | | | |
| 2-Methylnaphthalene | NT | U | U | NT | NT | U | NT | NT | U | NT | NT | NT | NT | U | NT | 0.26 | NT | 0.06 J | NT | 0.07 | NT | 0.18 | NT |
| Acenaphthene | NT | U | U | NT | NT | U | NT | NT | U | NT | NT | NT | NT | U | NT | 0.10 J | NT | 0.01 J | NT | U | NT | U | NT |
| Acenaphthylene | NT | U | U | NT | NT | U | NT | NT | U | NT | NT | NT | NT | U | NT | 0.02 | NT | 0.02 J | NT | U | NT | 0.04 J | NT |
| Caproactam | NT | U | U | NT | NT | U | NT | NT | U | NT | NT | NT | NT | U | NT | 13 | NT | U | NT | U | NT | U | NT |
| Fluorene | NT | U | U | NT | NT | U | NT | NT | U | NT | NT | NT | NT | U | NT | 0.09 J | NT | 0.02 J | NT | 0.03 | NT | 0.03 J | NT |
| Phenanthrene | NT | U | U | NT | NT | U | NT | NT | U | NT | NT | NT | NT | U | NT | 0.17 | NT | 0.04 J | NT | 0.05 | NT | U | NT |
| Anthracene | NT | U | U | NT | NT | U | NT | NT | U | NT | NT | NT | NT | U | NT | 0.06 | NT | 0.03 J | NT | 0.02 | NT | U | NT |
| Pyrene | NT | U | U | NT | NT | U | NT | NT | U | NT | NT | NT | NT | U | NT | 0.02 | NT | U | NT | U | NT | U | NT |
| Naphthalene | NT | U | U | NT | NT | U | NT | NT | U | NT | NT | NT | NT | U | NT | U | NT | U | NT | 0.07 | NT | U | NT |
| Bis(2-ethylhexyl)phthalate | NT | U | U | NT | NT | U | NT | NT | U | NT | NT | NT | NT | U | NT | 3.2 J | NT | U | NT | 1.7 J | NT | U | NT |
| Total TCL SVOCs | NT | U | U | NT | NT | U | NT | NT | U | NT | NT | NT | NT | U | NT | 16.92 J | NT | 0.18 J | NT | 0.26 J | NT | U | NT |
| Total TICs | NT | 47.1 NJ | 2.1 J | NT | NT | 10.7 NJ | NT | NT | 11.8 J | NT | NT | NT | NT | 31.5 NJ | NT | 145 J | NT | 463 J | NT | U | NT | 148 | NT |
| Total TCL SVOCs and TICs | NT | 47.1 NJ | 2.1 J | NT | NT | 10.7 NJ | NT | NT | 11.8 J | NT | NT | NT | NT | 31.5 NJ | NT | 161.92 J | NT | 463.18 J | NT | 0.26 J | NT | 148.25 | NT |
| MNA Lab Parameters | | | | | | | | | | | | | | | | | | | | | | | |
| Nitrate (mg/L) | NT | 0.16 | 0.16 B | NT | NT | 0.058 J | NT | NT | U | NT | NT | NT | U | NT | NT | U R | NT | 4.02 | NT | 0.25 | NT | U | NT |
| Iron II (mg/L) | NT | U | U | NT | NT | U | NT | NT | U | NT | NT | NT | 0.0 | NT | NT | 0.08 J | NT | 1.3 | NT | 0.234 | NT | 0.404 | NT |
| Manganese (µg/L) | NT | 15.4 | 15 | NT | NT | U | NT | NT | 0.083 J | NT | NT | NT | U | NT | NT | 230.6 J | NT | 1039 | NT | 64.1 | NT | 0.06462 | NT |
| Sulfate (mg/L) | NT | 0.082 | 0.41 BJ | NT | NT | U | NT | NT | U | NT | NT | NT | U | NT | NT | 76 | NT | 32 | NT | 147 | NT | U | NT |
| Methane (µg/L) | NT | U | U | NT | NT | U | NT | NT | U | NT | NT | NT | U | NT | NT | U | NT | 2.2 | NT | 3.1 | NT | U | NT |
| Chloride (mg/L) | NT | 0.092 | 0.34 B | NT | NT | 0.86 J | NT | NT | U | NT | NT | NT | U | NT | NT | 3.6 | NT | 46 | NT | 12.2 | NT | U | NT |

Data prior to 2019 obtained from previous reports by Day Environmental, Inc.

Yellow highlight indicated value exceeds applicable groundwater standard or guidance value

U = Not detected at concentration above reported analytical laboratory detection limit

N = Analyte passed identification criteria and is considered to be positively identified

B = Compound also detected in associated method blank or field blank

D = Compound concentrations was obtained from a diluted analysis

TIC = Tentatively Identified Compound

J = Estimated Value

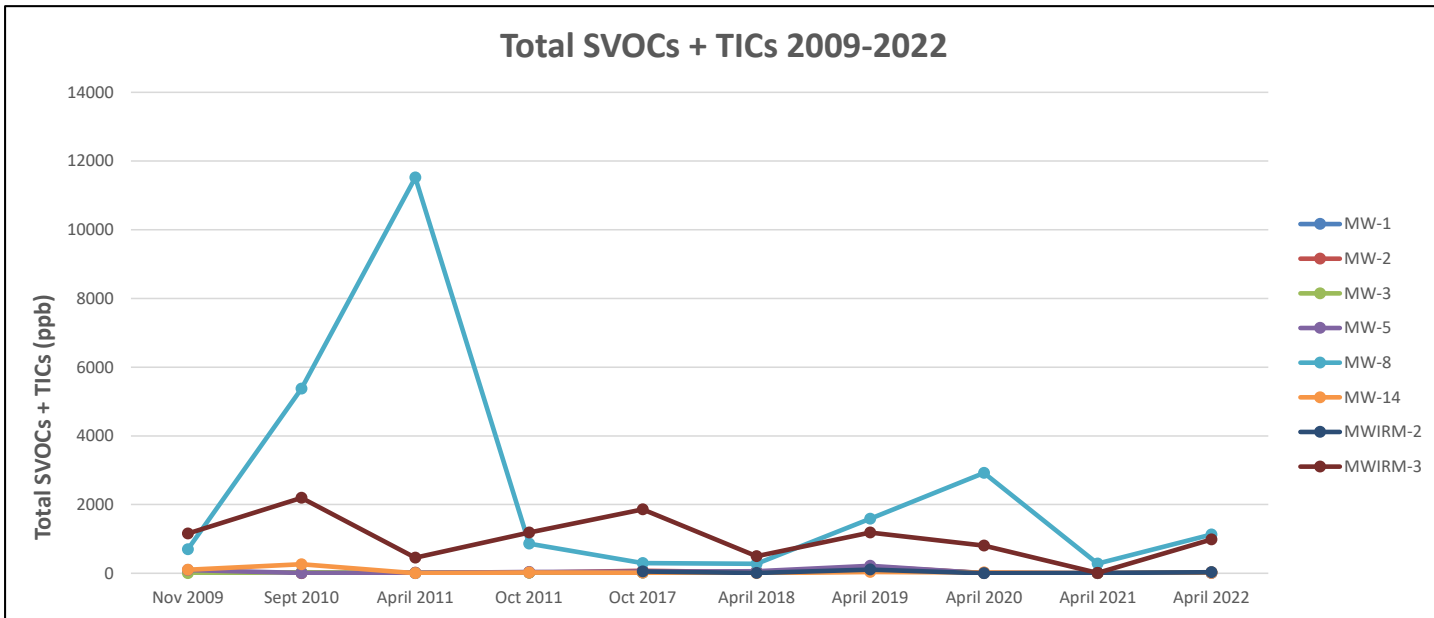
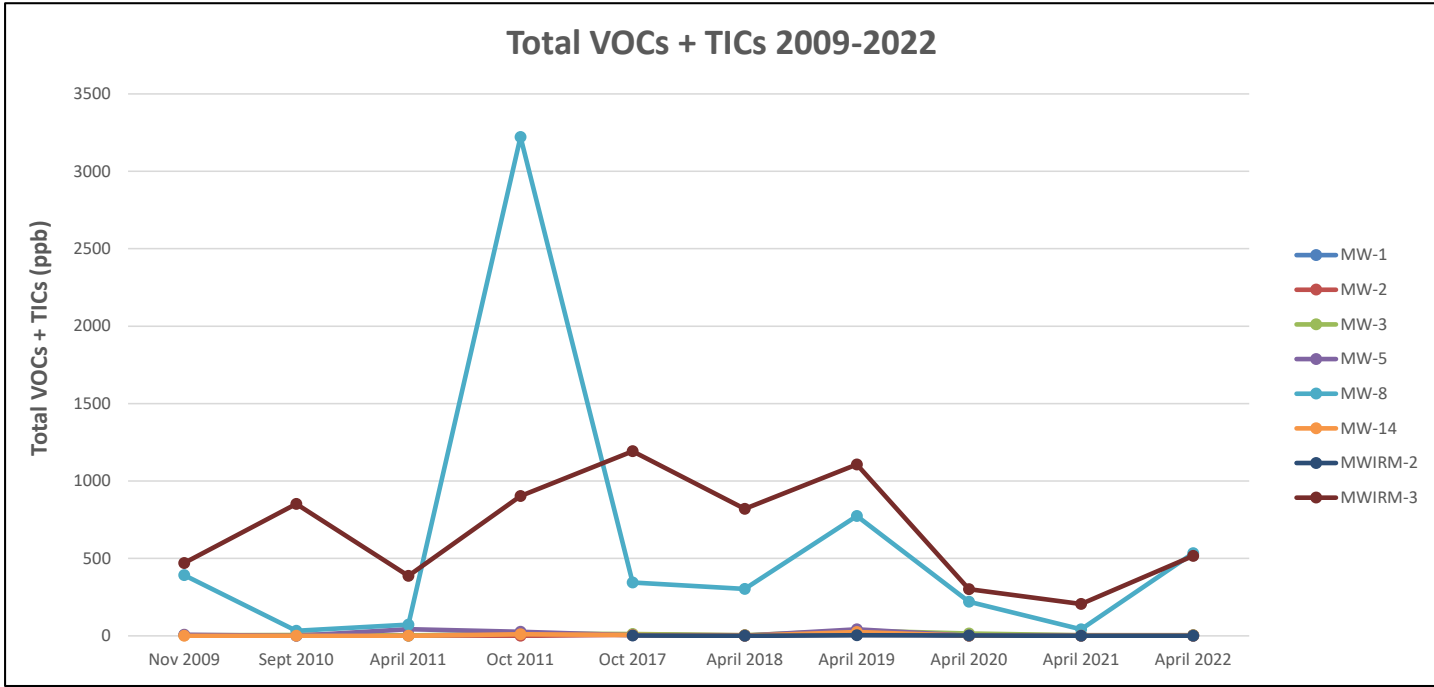
NA = Not Available

NT = Not Tested

R indicates result rejected in the DUSR



GRAPHS





APPENDIX 1

Field Logs



300 State Street
 Rochester, New York 14614
 Telephone: (585) 454-6110
 Facsimile: (585) 454-3066

WELL I.D.: MW-2

Project Name: 100 Fernwood Ave
 Location: Rochester, NY
 Project No.: 2221810
 Sampled By: J. Folger
 Date: 4/25/2022
 Weather: 70F Mostly Cloudy

WELL SAMPLING INFORMATION

Well Diameter: 1" Static Water Level: 4.58'
 Depth of Well: 12.80' Length of Well Screen: _____
 Measuring Point: TOC Depth to Top of Pump: 10'
 Pump Type: peristaltic Tubing Type: LDPE

FIELD PARAMETER MEASUREMENT

| Time | Pump Rate | Gallons Purged | pH | Temp °C | Conductivity (mS/cm) | Turbidity (NTU) | Dissolved O ₂ (mg/L) | Redox (mV) | | | Comments |
|------|-----------|----------------|---------|---------|----------------------|-----------------|---------------------------------|------------|--|--|-------------------|
| | | | +/- 0.1 | | +/- 3% | | + 10% | +/- 10 mV | | | |
| 1005 | | | 6.82 | 10.8 | 0.531 | 18.11 | 4.50 | 188.4 | | | |
| 1010 | | | 6.59 | 9.8 | 0.709 | 5.29 | 2.12 | 180.9 | | | |
| 1015 | | | 6.51 | 9.8 | 0.752 | 1.07 | 2.30 | 164.5 | | | |
| 1020 | | | 6.48 | 9.9 | 0.773 | 0.35 | 2.51 | 147.2 | | | |
| 1025 | | | 6.49 | 9.8 | 0.777 | 0.32 | 2.34 | 137.5 | | | |
| 1030 | | | 6.49 | 10.2 | 0.780 | 0.14 | 2.98 | 132.9 | | | |
| 1035 | | | 6.50 | 10.1 | 0.781 | 0.08 | 3.08 | 129.1 | | | |
| 1040 | | | 6.51 | 10.0 | 0.776 | 0.12 | 2.82 | 127.3 | | | Sample MW-2 @1040 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
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| | | | | | | | | | | | |

Total 0.75 Gallons Purged

Purge Time Start: 1000 Purge Time End: 1045 Final Static Water Level: 4.22'

OBSERVATIONS

Sample MW-2 collected at 1040



300 State Street
 Rochester, New York 14614
 Telephone: (585) 454-6110
 Facsimile: (585) 454-3066

WELL I.D.: MW-5

Project Name: 100 Fernwood Ave
 Location: Rochester, NY
 Project No.: 2221810
 Sampled By: J. Folger
 Date: 4/26/2022
 Weather: 50F Overcast

WELL SAMPLING INFORMATION

Well Diameter: 1" Static Water Level: 6.34'
 Depth of Well: 16.40' Length of Well Screen:
 Measuring Point: TOC Depth to Top of Pump: 10'
 Pump Type: peristaltic Tubing Type: LDPE

FIELD PARAMETER MEASUREMENT

| Time | Pump Rate | Gallons Purged | pH | Temp °C | Conductivity (mS/cm) | Turbidity (NTU) | Dissolved O ₂ (mg/L) | Redox (mV) | | | Comments |
|------|-----------|----------------|---------|---------|----------------------|-----------------|---------------------------------|------------|--|--|--------------------|
| | | | +/- 0.1 | | +/- 3% | | + 10% | +/- 10 mV | | | |
| 1005 | | | 7.01 | 9.9 | 0.667 | 35.44 | 13.03 | 114.1 | | | |
| 1010 | | | 6.69 | 9.9 | 0.649 | 212.13 | 12.70 | 129.7 | | | |
| 1015 | | | 6.66 | 9.8 | 0.659 | 241.03 | 12.60 | 135.3 | | | |
| 1020 | | | 6.68 | 9.7 | 0.661 | 379.20 | 12.59 | 137.5 | | | |
| 1025 | | | 6.69 | 9.7 | 0.660 | 427.13 | 12.54 | 139.1 | | | |
| 1030 | | | 6.66 | 9.7 | 0.663 | 23.46 | 12.76 | 142.3 | | | |
| 1035 | | | 6.66 | 9.7 | 0.664 | 43.24 | 12.54 | 143.5 | | | |
| 1040 | | | 6.66 | 9.7 | 0.664 | 15.45 | 12.57 | 144.7 | | | |
| 1045 | | | 6.66 | 9.5 | 0.665 | 10.54 | 12.59 | 145.1 | | | Sample MW-5 @ 1045 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Total 1.25 Gallons Purged

Purge Time Start: 1000 Purge Time End: 1050 Final Static Water Level: 6.54'

OBSERVATIONS

Sample MW-5 collected at 1045



300 State Street
 Rochester, New York 14614
 Telephone: (585) 454-6110
 Facsimile: (585) 454-3066

Project Name: 100 Fernwood Ave
 Location: Rochester, NY
 Project No.: 2221810
 Sampled By: J. Folger
 Date: 4/27/2022
 Weather: 40F Overcast

WELL I.D.: MWIRM-3

WELL SAMPLING INFORMATION

Well Diameter: 4" Static Water Level: 9.72' NAPL 9.68'
 Depth of Well: 16.70' Length of Well Screen: _____
 Measuring Point: TOC Depth to Top of Pump: 12'
 Pump Type: peristaltic Tubing Type: LDPE

FIELD PARAMETER MEASUREMENT

| Time | Pump Rate | Gallons Purged | pH | Temp °C | Conductivity (mS/cm) | Turbidity (NTU) | Dissolved O ₂ (mg/L) | Redox (mV) | | | Comments |
|------|-----------|----------------|---------|---------|----------------------|-----------------|---------------------------------|------------|--|--|-----------------------|
| | | | +/- 0.1 | | | | | | | | |
| 1005 | | | 6.99 | 9.0 | 1.297 | 30.81 | 4.01 | -120.8 | | | |
| 1010 | | | 6.93 | 8.8 | 1.302 | 28.14 | 2.61 | -147.8 | | | |
| 1015 | | | 6.92 | 8.6 | 1.302 | 25.78 | 2.52 | -155.5 | | | |
| 1020 | | | 6.92 | 8.6 | 1.300 | 22.94 | 2.47 | -161.4 | | | |
| 1025 | | | 6.92 | 8.7 | 1.301 | 23.32 | 2.44 | -166.0 | | | |
| 1030 | | | 6.91 | 8.7 | 1.296 | 18.54 | 2.41 | -170.9 | | | |
| 1035 | | | 6.90 | 8.6 | 1.295 | 18.45 | 2.40 | -177.0 | | | Sample MWIRM-3 @ 1035 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Total 0.75 Gallons Purged

Purge Time Start: 1000 Purge Time End: 1040 Final Static Water Level: 9.71

OBSERVATIONS

NAPL in flow cell
 Sample MWIRM-3 collected at 1035



APPENDIX 2

Annual Site-Wide Inspection Form

**ANNUAL SITE-WIDE INSPECTION FORM
FORMER VOGT MANUFACTURING FACILITY
100 FERNWOOD AVENUE
ROCHESTER, NEW YORK
NYSDEC SITE NUMBER: C828119**

Date of Inspection: November 11, 2022 November 28, 2022

Inspected By: Jeffrey Folger
LaBella Associates
Environmental Geologist

(Include: name, company, and position of person(s) conducting inspection)

General condition of above ground portions of the in-situ bioremediation system: _____

All items appear in good condition.

Evidence of damage or blockage of the air influent goose-neck connectors, PVC risers, or air effluent wind turbines: Yes No

Describe damage or blockage if observed: Damage was observed in April 2022,
downed PVC, dented wind turbines, but has been repaired.

Evidence of damage or blockage of monitoring wells:

Yes No

Describe damage or blockage if observed: Wells were obstructed by illegally dumped
garbage in April 2022. Enough debris has been removed to access wells.

Additional Comments: A locked gate and fencing along Fernwood Avenue
has been installed to prevent further damage to the remediation system
and illegal dumping.

Action Item(s) Required (attach photographs and/or sketches showing the approximate
location of any problems or incidents): none

Action Item(s) completed since last inspection: Repairs to damage observed
in April 2022, gate and fence erection.

Signatures:





APPENDIX 3

Institutional and Engineering Controls Certification Form



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



| | Site Details | Box 1 | |
|--|------------------|-------------------------------------|-------------------------------------|
| Site No. C828119 | | | |
| Site Name Former Vogt Manufacturing Site | | | |
| Site Address: 100 Fernwood Ave. | Zip Code: 14623- | | |
| City/Town: Rochester | | | |
| County: Monroe | | | |
| Site Acreage: 8.095 | | | |
| Reporting Period: December 31, 2021 to December 31, 2022 | | | |
| | | YES | NO |
| 1. Is the information above correct? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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? | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | | Box 2 | |
| | | YES | NO |
| 6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Are all ICs in place and functioning as designed? | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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 | |

| | | Box 2A | |
|--|---|-------------------------------------|-------------------------------------|
| | | YES | NO |
| 8. | Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form. | | | |
| 9. | Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions. | | | |

| | |
|--|--------------|
| SITE NO. C828119 | Box 3 |
| Description of Institutional Controls | |

| <u>Parcel</u> | <u>Owner</u> | <u>Institutional Control</u> |
|--|-----------------------------|--|
| 106.27-1-5 | Rochester Housing Authority | Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan |
| <p>The Controlled Property may be used for restricted residential, commercial or industrial use with the exception of Area "A" marked on the survey map where no occupied building can be constructed until the remedy in this area is completed to the DEC's satisfaction as long as the following long-term engineering controls are employed:</p> <p>(i) any future activities, including building renovation/expansion, subgrade utility line repair/relocation, and new construction, which will cause a disturbance of the remaining contaminated soil under the top two feet of surface soil must be conducted in accordance with the Department approved Site Management Plan (SMP);</p> <p>(ii) vegetable gardens and farming on the Controlled Property is prohibited;</p> <p>(iii) The use of groundwater underlying the Controlled Property is prohibited. The City of Rochester Code prohibits the use of groundwater as a potable source;</p> <p>(iv) The potential for vapor intrusion must be evaluated for any buildings developed on the Controlled Property, and any potential impacts that are identified must be monitored or mitigated in accordance with the SMP and applicable guidance in effect at the time of the investigation;</p> <p>(v) monitor, maintain and replace as necessary groundwater monitoring wells required to be monitored as set forth in the SMP.</p> | | |
| 106.27-1-87 | Rochester Housing Authority | Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan |
| <p>The Controlled Property may be used for restricted residential, commercial or industrial use with the exception of Area "A" marked on the survey map where no occupied building can be constructed until the remedy in this area is completed to the DEC's satisfaction as long as the following long-term engineering controls are employed:</p> <p>(i) any future activities, including building renovation/expansion, subgrade utility line repair/relocation, and new construction, which will cause a disturbance of the remaining contaminated soil under the top two feet of surface soil must be conducted in accordance with the Department approved Site Management Plan (SMP);</p> <p>(ii) vegetable gardens and farming on the Controlled Property is prohibited;</p> <p>(iii) The use of groundwater underlying the Controlled Property is prohibited. The City of Rochester Code prohibits the use of groundwater as a potable source;</p> <p>(iv) The potential for vapor intrusion must be evaluated for any buildings developed on the Controlled Property, and any potential impacts that are identified must be monitored or mitigated in accordance with</p> | | |

the SMP and applicable guidance in effect at the time of the investigation;

(v) monitor, maintain and replace as necessary groundwater monitoring wells required to be monitored as set forth in the SMP.

106.27-1-88

100 Fernwood Avenue Associates

- Ground Water Use Restriction
- Soil Management Plan
- Landuse Restriction
- Building Use Restriction
- Monitoring Plan
- Site Management Plan
- O&M Plan
- IC/EC Plan

The Controlled Property may be used for restricted residential, commercial or industrial use with the exception of Area "A" marked on the survey map where no occupied building can be constructed until the remedy in this area is completed to the DEC's satisfaction as long as the following long-term engineering controls are employed:

(i) any future activities, including building renovation/expansion, subgrade utility line repair/relocation, and new construction, which will cause a disturbance of the remaining contaminated soil under the top two feet of surface soil must be conducted in accordance with the Department approved Site Management Plan (SMP);

(ii) vegetable gardens and farming on the Controlled Property is prohibited;

(iii) The use of groundwater underlying the Controlled Property is prohibited. The City of Rochester Code prohibits the use of groundwater as a potable source;

(iv) The potential for vapor intrusion must be evaluated for any buildings developed on the Controlled Property, and any potential impacts that are identified must be monitored or mitigated in accordance with the SMP and applicable guidance in effect at the time of the investigation;

(v) monitor, maintain and replace as necessary groundwater monitoring wells required to be monitored as set forth in the SMP.

106.27-1-89

100 Fernwood Avenue Associates

- Ground Water Use Restriction
- Soil Management Plan
- Landuse Restriction
- Building Use Restriction
- Monitoring Plan
- Site Management Plan
- O&M Plan
- IC/EC Plan

The Controlled Property may be used for restricted residential, commercial or industrial use with the exception of Area "A" marked on the survey map where no occupied building can be constructed until the remedy in this area is completed to the DEC's satisfaction as long as the following long-term engineering controls are employed:

(i) any future activities, including building renovation/expansion, subgrade utility line repair/relocation, and new construction, which will cause a disturbance of the remaining contaminated soil under the top two feet of surface soil must be conducted in accordance with the Department approved Site Management Plan (SMP);

(ii) vegetable gardens and farming on the Controlled Property is prohibited;

(iii) The use of groundwater underlying the Controlled Property is prohibited. The City of Rochester Code prohibits the use of groundwater as a potable source;

(iv) The potential for vapor intrusion must be evaluated for any buildings developed on the Controlled Property, and any potential impacts that are identified must be monitored or mitigated in accordance with the SMP and applicable guidance in effect at the time of the investigation;

(v) monitor, maintain and replace as necessary groundwater monitoring wells required to be monitored as set forth in the SMP.

106.27-1-90

100 Fernwood Avenue Associates

- Ground Water Use Restriction
- Soil Management Plan
- Landuse Restriction
- Building Use Restriction
- Monitoring Plan
- Site Management Plan
- O&M Plan
- IC/EC Plan

The Controlled Property may be used for restricted residential, commercial or industrial use with the exception of Area "A" marked on the survey map where no occupied building can be constructed until the remedy in this area is completed to the DEC's satisfaction as long as the following long-term engineering controls are employed:

(i) any future activities, including building renovation/expansion, subgrade utility line repair/relocation, and new construction, which will cause a disturbance of the remaining contaminated soil under the top two feet of surface soil must be conducted in accordance with the Department approved Site Management Plan (SMP);

(ii) vegetable gardens and farming on the Controlled Property is prohibited;

(iii) The use of groundwater underlying the Controlled Property is prohibited. The City of Rochester Code prohibits the use of groundwater as a potable source;

(iv) The potential for vapor intrusion must be evaluated for any buildings developed on the Controlled Property, and any potential impacts that are identified must be monitored or mitigated in accordance with the SMP and applicable guidance in effect at the time of the investigation;

(v) monitor, maintain and replace as necessary groundwater monitoring wells required to be monitored as set forth in the SMP.

106.27-1-91

100 Fernwood Avenue Associates

- Ground Water Use Restriction
- Landuse Restriction
- Monitoring Plan
- Site Management Plan
- O&M Plan
- IC/EC Plan

Soil Management Plan

The Controlled Property may be used for restricted residential, commercial or industrial use with the exception of Area "A" marked on the survey map where no occupied building can be constructed until the remedy in this area is completed to the DEC's satisfaction as long as the following long-term engineering controls are employed:

(i) any future activities, including building renovation/expansion, subgrade utility line repair/relocation, and new construction, which will cause a disturbance of the remaining contaminated soil under the top two feet of surface soil must be conducted in accordance with the Department approved Site Management Plan (SMP);

(ii) vegetable gardens and farming on the Controlled Property is prohibited;

(iii) The use of groundwater underlying the Controlled Property is prohibited. The City of Rochester Code prohibits the use of groundwater as a potable source;

(iv) The potential for vapor intrusion must be evaluated for any buildings developed on the Controlled Property, and any potential impacts that are identified must be monitored or mitigated in accordance with the SMP and applicable guidance in effect at the time of the investigation;

(v) monitor, maintain and replace as necessary groundwater monitoring wells required to be monitored as set forth in the SMP.

106.27-1-92

100 Fernwood Avenue Associates

- Soil Management Plan
- Ground Water Use Restriction
- Landuse Restriction
- Monitoring Plan
- Site Management Plan
- O&M Plan
- IC/EC Plan

The Controlled Property may be used for restricted residential, commercial or industrial use with the exception of Area "A" marked on the survey map where no occupied building can be constructed until the remedy in this area is completed to the DEC's satisfaction as long as the following long-term engineering controls are employed:

(i) any future activities, including building renovation/expansion, subgrade utility line repair/relocation, and new construction, which will cause a disturbance of the remaining contaminated soil under the top two feet of surface soil must be conducted in accordance with the Department approved Site Management Plan (SMP);

(ii) vegetable gardens and farming on the Controlled Property is prohibited;

(iii) The use of groundwater underlying the Controlled Property is prohibited. The City of Rochester Code prohibits the use of groundwater as a potable source;

(iv) The potential for vapor intrusion must be evaluated for any buildings developed on the Controlled Property, and any potential impacts that are identified must be monitored or mitigated in accordance with the SMP and applicable guidance in effect at the time of the investigation;

(v) monitor, maintain and replace as necessary groundwater monitoring wells required to be monitored as set forth in the SMP.

106.27-1-93

100 Fernwood Avenue Associates

- Ground Water Use Restriction
- Landuse Restriction
- Site Management Plan
- IC/EC Plan
- Soil Management Plan

The Controlled Property may be used for restricted residential, commercial or industrial use with the exception of Area "A" marked on the survey map where no occupied building can be constructed until the remedy in this area is completed to the DEC's satisfaction as long as the following long-term engineering controls are employed:

(i) any future activities, including building renovation/expansion, subgrade utility line repair/relocation, and new construction, which will cause a disturbance of the remaining contaminated soil under the top two feet of surface soil must be conducted in accordance with the Department approved Site Management Plan (SMP);

(ii) vegetable gardens and farming on the Controlled Property is prohibited;

(iii) The use of groundwater underlying the Controlled Property is prohibited. The City of Rochester Code prohibits the use of groundwater as a potable source;

(iv) The potential for vapor intrusion must be evaluated for any buildings developed on the Controlled Property, and any potential impacts that are identified must be monitored or mitigated in accordance with the SMP and applicable guidance in effect at the time of the investigation;

(v) monitor, maintain and replace as necessary groundwater monitoring wells required to be monitored as set forth in the SMP.

91.83-3-19

Rochester Housing Authority

Soil Management Plan
Ground Water Use Restriction
Landuse Restriction
Site Management Plan
IC/EC Plan

The Controlled Property may be used for restricted residential, commercial or industrial use with the exception of Area "A" marked on the survey map where no occupied building can be constructed until the remedy in this area is completed to the DEC's satisfaction as long as the following long-term engineering controls are employed:

(i) any future activities, including building renovation/expansion, subgrade utility line repair/relocation, and new construction, which will cause a disturbance of the remaining contaminated soil under the top two feet of surface soil must be conducted in accordance with the Department approved Site Management Plan (SMP);

(ii) vegetable gardens and farming on the Controlled Property is prohibited;

(iii) The use of groundwater underlying the Controlled Property is prohibited. The City of Rochester Code prohibits the use of groundwater as a potable source;

(iv) The potential for vapor intrusion must be evaluated for any buildings developed on the Controlled Property, and any potential impacts that are identified must be monitored or mitigated in accordance with the SMP and applicable guidance in effect at the time of the investigation;

(v) monitor, maintain and replace as necessary groundwater monitoring wells required to be monitored as set forth in the SMP.

91.83-3-20

Rochester Housing Authority

Ground Water Use Restriction
Landuse Restriction
Site Management Plan
IC/EC Plan

Soil Management Plan

The Controlled Property may be used for restricted residential, commercial or industrial use with the exception of Area "A" marked on the survey map where no occupied building can be constructed until the remedy in this area is completed to the DEC's satisfaction as long as the following long-term engineering controls are employed:

(i) any future activities, including building renovation/expansion, subgrade utility line repair/relocation, and new construction, which will cause a disturbance of the remaining contaminated soil under the top two feet of surface soil must be conducted in accordance with the Department approved Site Management Plan (SMP);

(ii) vegetable gardens and farming on the Controlled Property is prohibited;

(iii) The use of groundwater underlying the Controlled Property is prohibited. The City of Rochester Code prohibits the use of groundwater as a potable source;

(iv) The potential for vapor intrusion must be evaluated for any buildings developed on the Controlled Property, and any potential impacts that are identified must be monitored or mitigated in accordance with

the SMP and applicable guidance in effect at the time of the investigation;

(v) monitor, maintain and replace as necessary groundwater monitoring wells required to be monitored as set forth in the SMP.

91.83-3-21

Rochester Housing Authority

Soil Management Plan
 Ground Water Use Restriction
 Landuse Restriction
 Site Management Plan
 IC/EC Plan

The Controlled Property may be used for restricted residential, commercial or industrial use with the exception of Area "A" marked on the survey map where no occupied building can be constructed until the remedy in this area is completed to the DEC's satisfaction as long as the following long-term engineering controls are employed:

(i) any future activities, including building renovation/expansion, subgrade utility line repair/relocation, and new construction, which will cause a disturbance of the remaining contaminated soil under the top two feet of surface soil must be conducted in accordance with the Department approved Site Management Plan (SMP);

(ii) vegetable gardens and farming on the Controlled Property is prohibited;

(iii) The use of groundwater underlying the Controlled Property is prohibited. The City of Rochester Code prohibits the use of groundwater as a potable source;

(iv) The potential for vapor intrusion must be evaluated for any buildings developed on the Controlled Property, and any potential impacts that are identified must be monitored or mitigated in accordance with the SMP and applicable guidance in effect at the time of the investigation;

(v) monitor, maintain and replace as necessary groundwater monitoring wells required to be monitored as set forth in the SMP.

Box 4

Description of Engineering Controls

| <u>Parcel</u> | <u>Engineering Control</u> |
|--------------------|----------------------------|
| 106.27-1-5 | Vapor Mitigation |
| 106.27-1-87 | Vapor Mitigation |
| 106.27-1-88 | Vapor Mitigation |
| 106.27-1-89 | Vapor Mitigation |
| 106.27-1-90 | Vapor Mitigation |
| 106.27-1-91 | Vapor Mitigation |
| 106.27-1-92 | Vapor Mitigation |

| <u>Parcel</u> | <u>Engineering Control</u> |
|-------------------|----------------------------|
| 91.83-3-19 | Vapor Mitigation |
| 91.83-3-20 | Vapor Mitigation |
| 91.83-3-21 | Vapor Mitigation |

Periodic Review Report (PRR) Certification Statements

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

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

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

YES NO

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

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

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

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

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

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

YES NO

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. C828119**

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 Shawn Burr at 675 W. Main St.
print name print business address

am certifying as Executive Director (Owner or Remedial Party)

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

DocuSigned by:
Shawn Burr 1/25/2023
Signature of Owner, Remedial Party, or Designated Representative Date
Rendering Certification

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 Ann A. Barber at LaBella Associates, D.P.C., 300 State St, Rochester, NY 14614
print name print business address

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

Ann Barber



1/24/2023

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

Stamp
(Required for PE)

Date



APPENDIX 4

Laboratory Reports



ANALYTICAL REPORT

| | |
|-----------------|--|
| Lab Number: | L2221773 |
| Client: | LaBella Associates, P.C. 300 State Street Suite 201 Rochester, NY 14614 |
| ATTN: | Drew Brantner |
| Phone: | (607) 280-2628 |
| Project Name: | 100 FERNWOOD |
| Project Number: | 2221810 |
| Report Date: | 05/13/22 |

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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: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|----------------------------|------------------|---------------|----------------------------|---------------------------------|---------------------|
| L2221773-01 | MW-2 | WATER | ROCHESTER, NY | 04/25/22 10:40 | 04/26/22 |
| L2221773-02 | MW-8 | WATER | ROCHESTER, NY | 04/25/22 11:40 | 04/26/22 |
| L2221773-03 | MW-3 | WATER | ROCHESTER, NY | 04/26/22 09:30 | 04/26/22 |
| L2221773-04 | MW-5 | WATER | ROCHESTER, NY | 04/26/22 10:45 | 04/26/22 |
| L2221773-05 | MWIRM-2 | WATER | ROCHESTER, NY | 04/26/22 11:40 | 04/26/22 |
| L2221773-06 | MW-14 | WATER | ROCHESTER, NY | 04/26/22 14:40 | 04/26/22 |
| L2221773-07 | QA/QC | WATER | ROCHESTER, NY | 04/26/22 09:30 | 04/26/22 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

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: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

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.

Sample Receipt

The analyses performed were confirmed by the client.

Dissolved Gases

L2221773-02, -03, and -07: The sample was collected in pre-preserved vials; however, the pH of the sample was determined to be greater than two.

Semivolatile Organics

The WG1632944-1 Method Blank, associated with L2221773-03 through -07, has TIC(s) detected. The results are qualified with a "B" for any associated samples that have detections of the same TIC(s).

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: 05/13/22

ORGANICS

VOLATILES

Project Name: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-01
 Client ID: MW-2
 Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 10:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/03/22 11:25
 Analyst: LAC

| 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 | 0.85 | | 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 | 2.6 | | ug/l | 0.50 | 0.18 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |

Project Name: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-01
 Client ID: MW-2
 Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 10:40
 Date Received: 04/26/22
 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 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | 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 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| Freon-113 | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl cyclohexane | ND | | ug/l | 10 | 0.40 | 1 |

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 111 | | 70-130 |
| Toluene-d8 | 101 | | 70-130 |
| 4-Bromofluorobenzene | 99 | | 70-130 |
| Dibromofluoromethane | 109 | | 70-130 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-01
 Client ID: MW-2
 Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 10:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 05/04/22 19:29

Analyst: BB

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Dissolved Gases by GC - Mansfield Lab | | | | | | | |
| Methane | 2.05 | | ug/l | 2.00 | 2.00 | 1 | A |

Project Name: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-02
 Client ID: MW-8
 Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 11:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/03/22 13:31
 Analyst: LAC

| 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 | 0.92 | | ug/l | 0.50 | 0.16 | 1 |
| Toluene | 1.2 | J | ug/l | 2.5 | 0.70 | 1 |
| Ethylbenzene | 3.0 | | 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 | 0.12 | J | 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 | 0.29 | J | ug/l | 0.50 | 0.18 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |

Project Name: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-02
 Client ID: MW-8
 Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 11:40
 Date Received: 04/26/22
 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 | 7.0 | | ug/l | 2.5 | 0.70 | 1 |
| o-Xylene | 9.0 | | ug/l | 2.5 | 0.70 | 1 |
| cis-1,2-Dichloroethene | 3.5 | | 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 | 3.0 | 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 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | 0.88 | J | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl Acetate | ND | | ug/l | 2.0 | 0.23 | 1 |
| Cyclohexane | 1.4 | J | ug/l | 10 | 0.27 | 1 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| Freon-113 | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl cyclohexane | 1.2 | J | ug/l | 10 | 0.40 | 1 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-02
 Client ID: MW-8
 Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 11:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--|--------|-----------|-------|----|-----|-----------------|
| Volatile Organics by GC/MS - Westborough Lab | | | | | | |

Tentatively Identified Compounds

| | | | | | | |
|---------------------|------|----|------|--|--|---|
| Total TIC Compounds | 502 | J | ug/l | | | 1 |
| Unknown Aromatic | 26.8 | J | ug/l | | | 1 |
| Unknown | 26.0 | J | ug/l | | | 1 |
| Unknown Naphthalene | 54.5 | J | ug/l | | | 1 |
| Unknown Aromatic | 142 | J | ug/l | | | 1 |
| Unknown Aromatic | 46.6 | J | ug/l | | | 1 |
| Unknown Aromatic | 63.3 | J | ug/l | | | 1 |
| Unknown Aromatic | 26.7 | J | ug/l | | | 1 |
| Unknown Naphthalene | 58.2 | J | ug/l | | | 1 |
| Indane | 31.9 | NJ | ug/l | | | 1 |
| Unknown Aromatic | 26.2 | J | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 117 | | 70-130 |
| Toluene-d8 | 101 | | 70-130 |
| 4-Bromofluorobenzene | 97 | | 70-130 |
| Dibromofluoromethane | 106 | | 70-130 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-02
 Client ID: MW-8
 Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 11:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 05/04/22 19:47
 Analyst: BB

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Dissolved Gases by GC - Mansfield Lab | | | | | | | |
| Methane | 2650 | | ug/l | 2.00 | 2.00 | 1 | A |

Project Name: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-03
 Client ID: MW-3
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 09:30
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/03/22 11:46
 Analyst: LAC

| 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 | 4.0 | | 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: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-03
 Client ID: MW-3
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 09:30
 Date Received: 04/26/22
 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 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | 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 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| Freon-113 | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl cyclohexane | ND | | ug/l | 10 | 0.40 | 1 |

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 108 | | 70-130 |
| Toluene-d8 | 101 | | 70-130 |
| 4-Bromofluorobenzene | 94 | | 70-130 |
| Dibromofluoromethane | 107 | | 70-130 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-03
 Client ID: MW-3
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 09:30
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 05/05/22 13:35

Analyst: BB

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Dissolved Gases by GC - Mansfield Lab | | | | | | | |
| Methane | ND | | ug/l | 2.00 | 2.00 | 1 | A |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-04
 Client ID: MW-5
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 10:45
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/03/22 12:07
 Analyst: LAC

| 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 | 0.31 | J | 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: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-04
 Client ID: MW-5
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 10:45
 Date Received: 04/26/22
 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 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | 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 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| Freon-113 | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl cyclohexane | ND | | ug/l | 10 | 0.40 | 1 |

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 109 | | 70-130 |
| Toluene-d8 | 100 | | 70-130 |
| 4-Bromofluorobenzene | 99 | | 70-130 |
| Dibromofluoromethane | 106 | | 70-130 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-04
 Client ID: MW-5
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 10:45
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 05/05/22 13:53
 Analyst: BB

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Dissolved Gases by GC - Mansfield Lab | | | | | | | |
| Methane | ND | | ug/l | 2.00 | 2.00 | 1 | A |

Project Name: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-05
 Client ID: MWIRM-2
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 11:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/03/22 12:28
 Analyst: LAC

| 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: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-05
 Client ID: MWIRM-2
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 11:40
 Date Received: 04/26/22
 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 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | 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 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| Freon-113 | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl cyclohexane | ND | | ug/l | 10 | 0.40 | 1 |

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 107 | | 70-130 |
| Toluene-d8 | 100 | | 70-130 |
| 4-Bromofluorobenzene | 99 | | 70-130 |
| Dibromofluoromethane | 106 | | 70-130 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-05
 Client ID: MWIRM-2
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 11:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 05/05/22 14:11
 Analyst: BB

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Dissolved Gases by GC - Mansfield Lab | | | | | | | |
| Methane | ND | | ug/l | 2.00 | 2.00 | 1 | A |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-06
 Client ID: MW-14
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 14:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/03/22 12:49
 Analyst: LAC

| 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: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-06
 Client ID: MW-14
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 14:40
 Date Received: 04/26/22
 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 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | 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 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| Freon-113 | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl cyclohexane | ND | | ug/l | 10 | 0.40 | 1 |

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 113 | | 70-130 |
| Toluene-d8 | 100 | | 70-130 |
| 4-Bromofluorobenzene | 100 | | 70-130 |
| Dibromofluoromethane | 106 | | 70-130 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-06
 Client ID: MW-14
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 14:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 05/05/22 14:29

Analyst: BB

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Dissolved Gases by GC - Mansfield Lab | | | | | | | |
| Methane | 2.00 | | ug/l | 2.00 | 2.00 | 1 | A |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-07
 Client ID: QA/QC
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 09:30
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/03/22 13:10
 Analyst: LAC

| 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: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-07
 Client ID: QA/QC
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 09:30
 Date Received: 04/26/22
 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 | 1.5 | 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 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | 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 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| Freon-113 | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl cyclohexane | ND | | ug/l | 10 | 0.40 | 1 |

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 111 | | 70-130 |
| Toluene-d8 | 100 | | 70-130 |
| 4-Bromofluorobenzene | 99 | | 70-130 |
| Dibromofluoromethane | 106 | | 70-130 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-07
 Client ID: QA/QC
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 09:30
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 05/05/22 14:47
 Analyst: BB

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Dissolved Gases by GC - Mansfield Lab | | | | | | | |
| Methane | ND | | ug/l | 2.00 | 2.00 | 1 | A |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/03/22 08:20
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|------|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1633753-5 | | | | | |
| 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: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/03/22 08:20
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|-----|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1633753-5 | | | | | |
| 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 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| Methyl Acetate | ND | | ug/l | 2.0 | 0.23 |
| Cyclohexane | ND | | ug/l | 10 | 0.27 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. |
| Freon-113 | ND | | ug/l | 2.5 | 0.70 |
| Methyl cyclohexane | ND | | ug/l | 10 | 0.40 |

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/03/22 08:20
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|----|-----|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1633753-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 108 | | 70-130 |
| Toluene-d8 | 100 | | 70-130 |
| 4-Bromofluorobenzene | 98 | | 70-130 |
| Dibromofluoromethane | 104 | | 70-130 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 05/04/22 13:15
Analyst: BB

| Parameter | Result | Qualifier | Units | RL | MDL | |
|---|---------------|------------------|--------------|-----------|------------|---|
| Dissolved Gases by GC - Mansfield Lab for sample(s): 01-02 Batch: WG1634400-3 | | | | | | |
| Methane | ND | | ug/l | 2.00 | 2.00 | A |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 05/05/22 10:38
Analyst: BB

| Parameter | Result | Qualifier | Units | RL | MDL | |
|---|---------------|------------------|--------------|-----------|------------|---|
| Dissolved Gases by GC - Mansfield Lab for sample(s): 03-07 Batch: WG1634946-3 | | | | | | |
| Methane | ND | | ug/l | 2.00 | 2.00 | A |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1633753-3 WG1633753-4 | | | | | | | | |
| Methylene chloride | 100 | | 110 | | 70-130 | 10 | | 20 |
| 1,1-Dichloroethane | 110 | | 120 | | 70-130 | 9 | | 20 |
| Chloroform | 100 | | 110 | | 70-130 | 10 | | 20 |
| Carbon tetrachloride | 100 | | 120 | | 63-132 | 18 | | 20 |
| 1,2-Dichloropropane | 100 | | 110 | | 70-130 | 10 | | 20 |
| Dibromochloromethane | 96 | | 100 | | 63-130 | 4 | | 20 |
| 1,1,2-Trichloroethane | 97 | | 100 | | 70-130 | 3 | | 20 |
| Tetrachloroethene | 100 | | 100 | | 70-130 | 0 | | 20 |
| Chlorobenzene | 100 | | 100 | | 75-130 | 0 | | 20 |
| Trichlorofluoromethane | 100 | | 110 | | 62-150 | 10 | | 20 |
| 1,2-Dichloroethane | 96 | | 100 | | 70-130 | 4 | | 20 |
| 1,1,1-Trichloroethane | 99 | | 110 | | 67-130 | 11 | | 20 |
| Bromodichloromethane | 100 | | 110 | | 67-130 | 10 | | 20 |
| trans-1,3-Dichloropropene | 85 | | 86 | | 70-130 | 1 | | 20 |
| cis-1,3-Dichloropropene | 93 | | 100 | | 70-130 | 7 | | 20 |
| Bromoform | 90 | | 96 | | 54-136 | 6 | | 20 |
| 1,1,2,2-Tetrachloroethane | 99 | | 100 | | 67-130 | 1 | | 20 |
| Benzene | 100 | | 110 | | 70-130 | 10 | | 20 |
| Toluene | 100 | | 110 | | 70-130 | 10 | | 20 |
| Ethylbenzene | 100 | | 110 | | 70-130 | 10 | | 20 |
| Chloromethane | 83 | | 89 | | 64-130 | 7 | | 20 |
| Bromomethane | 44 | | 48 | | 39-139 | 9 | | 20 |
| Vinyl chloride | 96 | | 100 | | 55-140 | 4 | | 20 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1633753-3 WG1633753-4 | | | | | | | | |
| Chloroethane | 91 | | 88 | | 55-138 | 3 | | 20 |
| 1,1-Dichloroethene | 100 | | 110 | | 61-145 | 10 | | 20 |
| trans-1,2-Dichloroethene | 99 | | 110 | | 70-130 | 11 | | 20 |
| Trichloroethene | 97 | | 110 | | 70-130 | 13 | | 20 |
| 1,2-Dichlorobenzene | 100 | | 100 | | 70-130 | 0 | | 20 |
| 1,3-Dichlorobenzene | 100 | | 100 | | 70-130 | 0 | | 20 |
| 1,4-Dichlorobenzene | 100 | | 100 | | 70-130 | 0 | | 20 |
| Methyl tert butyl ether | 85 | | 93 | | 63-130 | 9 | | 20 |
| p/m-Xylene | 100 | | 105 | | 70-130 | 5 | | 20 |
| o-Xylene | 105 | | 105 | | 70-130 | 0 | | 20 |
| cis-1,2-Dichloroethene | 100 | | 100 | | 70-130 | 0 | | 20 |
| Styrene | 105 | | 105 | | 70-130 | 0 | | 20 |
| Dichlorodifluoromethane | 54 | | 57 | | 36-147 | 5 | | 20 |
| Acetone | 120 | | 150 | Q | 58-148 | 22 | Q | 20 |
| Carbon disulfide | 98 | | 100 | | 51-130 | 2 | | 20 |
| 2-Butanone | 98 | | 110 | | 63-138 | 12 | | 20 |
| 4-Methyl-2-pentanone | 84 | | 95 | | 59-130 | 12 | | 20 |
| 2-Hexanone | 100 | | 110 | | 57-130 | 10 | | 20 |
| Bromochloromethane | 95 | | 100 | | 70-130 | 5 | | 20 |
| 1,2-Dibromoethane | 99 | | 99 | | 70-130 | 0 | | 20 |
| 1,2-Dibromo-3-chloropropane | 89 | | 94 | | 41-144 | 5 | | 20 |
| Isopropylbenzene | 100 | | 110 | | 70-130 | 10 | | 20 |
| 1,2,3-Trichlorobenzene | 97 | | 99 | | 70-130 | 2 | | 20 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1633753-3 WG1633753-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 98 | | 100 | | 70-130 | 2 | | 20 |
| Methyl Acetate | 95 | | 110 | | 70-130 | 15 | | 20 |
| Cyclohexane | 100 | | 120 | | 70-130 | 18 | | 20 |
| 1,4-Dioxane | 82 | | 98 | | 56-162 | 18 | | 20 |
| Freon-113 | 98 | | 110 | | 70-130 | 12 | | 20 |
| Methyl cyclohexane | 80 | | 99 | | 70-130 | 21 | Q | 20 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|-----------------------|------------------|------|-------------------|------|------------------------|
| 1,2-Dichloroethane-d4 | 97 | | 105 | | 70-130 |
| Toluene-d8 | 100 | | 101 | | 70-130 |
| 4-Bromofluorobenzene | 100 | | 99 | | 70-130 |
| Dibromofluoromethane | 97 | | 103 | | 70-130 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|--|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-02 Batch: WG1634400-2 | | | | | | | | | |
| Methane | 108 | | - | | 80-120 | - | | 25 | A |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|--|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Dissolved Gases by GC - Mansfield Lab Associated sample(s): 03-07 Batch: WG1634946-2 | | | | | | | | | |
| Methane | 107 | | - | | 80-120 | - | | 25 | A |

Matrix Spike Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| 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): 01-07 QC Batch ID: WG1633753-6 WG1633753-7 QC Sample: L2221773-05 Client ID: MWIRM-2 | | | | | | | | | | | | |
| Methylene chloride | ND | 10 | 11 | 110 | | 10 | 100 | | 70-130 | 10 | | 20 |
| 1,1-Dichloroethane | ND | 10 | 11 | 110 | | 11 | 110 | | 70-130 | 0 | | 20 |
| Chloroform | ND | 10 | 10 | 100 | | 10 | 100 | | 70-130 | 0 | | 20 |
| Carbon tetrachloride | ND | 10 | 10 | 100 | | 11 | 110 | | 63-132 | 10 | | 20 |
| 1,2-Dichloropropane | ND | 10 | 11 | 110 | | 10 | 100 | | 70-130 | 10 | | 20 |
| Dibromochloromethane | ND | 10 | 9.4 | 94 | | 9.5 | 95 | | 63-130 | 1 | | 20 |
| 1,1,2-Trichloroethane | ND | 10 | 11 | 110 | | 10 | 100 | | 70-130 | 10 | | 20 |
| Tetrachloroethene | ND | 10 | 10 | 100 | | 9.9 | 99 | | 70-130 | 1 | | 20 |
| Chlorobenzene | ND | 10 | 10 | 100 | | 10 | 100 | | 75-130 | 0 | | 20 |
| Trichlorofluoromethane | ND | 10 | 11 | 110 | | 10 | 100 | | 62-150 | 10 | | 20 |
| 1,2-Dichloroethane | ND | 10 | 11 | 110 | | 10 | 100 | | 70-130 | 10 | | 20 |
| 1,1,1-Trichloroethane | ND | 10 | 10 | 100 | | 10 | 100 | | 67-130 | 0 | | 20 |
| Bromodichloromethane | ND | 10 | 11 | 110 | | 10 | 100 | | 67-130 | 10 | | 20 |
| trans-1,3-Dichloropropene | ND | 10 | 8.1 | 81 | | 8.4 | 84 | | 70-130 | 4 | | 20 |
| cis-1,3-Dichloropropene | ND | 10 | 8.9 | 89 | | 9.1 | 91 | | 70-130 | 2 | | 20 |
| Bromoform | ND | 10 | 8.8 | 88 | | 9.0 | 90 | | 54-136 | 2 | | 20 |
| 1,1,2,2-Tetrachloroethane | ND | 10 | 11 | 110 | | 11 | 110 | | 67-130 | 0 | | 20 |
| Benzene | ND | 10 | 10 | 100 | | 10 | 100 | | 70-130 | 0 | | 20 |
| Toluene | ND | 10 | 11 | 110 | | 11 | 110 | | 70-130 | 0 | | 20 |
| Ethylbenzene | ND | 10 | 10 | 100 | | 10 | 100 | | 70-130 | 0 | | 20 |
| Chloromethane | ND | 10 | 8.8 | 88 | | 8.8 | 88 | | 64-130 | 0 | | 20 |
| Bromomethane | ND | 10 | 3.5 | 35 | Q | 3.9 | 39 | | 39-139 | 11 | | 20 |
| Vinyl chloride | ND | 10 | 10 | 100 | | 9.6 | 96 | | 55-140 | 4 | | 20 |

Matrix Spike Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| 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): 01-07 QC Batch ID: WG1633753-6 WG1633753-7 QC Sample: L2221773-05 Client ID: MWIRM-2 | | | | | | | | | | | | |
| Chloroethane | ND | 10 | 8.5 | 85 | | 8.3 | 83 | | 55-138 | 2 | | 20 |
| 1,1-Dichloroethene | ND | 10 | 11 | 110 | | 10 | 100 | | 61-145 | 10 | | 20 |
| trans-1,2-Dichloroethene | ND | 10 | 10 | 100 | | 10 | 100 | | 70-130 | 0 | | 20 |
| Trichloroethene | ND | 10 | 10 | 100 | | 10 | 100 | | 70-130 | 0 | | 20 |
| 1,2-Dichlorobenzene | ND | 10 | 9.9 | 99 | | 9.8 | 98 | | 70-130 | 1 | | 20 |
| 1,3-Dichlorobenzene | ND | 10 | 9.8 | 98 | | 9.9 | 99 | | 70-130 | 1 | | 20 |
| 1,4-Dichlorobenzene | ND | 10 | 9.9 | 99 | | 9.9 | 99 | | 70-130 | 0 | | 20 |
| Methyl tert butyl ether | ND | 10 | 9.8 | 98 | | 10 | 100 | | 63-130 | 2 | | 20 |
| p/m-Xylene | ND | 20 | 21 | 105 | | 20 | 100 | | 70-130 | 5 | | 20 |
| o-Xylene | ND | 20 | 21 | 105 | | 21 | 105 | | 70-130 | 0 | | 20 |
| cis-1,2-Dichloroethene | ND | 10 | 11 | 110 | | 10 | 100 | | 70-130 | 10 | | 20 |
| Styrene | ND | 20 | 21 | 105 | | 21 | 105 | | 70-130 | 0 | | 20 |
| Dichlorodifluoromethane | ND | 10 | 5.6 | 56 | | 5.4 | 54 | | 36-147 | 4 | | 20 |
| Acetone | ND | 10 | 15 | 150 | Q | 15 | 150 | Q | 58-148 | 0 | | 20 |
| Carbon disulfide | ND | 10 | 10 | 100 | | 10 | 100 | | 51-130 | 0 | | 20 |
| 2-Butanone | ND | 10 | 11 | 110 | | 12 | 120 | | 63-138 | 9 | | 20 |
| 4-Methyl-2-pentanone | ND | 10 | 10 | 100 | | 10 | 100 | | 59-130 | 0 | | 20 |
| 2-Hexanone | ND | 10 | 12 | 120 | | 12 | 120 | | 57-130 | 0 | | 20 |
| Bromochloromethane | ND | 10 | 11 | 110 | | 10 | 100 | | 70-130 | 10 | | 20 |
| 1,2-Dibromoethane | ND | 10 | 9.9 | 99 | | 10 | 100 | | 70-130 | 1 | | 20 |
| 1,2-Dibromo-3-chloropropane | ND | 10 | 9.0 | 90 | | 12 | 120 | | 41-144 | 29 | Q | 20 |
| Isopropylbenzene | ND | 10 | 10 | 100 | | 9.7 | 97 | | 70-130 | 3 | | 20 |
| 1,2,3-Trichlorobenzene | ND | 10 | 9.4 | 94 | | 9.9 | 99 | | 70-130 | 5 | | 20 |

Matrix Spike Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

| 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): 01-07 QC Batch ID: WG1633753-6 WG1633753-7 QC Sample: L2221773-05 Client ID: MWIRM-2 | | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 10 | 9.5 | 95 | | 9.4 | 94 | | 70-130 | 1 | | 20 |
| Methyl Acetate | ND | 10 | 11 | 110 | | 12 | 120 | | 70-130 | 9 | | 20 |
| Cyclohexane | ND | 10 | 12 | 120 | | 11 | 110 | | 70-130 | 9 | | 20 |
| 1,4-Dioxane | ND | 500 | 560 | 112 | | 570 | 114 | | 56-162 | 2 | | 20 |
| Freon-113 | ND | 10 | 11 | 110 | | 10 | 100 | | 70-130 | 10 | | 20 |
| Methyl cyclohexane | ND | 10 | 9.0J | 90 | | 8.9J | 89 | | 70-130 | 1 | | 20 |

| Surrogate | MS % Recovery | MS Qualifier | MSD % Recovery | MSD Qualifier | Acceptance Criteria |
|-----------------------|---------------|--------------|----------------|---------------|---------------------|
| 1,2-Dichloroethane-d4 | 108 | | 110 | | 70-130 |
| 4-Bromofluorobenzene | 97 | | 97 | | 70-130 |
| Dibromofluoromethane | 102 | | 104 | | 70-130 |
| Toluene-d8 | 101 | | 101 | | 70-130 |

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits | Column |
|--|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|--------|
| Dissolved Gases by GC - Mansfield Lab Associated sample(s): 03-07 QC Batch ID: WG1634946-6 WG1634946-7 QC Sample: L2221773-05 Client ID: MWIRM-2 | | | | | | | | | | | | | |
| Methane | ND | 54.6 | 56.1 | 103 | | 55.9 | 102 | | 80-120 | 0 | | 25 | A |



SEMIVOLATILES

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-01
 Client ID: MW-2
 Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 10:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 04/30/22 21:53
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 04/29/22 08:18

| 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: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-01
 Client ID: MW-2
 Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 10:40
 Date Received: 04/26/22
 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 |

Tentatively Identified Compounds

| | | | | | | |
|----------------------|------|---|------|--|--|---|
| Total TIC Compounds | 33.7 | J | ug/l | | | 1 |
| Unknown Organic Acid | 1.89 | J | ug/l | | | 1 |
| Unknown | 2.80 | J | ug/l | | | 1 |
| Unknown | 3.93 | J | ug/l | | | 1 |
| Unknown | 2.33 | J | ug/l | | | 1 |
| Unknown | 3.42 | J | ug/l | | | 1 |
| Unknown | 2.11 | J | ug/l | | | 1 |
| Unknown | 4.47 | J | ug/l | | | 1 |
| Unknown Alkane | 2.65 | J | ug/l | | | 1 |
| Unknown Alkane | 2.65 | J | ug/l | | | 1 |
| Unknown Benzene | 2.44 | J | ug/l | | | 1 |
| Unknown | 2.98 | J | ug/l | | | 1 |
| Unknown | 2.07 | J | ug/l | | | 1 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-01

Date Collected: 04/25/22 10:40

Client ID: MW-2

Date Received: 04/26/22

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--|--------|-----------|-------|----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol | 58 | | 21-120 |
| Phenol-d6 | 46 | | 10-120 |
| Nitrobenzene-d5 | 75 | | 23-120 |
| 2-Fluorobiphenyl | 60 | | 15-120 |
| 2,4,6-Tribromophenol | 59 | | 10-120 |
| 4-Terphenyl-d14 | 58 | | 41-149 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-01
 Client ID: MW-2
 Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 10:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/01/22 08:57
 Analyst: AH

Extraction Method: EPA 3510C
 Extraction Date: 04/29/22 08:19

| 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 | 0.02 | J | 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: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-01

Date Collected: 04/25/22 10:40

Client ID: MW-2

Date Received: 04/26/22

Sample Location: ROCHESTER, 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 | 41 | | 10-120 |
| Nitrobenzene-d5 | 59 | | 23-120 |
| 2-Fluorobiphenyl | 55 | | 15-120 |
| 2,4,6-Tribromophenol | 70 | | 10-120 |
| 4-Terphenyl-d14 | 56 | | 41-149 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-02
 Client ID: MW-8
 Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 11:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 04/30/22 21:29
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 04/29/22 08:18

| 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 | 28. | | 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 | 5.4 | | 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: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-02
 Client ID: MW-8
 Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 11:40
 Date Received: 04/26/22
 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 | 1.7 | J | 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 | 18. | | 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 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-02
 Client ID: MW-8
 Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 11:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--|--------|-----------|-------|----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab | | | | | | |

Tentatively Identified Compounds

| | | | | | | |
|------------------------|------|----|------|--|--|---|
| Total TIC Compounds | 910 | J | ug/l | | | 1 |
| Unknown Naphthalene | 52.1 | J | ug/l | | | 1 |
| Unknown | 62.1 | J | ug/l | | | 1 |
| Unknown Alkane | 36.4 | J | ug/l | | | 1 |
| Unknown Naphthalene | 133 | J | ug/l | | | 1 |
| Unknown Naphthalene | 40.4 | J | ug/l | | | 1 |
| Unknown Naphthalene | 42.2 | J | ug/l | | | 1 |
| Unknown Naphthalene | 47.4 | J | ug/l | | | 1 |
| Unknown Naphthalene | 124 | J | ug/l | | | 1 |
| Unknown Naphthalene | 70.2 | J | ug/l | | | 1 |
| Naphthalene, 1-methyl- | 35.8 | NJ | ug/l | | | 1 |
| Unknown Naphthalene | 44.3 | J | ug/l | | | 1 |
| Unknown Naphthalene | 51.5 | J | ug/l | | | 1 |
| Unknown Naphthalene | 50.9 | J | ug/l | | | 1 |
| Unknown Biphenyl | 60.2 | J | ug/l | | | 1 |
| Unknown Naphthalene | 59.0 | J | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol | 64 | | 21-120 |
| Phenol-d6 | 52 | | 10-120 |
| Nitrobenzene-d5 | 80 | | 23-120 |
| 2-Fluorobiphenyl | 69 | | 15-120 |
| 2,4,6-Tribromophenol | 71 | | 10-120 |
| 4-Terphenyl-d14 | 62 | | 41-149 |

Project Name: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-02
 Client ID: MW-8
 Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 11:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/01/22 09:14
 Analyst: AH

Extraction Method: EPA 3510C
 Extraction Date: 04/29/22 08:19

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--|--------|-----------|-------|------|------|-----------------|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab | | | | | | |
| Acenaphthene | 21 | | ug/l | 0.10 | 0.01 | 1 |
| 2-Chloronaphthalene | ND | | ug/l | 0.20 | 0.02 | 1 |
| Fluoranthene | 1.7 | | ug/l | 0.10 | 0.02 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.05 | 1 |
| Naphthalene | 65 | | ug/l | 0.10 | 0.05 | 1 |
| Benzo(a)anthracene | 1.5 | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(a)pyrene | 0.51 | | ug/l | 0.10 | 0.02 | 1 |
| Benzo(b)fluoranthene | 0.28 | | ug/l | 0.10 | 0.01 | 1 |
| Benzo(k)fluoranthene | 0.07 | J | ug/l | 0.10 | 0.01 | 1 |
| Chrysene | 1.8 | | ug/l | 0.10 | 0.01 | 1 |
| Acenaphthylene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Anthracene | 13 | | ug/l | 0.10 | 0.01 | 1 |
| Benzo(ghi)perylene | 0.26 | | ug/l | 0.10 | 0.01 | 1 |
| Fluorene | 18 | | ug/l | 0.10 | 0.01 | 1 |
| Phenanthrene | 44 | | ug/l | 0.10 | 0.02 | 1 |
| Dibenzo(a,h)anthracene | 0.08 | J | ug/l | 0.10 | 0.01 | 1 |
| Indeno(1,2,3-cd)pyrene | 0.12 | | ug/l | 0.10 | 0.01 | 1 |
| Pyrene | 8.5 | | ug/l | 0.10 | 0.02 | 1 |
| 2-Methylnaphthalene | 44 | | 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: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-02

Date Collected: 04/25/22 11:40

Client ID: MW-8

Date Received: 04/26/22

Sample Location: ROCHESTER, 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 | 58 | | 21-120 |
| Phenol-d6 | 49 | | 10-120 |
| Nitrobenzene-d5 | 74 | | 23-120 |
| 2-Fluorobiphenyl | 66 | | 15-120 |
| 2,4,6-Tribromophenol | 83 | | 10-120 |
| 4-Terphenyl-d14 | 62 | | 41-149 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-03
 Client ID: MW-3
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 09:30
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/02/22 19:55
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 05/01/22 15:33

| 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: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-03
 Client ID: MW-3
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 09:30
 Date Received: 04/26/22
 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 |

Tentatively Identified Compounds

| | | | | | | |
|----------------------|------|----|------|--|--|---|
| Total TIC Compounds | 24.2 | J | ug/l | | | 1 |
| Unknown | 2.07 | JB | ug/l | | | 1 |
| Unknown | 9.27 | J | ug/l | | | 1 |
| Unknown | 3.20 | J | ug/l | | | 1 |
| Unknown | 3.20 | JB | ug/l | | | 1 |
| Unknown | 3.64 | JB | ug/l | | | 1 |
| Unknown Organic Acid | 2.80 | J | ug/l | | | 1 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-03

Date Collected: 04/26/22 09:30

Client ID: MW-3

Date Received: 04/26/22

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|-----------|--------|-----------|-------|----|-----|-----------------|
|-----------|--------|-----------|-------|----|-----|-----------------|

Semivolatile Organics by GC/MS - Westborough Lab

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol | 57 | | 21-120 |
| Phenol-d6 | 44 | | 10-120 |
| Nitrobenzene-d5 | 62 | | 23-120 |
| 2-Fluorobiphenyl | 60 | | 15-120 |
| 2,4,6-Tribromophenol | 60 | | 10-120 |
| 4-Terphenyl-d14 | 70 | | 41-149 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-03
 Client ID: MW-3
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 09:30
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/02/22 12:42
 Analyst: AH

Extraction Method: EPA 3510C
 Extraction Date: 05/01/22 15:36

| 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 | 0.02 | J | 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 | 0.03 | J | 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: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-03

Date Collected: 04/26/22 09:30

Client ID: MW-3

Date Received: 04/26/22

Sample Location: ROCHESTER, 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 | 51 | | 10-120 |
| Nitrobenzene-d5 | 74 | | 23-120 |
| 2-Fluorobiphenyl | 70 | | 15-120 |
| 2,4,6-Tribromophenol | 92 | | 10-120 |
| 4-Terphenyl-d14 | 77 | | 41-149 |

Project Name: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-04
 Client ID: MW-5
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 10:45
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/02/22 20:18
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 05/01/22 15:33

| 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: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-04
 Client ID: MW-5
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 10:45
 Date Received: 04/26/22
 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 |

Tentatively Identified Compounds

| | | | | |
|----------------------|------|----|------|---|
| Total TIC Compounds | 8.50 | J | ug/l | 1 |
| Unknown | 4.47 | JB | ug/l | 1 |
| Unknown Alcohol | 2.36 | J | ug/l | 1 |
| Unknown Organic Acid | 1.67 | J | ug/l | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol | 63 | | 21-120 |
| Phenol-d6 | 49 | | 10-120 |
| Nitrobenzene-d5 | 71 | | 23-120 |
| 2-Fluorobiphenyl | 72 | | 15-120 |
| 2,4,6-Tribromophenol | 71 | | 10-120 |
| 4-Terphenyl-d14 | 81 | | 41-149 |

Project Name: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-04
 Client ID: MW-5
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 10:45
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/02/22 12:59
 Analyst: AH

Extraction Method: EPA 3510C
 Extraction Date: 05/01/22 15:36

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|--------|-----------|-------|------|------|-----------------|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab | | | | | | |
| Acenaphthene | 0.02 | J | 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 | 0.07 | J | ug/l | 0.10 | 0.05 | 1 |
| Benzo(a)anthracene | 0.03 | J | 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 | ND | | 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 | 0.02 | J | ug/l | 0.10 | 0.01 | 1 |
| Benzo(ghi)perylene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Fluorene | 0.02 | J | ug/l | 0.10 | 0.01 | 1 |
| Phenanthrene | 0.03 | 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 | ND | | ug/l | 0.10 | 0.02 | 1 |
| 2-Methylnaphthalene | 0.04 | J | ug/l | 0.10 | 0.02 | 1 |
| Pentachlorophenol | ND | | ug/l | 0.80 | 0.01 | 1 |
| Hexachlorobenzene | 0.02 | J | ug/l | 0.80 | 0.01 | 1 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.06 | 1 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-04

Date Collected: 04/26/22 10:45

Client ID: MW-5

Date Received: 04/26/22

Sample Location: ROCHESTER, 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 | 68 | | 21-120 |
| Phenol-d6 | 57 | | 10-120 |
| Nitrobenzene-d5 | 87 | | 23-120 |
| 2-Fluorobiphenyl | 82 | | 15-120 |
| 2,4,6-Tribromophenol | 108 | | 10-120 |
| 4-Terphenyl-d14 | 89 | | 41-149 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-05
 Client ID: MWIRM-2
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 11:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/02/22 20:40
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 05/01/22 15:33

| 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: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-05
 Client ID: MWIRM-2
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 11:40
 Date Received: 04/26/22
 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 |

Tentatively Identified Compounds

| | | | | | | |
|----------------------|------|----|------|--|--|---|
| Total TIC Compounds | 28.7 | J | ug/l | | | 1 |
| Unknown | 2.00 | JB | ug/l | | | 1 |
| Unknown | 1.45 | J | ug/l | | | 1 |
| Unknown | 4.47 | JB | ug/l | | | 1 |
| Unknown Alkane | 1.85 | J | ug/l | | | 1 |
| Unknown Alkane | 1.49 | J | ug/l | | | 1 |
| Unknown Alkane | 1.49 | J | ug/l | | | 1 |
| Unknown Amide | 1.45 | J | ug/l | | | 1 |
| Unknown Organic Acid | 6.29 | J | ug/l | | | 1 |
| Unknown Organic Acid | 8.25 | J | ug/l | | | 1 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-05

Date Collected: 04/26/22 11:40

Client ID: MWIRM-2

Date Received: 04/26/22

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--|--------|-----------|-------|----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol | 59 | | 21-120 |
| Phenol-d6 | 47 | | 10-120 |
| Nitrobenzene-d5 | 65 | | 23-120 |
| 2-Fluorobiphenyl | 60 | | 15-120 |
| 2,4,6-Tribromophenol | 60 | | 10-120 |
| 4-Terphenyl-d14 | 65 | | 41-149 |

Project Name: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-05
 Client ID: MWIRM-2
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 11:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/02/22 13:16
 Analyst: AH

Extraction Method: EPA 3510C
 Extraction Date: 05/01/22 15:36

| 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 | 0.03 | J | ug/l | 0.10 | 0.01 | 1 |
| Benzo(ghi)perylene | ND | | ug/l | 0.10 | 0.01 | 1 |
| Fluorene | 0.01 | J | ug/l | 0.10 | 0.01 | 1 |
| Phenanthrene | 0.02 | 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 | 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: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-05

Date Collected: 04/26/22 11:40

Client ID: MWIRM-2

Date Received: 04/26/22

Sample Location: ROCHESTER, 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 | 61 | | 21-120 |
| Phenol-d6 | 52 | | 10-120 |
| Nitrobenzene-d5 | 75 | | 23-120 |
| 2-Fluorobiphenyl | 72 | | 15-120 |
| 2,4,6-Tribromophenol | 97 | | 10-120 |
| 4-Terphenyl-d14 | 78 | | 41-149 |

Project Name: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-06
 Client ID: MW-14
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 14:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/02/22 21:02
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 05/01/22 15:33

| 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: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-06
 Client ID: MW-14
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 14:40
 Date Received: 04/26/22
 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 |

Tentatively Identified Compounds

| | | | | |
|----------------------|------|----|------|---|
| Total TIC Compounds | 9.34 | J | ug/l | 1 |
| Unknown | 2.47 | JB | ug/l | 1 |
| Unknown | 2.98 | JB | ug/l | 1 |
| Unknown Organic Acid | 1.89 | J | ug/l | 1 |
| Unknown Organic Acid | 2.00 | J | ug/l | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol | 70 | | 21-120 |
| Phenol-d6 | 55 | | 10-120 |
| Nitrobenzene-d5 | 70 | | 23-120 |
| 2-Fluorobiphenyl | 67 | | 15-120 |
| 2,4,6-Tribromophenol | 74 | | 10-120 |
| 4-Terphenyl-d14 | 72 | | 41-149 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-06
 Client ID: MW-14
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 14:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/02/22 14:22
 Analyst: AH

Extraction Method: EPA 3510C
 Extraction Date: 05/01/22 15:36

| 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 | 0.02 | J | 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 | 0.02 | J | 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 | 0.03 | 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 | 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 | 0.02 | J | ug/l | 0.80 | 0.01 | 1 |
| Hexachloroethane | ND | | ug/l | 0.80 | 0.06 | 1 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-06

Date Collected: 04/26/22 14:40

Client ID: MW-14

Date Received: 04/26/22

Sample Location: ROCHESTER, 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 | 63 | | 21-120 |
| Phenol-d6 | 55 | | 10-120 |
| Nitrobenzene-d5 | 75 | | 23-120 |
| 2-Fluorobiphenyl | 71 | | 15-120 |
| 2,4,6-Tribromophenol | 90 | | 10-120 |
| 4-Terphenyl-d14 | 75 | | 41-149 |

Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-07
 Client ID: QA/QC
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 09:30
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/02/22 21:25
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 05/01/22 15:33

| 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 | 9.5 | | 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: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-07
 Client ID: QA/QC
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 09:30
 Date Received: 04/26/22
 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 |

Project Name: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-07
 Client ID: QA/QC
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 09:30
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--|--------|-----------|-------|----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab | | | | | | |

Tentatively Identified Compounds

| | | | | | | |
|----------------------|------|----|------|--|--|---|
| Total TIC Compounds | 148 | J | ug/l | | | 1 |
| Unknown | 2.94 | JB | ug/l | | | 1 |
| Unknown | 6.54 | J | ug/l | | | 1 |
| Unknown Alkane | 4.58 | J | ug/l | | | 1 |
| Unknown Alkane | 4.11 | J | ug/l | | | 1 |
| Unknown Alkane | 3.67 | J | ug/l | | | 1 |
| Unknown Alkane | 9.02 | J | ug/l | | | 1 |
| Unknown Alkane | 11.5 | J | ug/l | | | 1 |
| Unknown Alkane | 15.8 | J | ug/l | | | 1 |
| Unknown Alkane | 14.4 | J | ug/l | | | 1 |
| Unknown Alkane | 14.9 | J | ug/l | | | 1 |
| Unknown Alkane | 11.0 | J | ug/l | | | 1 |
| Unknown Alkane | 10.4 | J | ug/l | | | 1 |
| Unknown Alkane | 6.40 | J | ug/l | | | 1 |
| Unknown Organic Acid | 14.4 | J | ug/l | | | 1 |
| Unknown Organic Acid | 18.2 | J | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol | 57 | | 21-120 |
| Phenol-d6 | 51 | | 10-120 |
| Nitrobenzene-d5 | 66 | | 23-120 |
| 2-Fluorobiphenyl | 61 | | 15-120 |
| 2,4,6-Tribromophenol | 69 | | 10-120 |
| 4-Terphenyl-d14 | 63 | | 41-149 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-07
 Client ID: QA/QC
 Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 09:30
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/02/22 14:39
 Analyst: AH

Extraction Method: EPA 3510C
 Extraction Date: 05/01/22 15:36

| 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 | 0.08 | J | ug/l | 0.10 | 0.02 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 0.50 | 0.05 | 1 |
| Naphthalene | 0.71 | | ug/l | 0.10 | 0.05 | 1 |
| Benzo(a)anthracene | 0.06 | J | ug/l | 0.10 | 0.02 | 1 |
| Benzo(a)pyrene | 0.05 | J | ug/l | 0.10 | 0.02 | 1 |
| Benzo(b)fluoranthene | 0.08 | J | ug/l | 0.10 | 0.01 | 1 |
| Benzo(k)fluoranthene | 0.03 | J | ug/l | 0.10 | 0.01 | 1 |
| Chrysene | 0.05 | J | ug/l | 0.10 | 0.01 | 1 |
| Acenaphthylene | 0.04 | J | ug/l | 0.10 | 0.01 | 1 |
| Anthracene | 0.05 | J | ug/l | 0.10 | 0.01 | 1 |
| Benzo(ghi)perylene | 0.04 | J | ug/l | 0.10 | 0.01 | 1 |
| Fluorene | 0.03 | J | ug/l | 0.10 | 0.01 | 1 |
| Phenanthrene | 0.06 | 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 | 0.04 | J | ug/l | 0.10 | 0.01 | 1 |
| Pyrene | 0.08 | J | ug/l | 0.10 | 0.02 | 1 |
| 2-Methylnaphthalene | 0.18 | | 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: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-07

Date Collected: 04/26/22 09:30

Client ID: QA/QC

Date Received: 04/26/22

Sample Location: ROCHESTER, 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 | 52 | | 10-120 |
| Nitrobenzene-d5 | 71 | | 23-120 |
| 2-Fluorobiphenyl | 70 | | 15-120 |
| 2,4,6-Tribromophenol | 93 | | 10-120 |
| 4-Terphenyl-d14 | 70 | | 41-149 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/29/22 18:04
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 04/29/22 08:18

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|-----|------|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1632450-1 | | | | | |
| 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 | ND | | 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: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/29/22 18:04
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 04/29/22 08:18

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|-----|------|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1632450-1 | | | | | |
| 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 |

Tentatively Identified Compounds

| | | | |
|---------------------|------|---|------|
| Total TIC Compounds | 53.0 | J | ug/l |
| Unknown | 6.76 | J | ug/l |
| Unknown | 5.24 | J | ug/l |
| Unknown | 10.2 | J | ug/l |
| Unknown | 3.93 | J | ug/l |
| Unknown | 5.96 | J | ug/l |
| Unknown | 7.71 | J | ug/l |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/29/22 18:04
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 04/29/22 08:18

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1632450-1 | | | | | |

Tentatively Identified Compounds

| | | | | | |
|---------|------|---|------|--|--|
| Unknown | 5.56 | J | ug/l | | |
| Unknown | 1.67 | J | ug/l | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|----------------------|-----------|-----------|---------------------|
| 2-Fluorophenol | 56 | | 21-120 |
| Phenol-d6 | 46 | | 10-120 |
| Nitrobenzene-d5 | 75 | | 23-120 |
| 2-Fluorobiphenyl | 62 | | 15-120 |
| 2,4,6-Tribromophenol | 57 | | 10-120 |
| 4-Terphenyl-d14 | 51 | | 41-149 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 04/30/22 13:24
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 04/29/22 08:19

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|------|------|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1632451-1 | | | | | |
| 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 | 0.02 | J | 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: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 04/30/22 13:24
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 04/29/22 08:19

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|----|-----|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1632451-1 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|----------------------|-----------|-----------|---------------------|
| 2-Fluorophenol | 62 | | 21-120 |
| Phenol-d6 | 52 | | 10-120 |
| Nitrobenzene-d5 | 75 | | 23-120 |
| 2-Fluorobiphenyl | 71 | | 15-120 |
| 2,4,6-Tribromophenol | 84 | | 10-120 |
| 4-Terphenyl-d14 | 70 | | 41-149 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/02/22 14:19
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 05/01/22 09:22

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|-----|------|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-07 Batch: WG1632944-1 | | | | | |
| 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 | ND | | 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: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/02/22 14:19
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 05/01/22 09:22

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|-----|------|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-07 Batch: WG1632944-1 | | | | | |
| 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 |

Tentatively Identified Compounds

| | | | |
|---------------------|------|---|------|
| Total TIC Compounds | 5.88 | J | ug/l |
| Unknown | 1.85 | J | ug/l |
| Unknown | 2.36 | J | ug/l |
| Unknown | 1.67 | J | ug/l |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/02/22 14:19
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 05/01/22 09:22

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-07 Batch: WG1632944-1 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|----------------------|-----------|-----------|---------------------|
| 2-Fluorophenol | 64 | | 21-120 |
| Phenol-d6 | 45 | | 10-120 |
| Nitrobenzene-d5 | 78 | | 23-120 |
| 2-Fluorobiphenyl | 72 | | 15-120 |
| 2,4,6-Tribromophenol | 79 | | 10-120 |
| 4-Terphenyl-d14 | 88 | | 41-149 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 05/02/22 11:52
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/01/22 09:25

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|------|------|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03-07 Batch: WG1632945-1 | | | | | |
| 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: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 05/02/22 11:52
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/01/22 09:25

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|----|-----|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03-07 Batch: WG1632945-1 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|----------------------|-----------|-----------|---------------------|
| 2-Fluorophenol | 62 | | 21-120 |
| Phenol-d6 | 51 | | 10-120 |
| Nitrobenzene-d5 | 89 | | 23-120 |
| 2-Fluorobiphenyl | 79 | | 15-120 |
| 2,4,6-Tribromophenol | 109 | | 10-120 |
| 4-Terphenyl-d14 | 96 | | 41-149 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1632450-2 WG1632450-3 | | | | | | | | |
| Bis(2-chloroethyl)ether | 71 | | 62 | | 40-140 | 14 | | 30 |
| 3,3'-Dichlorobenzidine | 60 | | 51 | | 40-140 | 16 | | 30 |
| 2,4-Dinitrotoluene | 90 | | 74 | | 48-143 | 20 | | 30 |
| 2,6-Dinitrotoluene | 88 | | 70 | | 40-140 | 23 | | 30 |
| 4-Chlorophenyl phenyl ether | 66 | | 55 | | 40-140 | 18 | | 30 |
| 4-Bromophenyl phenyl ether | 68 | | 56 | | 40-140 | 19 | | 30 |
| Bis(2-chloroisopropyl)ether | 100 | | 89 | | 40-140 | 12 | | 30 |
| Bis(2-chloroethoxy)methane | 76 | | 66 | | 40-140 | 14 | | 30 |
| Hexachlorocyclopentadiene | 68 | | 57 | | 40-140 | 18 | | 30 |
| Isophorone | 70 | | 60 | | 40-140 | 15 | | 30 |
| Nitrobenzene | 77 | | 68 | | 40-140 | 12 | | 30 |
| NDPA/DPA | 70 | | 59 | | 40-140 | 17 | | 30 |
| n-Nitrosodi-n-propylamine | 71 | | 61 | | 29-132 | 15 | | 30 |
| Bis(2-ethylhexyl)phthalate | 82 | | 66 | | 40-140 | 22 | | 30 |
| Butyl benzyl phthalate | 83 | | 67 | | 40-140 | 21 | | 30 |
| Di-n-butylphthalate | 70 | | 57 | | 40-140 | 20 | | 30 |
| Di-n-octylphthalate | 80 | | 66 | | 40-140 | 19 | | 30 |
| Diethyl phthalate | 72 | | 61 | | 40-140 | 17 | | 30 |
| Dimethyl phthalate | 74 | | 60 | | 40-140 | 21 | | 30 |
| Biphenyl | 72 | | 58 | | 40-140 | 22 | | 30 |
| 4-Chloroaniline | 57 | | 49 | | 40-140 | 15 | | 30 |
| 2-Nitroaniline | 95 | | 80 | | 52-143 | 17 | | 30 |
| 3-Nitroaniline | 84 | | 70 | | 25-145 | 18 | | 30 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1632450-2 WG1632450-3 | | | | | | | | |
| 4-Nitroaniline | 89 | | 75 | | 51-143 | 17 | | 30 |
| Dibenzofuran | 67 | | 55 | | 40-140 | 20 | | 30 |
| 1,2,4,5-Tetrachlorobenzene | 61 | | 53 | | 2-134 | 14 | | 30 |
| Acetophenone | 67 | | 57 | | 39-129 | 16 | | 30 |
| 2,4,6-Trichlorophenol | 68 | | 56 | | 30-130 | 19 | | 30 |
| p-Chloro-m-cresol | 71 | | 59 | | 23-97 | 18 | | 30 |
| 2-Chlorophenol | 72 | | 63 | | 27-123 | 13 | | 30 |
| 2,4-Dichlorophenol | 76 | | 64 | | 30-130 | 17 | | 30 |
| 2,4-Dimethylphenol | 72 | | 59 | | 30-130 | 20 | | 30 |
| 2-Nitrophenol | 91 | | 79 | | 30-130 | 14 | | 30 |
| 4-Nitrophenol | 82 | Q | 67 | | 10-80 | 20 | | 30 |
| 2,4-Dinitrophenol | 52 | | 35 | | 20-130 | 39 | Q | 30 |
| 4,6-Dinitro-o-cresol | 89 | | 62 | | 20-164 | 36 | Q | 30 |
| Phenol | 57 | | 49 | | 12-110 | 15 | | 30 |
| 2-Methylphenol | 70 | | 59 | | 30-130 | 17 | | 30 |
| 3-Methylphenol/4-Methylphenol | 80 | | 65 | | 30-130 | 21 | | 30 |
| 2,4,5-Trichlorophenol | 66 | | 56 | | 30-130 | 16 | | 30 |
| Carbazole | 68 | | 56 | | 55-144 | 19 | | 30 |
| Atrazine | 66 | | 53 | | 40-140 | 22 | | 30 |
| Benzaldehyde | 66 | | 58 | | 40-140 | 13 | | 30 |
| Caprolactam | 47 | | 40 | | 10-130 | 16 | | 30 |
| 2,3,4,6-Tetrachlorophenol | 61 | | 45 | | 40-140 | 30 | | 30 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1632450-2 WG1632450-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|----------------------|------------------|------|-------------------|------|------------------------|
| 2-Fluorophenol | 64 | | 56 | | 21-120 |
| Phenol-d6 | 55 | | 47 | | 10-120 |
| Nitrobenzene-d5 | 79 | | 69 | | 23-120 |
| 2-Fluorobiphenyl | 68 | | 57 | | 15-120 |
| 2,4,6-Tribromophenol | 70 | | 58 | | 10-120 |
| 4-Terphenyl-d14 | 64 | | 51 | | 41-149 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1632451-2 WG1632451-3 | | | | | | | | |
| Acenaphthene | 70 | | 72 | | 40-140 | 3 | | 40 |
| 2-Chloronaphthalene | 70 | | 72 | | 40-140 | 3 | | 40 |
| Fluoranthene | 68 | | 68 | | 40-140 | 0 | | 40 |
| Hexachlorobutadiene | 68 | | 72 | | 40-140 | 6 | | 40 |
| Naphthalene | 69 | | 71 | | 40-140 | 3 | | 40 |
| Benzo(a)anthracene | 67 | | 68 | | 40-140 | 1 | | 40 |
| Benzo(a)pyrene | 61 | | 62 | | 40-140 | 2 | | 40 |
| Benzo(b)fluoranthene | 68 | | 73 | | 40-140 | 7 | | 40 |
| Benzo(k)fluoranthene | 74 | | 70 | | 40-140 | 6 | | 40 |
| Chrysene | 69 | | 68 | | 40-140 | 1 | | 40 |
| Acenaphthylene | 65 | | 66 | | 40-140 | 2 | | 40 |
| Anthracene | 67 | | 68 | | 40-140 | 1 | | 40 |
| Benzo(ghi)perylene | 70 | | 68 | | 40-140 | 3 | | 40 |
| Fluorene | 71 | | 72 | | 40-140 | 1 | | 40 |
| Phenanthrene | 69 | | 70 | | 40-140 | 1 | | 40 |
| Dibenzo(a,h)anthracene | 72 | | 72 | | 40-140 | 0 | | 40 |
| Indeno(1,2,3-cd)pyrene | 72 | | 72 | | 40-140 | 0 | | 40 |
| Pyrene | 69 | | 68 | | 40-140 | 1 | | 40 |
| 2-Methylnaphthalene | 69 | | 72 | | 40-140 | 4 | | 40 |
| Pentachlorophenol | 57 | | 38 | Q | 40-140 | 40 | | 40 |
| Hexachlorobenzene | 76 | | 78 | | 40-140 | 3 | | 40 |
| Hexachloroethane | 75 | | 82 | | 40-140 | 9 | | 40 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | <i>LCS</i> %Recovery | <i>Qual</i> | <i>LCSD</i> %Recovery | <i>Qual</i> | <i>%Recovery</i> Limits | <i>RPD</i> | <i>Qual</i> | <i>RPD</i> Limits |
|-----------|-------------------------|-------------|--------------------------|-------------|----------------------------|------------|-------------|----------------------|
|-----------|-------------------------|-------------|--------------------------|-------------|----------------------------|------------|-------------|----------------------|

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1632451-2 WG1632451-3

| <i>Surrogate</i> | <i>LCS</i> %Recovery | <i>Qual</i> | <i>LCSD</i> %Recovery | <i>Qual</i> | <i>Acceptance</i> Criteria |
|----------------------|-------------------------|-------------|--------------------------|-------------|-------------------------------|
| 2-Fluorophenol | 60 | | 65 | | 21-120 |
| Phenol-d6 | 53 | | 55 | | 10-120 |
| Nitrobenzene-d5 | 70 | | 73 | | 23-120 |
| 2-Fluorobiphenyl | 65 | | 67 | | 15-120 |
| 2,4,6-Tribromophenol | 83 | | 84 | | 10-120 |
| 4-Terphenyl-d14 | 65 | | 64 | | 41-149 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-07 Batch: WG1632944-2 WG1632944-3 | | | | | | | | |
| Bis(2-chloroethyl)ether | 65 | | 76 | | 40-140 | 16 | | 30 |
| 3,3'-Dichlorobenzidine | 61 | | 44 | | 40-140 | 32 | Q | 30 |
| 2,4-Dinitrotoluene | 68 | | 84 | | 48-143 | 21 | | 30 |
| 2,6-Dinitrotoluene | 63 | | 79 | | 40-140 | 23 | | 30 |
| 4-Chlorophenyl phenyl ether | 66 | | 80 | | 40-140 | 19 | | 30 |
| 4-Bromophenyl phenyl ether | 64 | | 79 | | 40-140 | 21 | | 30 |
| Bis(2-chloroisopropyl)ether | 67 | | 72 | | 40-140 | 7 | | 30 |
| Bis(2-chloroethoxy)methane | 67 | | 74 | | 40-140 | 10 | | 30 |
| Hexachlorocyclopentadiene | 44 | | 56 | | 40-140 | 24 | | 30 |
| Isophorone | 61 | | 69 | | 40-140 | 12 | | 30 |
| Nitrobenzene | 65 | | 76 | | 40-140 | 16 | | 30 |
| NDPA/DPA | 69 | | 66 | | 40-140 | 4 | | 30 |
| n-Nitrosodi-n-propylamine | 65 | | 76 | | 29-132 | 16 | | 30 |
| Bis(2-ethylhexyl)phthalate | 72 | | 92 | | 40-140 | 24 | | 30 |
| Butyl benzyl phthalate | 65 | | 85 | | 40-140 | 27 | | 30 |
| Di-n-butylphthalate | 67 | | 83 | | 40-140 | 21 | | 30 |
| Di-n-octylphthalate | 67 | | 93 | | 40-140 | 33 | Q | 30 |
| Diethyl phthalate | 68 | | 82 | | 40-140 | 19 | | 30 |
| Dimethyl phthalate | 64 | | 76 | | 40-140 | 17 | | 30 |
| Biphenyl | 64 | | 76 | | 40-140 | 17 | | 30 |
| 4-Chloroaniline | 56 | | 59 | | 40-140 | 5 | | 30 |
| 2-Nitroaniline | 66 | | 81 | | 52-143 | 20 | | 30 |
| 3-Nitroaniline | 66 | | 79 | | 25-145 | 18 | | 30 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-07 Batch: WG1632944-2 WG1632944-3 | | | | | | | | |
| 4-Nitroaniline | 67 | | 85 | | 51-143 | 24 | | 30 |
| Dibenzofuran | 70 | | 84 | | 40-140 | 18 | | 30 |
| 1,2,4,5-Tetrachlorobenzene | 56 | | 67 | | 2-134 | 18 | | 30 |
| Acetophenone | 65 | | 77 | | 39-129 | 17 | | 30 |
| 2,4,6-Trichlorophenol | 64 | | 76 | | 30-130 | 17 | | 30 |
| p-Chloro-m-cresol | 67 | | 82 | | 23-97 | 20 | | 30 |
| 2-Chlorophenol | 65 | | 71 | | 27-123 | 9 | | 30 |
| 2,4-Dichlorophenol | 66 | | 74 | | 30-130 | 11 | | 30 |
| 2,4-Dimethylphenol | 64 | | 58 | | 30-130 | 10 | | 30 |
| 2-Nitrophenol | 67 | | 78 | | 30-130 | 15 | | 30 |
| 4-Nitrophenol | 60 | | 84 | Q | 10-80 | 33 | Q | 30 |
| 2,4-Dinitrophenol | 69 | | 79 | | 20-130 | 14 | | 30 |
| 4,6-Dinitro-o-cresol | 71 | | 93 | | 20-164 | 27 | | 30 |
| Phenol | 48 | | 47 | | 12-110 | 2 | | 30 |
| 2-Methylphenol | 64 | | 62 | | 30-130 | 3 | | 30 |
| 3-Methylphenol/4-Methylphenol | 62 | | 65 | | 30-130 | 5 | | 30 |
| 2,4,5-Trichlorophenol | 64 | | 79 | | 30-130 | 21 | | 30 |
| Carbazole | 73 | | 91 | | 55-144 | 22 | | 30 |
| Atrazine | 57 | | 78 | | 40-140 | 31 | Q | 30 |
| Benzaldehyde | 67 | | 75 | | 40-140 | 11 | | 30 |
| Caprolactam | 33 | | 43 | | 10-130 | 26 | | 30 |
| 2,3,4,6-Tetrachlorophenol | 62 | | 82 | | 40-140 | 28 | | 30 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|-----------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
|-----------|------------------|------|-------------------|------|---------------------|-----|------|---------------|

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-07 Batch: WG1632944-2 WG1632944-3

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|----------------------|------------------|------|-------------------|------|------------------------|
| 2-Fluorophenol | 61 | | 58 | | 21-120 |
| Phenol-d6 | 47 | | 45 | | 10-120 |
| Nitrobenzene-d5 | 66 | | 74 | | 23-120 |
| 2-Fluorobiphenyl | 62 | | 71 | | 15-120 |
| 2,4,6-Tribromophenol | 67 | | 83 | | 10-120 |
| 4-Terphenyl-d14 | 69 | | 84 | | 41-149 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03-07 Batch: WG1632945-2 WG1632945-3 | | | | | | | | |
| Acenaphthene | 100 | | 77 | | 40-140 | 26 | | 40 |
| 2-Chloronaphthalene | 94 | | 77 | | 40-140 | 20 | | 40 |
| Fluoranthene | 104 | | 80 | | 40-140 | 26 | | 40 |
| Hexachlorobutadiene | 79 | | 67 | | 40-140 | 16 | | 40 |
| Naphthalene | 124 | | 88 | | 40-140 | 34 | | 40 |
| Benzo(a)anthracene | 104 | | 79 | | 40-140 | 27 | | 40 |
| Benzo(a)pyrene | 97 | | 74 | | 40-140 | 27 | | 40 |
| Benzo(b)fluoranthene | 116 | | 92 | | 40-140 | 23 | | 40 |
| Benzo(k)fluoranthene | 114 | | 85 | | 40-140 | 29 | | 40 |
| Chrysene | 106 | | 83 | | 40-140 | 24 | | 40 |
| Acenaphthylene | 91 | | 71 | | 40-140 | 25 | | 40 |
| Anthracene | 103 | | 80 | | 40-140 | 25 | | 40 |
| Benzo(ghi)perylene | 97 | | 75 | | 40-140 | 26 | | 40 |
| Fluorene | 104 | | 81 | | 40-140 | 25 | | 40 |
| Phenanthrene | 105 | | 81 | | 40-140 | 26 | | 40 |
| Dibenzo(a,h)anthracene | 106 | | 81 | | 40-140 | 27 | | 40 |
| Indeno(1,2,3-cd)pyrene | 105 | | 80 | | 40-140 | 27 | | 40 |
| Pyrene | 104 | | 80 | | 40-140 | 26 | | 40 |
| 2-Methylnaphthalene | 103 | | 79 | | 40-140 | 26 | | 40 |
| Pentachlorophenol | 80 | | 63 | | 40-140 | 24 | | 40 |
| Hexachlorobenzene | 106 | | 85 | | 40-140 | 22 | | 40 |
| Hexachloroethane | 83 | | 74 | | 40-140 | 11 | | 40 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|-----------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
|-----------|------------------|------|-------------------|------|---------------------|-----|------|---------------|

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03-07 Batch: WG1632945-2 WG1632945-3

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|----------------------|------------------|------|-------------------|------|------------------------|
| 2-Fluorophenol | 75 | | 58 | | 21-120 |
| Phenol-d6 | 62 | | 48 | | 10-120 |
| Nitrobenzene-d5 | 94 | | 75 | | 23-120 |
| 2-Fluorobiphenyl | 84 | | 69 | | 15-120 |
| 2,4,6-Tribromophenol | 121 | Q | 95 | | 10-120 |
| 4-Terphenyl-d14 | 97 | | 79 | | 41-149 |

Matrix Spike Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| 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): 03-07 QC Batch ID: WG1632945-4 WG1632945-5 QC Sample: L2221773-05 Client ID: MWIRM-2 | | | | | | | | | | | | |
| Acenaphthene | ND | 18.2 | 15 | 83 | | 14 | 77 | | 40-140 | 7 | | 40 |
| 2-Chloronaphthalene | ND | 18.2 | 15 | 83 | | 14 | 77 | | 40-140 | 7 | | 40 |
| Fluoranthene | ND | 18.2 | 15 | 83 | | 14 | 77 | | 40-140 | 7 | | 40 |
| Hexachlorobutadiene | ND | 18.2 | 14 | 77 | | 13 | 72 | | 40-140 | 7 | | 40 |
| Naphthalene | ND | 18.2 | 14 | 77 | | 13 | 72 | | 40-140 | 7 | | 40 |
| Benzo(a)anthracene | ND | 18.2 | 15 | 83 | | 15 | 83 | | 40-140 | 0 | | 40 |
| Benzo(a)pyrene | ND | 18.2 | 15 | 83 | | 14 | 77 | | 40-140 | 7 | | 40 |
| Benzo(b)fluoranthene | ND | 18.2 | 18 | 99 | | 17 | 94 | | 40-140 | 6 | | 40 |
| Benzo(k)fluoranthene | ND | 18.2 | 17 | 94 | | 15 | 83 | | 40-140 | 13 | | 40 |
| Chrysene | ND | 18.2 | 16 | 88 | | 15 | 83 | | 40-140 | 6 | | 40 |
| Acenaphthylene | ND | 18.2 | 14 | 77 | | 13 | 72 | | 40-140 | 7 | | 40 |
| Anthracene | 0.03J | 18.2 | 15 | 83 | | 15 | 83 | | 40-140 | 0 | | 40 |
| Benzo(ghi)perylene | ND | 18.2 | 14 | 77 | | 14 | 77 | | 40-140 | 0 | | 40 |
| Fluorene | 0.01J | 18.2 | 15 | 83 | | 14 | 77 | | 40-140 | 7 | | 40 |
| Phenanthrene | 0.02J | 18.2 | 15 | 83 | | 14 | 77 | | 40-140 | 7 | | 40 |
| Dibenzo(a,h)anthracene | ND | 18.2 | 16 | 88 | | 15 | 83 | | 40-140 | 6 | | 40 |
| Indeno(1,2,3-cd)pyrene | ND | 18.2 | 16 | 88 | | 15 | 83 | | 40-140 | 6 | | 40 |
| Pyrene | ND | 18.2 | 15 | 83 | | 14 | 77 | | 40-140 | 7 | | 40 |
| 2-Methylnaphthalene | ND | 18.2 | 15 | 83 | | 14 | 77 | | 40-140 | 7 | | 40 |
| Pentachlorophenol | ND | 18.2 | 18 | 99 | | 17 | 94 | | 40-140 | 6 | | 40 |
| Hexachlorobenzene | ND | 18.2 | 17 | 94 | | 16 | 88 | | 40-140 | 6 | | 40 |
| Hexachloroethane | ND | 18.2 | 14 | 77 | | 14 | 77 | | 40-140 | 0 | | 40 |

Matrix Spike Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|------------------|--------------------------|---------------------|---------------------|-------------------------|-------------|----------------------|--------------------------|-------------|----------------------------|------------|-------------|-----------------------|
|------------------|--------------------------|---------------------|---------------------|-------------------------|-------------|----------------------|--------------------------|-------------|----------------------------|------------|-------------|-----------------------|

Semivolatiles Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03-07 QC Batch ID: WG1632945-4 WG1632945-5 QC Sample: L2221773-05
Client ID: MWIRM-2

| Surrogate | MS | | MSD | | Acceptance Criteria |
|----------------------|-------------------|------------------|-------------------|------------------|--------------------------------|
| | % Recovery | Qualifier | % Recovery | Qualifier | |
| 2,4,6-Tribromophenol | 110 | | 103 | | 10-120 |
| 2-Fluorobiphenyl | 79 | | 77 | | 15-120 |
| 2-Fluorophenol | 74 | | 72 | | 21-120 |
| 4-Terphenyl-d14 | 82 | | 76 | | 41-149 |
| Nitrobenzene-d5 | 84 | | 82 | | 23-120 |
| Phenol-d6 | 68 | | 66 | | 10-120 |

METALS

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-01
 Client ID: MW-2
 Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 10:40
 Date Received: 04/26/22
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|---------|---------|--------------------|------------------|------------------|----------------|----------------------|---------|
| Total Metals - Mansfield Lab | | | | | | | | | | | |
| Iron, Total | 0.213 | | mg/l | 0.0500 | 0.0191 | 1 | 05/10/22 19:16 | 05/11/22 10:22 | EPA 3005A | 1,6020B | SV |
| Manganese, Total | 0.1108 | | mg/l | 0.00100 | 0.00044 | 1 | 05/10/22 19:16 | 05/11/22 10:22 | EPA 3005A | 1,6020B | SV |



Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-02

Date Collected: 04/25/22 11:40

Client ID: MW-8

Date Received: 04/26/22

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|---------|---------|--------------------|------------------|------------------|----------------|----------------------|---------|
| Total Metals - Mansfield Lab | | | | | | | | | | | |
| Iron, Total | 35.3 | | mg/l | 0.0500 | 0.0191 | 1 | 05/10/22 19:16 | 05/11/22 10:26 | EPA 3005A | 1,6020B | SV |
| Manganese, Total | 4.181 | | mg/l | 0.00100 | 0.00044 | 1 | 05/10/22 19:16 | 05/11/22 10:26 | EPA 3005A | 1,6020B | SV |



Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-03

Date Collected: 04/26/22 09:30

Client ID: MW-3

Date Received: 04/26/22

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|-------------------------------------|---------|-----------|-------|---------|---------|--------------------|------------------|------------------|----------------|----------------------|---------|
| Total Metals - Mansfield Lab | | | | | | | | | | | |
| Iron, Total | 0.253 | | mg/l | 0.0500 | 0.0191 | 1 | 05/10/22 19:16 | 05/11/22 10:31 | EPA 3005A | 1,6020B | SV |
| Manganese, Total | 0.00944 | | mg/l | 0.00100 | 0.00044 | 1 | 05/10/22 19:16 | 05/11/22 10:31 | EPA 3005A | 1,6020B | SV |



Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-04

Date Collected: 04/26/22 10:45

Client ID: MW-5

Date Received: 04/26/22

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|---------|---------|--------------------|------------------|------------------|----------------|----------------------|---------|
| Total Metals - Mansfield Lab | | | | | | | | | | | |
| Iron, Total | 8.24 | | mg/l | 0.0500 | 0.0191 | 1 | 05/10/22 19:16 | 05/11/22 10:36 | EPA 3005A | 1,6020B | SV |
| Manganese, Total | 0.7517 | | mg/l | 0.00100 | 0.00044 | 1 | 05/10/22 19:16 | 05/11/22 10:36 | EPA 3005A | 1,6020B | SV |



Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-05

Date Collected: 04/26/22 11:40

Client ID: MWIRM-2

Date Received: 04/26/22

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|-------------------------------------|---------|-----------|-------|---------|---------|--------------------|------------------|------------------|----------------|----------------------|---------|
| Total Metals - Mansfield Lab | | | | | | | | | | | |
| Iron, Total | 0.407 | | mg/l | 0.0500 | 0.0191 | 1 | 05/11/22 19:06 | 05/12/22 09:58 | EPA 3005A | 1,6020B | SV |
| Manganese, Total | 0.06494 | | mg/l | 0.00100 | 0.00044 | 1 | 05/11/22 19:06 | 05/12/22 09:58 | EPA 3005A | 1,6020B | SV |



Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-06

Date Collected: 04/26/22 14:40

Client ID: MW-14

Date Received: 04/26/22

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|---------|---------|--------------------|------------------|------------------|----------------|----------------------|---------|
| Total Metals - Mansfield Lab | | | | | | | | | | | |
| Iron, Total | 3.23 | | mg/l | 0.0500 | 0.0191 | 1 | 05/11/22 19:06 | 05/12/22 10:45 | EPA 3005A | 1,6020B | SV |
| Manganese, Total | 0.4274 | | mg/l | 0.00100 | 0.00044 | 1 | 05/11/22 19:06 | 05/12/22 10:45 | EPA 3005A | 1,6020B | SV |



Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**SAMPLE RESULTS**

Lab ID: L2221773-07

Date Collected: 04/26/22 09:30

Client ID: QA/QC

Date Received: 04/26/22

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|-------------------------------------|---------|-----------|-------|---------|---------|--------------------|------------------|------------------|----------------|----------------------|---------|
| Total Metals - Mansfield Lab | | | | | | | | | | | |
| Iron, Total | 0.404 | | mg/l | 0.0500 | 0.0191 | 1 | 05/11/22 19:06 | 05/12/22 10:49 | EPA 3005A | 1,6020B | SV |
| Manganese, Total | 0.06462 | | mg/l | 0.00100 | 0.00044 | 1 | 05/11/22 19:06 | 05/12/22 10:49 | EPA 3005A | 1,6020B | SV |



Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Method Blank Analysis Batch Quality Control

| Parameter | Result Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|--|------------------|-------|---------|---------|-----------------|----------------|----------------|-------------------|---------|
| Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1636764-1 | | | | | | | | | |
| Iron, Total | ND | mg/l | 0.0500 | 0.0191 | 1 | 05/10/22 19:16 | 05/11/22 08:19 | 1,6020B | SV |
| Manganese, Total | ND | mg/l | 0.00100 | 0.00044 | 1 | 05/10/22 19:16 | 05/11/22 08:19 | 1,6020B | SV |

Prep Information

Digestion Method: EPA 3005A

| Parameter | Result Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|--|------------------|-------|---------|---------|-----------------|----------------|----------------|-------------------|---------|
| Total Metals - Mansfield Lab for sample(s): 05-07 Batch: WG1637158-1 | | | | | | | | | |
| Iron, Total | ND | mg/l | 0.0500 | 0.0191 | 1 | 05/11/22 19:06 | 05/12/22 09:24 | 1,6020B | SV |
| Manganese, Total | ND | mg/l | 0.00100 | 0.00044 | 1 | 05/11/22 19:06 | 05/12/22 09:24 | 1,6020B | SV |

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1636764-2 | | | | | | | | |
| Iron, Total | 108 | | - | | 80-120 | - | | |
| Manganese, Total | 101 | | - | | 80-120 | - | | |
| Total Metals - Mansfield Lab Associated sample(s): 05-07 Batch: WG1637158-2 | | | | | | | | |
| Iron, Total | 110 | | - | | 80-120 | - | | |
| Manganese, Total | 105 | | - | | 80-120 | - | | |

Matrix Spike Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1636764-3 QC Sample: L2221886-01 Client ID: MS Sample | | | | | | | | | | | | |
| Iron, Total | 0.399 | 1 | 1.48 | 108 | | - | - | | 75-125 | - | | 20 |
| Manganese, Total | 0.0542 | 0.5 | 0.5658 | 102 | | - | - | | 75-125 | - | | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 05-07 QC Batch ID: WG1637158-3 WG1637158-4 QC Sample: L2221773-05 Client ID: MWIRM-2 | | | | | | | | | | | | |
| Iron, Total | 0.407 | 1 | 1.44 | 103 | | 1.48 | 107 | | 75-125 | 3 | | 20 |
| Manganese, Total | 0.06494 | 0.5 | 0.5677 | 100 | | 0.5807 | 103 | | 75-125 | 2 | | 20 |

Project Name: 100 FERNWOOD

Project Number: 2221810

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | Native Sample | Serial Dilution | Units | % D | Qual | RPD Limits |
|---|---------------|-----------------|-------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 05-07 QC Batch ID: WG1637158-6 QC Sample: L2221773-05 Client ID: MWIRM-2 | | | | | | |
| Manganese, Total | 0.06494 | 0.06741 | mg/l | 4 | | 20 |

INORGANICS & MISCELLANEOUS

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-01
Client ID: MW-2
Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 10:40
Date Received: 04/26/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|--------|-----------|-------|-------|-------|-----------------|---------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab | | | | | | | | | | |
| Nitrogen, Nitrate | 0.027 | J | mg/l | 0.10 | 0.023 | 1 | - | 04/27/22 06:58 | 44,353.2 | MR |
| Anions by Ion Chromatography - Westborough Lab | | | | | | | | | | |
| Chloride | 3.99 | | mg/l | 0.500 | 0.083 | 1 | - | 05/05/22 21:25 | 44,300.0 | AT |
| Sulfate | 56.6 | | mg/l | 1.00 | 0.454 | 1 | - | 05/05/22 21:25 | 44,300.0 | AT |



Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-02
Client ID: MW-8
Sample Location: ROCHESTER, NY

Date Collected: 04/25/22 11:40
Date Received: 04/26/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|--------|-----------|-------|-------|-------|-----------------|---------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab | | | | | | | | | | |
| Nitrogen, Nitrate | 0.069 | J | mg/l | 0.10 | 0.023 | 1 | - | 04/27/22 06:59 | 44,353.2 | MR |
| Anions by Ion Chromatography - Westborough Lab | | | | | | | | | | |
| Chloride | 8.20 | | mg/l | 0.500 | 0.083 | 1 | - | 05/05/22 21:36 | 44,300.0 | AT |
| Sulfate | 33.7 | | mg/l | 1.00 | 0.454 | 1 | - | 05/05/22 21:36 | 44,300.0 | AT |



Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-03
Client ID: MW-3
Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 09:30
Date Received: 04/26/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|--------|-----------|-------|-------|-------|-----------------|---------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab | | | | | | | | | | |
| Nitrogen, Nitrate | 2.6 | | mg/l | 0.10 | 0.023 | 1 | - | 04/27/22 07:33 | 44,353.2 | MR |
| Anions by Ion Chromatography - Westborough Lab | | | | | | | | | | |
| Chloride | 2.16 | | mg/l | 0.500 | 0.083 | 1 | - | 05/05/22 21:46 | 44,300.0 | AT |
| Sulfate | 54.4 | | mg/l | 1.00 | 0.454 | 1 | - | 05/05/22 21:46 | 44,300.0 | AT |



Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-04
Client ID: MW-5
Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 10:45
Date Received: 04/26/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|--------|-----------|-------|-------|-------|-----------------|---------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab | | | | | | | | | | |
| Nitrogen, Nitrate | 0.078 | J | mg/l | 0.10 | 0.023 | 1 | - | 04/27/22 07:34 | 44,353.2 | MR |
| Anions by Ion Chromatography - Westborough Lab | | | | | | | | | | |
| Chloride | 1.81 | | mg/l | 0.500 | 0.083 | 1 | - | 05/05/22 21:57 | 44,300.0 | AT |
| Sulfate | 32.4 | | mg/l | 1.00 | 0.454 | 1 | - | 05/05/22 21:57 | 44,300.0 | AT |



Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-05
Client ID: MWIRM-2
Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 11:40
Date Received: 04/26/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|--------|-----------|-------|-------|-------|-----------------|---------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab | | | | | | | | | | |
| Nitrogen, Nitrate | 0.61 | | mg/l | 0.10 | 0.023 | 1 | - | 04/27/22 07:36 | 44,353.2 | MR |
| Anions by Ion Chromatography - Westborough Lab | | | | | | | | | | |
| Chloride | 19.2 | | mg/l | 0.500 | 0.083 | 1 | - | 05/05/22 22:08 | 44,300.0 | AT |
| Sulfate | 102. | | mg/l | 10.0 | 4.54 | 10 | - | 05/06/22 00:52 | 44,300.0 | AT |



Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-06
Client ID: MW-14
Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 14:40
Date Received: 04/26/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|--------|-----------|-------|-------|-------|-----------------|---------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab | | | | | | | | | | |
| Nitrogen, Nitrate | 0.038 | J | mg/l | 0.10 | 0.023 | 1 | - | 04/27/22 07:39 | 44,353.2 | MR |
| Anions by Ion Chromatography - Westborough Lab | | | | | | | | | | |
| Chloride | 4.07 | | mg/l | 0.500 | 0.083 | 1 | - | 05/05/22 22:19 | 44,300.0 | AT |
| Sulfate | 79.0 | | mg/l | 1.00 | 0.454 | 1 | - | 05/05/22 22:19 | 44,300.0 | AT |



Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

SAMPLE RESULTS

Lab ID: L2221773-07

Client ID: QA/QC

Sample Location: ROCHESTER, NY

Date Collected: 04/26/22 09:30

Date Received: 04/26/22

Field Prep: Not Specified

Sample Depth:

Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|--------|-----------|-------|-------|-------|-----------------|---------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab | | | | | | | | | | |
| Nitrogen, Nitrate | 0.60 | | mg/l | 0.10 | 0.023 | 1 | - | 04/27/22 07:41 | 44,353.2 | MR |
| Anions by Ion Chromatography - Westborough Lab | | | | | | | | | | |
| Chloride | 19.9 | | mg/l | 0.500 | 0.083 | 1 | - | 05/05/22 22:30 | 44,300.0 | AT |
| Sulfate | 106. | | mg/l | 10.0 | 4.54 | 10 | - | 05/06/22 01:25 | 44,300.0 | AT |



Project Name: 100 FERNWOOD

Lab Number: L2221773

Project Number: 2221810

Report Date: 05/13/22

Method Blank Analysis
Batch Quality Control

| Parameter | Result Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|--|------------------|-------|-------|-------|-----------------|---------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG1631398-1 | | | | | | | | | |
| Nitrogen, Nitrate | ND | mg/l | 0.10 | 0.023 | 1 | - | 04/27/22 07:16 | 44,353.2 | MR |
| Anions by Ion Chromatography - Westborough Lab for sample(s): 01-07 Batch: WG1635158-1 | | | | | | | | | |
| Chloride | ND | mg/l | 0.500 | 0.083 | 1 | - | 05/05/22 17:24 | 44,300.0 | AT |
| Sulfate | ND | mg/l | 1.00 | 0.454 | 1 | - | 05/05/22 17:24 | 44,300.0 | AT |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|------------|
| General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1631398-2 | | | | | | | | |
| Nitrogen, Nitrate | 100 | | - | | 90-110 | - | | |
| Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-07 Batch: WG1635158-2 | | | | | | | | |
| Chloride | 97 | | - | | 90-110 | - | | |
| Sulfate | 97 | | - | | 90-110 | - | | |

Matrix Spike Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | MSD Qual | MSD Found | MSD %Recovery | MSD Qual | Recovery Limits | RPD | RPD Qual | RPD Limits |
|---|---------------|----------|----------|--------------|----------|-----------|---------------|----------|-----------------|-----|----------|------------|
| General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1631398-4 QC Sample: L2221773-05 Client ID: MWIRM-2 | | | | | | | | | | | | |
| Nitrogen, Nitrate | 0.61 | 4 | 4.6 | 100 | - | - | - | - | 83-113 | - | - | 6 |
| Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1635158-3 WG1635158-4 QC Sample: L2221773-05 Client ID: MWIRM-2 | | | | | | | | | | | | |
| Chloride | 19.2 | 20 | 38.5 | 96 | 38.2 | 95 | 90-110 | 1 | 18 | | | |
| Sulfate | 102. | 40 | 143 | 102 | 142 | 101 | 90-110 | 1 | 20 | | | |

Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221773

Report Date: 05/13/22

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|--|---------------|------------------|-------|-----|------|------------|
| General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1631398-3 QC Sample: L2221773-05 Client ID: MWIRM-2 | | | | | | |
| Nitrogen, Nitrate | 0.61 | 0.58 | mg/l | 5 | | 6 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Serial_No:05132209:47
Lab Number: L2221773
Report Date: 05/13/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|--------------|------------------------------|--------|------------|----------|------------|------|--------|------------------|---|
| L2221773-01A | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-01B | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-01C | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-01D | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |
| L2221773-01E | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |
| L2221773-01F | Plastic 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | SO4-300(28),CL-300(28),NO3-353(2) |
| L2221773-01G | Plastic 250ml HNO3 preserved | A | <2 | <2 | 4.2 | Y | Absent | | FE-6020T(180),MN-6020T(180) |
| L2221773-01H | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-01I | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-02A | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-02B | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-02C | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-02D | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |
| L2221773-02E | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |
| L2221773-02F | Plastic 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | SO4-300(28),CL-300(28),NO3-353(2) |
| L2221773-02G | Plastic 250ml HNO3 preserved | A | <2 | <2 | 4.2 | Y | Absent | | FE-6020T(180),MN-6020T(180) |
| L2221773-02H | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-02I | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-03A | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-03B | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-03C | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-03D | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |
| L2221773-03E | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |

*Values in parentheses indicate holding time in days



Project Name: 100 FERNWOOD**Lab Number:** L2221773**Project Number:** 2221810**Report Date:** 05/13/22**Container Information**

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---------------------|------------------------------|---------------|-------------------|-----------------|-------------------|-------------|-------------|-------------------------|---|
| L2221773-03F | Plastic 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | SO4-300(28),CL-300(28),NO3-353(2) |
| L2221773-03G | Plastic 250ml HNO3 preserved | A | <2 | <2 | 4.2 | Y | Absent | | FE-6020T(180),MN-6020T(180) |
| L2221773-03H | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-03I | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-04A | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-04B | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-04C | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-04D | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |
| L2221773-04E | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |
| L2221773-04F | Plastic 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | SO4-300(28),CL-300(28),NO3-353(2) |
| L2221773-04G | Plastic 250ml HNO3 preserved | A | <2 | <2 | 4.2 | Y | Absent | | FE-6020T(180),MN-6020T(180) |
| L2221773-04H | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-04I | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-05A | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-05A1 | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-05A2 | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-05B | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-05B1 | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-05B2 | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-05C | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-05C1 | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-05C2 | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-05D | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |
| L2221773-05D1 | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |
| L2221773-05D2 | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |
| L2221773-05E | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |
| L2221773-05E1 | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |
| L2221773-05E2 | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |

Project Name: 100 FERNWOOD
Project Number: 2221810

Serial_No:05132209:47
Lab Number: L2221773
Report Date: 05/13/22

Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---------------------|------------------------------|---------------|-------------------|-----------------|-------------------|-------------|-------------|-------------------------|---|
| L2221773-05F | Plastic 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | SO4-300(28),CL-300(28),NO3-353(2) |
| L2221773-05F1 | Plastic 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | SO4-300(28),CL-300(28),NO3-353(2) |
| L2221773-05F2 | Plastic 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | SO4-300(28),CL-300(28),NO3-353(2) |
| L2221773-05G | Plastic 250ml HNO3 preserved | A | <2 | <2 | 4.2 | Y | Absent | | FE-6020T(180),MN-6020T(180) |
| L2221773-05G1 | Plastic 250ml HNO3 preserved | A | <2 | <2 | 4.2 | Y | Absent | | FE-6020T(180),MN-6020T(180) |
| L2221773-05G2 | Plastic 250ml HNO3 preserved | A | <2 | <2 | 4.2 | Y | Absent | | FE-6020T(180),MN-6020T(180) |
| L2221773-05H | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-05H1 | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-05H2 | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-05I | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-05I1 | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-05I2 | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-06A | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-06B | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-06C | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-06D | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |
| L2221773-06E | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |
| L2221773-06F | Plastic 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | SO4-300(28),CL-300(28),NO3-353(2) |
| L2221773-06G | Plastic 250ml HNO3 preserved | A | <2 | <2 | 4.2 | Y | Absent | | FE-6020T(180),MN-6020T(180) |
| L2221773-06H | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-06I | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-07A | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-07B | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-07C | Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221773-07D | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |
| L2221773-07E | 20ml Vial HCl preserved | A | NA | | 4.2 | Y | Absent | | DISSGAS(14) |
| L2221773-07F | Plastic 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | SO4-300(28),CL-300(28),NO3-353(2) |
| L2221773-07G | Plastic 250ml HNO3 preserved | A | <2 | <2 | 4.2 | Y | Absent | | FE-6020T(180),MN-6020T(180) |

Project Name: 100 FERNWOOD
Project Number: 2221810

Serial_No:05132209:47
Lab Number: L2221773
Report Date: 05/13/22

Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---------------------|-------------------------|---------------|-------------------|-----------------|-------------------|-------------|-------------|-------------------------|---|
| L2221773-07H | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221773-07I | Amber 250ml unpreserved | A | 7 | 7 | 4.2 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

GLOSSARY

Acronyms

| | |
|----------|--|
| DL | - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) |
| EDL | - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME). |
| EMPC | - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration. |
| EPA | - Environmental Protection Agency. |
| LCS | - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes. |
| LCSD | - Laboratory Control Sample Duplicate: Refer to LCS. |
| LFB | - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes. |
| LOD | - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) |
| LOQ | - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) |
| MDL | - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. |
| MS | - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values. |
| MSD | - Matrix Spike Sample Duplicate: Refer to MS. |
| NA | - Not Applicable. |
| NC | - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit. |
| NDPA/DPA | - N-Nitrosodiphenylamine/Diphenylamine. |
| NI | - Not Ignitable. |
| NP | - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil. |
| NR | - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests. |
| RL | - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable. |
| RPD | - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report. |
| SRM | - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples. |
| STLP | - Semi-dynamic Tank Leaching Procedure per EPA Method 1315. |
| TEF | - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD. |
| TEQ | - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values. |
| TIC | - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations. |

Report Format: DU Report with 'J' Qualifiers



Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Footnotes

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

Terms

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

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

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.
- 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.

Report Format: DU Report with 'J' Qualifiers



Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

Data Qualifiers

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221773
Report Date: 05/13/22

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.
- 117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.

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 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; 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.

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, SM4500CI-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, **LCHAT 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, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

| | | | | | | | |
|--|--|---|---|---|---|--|--|
|  NEW YORK CHAIN OF CUSTODY 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 | 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 | Date Rec'd in Lab 4/27/22 | ALPHA Job # 2221773 | | |
| | | | of | | | | |
| Project Information Project Name: 100 Fernwood Project Location: Rochester, NY Project # 2221810 (Use Project name as Project #) <input type="checkbox"/> | | | Deliverables <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUS (1 File) <input type="checkbox"/> EQUS (4 File) <input type="checkbox"/> Other | | | | |
| Client Information Client: LaBella Address: 300 State St Rochester NY 14614 Phone: 585-454-6110 Fax: dbrantner@LaBellaPC.com Email: jfdj@LaBellaPC.com | | | Billing Information <input checked="" type="checkbox"/> Same as Client Info PO # 2221810 | | | | |
| Project Manager: Drew Brantner ALPHAQuote #: | | | Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge | | | | |
| Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days: | | | Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other: | | | | |
| These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: | | | ANALYSIS | | | | |
| Please specify Metals or TAL. | | | Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below) | | | | |
| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection | Sample Matrix | Sampler's Initials | VOCs SVOCs Nitrate + Sulfate Chloride Iron + Manganese Methane | Total Bottles | |
| | | Date Time | | | | | |
| 21773-01 | MW-2 | 4/25/22 1040 | water | [Signature] | X X X X X X | 9 | |
| 02 | MW-8 | 4/25/22 1140 | | | X X X X X X | 9 | |
| 03 | MW-3 | 4/26/22 930 | | | X X X X X X | 9 | |
| 04 | MW-5 | 1045 | | | X X X X X X | 9 | |
| 05 | MWIRM-2 | 1140 | | | X X X X X X | MS/MSD 27 | |
| 06 | MW-14 | 1440 | | | X X X X X X | 9 | |
| 07 | QA/QC | - | | | X X X X X X | 9 | |
| | | | | | | 9 | |
| | | | | | | | |
| Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O 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 Preservative | | | | |
| Relinquished By: [Signature] SECURE STORAGE AAL R Cunningham AAL | | Date/Time: 4/26/22 1545 4/26/22 16:50 4/26/22 16:50 | | Received By: SECURE STORAGE AAL R Cunningham AAL [Signature] | | Date/Time: 4/26/22 15:45 4/26/22 16:50 4/27/22 0000 | |
| 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.) | | | | | | | |



ANALYTICAL REPORT

| | |
|-----------------|--|
| Lab Number: | L2221971 |
| Client: | LaBella Associates, P.C. 300 State Street Suite 201 Rochester, NY 14614 |
| ATTN: | Drew Brantner |
| Phone: | (607) 280-2628 |
| Project Name: | 100 FERNWOOD |
| Project Number: | 2221810 |
| Report Date: | 05/12/22 |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|----------------------------|------------------|---------------|----------------------------|---------------------------------|---------------------|
| L2221971-01 | MW-1 | WATER | ROCHESTER, NY | 04/27/22 08:40 | 04/27/22 |
| L2221971-02 | MWIRM-3 | WATER | ROCHESTER, NY | 04/27/22 10:35 | 04/27/22 |
| L2221971-03 | TRIP BLANK | WATER | ROCHESTER, NY | 04/27/22 00:00 | 04/27/22 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

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: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

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.

Dissolved Gases

L2221971-01: The sample was collected in pre-preserved vials; however, the pH of the sample was determined to be greater than two.

Semivolatile Organics

The WG1632944-1 Method Blank, associated with L2221971-01 and -02, has TIC(s) detected. The results are qualified with a "B" for any associated samples that have detections of the same TIC(s).

Semivolatile Organics by SIM

L2221971-02D: The sample has elevated detection limits due to the dilution required by the sample matrix.

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:  Tiffani Morrissey

Title: Technical Director/Representative

Date: 05/12/22

ORGANICS

VOLATILES

Project Name: 100 FERNWOOD

Lab Number: L2221971

Project Number: 2221810

Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2221971-01
 Client ID: MW-1
 Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 08:40
 Date Received: 04/27/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/06/22 02:54
 Analyst: MV

| 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: 100 FERNWOOD

Lab Number: L2221971

Project Number: 2221810

Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2221971-01
 Client ID: MW-1
 Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 08:40
 Date Received: 04/27/22
 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 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | 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 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| Freon-113 | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl cyclohexane | ND | | ug/l | 10 | 0.40 | 1 |

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l 1

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 106 | | 70-130 |
| Toluene-d8 | 100 | | 70-130 |
| 4-Bromofluorobenzene | 97 | | 70-130 |
| Dibromofluoromethane | 102 | | 70-130 |

Project Name: 100 FERNWOOD**Lab Number:** L2221971**Project Number:** 2221810**Report Date:** 05/12/22**SAMPLE RESULTS**

Lab ID: L2221971-01
 Client ID: MW-1
 Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 08:40
 Date Received: 04/27/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 117,-
 Analytical Date: 05/06/22 13:08
 Analyst: BB

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Dissolved Gases by GC - Mansfield Lab | | | | | | | |
| Methane | ND | | ug/l | 2.00 | 2.00 | 1 | A |

Project Name: 100 FERNWOOD

Lab Number: L2221971

Project Number: 2221810

Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2221971-02
 Client ID: MWIRM-3
 Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 10:35
 Date Received: 04/27/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/06/22 03:14
 Analyst: MV

| 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 | 0.54 | | 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 | 3.6 | | ug/l | 0.50 | 0.16 | 1 |
| Toluene | 3.7 | | ug/l | 2.5 | 0.70 | 1 |
| Ethylbenzene | 2.7 | | 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 | 0.59 | J | 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: 100 FERNWOOD

Lab Number: L2221971

Project Number: 2221810

Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2221971-02
 Client ID: MWIRM-3
 Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 10:35
 Date Received: 04/27/22
 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 | 12 | | ug/l | 2.5 | 0.70 | 1 |
| o-Xylene | 11 | | ug/l | 2.5 | 0.70 | 1 |
| cis-1,2-Dichloroethene | 1.2 | 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 | 4.9 | J | ug/l | 5.0 | 1.5 | 1 |
| Carbon disulfide | ND | | ug/l | 5.0 | 1.0 | 1 |
| 2-Butanone | 3.5 | J | 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 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl Acetate | ND | | ug/l | 2.0 | 0.23 | 1 |
| Cyclohexane | 0.39 | J | ug/l | 10 | 0.27 | 1 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| Freon-113 | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl cyclohexane | 0.67 | J | ug/l | 10 | 0.40 | 1 |

Project Name: 100 FERNWOOD

Lab Number: L2221971

Project Number: 2221810

Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2221971-02
 Client ID: MWIRM-3
 Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 10:35
 Date Received: 04/27/22
 Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--|--------|-----------|-------|----|-----|-----------------|
| Volatile Organics by GC/MS - Westborough Lab | | | | | | |

Tentatively Identified Compounds

| | | | | | | |
|--------------------------------|------|----|------|--|--|---|
| Total TIC Compounds | 472 | J | ug/l | | | 1 |
| Benzene, (2-methyl-1-butenyl)- | 33.4 | NJ | ug/l | | | 1 |
| Unknown Aromatic | 41.0 | J | ug/l | | | 1 |
| Unknown Aromatic | 47.3 | J | ug/l | | | 1 |
| Unknown Aromatic | 105 | J | ug/l | | | 1 |
| Unknown Aromatic | 29.8 | J | ug/l | | | 1 |
| Unknown Naphthalene | 25.5 | J | ug/l | | | 1 |
| Unknown | 25.4 | J | ug/l | | | 1 |
| Unknown Naphthalene | 38.3 | J | ug/l | | | 1 |
| Unknown Aromatic | 77.6 | J | ug/l | | | 1 |
| Unknown Aromatic | 48.9 | J | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 111 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 95 | | 70-130 |
| Dibromofluoromethane | 108 | | 70-130 |

Project Name: 100 FERNWOOD**Lab Number:** L2221971**Project Number:** 2221810**Report Date:** 05/12/22**SAMPLE RESULTS**

Lab ID: L2221971-02
 Client ID: MWIRM-3
 Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 10:35
 Date Received: 04/27/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 117,-

Analytical Date: 05/05/22 19:59

Analyst: BB

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Dissolved Gases by GC - Mansfield Lab | | | | | | | |
| Methane | 7840 | | ug/l | 2.00 | 2.00 | 1 | A |

Project Name: 100 FERNWOOD

Lab Number: L2221971

Project Number: 2221810

Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2221971-03
 Client ID: TRIP BLANK
 Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 00:00
 Date Received: 04/27/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/02/22 21:10
 Analyst: MV

| 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: 100 FERNWOOD

Lab Number: L2221971

Project Number: 2221810

Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2221971-03
 Client ID: TRIP BLANK
 Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 00:00
 Date Received: 04/27/22
 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 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 | 1 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 | 1 |
| 1,2,4-Trichlorobenzene | 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 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. | 1 |
| Freon-113 | ND | | ug/l | 2.5 | 0.70 | 1 |
| Methyl cyclohexane | ND | | ug/l | 10 | 0.40 | 1 |

Tentatively Identified Compounds

| | | | | |
|---------------------|------|---|------|---|
| Total TIC Compounds | 1.11 | J | ug/l | 1 |
| Unknown | 1.11 | J | ug/l | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 104 | | 70-130 |
| Toluene-d8 | 101 | | 70-130 |
| 4-Bromofluorobenzene | 98 | | 70-130 |
| Dibromofluoromethane | 101 | | 70-130 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/02/22 14:06
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|--------|-----------|-------|------|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1633826-5 | | | | | |
| 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: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/02/22 14:06
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|--------|-----------|-------|-----|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1633826-5 | | | | | |
| 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 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| Methyl Acetate | ND | | ug/l | 2.0 | 0.23 |
| Cyclohexane | ND | | ug/l | 10 | 0.27 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. |
| Freon-113 | ND | | ug/l | 2.5 | 0.70 |
| Methyl cyclohexane | ND | | ug/l | 10 | 0.40 |

Tentatively Identified Compounds

| | | | |
|-------------------------------|------|----|------|
| Total TIC Compounds | 4.32 | J | ug/l |
| Cyclotrisiloxane, Hexamethyl- | 1.59 | NJ | ug/l |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/02/22 14:06
Analyst: PD

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|--------|-----------|-------|----|-----|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1633826-5 | | | | | |

Tentatively Identified Compounds

| | | | | | |
|---------|------|---|------|--|--|
| Unknown | 1.41 | J | ug/l | | |
| Unknown | 1.32 | J | ug/l | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 99 | | 70-130 |
| Toluene-d8 | 102 | | 70-130 |
| 4-Bromofluorobenzene | 100 | | 70-130 |
| Dibromofluoromethane | 100 | | 70-130 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 05/05/22 10:38
Analyst: BB

| Parameter | Result | Qualifier | Units | RL | MDL | |
|--|---------------|------------------|--------------|-----------|------------|---|
| Dissolved Gases by GC - Mansfield Lab for sample(s): 02 Batch: WG1634946-3 | | | | | | |
| Methane | ND | | ug/l | 2.00 | 2.00 | A |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 05/06/22 10:18
Analyst: BB

| Parameter | Result | Qualifier | Units | RL | MDL | |
|--|---------------|------------------|--------------|-----------|------------|---|
| Dissolved Gases by GC - Mansfield Lab for sample(s): 01 Batch: WG1635455-3 | | | | | | |
| Methane | ND | | ug/l | 2.00 | 2.00 | A |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/05/22 20:11
Analyst: KJD

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|------|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1637025-5 | | | | | |
| 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: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/05/22 20:11
Analyst: KJD

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|-----|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1637025-5 | | | | | |
| 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 |
| Bromochloromethane | ND | | ug/l | 2.5 | 0.70 |
| 1,2-Dibromoethane | ND | | ug/l | 2.0 | 0.65 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/l | 2.5 | 0.70 |
| Isopropylbenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,2,3-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| 1,2,4-Trichlorobenzene | ND | | ug/l | 2.5 | 0.70 |
| Methyl Acetate | ND | | ug/l | 2.0 | 0.23 |
| Cyclohexane | ND | | ug/l | 10 | 0.27 |
| 1,4-Dioxane | ND | | ug/l | 250 | 61. |
| Freon-113 | ND | | ug/l | 2.5 | 0.70 |
| Methyl cyclohexane | ND | | ug/l | 10 | 0.40 |

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/05/22 20:11
Analyst: KJD

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|----|-----|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1637025-5 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 106 | | 70-130 |
| Toluene-d8 | 99 | | 70-130 |
| 4-Bromofluorobenzene | 97 | | 70-130 |
| Dibromofluoromethane | 104 | | 70-130 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221971

Report Date: 05/12/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|--|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1633826-3 WG1633826-4 | | | | | | | | |
| Methylene chloride | 100 | | 100 | | 70-130 | 0 | | 20 |
| 1,1-Dichloroethane | 100 | | 100 | | 70-130 | 0 | | 20 |
| Chloroform | 110 | | 110 | | 70-130 | 0 | | 20 |
| Carbon tetrachloride | 110 | | 110 | | 63-132 | 0 | | 20 |
| 1,2-Dichloropropane | 94 | | 96 | | 70-130 | 2 | | 20 |
| Dibromochloromethane | 100 | | 100 | | 63-130 | 0 | | 20 |
| 1,1,2-Trichloroethane | 100 | | 110 | | 70-130 | 10 | | 20 |
| Tetrachloroethene | 120 | | 120 | | 70-130 | 0 | | 20 |
| Chlorobenzene | 110 | | 110 | | 75-130 | 0 | | 20 |
| Trichlorofluoromethane | 110 | | 110 | | 62-150 | 0 | | 20 |
| 1,2-Dichloroethane | 97 | | 98 | | 70-130 | 1 | | 20 |
| 1,1,1-Trichloroethane | 120 | | 110 | | 67-130 | 9 | | 20 |
| Bromodichloromethane | 100 | | 100 | | 67-130 | 0 | | 20 |
| trans-1,3-Dichloropropene | 110 | | 110 | | 70-130 | 0 | | 20 |
| cis-1,3-Dichloropropene | 100 | | 100 | | 70-130 | 0 | | 20 |
| Bromoform | 110 | | 110 | | 54-136 | 0 | | 20 |
| 1,1,2,2-Tetrachloroethane | 99 | | 100 | | 67-130 | 1 | | 20 |
| Benzene | 100 | | 110 | | 70-130 | 10 | | 20 |
| Toluene | 110 | | 110 | | 70-130 | 0 | | 20 |
| Ethylbenzene | 110 | | 120 | | 70-130 | 9 | | 20 |
| Chloromethane | 66 | | 69 | | 64-130 | 4 | | 20 |
| Bromomethane | 56 | | 58 | | 39-139 | 4 | | 20 |
| Vinyl chloride | 69 | | 68 | | 55-140 | 1 | | 20 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221971

Report Date: 05/12/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|--|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1633826-3 WG1633826-4 | | | | | | | | |
| Chloroethane | 68 | | 72 | | 55-138 | 6 | | 20 |
| 1,1-Dichloroethene | 110 | | 110 | | 61-145 | 0 | | 20 |
| trans-1,2-Dichloroethene | 110 | | 110 | | 70-130 | 0 | | 20 |
| Trichloroethene | 100 | | 110 | | 70-130 | 10 | | 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 | 100 | | 100 | | 63-130 | 0 | | 20 |
| p/m-Xylene | 110 | | 110 | | 70-130 | 0 | | 20 |
| o-Xylene | 105 | | 110 | | 70-130 | 5 | | 20 |
| cis-1,2-Dichloroethene | 100 | | 100 | | 70-130 | 0 | | 20 |
| Styrene | 105 | | 105 | | 70-130 | 0 | | 20 |
| Dichlorodifluoromethane | 110 | | 110 | | 36-147 | 0 | | 20 |
| Acetone | 65 | | 62 | | 58-148 | 5 | | 20 |
| Carbon disulfide | 110 | | 110 | | 51-130 | 0 | | 20 |
| 2-Butanone | 70 | | 71 | | 63-138 | 1 | | 20 |
| 4-Methyl-2-pentanone | 84 | | 89 | | 59-130 | 6 | | 20 |
| 2-Hexanone | 73 | | 80 | | 57-130 | 9 | | 20 |
| Bromochloromethane | 100 | | 100 | | 70-130 | 0 | | 20 |
| 1,2-Dibromoethane | 100 | | 110 | | 70-130 | 10 | | 20 |
| 1,2-Dibromo-3-chloropropane | 96 | | 100 | | 41-144 | 4 | | 20 |
| Isopropylbenzene | 110 | | 110 | | 70-130 | 0 | | 20 |
| 1,2,3-Trichlorobenzene | 98 | | 100 | | 70-130 | 2 | | 20 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221971

Report Date: 05/12/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|--|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1633826-3 WG1633826-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 100 | | 100 | | 70-130 | 0 | | 20 |
| Methyl Acetate | 73 | | 74 | | 70-130 | 1 | | 20 |
| Cyclohexane | 89 | | 90 | | 70-130 | 1 | | 20 |
| 1,4-Dioxane | 96 | | 104 | | 56-162 | 8 | | 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 | 101 | | 100 | | 70-130 |
| Toluene-d8 | 103 | | 103 | | 70-130 |
| 4-Bromofluorobenzene | 99 | | 100 | | 70-130 |
| Dibromofluoromethane | 100 | | 100 | | 70-130 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221971

Report Date: 05/12/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Dissolved Gases by GC - Mansfield Lab Associated sample(s): 02 Batch: WG1634946-2 | | | | | | | | | |
| Methane | 107 | | - | | 80-120 | - | | 25 | A |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221971

Report Date: 05/12/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01 Batch: WG1635455-2 | | | | | | | | | |
| Methane | 107 | | - | | 80-120 | - | | 25 | A |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Lab Number: L2221971

Project Number: 2221810

Report Date: 05/12/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1637025-3 WG1637025-4 | | | | | | | | |
| Methylene chloride | 100 | | 110 | | 70-130 | 10 | | 20 |
| 1,1-Dichloroethane | 110 | | 110 | | 70-130 | 0 | | 20 |
| Chloroform | 100 | | 110 | | 70-130 | 10 | | 20 |
| Carbon tetrachloride | 110 | | 110 | | 63-132 | 0 | | 20 |
| 1,2-Dichloropropane | 110 | | 120 | | 70-130 | 9 | | 20 |
| Dibromochloromethane | 100 | | 110 | | 63-130 | 10 | | 20 |
| 1,1,2-Trichloroethane | 100 | | 110 | | 70-130 | 10 | | 20 |
| Tetrachloroethene | 110 | | 110 | | 70-130 | 0 | | 20 |
| Chlorobenzene | 100 | | 110 | | 75-130 | 10 | | 20 |
| Trichlorofluoromethane | 95 | | 100 | | 62-150 | 5 | | 20 |
| 1,2-Dichloroethane | 100 | | 110 | | 70-130 | 10 | | 20 |
| 1,1,1-Trichloroethane | 100 | | 100 | | 67-130 | 0 | | 20 |
| Bromodichloromethane | 100 | | 110 | | 67-130 | 10 | | 20 |
| trans-1,3-Dichloropropene | 91 | | 94 | | 70-130 | 3 | | 20 |
| cis-1,3-Dichloropropene | 97 | | 100 | | 70-130 | 3 | | 20 |
| Bromoform | 95 | | 100 | | 54-136 | 5 | | 20 |
| 1,1,2,2-Tetrachloroethane | 110 | | 120 | | 67-130 | 9 | | 20 |
| Benzene | 100 | | 110 | | 70-130 | 10 | | 20 |
| Toluene | 110 | | 110 | | 70-130 | 0 | | 20 |
| Ethylbenzene | 100 | | 110 | | 70-130 | 10 | | 20 |
| Chloromethane | 72 | | 76 | | 64-130 | 5 | | 20 |
| Bromomethane | 23 | Q | 28 | Q | 39-139 | 20 | | 20 |
| Vinyl chloride | 81 | | 84 | | 55-140 | 4 | | 20 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221971

Report Date: 05/12/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1637025-3 WG1637025-4 | | | | | | | | |
| Chloroethane | 76 | | 77 | | 55-138 | 1 | | 20 |
| 1,1-Dichloroethene | 100 | | 100 | | 61-145 | 0 | | 20 |
| trans-1,2-Dichloroethene | 100 | | 100 | | 70-130 | 0 | | 20 |
| Trichloroethene | 100 | | 100 | | 70-130 | 0 | | 20 |
| 1,2-Dichlorobenzene | 100 | | 110 | | 70-130 | 10 | | 20 |
| 1,3-Dichlorobenzene | 100 | | 110 | | 70-130 | 10 | | 20 |
| 1,4-Dichlorobenzene | 100 | | 110 | | 70-130 | 10 | | 20 |
| Methyl tert butyl ether | 91 | | 100 | | 63-130 | 9 | | 20 |
| p/m-Xylene | 105 | | 110 | | 70-130 | 5 | | 20 |
| o-Xylene | 105 | | 110 | | 70-130 | 5 | | 20 |
| cis-1,2-Dichloroethene | 100 | | 110 | | 70-130 | 10 | | 20 |
| Styrene | 105 | | 110 | | 70-130 | 5 | | 20 |
| Dichlorodifluoromethane | 35 | Q | 38 | | 36-147 | 8 | | 20 |
| Acetone | 150 | Q | 170 | Q | 58-148 | 13 | | 20 |
| Carbon disulfide | 93 | | 95 | | 51-130 | 2 | | 20 |
| 2-Butanone | 120 | | 140 | Q | 63-138 | 15 | | 20 |
| 4-Methyl-2-pentanone | 100 | | 110 | | 59-130 | 10 | | 20 |
| 2-Hexanone | 130 | | 140 | Q | 57-130 | 7 | | 20 |
| Bromochloromethane | 100 | | 110 | | 70-130 | 10 | | 20 |
| 1,2-Dibromoethane | 99 | | 110 | | 70-130 | 11 | | 20 |
| 1,2-Dibromo-3-chloropropane | 100 | | 120 | | 41-144 | 18 | | 20 |
| Isopropylbenzene | 100 | | 110 | | 70-130 | 10 | | 20 |
| 1,2,3-Trichlorobenzene | 100 | | 110 | | 70-130 | 10 | | 20 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221971

Report Date: 05/12/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1637025-3 WG1637025-4 | | | | | | | | |
| 1,2,4-Trichlorobenzene | 98 | | 110 | | 70-130 | 12 | | 20 |
| Methyl Acetate | 120 | | 130 | | 70-130 | 8 | | 20 |
| Cyclohexane | 120 | | 120 | | 70-130 | 0 | | 20 |
| 1,4-Dioxane | 98 | | 114 | | 56-162 | 15 | | 20 |
| Freon-113 | 110 | | 100 | | 70-130 | 10 | | 20 |
| Methyl cyclohexane | 99 | | 110 | | 70-130 | 11 | | 20 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|-----------------------|------------------|------|-------------------|------|------------------------|
| 1,2-Dichloroethane-d4 | 100 | | 104 | | 70-130 |
| Toluene-d8 | 100 | | 99 | | 70-130 |
| 4-Bromofluorobenzene | 96 | | 94 | | 70-130 |
| Dibromofluoromethane | 99 | | 99 | | 70-130 |

Matrix Spike Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221971

Report Date: 05/12/22

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits | Column |
|--|----------------------|-----------------|-----------------|---------------------|-------------|------------------|----------------------|-------------|------------------------|------------|-------------|-------------------|---------------|
| Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1635455-5 QC Sample: L2221971-01 Client ID: MW-1 | | | | | | | | | | | | | |
| Methane | ND | 54.6 | 58.1 | 106 | | - | - | | 80-120 | - | | 25 | A |

SEMIVOLATILES

Project Name: 100 FERNWOOD

Lab Number: L2221971

Project Number: 2221810

Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2221971-01
 Client ID: MW-1
 Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 08:40
 Date Received: 04/27/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/03/22 04:05
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 05/02/22 07:54

| 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: 100 FERNWOOD

Lab Number: L2221971

Project Number: 2221810

Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2221971-01
 Client ID: MW-1
 Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 08:40
 Date Received: 04/27/22
 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 |

Tentatively Identified Compounds

| | | | | |
|----------------------|------|----|------|---|
| Total TIC Compounds | 9.96 | J | ug/l | 1 |
| Unknown | 2.80 | J | ug/l | 1 |
| Unknown | 2.54 | JB | ug/l | 1 |
| Unknown Alkane | 1.49 | J | ug/l | 1 |
| Unknown Alkane | 1.60 | J | ug/l | 1 |
| Unknown Organic Acid | 1.53 | J | ug/l | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol | 70 | | 21-120 |
| Phenol-d6 | 55 | | 10-120 |
| Nitrobenzene-d5 | 88 | | 23-120 |
| 2-Fluorobiphenyl | 79 | | 15-120 |
| 2,4,6-Tribromophenol | 81 | | 10-120 |
| 4-Terphenyl-d14 | 76 | | 41-149 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2221971-01
 Client ID: MW-1
 Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 08:40
 Date Received: 04/27/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/02/22 16:02
 Analyst: AH

Extraction Method: EPA 3510C
 Extraction Date: 05/02/22 07:57

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|--------|-----------|-------|------|------|-----------------|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab | | | | | | |
| Acenaphthene | 0.05 | J | 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 | 0.10 | J | 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 | 0.04 | 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 | 0.06 | J | ug/l | 0.10 | 0.01 | 1 |
| Phenanthrene | 0.07 | 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 | ND | | ug/l | 0.10 | 0.02 | 1 |
| 2-Methylnaphthalene | 0.10 | | 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: 100 FERNWOOD**Lab Number:** L2221971**Project Number:** 2221810**Report Date:** 05/12/22**SAMPLE RESULTS**

Lab ID: L2221971-01

Date Collected: 04/27/22 08:40

Client ID: MW-1

Date Received: 04/27/22

Sample Location: ROCHESTER, 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 | 71 | | 21-120 |
| Phenol-d6 | 58 | | 10-120 |
| Nitrobenzene-d5 | 86 | | 23-120 |
| 2-Fluorobiphenyl | 83 | | 15-120 |
| 2,4,6-Tribromophenol | 105 | | 10-120 |
| 4-Terphenyl-d14 | 84 | | 41-149 |

Project Name: 100 FERNWOOD**Lab Number:** L2221971**Project Number:** 2221810**Report Date:** 05/12/22**SAMPLE RESULTS**

Lab ID: L2221971-02
 Client ID: MWIRM-3
 Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 10:35
 Date Received: 04/27/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/03/22 08:49
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 05/02/22 07:54

| 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 | 28. | | 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 | 1.6 | J | 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: 100 FERNWOOD

Lab Number: L2221971

Project Number: 2221810

Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2221971-02
 Client ID: MWIRM-3
 Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 10:35
 Date Received: 04/27/22
 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 | 3.8 | J | 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 | 14. | | ug/l | 5.0 | 0.49 | 1 |
| 3-Methylphenol/4-Methylphenol | 13. | | 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 |

Project Name: 100 FERNWOOD

Lab Number: L2221971

Project Number: 2221810

Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2221971-02
 Client ID: MWIRM-3
 Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 10:35
 Date Received: 04/27/22
 Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--|--------|-----------|-------|----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab | | | | | | |
| Tentatively Identified Compounds | | | | | | |
| Total TIC Compounds | 861 | J | ug/l | | | 1 |
| Unknown Naphthalene | 37.6 | J | ug/l | | | 1 |
| Unknown Biphenyl | 42.1 | J | ug/l | | | 1 |
| Unknown | 61.4 | J | ug/l | | | 1 |
| Unknown Naphthalene | 78.7 | J | ug/l | | | 1 |
| Unknown Naphthalene | 37.1 | J | ug/l | | | 1 |
| Unknown Naphthalene | 63.6 | J | ug/l | | | 1 |
| Naphthalene, 1-methyl- | 95.5 | NJ | ug/l | | | 1 |
| Unknown Naphthalene | 35.7 | J | ug/l | | | 1 |
| Unknown | 35.9 | J | ug/l | | | 1 |
| Unknown | 44.2 | J | ug/l | | | 1 |
| Unknown | 45.1 | J | ug/l | | | 1 |
| Unknown | 86.6 | J | ug/l | | | 1 |
| Unknown Naphthalene | 96.4 | J | ug/l | | | 1 |
| Unknown Naphthalene | 38.4 | J | ug/l | | | 1 |
| Unknown Naphthalene | 62.9 | J | ug/l | | | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol | 64 | | 21-120 |
| Phenol-d6 | 50 | | 10-120 |
| Nitrobenzene-d5 | 82 | | 23-120 |
| 2-Fluorobiphenyl | 74 | | 15-120 |
| 2,4,6-Tribromophenol | 50 | | 10-120 |
| 4-Terphenyl-d14 | 74 | | 41-149 |

Project Name: 100 FERNWOOD

Lab Number: L2221971

Project Number: 2221810

Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2221971-02 D

Date Collected: 04/27/22 10:35

Client ID: MWIRM-3

Date Received: 04/27/22

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270D-SIM

Extraction Date: 05/02/22 07:57

Analytical Date: 05/11/22 12:45

Analyst: JJW

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--|--------|-----------|-------|------|------|-----------------|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab | | | | | | |
| Acenaphthene | 22 | | ug/l | 0.50 | 0.07 | 5 |
| 2-Chloronaphthalene | ND | | ug/l | 1.0 | 0.09 | 5 |
| Fluoranthene | 2.8 | | ug/l | 0.50 | 0.10 | 5 |
| Hexachlorobutadiene | ND | | ug/l | 2.5 | 0.23 | 5 |
| Naphthalene | ND | | ug/l | 0.50 | 0.24 | 5 |
| Benzo(a)anthracene | 2.5 | | ug/l | 0.50 | 0.10 | 5 |
| Benzo(a)pyrene | 0.84 | | ug/l | 0.50 | 0.08 | 5 |
| Benzo(b)fluoranthene | 0.46 | J | ug/l | 0.50 | 0.06 | 5 |
| Benzo(k)fluoranthene | 0.09 | J | ug/l | 0.50 | 0.04 | 5 |
| Chrysene | 3.0 | | ug/l | 0.50 | 0.06 | 5 |
| Acenaphthylene | ND | | ug/l | 0.50 | 0.06 | 5 |
| Anthracene | ND | | ug/l | 0.50 | 0.07 | 5 |
| Benzo(ghi)perylene | 0.39 | J | ug/l | 0.50 | 0.07 | 5 |
| Fluorene | 16 | | ug/l | 0.50 | 0.07 | 5 |
| Phenanthrene | 39 | | ug/l | 0.50 | 0.12 | 5 |
| Dibenzo(a,h)anthracene | ND | | ug/l | 0.50 | 0.06 | 5 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/l | 0.50 | 0.06 | 5 |
| Pyrene | 19 | | ug/l | 0.50 | 0.10 | 5 |
| 2-Methylnaphthalene | 18 | | ug/l | 0.50 | 0.11 | 5 |
| Pentachlorophenol | ND | | ug/l | 4.0 | 0.07 | 5 |
| Hexachlorobenzene | ND | | ug/l | 4.0 | 0.05 | 5 |
| Hexachloroethane | ND | | ug/l | 4.0 | 0.32 | 5 |

Project Name: 100 FERNWOOD**Lab Number:** L2221971**Project Number:** 2221810**Report Date:** 05/12/22**SAMPLE RESULTS**

Lab ID: L2221971-02 D

Date Collected: 04/27/22 10:35

Client ID: MWIRM-3

Date Received: 04/27/22

Sample Location: ROCHESTER, 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 | 68 | | 21-120 |
| Phenol-d6 | 60 | | 10-120 |
| Nitrobenzene-d5 | 99 | | 23-120 |
| 2-Fluorobiphenyl | 86 | | 15-120 |
| 2,4,6-Tribromophenol | 104 | | 10-120 |
| 4-Terphenyl-d14 | 83 | | 41-149 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/02/22 14:19
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 05/01/22 09:22

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|-----|------|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1632944-1 | | | | | |
| 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 | ND | | 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: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/02/22 14:19
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 05/01/22 09:22

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|-----|------|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1632944-1 | | | | | |
| 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 |

Tentatively Identified Compounds

| | | | |
|---------------------|------|---|------|
| Total TIC Compounds | 5.88 | J | ug/l |
| Unknown | 1.85 | J | ug/l |
| Unknown | 2.36 | J | ug/l |
| Unknown | 1.67 | J | ug/l |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/02/22 14:19
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 05/01/22 09:22

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1632944-1 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|----------------------|-----------|-----------|---------------------|
| 2-Fluorophenol | 64 | | 21-120 |
| Phenol-d6 | 45 | | 10-120 |
| Nitrobenzene-d5 | 78 | | 23-120 |
| 2-Fluorobiphenyl | 72 | | 15-120 |
| 2,4,6-Tribromophenol | 79 | | 10-120 |
| 4-Terphenyl-d14 | 88 | | 41-149 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 05/02/22 11:52
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/01/22 09:25

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|------|------|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1632945-1 | | | | | |
| 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: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 05/02/22 11:52
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/01/22 09:25

| Parameter | Result | Qualifier | Units | RL | MDL |
|--|--------|-----------|-------|----|-----|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1632945-1 | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|----------------------|-----------|-----------|---------------------|
| 2-Fluorophenol | 62 | | 21-120 |
| Phenol-d6 | 51 | | 10-120 |
| Nitrobenzene-d5 | 89 | | 23-120 |
| 2-Fluorobiphenyl | 79 | | 15-120 |
| 2,4,6-Tribromophenol | 109 | | 10-120 |
| 4-Terphenyl-d14 | 96 | | 41-149 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221971

Report Date: 05/12/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1632944-2 WG1632944-3 | | | | | | | | |
| Bis(2-chloroethyl)ether | 65 | | 76 | | 40-140 | 16 | | 30 |
| 3,3'-Dichlorobenzidine | 61 | | 44 | | 40-140 | 32 | Q | 30 |
| 2,4-Dinitrotoluene | 68 | | 84 | | 48-143 | 21 | | 30 |
| 2,6-Dinitrotoluene | 63 | | 79 | | 40-140 | 23 | | 30 |
| 4-Chlorophenyl phenyl ether | 66 | | 80 | | 40-140 | 19 | | 30 |
| 4-Bromophenyl phenyl ether | 64 | | 79 | | 40-140 | 21 | | 30 |
| Bis(2-chloroisopropyl)ether | 67 | | 72 | | 40-140 | 7 | | 30 |
| Bis(2-chloroethoxy)methane | 67 | | 74 | | 40-140 | 10 | | 30 |
| Hexachlorocyclopentadiene | 44 | | 56 | | 40-140 | 24 | | 30 |
| Isophorone | 61 | | 69 | | 40-140 | 12 | | 30 |
| Nitrobenzene | 65 | | 76 | | 40-140 | 16 | | 30 |
| NDPA/DPA | 69 | | 66 | | 40-140 | 4 | | 30 |
| n-Nitrosodi-n-propylamine | 65 | | 76 | | 29-132 | 16 | | 30 |
| Bis(2-ethylhexyl)phthalate | 72 | | 92 | | 40-140 | 24 | | 30 |
| Butyl benzyl phthalate | 65 | | 85 | | 40-140 | 27 | | 30 |
| Di-n-butylphthalate | 67 | | 83 | | 40-140 | 21 | | 30 |
| Di-n-octylphthalate | 67 | | 93 | | 40-140 | 33 | Q | 30 |
| Diethyl phthalate | 68 | | 82 | | 40-140 | 19 | | 30 |
| Dimethyl phthalate | 64 | | 76 | | 40-140 | 17 | | 30 |
| Biphenyl | 64 | | 76 | | 40-140 | 17 | | 30 |
| 4-Chloroaniline | 56 | | 59 | | 40-140 | 5 | | 30 |
| 2-Nitroaniline | 66 | | 81 | | 52-143 | 20 | | 30 |
| 3-Nitroaniline | 66 | | 79 | | 25-145 | 18 | | 30 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221971

Report Date: 05/12/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1632944-2 WG1632944-3 | | | | | | | | |
| 4-Nitroaniline | 67 | | 85 | | 51-143 | 24 | | 30 |
| Dibenzofuran | 70 | | 84 | | 40-140 | 18 | | 30 |
| 1,2,4,5-Tetrachlorobenzene | 56 | | 67 | | 2-134 | 18 | | 30 |
| Acetophenone | 65 | | 77 | | 39-129 | 17 | | 30 |
| 2,4,6-Trichlorophenol | 64 | | 76 | | 30-130 | 17 | | 30 |
| p-Chloro-m-cresol | 67 | | 82 | | 23-97 | 20 | | 30 |
| 2-Chlorophenol | 65 | | 71 | | 27-123 | 9 | | 30 |
| 2,4-Dichlorophenol | 66 | | 74 | | 30-130 | 11 | | 30 |
| 2,4-Dimethylphenol | 64 | | 58 | | 30-130 | 10 | | 30 |
| 2-Nitrophenol | 67 | | 78 | | 30-130 | 15 | | 30 |
| 4-Nitrophenol | 60 | | 84 | Q | 10-80 | 33 | Q | 30 |
| 2,4-Dinitrophenol | 69 | | 79 | | 20-130 | 14 | | 30 |
| 4,6-Dinitro-o-cresol | 71 | | 93 | | 20-164 | 27 | | 30 |
| Phenol | 48 | | 47 | | 12-110 | 2 | | 30 |
| 2-Methylphenol | 64 | | 62 | | 30-130 | 3 | | 30 |
| 3-Methylphenol/4-Methylphenol | 62 | | 65 | | 30-130 | 5 | | 30 |
| 2,4,5-Trichlorophenol | 64 | | 79 | | 30-130 | 21 | | 30 |
| Carbazole | 73 | | 91 | | 55-144 | 22 | | 30 |
| Atrazine | 57 | | 78 | | 40-140 | 31 | Q | 30 |
| Benzaldehyde | 67 | | 75 | | 40-140 | 11 | | 30 |
| Caprolactam | 33 | | 43 | | 10-130 | 26 | | 30 |
| 2,3,4,6-Tetrachlorophenol | 62 | | 82 | | 40-140 | 28 | | 30 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221971

Report Date: 05/12/22

| Parameter | <i>LCS</i> %Recovery | <i>Qual</i> | <i>LCSD</i> %Recovery | <i>Qual</i> | <i>%Recovery</i> Limits | <i>RPD</i> | <i>Qual</i> | <i>RPD</i> Limits |
|-----------|-------------------------|-------------|--------------------------|-------------|----------------------------|------------|-------------|----------------------|
|-----------|-------------------------|-------------|--------------------------|-------------|----------------------------|------------|-------------|----------------------|

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1632944-2 WG1632944-3

| <i>Surrogate</i> | <i>LCS</i> %Recovery | <i>Qual</i> | <i>LCSD</i> %Recovery | <i>Qual</i> | <i>Acceptance</i> Criteria |
|----------------------|-------------------------|-------------|--------------------------|-------------|-------------------------------|
| 2-Fluorophenol | 61 | | 58 | | 21-120 |
| Phenol-d6 | 47 | | 45 | | 10-120 |
| Nitrobenzene-d5 | 66 | | 74 | | 23-120 |
| 2-Fluorobiphenyl | 62 | | 71 | | 15-120 |
| 2,4,6-Tribromophenol | 67 | | 83 | | 10-120 |
| 4-Terphenyl-d14 | 69 | | 84 | | 41-149 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221971

Report Date: 05/12/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1632945-2 WG1632945-3 | | | | | | | | |
| Acenaphthene | 100 | | 77 | | 40-140 | 26 | | 40 |
| 2-Chloronaphthalene | 94 | | 77 | | 40-140 | 20 | | 40 |
| Fluoranthene | 104 | | 80 | | 40-140 | 26 | | 40 |
| Hexachlorobutadiene | 79 | | 67 | | 40-140 | 16 | | 40 |
| Naphthalene | 124 | | 88 | | 40-140 | 34 | | 40 |
| Benzo(a)anthracene | 104 | | 79 | | 40-140 | 27 | | 40 |
| Benzo(a)pyrene | 97 | | 74 | | 40-140 | 27 | | 40 |
| Benzo(b)fluoranthene | 116 | | 92 | | 40-140 | 23 | | 40 |
| Benzo(k)fluoranthene | 114 | | 85 | | 40-140 | 29 | | 40 |
| Chrysene | 106 | | 83 | | 40-140 | 24 | | 40 |
| Acenaphthylene | 91 | | 71 | | 40-140 | 25 | | 40 |
| Anthracene | 103 | | 80 | | 40-140 | 25 | | 40 |
| Benzo(ghi)perylene | 97 | | 75 | | 40-140 | 26 | | 40 |
| Fluorene | 104 | | 81 | | 40-140 | 25 | | 40 |
| Phenanthrene | 105 | | 81 | | 40-140 | 26 | | 40 |
| Dibenzo(a,h)anthracene | 106 | | 81 | | 40-140 | 27 | | 40 |
| Indeno(1,2,3-cd)pyrene | 105 | | 80 | | 40-140 | 27 | | 40 |
| Pyrene | 104 | | 80 | | 40-140 | 26 | | 40 |
| 2-Methylnaphthalene | 103 | | 79 | | 40-140 | 26 | | 40 |
| Pentachlorophenol | 80 | | 63 | | 40-140 | 24 | | 40 |
| Hexachlorobenzene | 106 | | 85 | | 40-140 | 22 | | 40 |
| Hexachloroethane | 83 | | 74 | | 40-140 | 11 | | 40 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221971

Report Date: 05/12/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1632945-2 WG1632945-3 | | | | | | | | |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|----------------------|------------------|------|-------------------|------|------------------------|
| 2-Fluorophenol | 75 | | 58 | | 21-120 |
| Phenol-d6 | 62 | | 48 | | 10-120 |
| Nitrobenzene-d5 | 94 | | 75 | | 23-120 |
| 2-Fluorobiphenyl | 84 | | 69 | | 15-120 |
| 2,4,6-Tribromophenol | 121 | Q | 95 | | 10-120 |
| 4-Terphenyl-d14 | 97 | | 79 | | 41-149 |

METALS

Project Name: 100 FERNWOOD**Lab Number:** L2221971**Project Number:** 2221810**Report Date:** 05/12/22**SAMPLE RESULTS**

Lab ID: L2221971-01

Date Collected: 04/27/22 08:40

Client ID: MW-1

Date Received: 04/27/22

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|-------------------------------------|---------|-----------|-------|---------|---------|--------------------|------------------|------------------|----------------|----------------------|---------|
| Total Metals - Mansfield Lab | | | | | | | | | | | |
| Iron, Total | 1.48 | | mg/l | 0.0500 | 0.0191 | 1 | 05/11/22 19:06 | 05/12/22 10:54 | EPA 3005A | 1,6020B | SV |
| Manganese, Total | 0.07581 | | mg/l | 0.00100 | 0.00044 | 1 | 05/11/22 19:06 | 05/12/22 10:54 | EPA 3005A | 1,6020B | SV |



Project Name: 100 FERNWOOD**Lab Number:** L2221971**Project Number:** 2221810**Report Date:** 05/12/22**SAMPLE RESULTS**

Lab ID: L2221971-02

Date Collected: 04/27/22 10:35

Client ID: MWIRM-3

Date Received: 04/27/22

Sample Location: ROCHESTER, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|---------|---------|--------------------|------------------|------------------|----------------|----------------------|---------|
| Total Metals - Mansfield Lab | | | | | | | | | | | |
| Iron, Total | 3.89 | | mg/l | 0.0500 | 0.0191 | 1 | 05/11/22 19:06 | 05/12/22 10:59 | EPA 3005A | 1,6020B | SV |
| Manganese, Total | 0.9622 | | mg/l | 0.00100 | 0.00044 | 1 | 05/11/22 19:06 | 05/12/22 10:59 | EPA 3005A | 1,6020B | SV |



Project Name: 100 FERNWOOD

Lab Number: L2221971

Project Number: 2221810

Report Date: 05/12/22

Method Blank Analysis Batch Quality Control

| Parameter | Result Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|--|------------------|-------|---------|---------|-----------------|----------------|----------------|-------------------|---------|
| Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1637158-1 | | | | | | | | | |
| Iron, Total | ND | mg/l | 0.0500 | 0.0191 | 1 | 05/11/22 19:06 | 05/12/22 09:24 | 1,6020B | SV |
| Manganese, Total | ND | mg/l | 0.00100 | 0.00044 | 1 | 05/11/22 19:06 | 05/12/22 09:24 | 1,6020B | SV |

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221971

Report Date: 05/12/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1637158-2 | | | | | | | | |
| Iron, Total | 110 | | - | | 80-120 | - | | |
| Manganese, Total | 105 | | - | | 80-120 | - | | |

Matrix Spike Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1637158-3 WG1637158-4 QC Sample: L2221773-05 Client ID: MS Sample | | | | | | | | | | | | |
| Iron, Total | 0.407 | 1 | 1.44 | 103 | | 1.48 | 107 | | 75-125 | 3 | | 20 |
| Manganese, Total | 0.06494 | 0.5 | 0.5677 | 100 | | 0.5807 | 103 | | 75-125 | 2 | | 20 |

Project Name: 100 FERNWOOD

Project Number: 2221810

**Lab Serial Dilution
Analysis**
Batch Quality Control

Lab Number: L2221971

Report Date: 05/12/22

| Parameter | Native Sample | Serial Dilution | Units | % D | Qual | RPD Limits |
|--|---------------|-----------------|-------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1637158-6 QC Sample: L2221773-05 Client ID: DUP Sample | | | | | | |
| Manganese, Total | 0.06494 | 0.06741 | mg/l | 4 | | 20 |

INORGANICS & MISCELLANEOUS

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2221971-01
Client ID: MW-1
Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 08:40
Date Received: 04/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|--------|-----------|-------|-------|-------|-----------------|---------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab | | | | | | | | | | |
| Nitrogen, Nitrate | 9.1 | | mg/l | 0.50 | 0.11 | 5 | - | 04/29/22 02:39 | 44,353.2 | KA |
| Anions by Ion Chromatography - Westborough Lab | | | | | | | | | | |
| Chloride | 12.7 | | mg/l | 0.500 | 0.083 | 1 | - | 05/06/22 18:46 | 44,300.0 | AT |
| Sulfate | 36.9 | | mg/l | 1.00 | 0.454 | 1 | - | 05/06/22 18:46 | 44,300.0 | AT |



Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2221971-02
Client ID: MWIRM-3
Sample Location: ROCHESTER, NY

Date Collected: 04/27/22 10:35
Date Received: 04/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|---|--------|-----------|-------|------|-------|-----------------|---------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab | | | | | | | | | | |
| Nitrogen, Nitrate | ND | | mg/l | 0.10 | 0.023 | 1 | - | 04/29/22 02:40 | 44,353.2 | KA |
| Anions by Ion Chromatography - Westborough Lab | | | | | | | | | | |
| Chloride | 74.3 | | mg/l | 5.00 | 0.839 | 10 | - | 05/06/22 22:03 | 44,300.0 | AT |
| Sulfate | 34.6 | | mg/l | 1.00 | 0.454 | 1 | - | 05/06/22 18:57 | 44,300.0 | AT |



Project Name: 100 FERNWOOD

Lab Number: L2221971

Project Number: 2221810

Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

| Parameter | Result Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|--|------------------|-------|-------|-------|-----------------|---------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1632299-1 | | | | | | | | | |
| Nitrogen, Nitrate | ND | mg/l | 0.10 | 0.023 | 1 | - | 04/29/22 02:23 | 44,353.2 | KA |
| Anions by Ion Chromatography - Westborough Lab for sample(s): 01-02 Batch: WG1635604-1 | | | | | | | | | |
| Chloride | ND | mg/l | 0.500 | 0.083 | 1 | - | 05/06/22 16:57 | 44,300.0 | AT |
| Sulfate | ND | mg/l | 1.00 | 0.454 | 1 | - | 05/06/22 16:57 | 44,300.0 | AT |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|------------|
| General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1632299-2 | | | | | | | | |
| Nitrogen, Nitrate | 96 | | - | | 90-110 | - | | |
| Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-02 Batch: WG1635604-2 | | | | | | | | |
| Chloride | 100 | | - | | 90-110 | - | | |
| Sulfate | 100 | | - | | 90-110 | - | | |

Matrix Spike Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1632299-4 QC Sample: L2222120-01 Client ID: MS Sample | | | | | | | | | | | | |
| Nitrogen, Nitrate | 2.0 | 4 | 6.0 | 100 | | - | - | | 83-113 | - | | 6 |
| Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1635604-3 QC Sample: L2220899-10 Client ID: MS Sample | | | | | | | | | | | | |
| Chloride | 2.20 | 4 | 5.81 | 90 | | - | - | | 90-110 | - | | 18 |
| Sulfate | 16.5 | 8 | 23.2 | 84 | Q | - | - | | 90-110 | - | | 20 |

Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2221971

Report Date: 05/12/22

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|--|---------------|------------------|-------|-----|------|------------|
| General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1632299-3 QC Sample: L2222120-01 Client ID: DUP Sample | | | | | | |
| Nitrogen, Nitrate | 2.0 | 2.0 | mg/l | 0 | | 6 |
| Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1635604-4 QC Sample: L2220899-10 Client ID: DUP Sample | | | | | | |
| Chloride | 2.20 | 2.12 | mg/l | 4 | | 18 |
| Sulfate | 16.5 | 16.3 | mg/l | 1 | | 20 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Serial_No:05122215:10
Lab Number: L2221971
Report Date: 05/12/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---------------------|------------------------------|---------------|-------------------|-----------------|-------------------|-------------|-------------|-------------------------|---|
| L2221971-01A | Vial HCl preserved | A | NA | | 2.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221971-01B | Vial HCl preserved | A | NA | | 2.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221971-01C | Vial HCl preserved | A | NA | | 2.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221971-01D | 20ml Vial HCl preserved | A | NA | | 2.3 | Y | Absent | | DISSGAS(14) |
| L2221971-01E | 20ml Vial HCl preserved | A | NA | | 2.3 | Y | Absent | | DISSGAS(14) |
| L2221971-01F | Plastic 250ml unpreserved | A | 7 | 7 | 2.3 | Y | Absent | | SO4-300(28),CL-300(28),NO3-353(2) |
| L2221971-01G | Plastic 250ml HNO3 preserved | A | <2 | <2 | 2.3 | Y | Absent | | FE-6020T(180),MN-6020T(180) |
| L2221971-01H | Amber 250ml unpreserved | A | 7 | 7 | 2.3 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221971-01I | Amber 250ml unpreserved | A | 7 | 7 | 2.3 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221971-02A | Vial HCl preserved | A | NA | | 2.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221971-02B | Vial HCl preserved | A | NA | | 2.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221971-02C | Vial HCl preserved | A | NA | | 2.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221971-02D | 20ml Vial HCl preserved | A | NA | | 2.3 | Y | Absent | | DISSGAS(14) |
| L2221971-02E | 20ml Vial HCl preserved | A | NA | | 2.3 | Y | Absent | | DISSGAS(14) |
| L2221971-02F | Plastic 250ml unpreserved | A | 7 | 7 | 2.3 | Y | Absent | | SO4-300(28),CL-300(28),NO3-353(2) |
| L2221971-02G | Plastic 250ml HNO3 preserved | A | <2 | <2 | 2.3 | Y | Absent | | FE-6020T(180),MN-6020T(180) |
| L2221971-02H | Amber 250ml unpreserved | A | 7 | 7 | 2.3 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221971-02I | Amber 250ml unpreserved | A | 7 | 7 | 2.3 | Y | Absent | | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7) |
| L2221971-03A | Vial HCl preserved | A | NA | | 2.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2221971-03B | Vial HCl preserved | A | NA | | 2.3 | Y | Absent | | NYTCL-8260-R2(14) |

*Values in parentheses indicate holding time in days



Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

GLOSSARY

Acronyms

| | |
|----------|--|
| DL | - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) |
| EDL | - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME). |
| EMPC | - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration. |
| EPA | - Environmental Protection Agency. |
| LCS | - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes. |
| LCSD | - Laboratory Control Sample Duplicate: Refer to LCS. |
| LFB | - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes. |
| LOD | - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) |
| LOQ | - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) |
| MDL | - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. |
| MS | - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values. |
| MSD | - Matrix Spike Sample Duplicate: Refer to MS. |
| NA | - Not Applicable. |
| NC | - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit. |
| NDPA/DPA | - N-Nitrosodiphenylamine/Diphenylamine. |
| NI | - Not Ignitable. |
| NP | - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil. |
| NR | - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests. |
| RL | - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable. |
| RPD | - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report. |
| SRM | - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples. |
| STLP | - Semi-dynamic Tank Leaching Procedure per EPA Method 1315. |
| TEF | - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD. |
| TEQ | - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values. |
| TIC | - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations. |

Report Format: DU Report with 'J' Qualifiers



Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

Footnotes

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

Terms

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

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

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.
- 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.

Report Format: DU Report with 'J' Qualifiers



Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

Data Qualifiers

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2221971
Report Date: 05/12/22

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.
- 117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.

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 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; 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.

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, SM4500CI-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, **LCHAT 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, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

|  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 / | Date Rec'd in Lab | ALPHA Job # | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|----------------------|---|--|-----------------------------|--------------------|-----------------|-----------------|-------------------|--------------------|-----------|-------|-------------------|--------------------------|---------------|------|---------|--------------------------|---------------|-------|--------|---------|------|-------|-------------|---|---|---|---|---|---|---|--|---|--|-----------|---------|-------|-------|-------------|---|---|---|---|---|---|---|--|---|--|--------------|---------|---|-------|---|---|--|--|--|--|--|--|--|---|
| | | of / | 4/28/22 | L2221971 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | Project Information | | Deliverables | Billing Information | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Client Information | | Project Name: 100 Fernwood | | <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other | <input checked="" type="checkbox"/> Same as Client Info PO# 2221810 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Client: LaBella | | Project Location: Rochester, NY | | Regulatory Requirement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: 300 State Street Rochester NY 14614 | | Project # 2221810 | | <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone: 585-454-6110 | | Project Manager: Drew Brantner | | Disposal Site Information | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fax: dbrantner@LaBellaPC.com | | ALPHAQuote #: | | Please identify below location of applicable disposal facilities. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Email: jfolgar@LaBellaPC.com | | Turn-Around Time | | Disposal Facility: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Standard <input checked="" type="checkbox"/> Rush (only if pre approved) <input type="checkbox"/> | | <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Due Date: | | # of Days: | | ANALYSIS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| These samples have been previously analyzed by Alpha <input type="checkbox"/> | | Other project specific requirements/comments: | | <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr> <th>ALPHA Lab ID (Lab Use Only)</th> <th>Sample ID</th> <th>Collection Date</th> <th>Collection Time</th> <th>Sample Matrix</th> <th>Sampler's Initials</th> <th>VOCs</th> <th>SVOCs</th> <th>Nitrate + Sulfate</th> <th>Chloride</th> <th>Manganese</th> <th>Iron</th> <th>Methane</th> <th>Sample Specific Comments</th> <th>Total Bottles</th> </tr> <tr> <td>21971</td> <td>1 MW-1</td> <td>4/27/22</td> <td>8:40</td> <td>water</td> <td>[Signature]</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td></td> <td>9</td> </tr> <tr> <td></td> <td>2 MWIRM-3</td> <td>4/27/22</td> <td>10:35</td> <td>water</td> <td>[Signature]</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td></td> <td>9</td> </tr> <tr> <td></td> <td>3 Trip Blank</td> <td>4/27/22</td> <td>-</td> <td>water</td> <td>-</td> <td>x</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2</td> </tr> </table> | | ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | Sample Matrix | Sampler's Initials | VOCs | SVOCs | Nitrate + Sulfate | Chloride | Manganese | Iron | Methane | Sample Specific Comments | Total Bottles | 21971 | 1 MW-1 | 4/27/22 | 8:40 | water | [Signature] | x | x | x | x | x | x | x | | 9 | | 2 MWIRM-3 | 4/27/22 | 10:35 | water | [Signature] | x | x | x | x | x | x | x | | 9 | | 3 Trip Blank | 4/27/22 | - | water | - | x | | | | | | | | 2 |
| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date | Collection Time | | | Sample Matrix | Sampler's Initials | VOCs | SVOCs | Nitrate + Sulfate | Chloride | Manganese | Iron | Methane | Sample Specific Comments | Total Bottles | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21971 | 1 MW-1 | 4/27/22 | 8:40 | water | [Signature] | x | x | x | x | x | x | x | | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 MWIRM-3 | 4/27/22 | 10:35 | water | [Signature] | x | x | x | x | x | x | x | | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 Trip Blank | 4/27/22 | - | water | - | x | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Please specify Metals or TAL. | | 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.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished By: [Signature] SECURE STORAGE AAL R Cunningham AAL | | Date/Time: 4/27/22 12:00 4/27/22 12:45 4/27/22 12:45 | | Received By: SECURE STORAGE AAL RCunningham AAL [Signature] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Date/Time: 4/27/22 12:00 4/27/22 12:45 4/28/22 0030 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



ANALYTICAL REPORT

| | |
|-----------------|--|
| Lab Number: | L2228655 |
| Client: | LaBella Associates, P.C. 300 State Street Suite 201 Rochester, NY 14614 |
| ATTN: | Drew Brantner |
| Phone: | (607) 280-2628 |
| Project Name: | 100 FERNWOOD |
| Project Number: | 2221810 |
| Report Date: | 06/27/22 |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|----------------------------|------------------|---------------|----------------------------|---------------------------------|---------------------|
| L2228655-01 | OIL-01 | OIL | ROCHESTER, NY 14614 | 06/01/22 09:00 | 06/01/22 |
| L2228655-02 | OIL-02 | OIL | ROCHESTER, NY 14614 | 06/01/22 10:00 | 06/01/22 |
| L2228655-03 | W-01 | WATER | ROCHESTER, NY 14614 | 06/01/22 10:30 | 06/01/22 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

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: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Case Narrative (continued)

Report Submission

June 27, 2022: This final report includes the results of all requested analyses.

June 15, 2022: This is a preliminary report.

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

Sample Receipt

L2228655-01: The analyses of TCLP Semivolatiles, TCLP Pesticides, and TCLP Herbicides could not be performed due to the sample matrix. Total Semivolatile Organics, Pesticides, and Herbicides are reported instead.

L2228655-01 and -02: The analysis of TCLP Volatiles could not be performed due to the sample matrix.

Volatile Organics

L2228655-02: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (146%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

TCLP Semivolatiles

The WG1648992-2 LCS recovery, associated with L2228655-03, is below the acceptance criteria for pyridine (5%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported. The WG1649385-3 LCSD recovery, associated with L2228655-02, is below the acceptance criteria for pyridine (4%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

PCBs

L2228655-01D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Case Narrative (continued)

Pesticides

L2228655-01: The internal standard (IS) response for 1-bromo-2-nitrobenzene (217%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences.

TCLP Metals

L2228655-01 and -02: The sample has an elevated detection limit for mercury due to the prep dilution required by the sample matrix.

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:  Tiffani Morrissey

Title: Technical Director/Representative

Date: 06/27/22

ORGANICS

VOLATILES

Project Name: 100 FERNWOOD

Lab Number: L2228655

Project Number: 2221810

Report Date: 06/27/22

SAMPLE RESULTS

Lab ID: L2228655-01 D2
 Client ID: OIL-01
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 09:00
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Oil
 Analytical Method: 1,8260C
 Analytical Date: 06/14/22 19:40
 Analyst: JC
 Percent Solids: Results reported on an 'AS RECEIVED' basis.

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab | | | | | | |
| Methylene chloride | ND | | ug/kg | 4600 | 2100 | 2 |
| 1,1-Dichloroethane | ND | | ug/kg | 920 | 130 | 2 |
| Chloroform | ND | | ug/kg | 1400 | 130 | 2 |
| Carbon tetrachloride | ND | | ug/kg | 920 | 210 | 2 |
| 1,2-Dichloropropane | ND | | ug/kg | 920 | 110 | 2 |
| Dibromochloromethane | ND | | ug/kg | 920 | 130 | 2 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 920 | 240 | 2 |
| Tetrachloroethene | ND | | ug/kg | 460 | 180 | 2 |
| Chlorobenzene | ND | | ug/kg | 460 | 120 | 2 |
| Trichlorofluoromethane | ND | | ug/kg | 3700 | 640 | 2 |
| 1,2-Dichloroethane | ND | | ug/kg | 920 | 240 | 2 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 460 | 150 | 2 |
| Bromodichloromethane | ND | | ug/kg | 460 | 100 | 2 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 920 | 250 | 2 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 460 | 140 | 2 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 460 | 140 | 2 |
| Bromoform | ND | | ug/kg | 3700 | 220 | 2 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 460 | 150 | 2 |
| Benzene | 4400 | | ug/kg | 460 | 150 | 2 |
| Toluene | 150000 | | ug/kg | 920 | 500 | 2 |
| Ethylbenzene | 72000 | | ug/kg | 920 | 130 | 2 |
| Chloromethane | ND | | ug/kg | 3700 | 860 | 2 |
| Bromomethane | ND | | ug/kg | 1800 | 530 | 2 |
| Vinyl chloride | ND | | ug/kg | 920 | 310 | 2 |
| Chloroethane | ND | | ug/kg | 1800 | 410 | 2 |
| 1,1-Dichloroethene | ND | | ug/kg | 920 | 220 | 2 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 1400 | 120 | 2 |
| Trichloroethene | ND | | ug/kg | 460 | 120 | 2 |

Project Name: 100 FERNWOOD

Lab Number: L2228655

Project Number: 2221810

Report Date: 06/27/22

SAMPLE RESULTS

Lab ID: L2228655-01 D2

Date Collected: 06/01/22 09:00

Client ID: OIL-01

Date Received: 06/01/22

Sample Location: ROCHESTER, NY 14614

Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--|--------|-----------|-------|-------|-------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab | | | | | | |
| 1,2-Dichlorobenzene | ND | | ug/kg | 1800 | 130 | 2 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 1800 | 140 | 2 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 1800 | 160 | 2 |
| Methyl tert butyl ether | ND | | ug/kg | 1800 | 180 | 2 |
| p/m-Xylene | 280000 | | ug/kg | 1800 | 510 | 2 |
| o-Xylene | 130000 | | ug/kg | 920 | 270 | 2 |
| Xylenes, Total | 410000 | | ug/kg | 920 | 270 | 2 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 920 | 160 | 2 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 920 | 120 | 2 |
| Styrene | 1300 | | ug/kg | 920 | 180 | 2 |
| Dichlorodifluoromethane | ND | | ug/kg | 9200 | 840 | 2 |
| Acetone | 12000 | | ug/kg | 9200 | 4400 | 2 |
| Carbon disulfide | ND | | ug/kg | 9200 | 4200 | 2 |
| 2-Butanone | ND | | ug/kg | 9200 | 2000 | 2 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 9200 | 1200 | 2 |
| 2-Hexanone | ND | | ug/kg | 9200 | 1100 | 2 |
| Bromochloromethane | ND | | ug/kg | 1800 | 190 | 2 |
| 1,2-Dibromoethane | ND | | ug/kg | 920 | 260 | 2 |
| n-Butylbenzene | 20000 | | ug/kg | 920 | 150 | 2 |
| sec-Butylbenzene | 6000 | | ug/kg | 920 | 130 | 2 |
| tert-Butylbenzene | ND | | ug/kg | 1800 | 110 | 2 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 2800 | 920 | 2 |
| Isopropylbenzene | 20000 | | ug/kg | 920 | 100 | 2 |
| p-Isopropyltoluene | 3600 | | ug/kg | 920 | 100 | 2 |
| Naphthalene | 120000 | | ug/kg | 3700 | 600 | 2 |
| n-Propylbenzene | 47000 | | ug/kg | 920 | 160 | 2 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 1800 | 300 | 2 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 1800 | 250 | 2 |
| 1,3,5-Trimethylbenzene | 89000 | | ug/kg | 1800 | 180 | 2 |
| 1,2,4-Trimethylbenzene | 380000 | E | ug/kg | 1800 | 310 | 2 |
| Methyl Acetate | ND | | ug/kg | 3700 | 870 | 2 |
| Cyclohexane | 6300 | J | ug/kg | 9200 | 500 | 2 |
| 1,4-Dioxane | ND | | ug/kg | 73000 | 32000 | 2 |
| Freon-113 | ND | | ug/kg | 3700 | 640 | 2 |
| Methyl cyclohexane | 20000 | | ug/kg | 3700 | 550 | 2 |

Project Name: 100 FERNWOOD**Lab Number:** L2228655**Project Number:** 2221810**Report Date:** 06/27/22**SAMPLE RESULTS**

Lab ID: L2228655-01 D2

Date Collected: 06/01/22 09:00

Client ID: OIL-01

Date Received: 06/01/22

Sample Location: ROCHESTER, NY 14614

Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|-----------|--------|-----------|-------|----|-----|-----------------|
|-----------|--------|-----------|-------|----|-----|-----------------|

Volatile Organics by GC/MS - Westborough Lab

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 85 | | 70-130 |
| Toluene-d8 | 107 | | 70-130 |
| 4-Bromofluorobenzene | 116 | | 70-130 |
| Dibromofluoromethane | 82 | | 70-130 |

Project Name: 100 FERNWOOD**Lab Number:** L2228655**Project Number:** 2221810**Report Date:** 06/27/22**SAMPLE RESULTS**

Lab ID: L2228655-01 D

Date Collected: 06/01/22 09:00

Client ID: OIL-01

Date Received: 06/01/22

Sample Location: ROCHESTER, NY 14614

Field Prep: Not Specified

Sample Depth:

Matrix: Oil

Analytical Method: 1,8260C

Analytical Date: 06/14/22 01:18

Analyst: NLK

Percent Solids: Results reported on an 'AS RECEIVED' basis.

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab | | | | | | |
| 1,2,4-Trimethylbenzene | 370000 | | ug/kg | 9200 | 1500 | 10 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 92 | | 70-130 |
| Toluene-d8 | 105 | | 70-130 |
| 4-Bromofluorobenzene | 108 | | 70-130 |
| Dibromofluoromethane | 90 | | 70-130 |

Project Name: 100 FERNWOOD

Lab Number: L2228655

Project Number: 2221810

Report Date: 06/27/22

SAMPLE RESULTS

Lab ID: L2228655-02
 Client ID: OIL-02
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 10:00
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Oil
 Analytical Method: 1,8260C
 Analytical Date: 06/14/22 20:00
 Analyst: JC
 Percent Solids: Results reported on an 'AS RECEIVED' basis.

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab | | | | | | |
| Methylene chloride | ND | | ug/kg | 2300 | 1100 | 1 |
| 1,1-Dichloroethane | ND | | ug/kg | 460 | 67. | 1 |
| Chloroform | ND | | ug/kg | 690 | 65. | 1 |
| Carbon tetrachloride | ND | | ug/kg | 460 | 110 | 1 |
| 1,2-Dichloropropane | ND | | ug/kg | 460 | 58. | 1 |
| Dibromochloromethane | ND | | ug/kg | 460 | 65. | 1 |
| 1,1,2-Trichloroethane | ND | | ug/kg | 460 | 120 | 1 |
| Tetrachloroethene | ND | | ug/kg | 230 | 91. | 1 |
| Chlorobenzene | ND | | ug/kg | 230 | 59. | 1 |
| Trichlorofluoromethane | ND | | ug/kg | 1800 | 320 | 1 |
| 1,2-Dichloroethane | ND | | ug/kg | 460 | 120 | 1 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 230 | 77. | 1 |
| Bromodichloromethane | ND | | ug/kg | 230 | 50. | 1 |
| trans-1,3-Dichloropropene | ND | | ug/kg | 460 | 130 | 1 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 230 | 73. | 1 |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 230 | 73. | 1 |
| Bromoform | ND | | ug/kg | 1800 | 110 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 230 | 77. | 1 |
| Benzene | ND | | ug/kg | 230 | 77. | 1 |
| Toluene | ND | | ug/kg | 460 | 250 | 1 |
| Ethylbenzene | 190 | J | ug/kg | 460 | 65. | 1 |
| Chloromethane | ND | | ug/kg | 1800 | 430 | 1 |
| Bromomethane | ND | | ug/kg | 920 | 270 | 1 |
| Vinyl chloride | ND | | ug/kg | 460 | 160 | 1 |
| Chloroethane | ND | | ug/kg | 920 | 210 | 1 |
| 1,1-Dichloroethene | ND | | ug/kg | 460 | 110 | 1 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 690 | 63. | 1 |
| Trichloroethene | ND | | ug/kg | 230 | 63. | 1 |

Project Name: 100 FERNWOOD

Lab Number: L2228655

Project Number: 2221810

Report Date: 06/27/22

SAMPLE RESULTS

Lab ID: L2228655-02
 Client ID: OIL-02
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 10:00
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--|--------|-----------|-------|-------|-------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab | | | | | | |
| 1,2-Dichlorobenzene | ND | | ug/kg | 920 | 67. | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 920 | 68. | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 920 | 79. | 1 |
| Methyl tert butyl ether | ND | | ug/kg | 920 | 93. | 1 |
| p/m-Xylene | 1600 | | ug/kg | 920 | 260 | 1 |
| o-Xylene | 2700 | | ug/kg | 460 | 130 | 1 |
| Xylenes, Total | 4300 | | ug/kg | 460 | 130 | 1 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 460 | 81. | 1 |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 460 | 63. | 1 |
| Styrene | ND | | ug/kg | 460 | 91. | 1 |
| Dichlorodifluoromethane | ND | | ug/kg | 4600 | 420 | 1 |
| Acetone | ND | | ug/kg | 4600 | 2200 | 1 |
| Carbon disulfide | ND | | ug/kg | 4600 | 2100 | 1 |
| 2-Butanone | ND | | ug/kg | 4600 | 1000 | 1 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 4600 | 590 | 1 |
| 2-Hexanone | ND | | ug/kg | 4600 | 550 | 1 |
| Bromochloromethane | ND | | ug/kg | 920 | 95. | 1 |
| 1,2-Dibromoethane | ND | | ug/kg | 460 | 130 | 1 |
| n-Butylbenzene | ND | | ug/kg | 460 | 77. | 1 |
| sec-Butylbenzene | ND | | ug/kg | 460 | 68. | 1 |
| tert-Butylbenzene | ND | | ug/kg | 920 | 55. | 1 |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 1400 | 460 | 1 |
| Isopropylbenzene | 66 | J | ug/kg | 460 | 50. | 1 |
| p-Isopropyltoluene | 2100 | | ug/kg | 460 | 50. | 1 |
| Naphthalene | 20000 | | ug/kg | 1800 | 300 | 1 |
| n-Propylbenzene | 110 | J | ug/kg | 460 | 79. | 1 |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 920 | 150 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 920 | 120 | 1 |
| 1,3,5-Trimethylbenzene | 14000 | | ug/kg | 920 | 89. | 1 |
| 1,2,4-Trimethylbenzene | 31000 | | ug/kg | 920 | 150 | 1 |
| Methyl Acetate | 460 | J | ug/kg | 1800 | 440 | 1 |
| Cyclohexane | ND | | ug/kg | 4600 | 250 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 37000 | 16000 | 1 |
| Freon-113 | ND | | ug/kg | 1800 | 320 | 1 |
| Methyl cyclohexane | ND | | ug/kg | 1800 | 280 | 1 |

Project Name: 100 FERNWOOD**Lab Number:** L2228655**Project Number:** 2221810**Report Date:** 06/27/22**SAMPLE RESULTS**

Lab ID: L2228655-02

Date Collected: 06/01/22 10:00

Client ID: OIL-02

Date Received: 06/01/22

Sample Location: ROCHESTER, NY 14614

Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|-----------|--------|-----------|-------|----|-----|-----------------|
|-----------|--------|-----------|-------|----|-----|-----------------|

Volatile Organics by GC/MS - Westborough Lab

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 114 | | 70-130 |
| Toluene-d8 | 107 | | 70-130 |
| 4-Bromofluorobenzene | 146 | Q | 70-130 |
| Dibromofluoromethane | 110 | | 70-130 |

Project Name: 100 FERNWOOD**Lab Number:** L2228655**Project Number:** 2221810**Report Date:** 06/27/22**SAMPLE RESULTS**

Lab ID: L2228655-03
 Client ID: W-01
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 10:30
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 06/08/22 07:59
 Analyst: MM

TCLP/SPLP Ext. Date: 06/03/22 10:23

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|--------|-----------|-------|------|------|-----------------|
| TCLP Volatiles by EPA 1311 - Westborough Lab | | | | | | |
| Chloroform | ND | | ug/l | 0.75 | 0.22 | 1 |
| Carbon tetrachloride | ND | | ug/l | 0.50 | 0.13 | 1 |
| Tetrachloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| Chlorobenzene | ND | | ug/l | 0.50 | 0.18 | 1 |
| 1,2-Dichloroethane | ND | | ug/l | 0.50 | 0.13 | 1 |
| Benzene | ND | | ug/l | 0.50 | 0.16 | 1 |
| Vinyl chloride | ND | | ug/l | 1.0 | 0.07 | 1 |
| 1,1-Dichloroethene | ND | | ug/l | 0.50 | 0.17 | 1 |
| Trichloroethene | ND | | ug/l | 0.50 | 0.18 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.5 | 0.19 | 1 |
| 2-Butanone | ND | | ug/l | 5.0 | 1.9 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 110 | | 70-130 |
| Toluene-d8 | 108 | | 70-130 |
| 4-Bromofluorobenzene | 105 | | 70-130 |
| dibromofluoromethane | 110 | | 70-130 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/08/22 06:23
Analyst: MM
TCLP/SPLP Extraction Date: 06/03/22 10:23

Extraction Date: 06/03/22 10:23

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|--------|-----------|-------|------|------|
| TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 03 Batch: WG1648024-5 | | | | | |
| Chloroform | ND | | ug/l | 0.75 | 0.22 |
| Carbon tetrachloride | ND | | ug/l | 0.50 | 0.13 |
| Tetrachloroethene | ND | | ug/l | 0.50 | 0.18 |
| Chlorobenzene | ND | | ug/l | 0.50 | 0.18 |
| 1,2-Dichloroethane | ND | | ug/l | 0.50 | 0.13 |
| Benzene | ND | | ug/l | 0.50 | 0.16 |
| Vinyl chloride | ND | | ug/l | 1.0 | 0.07 |
| 1,1-Dichloroethene | ND | | ug/l | 0.50 | 0.17 |
| Trichloroethene | ND | | ug/l | 0.50 | 0.18 |
| 1,4-Dichlorobenzene | ND | | ug/l | 2.5 | 0.19 |
| 2-Butanone | ND | | ug/l | 5.0 | 1.9 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 107 | | 70-130 |
| Toluene-d8 | 107 | | 70-130 |
| 4-Bromofluorobenzene | 108 | | 70-130 |
| dibromofluoromethane | 107 | | 70-130 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/14/22 19:02
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|--------|-----------|-------|------|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1650739-10 | | | | | |
| Methylene chloride | ND | | ug/kg | 2500 | 1100 |
| 1,1-Dichloroethane | ND | | ug/kg | 500 | 72. |
| Chloroform | ND | | ug/kg | 750 | 70. |
| Carbon tetrachloride | ND | | ug/kg | 500 | 120 |
| 1,2-Dichloropropane | ND | | ug/kg | 500 | 62. |
| Dibromochloromethane | ND | | ug/kg | 500 | 70. |
| 1,1,2-Trichloroethane | ND | | ug/kg | 500 | 130 |
| Tetrachloroethene | ND | | ug/kg | 250 | 98. |
| Chlorobenzene | ND | | ug/kg | 250 | 64. |
| Trichlorofluoromethane | ND | | ug/kg | 2000 | 350 |
| 1,2-Dichloroethane | ND | | ug/kg | 500 | 130 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 250 | 84. |
| Bromodichloromethane | ND | | ug/kg | 250 | 54. |
| trans-1,3-Dichloropropene | ND | | ug/kg | 500 | 140 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 250 | 79. |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 250 | 79. |
| Bromoform | ND | | ug/kg | 2000 | 120 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 250 | 83. |
| Benzene | ND | | ug/kg | 250 | 83. |
| Toluene | ND | | ug/kg | 500 | 270 |
| Ethylbenzene | ND | | ug/kg | 500 | 70. |
| Chloromethane | ND | | ug/kg | 2000 | 470 |
| Bromomethane | ND | | ug/kg | 1000 | 290 |
| Vinyl chloride | ND | | ug/kg | 500 | 170 |
| Chloroethane | ND | | ug/kg | 1000 | 230 |
| 1,1-Dichloroethene | ND | | ug/kg | 500 | 120 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 750 | 68. |
| Trichloroethene | ND | | ug/kg | 250 | 68. |
| 1,2-Dichlorobenzene | ND | | ug/kg | 1000 | 72. |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/14/22 19:02
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|--------|-----------|-------|------|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1650739-10 | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 1000 | 74. |
| 1,4-Dichlorobenzene | ND | | ug/kg | 1000 | 86. |
| Methyl tert butyl ether | ND | | ug/kg | 1000 | 100 |
| p/m-Xylene | ND | | ug/kg | 1000 | 280 |
| o-Xylene | ND | | ug/kg | 500 | 140 |
| Xylenes, Total | ND | | ug/kg | 500 | 140 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 500 | 88. |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 500 | 68. |
| Styrene | ND | | ug/kg | 500 | 98. |
| Dichlorodifluoromethane | ND | | ug/kg | 5000 | 460 |
| Acetone | ND | | ug/kg | 5000 | 2400 |
| Carbon disulfide | ND | | ug/kg | 5000 | 2300 |
| 2-Butanone | ND | | ug/kg | 5000 | 1100 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 5000 | 640 |
| 2-Hexanone | ND | | ug/kg | 5000 | 590 |
| Bromochloromethane | ND | | ug/kg | 1000 | 100 |
| 1,2-Dibromoethane | ND | | ug/kg | 500 | 140 |
| n-Butylbenzene | ND | | ug/kg | 500 | 84. |
| sec-Butylbenzene | ND | | ug/kg | 500 | 73. |
| tert-Butylbenzene | ND | | ug/kg | 1000 | 59. |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 1500 | 500 |
| Isopropylbenzene | ND | | ug/kg | 500 | 54. |
| p-Isopropyltoluene | ND | | ug/kg | 500 | 54. |
| Naphthalene | ND | | ug/kg | 2000 | 320 |
| n-Propylbenzene | ND | | ug/kg | 500 | 86. |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 1000 | 160 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 1000 | 140 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 1000 | 96. |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 1000 | 170 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/14/22 19:02
 Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|--------|-----------|-------|-------|-------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1650739-10 | | | | | |
| Methyl Acetate | ND | | ug/kg | 2000 | 480 |
| Cyclohexane | ND | | ug/kg | 5000 | 270 |
| 1,4-Dioxane | ND | | ug/kg | 40000 | 18000 |
| Freon-113 | ND | | ug/kg | 2000 | 350 |
| Methyl cyclohexane | ND | | ug/kg | 2000 | 300 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|------------------------|
| 1,2-Dichloroethane-d4 | 95 | | 70-130 |
| Toluene-d8 | 103 | | 70-130 |
| 4-Bromofluorobenzene | 107 | | 70-130 |
| Dibromofluoromethane | 91 | | 70-130 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/13/22 18:09
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|--------|-----------|-------|------|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1650739-5 | | | | | |
| Methylene chloride | ND | | ug/kg | 2500 | 1100 |
| 1,1-Dichloroethane | ND | | ug/kg | 500 | 72. |
| Chloroform | ND | | ug/kg | 750 | 70. |
| Carbon tetrachloride | ND | | ug/kg | 500 | 120 |
| 1,2-Dichloropropane | ND | | ug/kg | 500 | 62. |
| Dibromochloromethane | ND | | ug/kg | 500 | 70. |
| 1,1,2-Trichloroethane | ND | | ug/kg | 500 | 130 |
| Tetrachloroethene | ND | | ug/kg | 250 | 98. |
| Chlorobenzene | ND | | ug/kg | 250 | 64. |
| Trichlorofluoromethane | ND | | ug/kg | 2000 | 350 |
| 1,2-Dichloroethane | ND | | ug/kg | 500 | 130 |
| 1,1,1-Trichloroethane | ND | | ug/kg | 250 | 84. |
| Bromodichloromethane | ND | | ug/kg | 250 | 54. |
| trans-1,3-Dichloropropene | ND | | ug/kg | 500 | 140 |
| cis-1,3-Dichloropropene | ND | | ug/kg | 250 | 79. |
| 1,3-Dichloropropene, Total | ND | | ug/kg | 250 | 79. |
| Bromoform | ND | | ug/kg | 2000 | 120 |
| 1,1,2,2-Tetrachloroethane | ND | | ug/kg | 250 | 83. |
| Benzene | ND | | ug/kg | 250 | 83. |
| Toluene | ND | | ug/kg | 500 | 270 |
| Ethylbenzene | ND | | ug/kg | 500 | 70. |
| Chloromethane | ND | | ug/kg | 2000 | 470 |
| Bromomethane | ND | | ug/kg | 1000 | 290 |
| Vinyl chloride | ND | | ug/kg | 500 | 170 |
| Chloroethane | ND | | ug/kg | 1000 | 230 |
| 1,1-Dichloroethene | ND | | ug/kg | 500 | 120 |
| trans-1,2-Dichloroethene | ND | | ug/kg | 750 | 68. |
| Trichloroethene | ND | | ug/kg | 250 | 68. |
| 1,2-Dichlorobenzene | ND | | ug/kg | 1000 | 72. |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/13/22 18:09
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|--------|-----------|-------|------|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1650739-5 | | | | | |
| 1,3-Dichlorobenzene | ND | | ug/kg | 1000 | 74. |
| 1,4-Dichlorobenzene | ND | | ug/kg | 1000 | 86. |
| Methyl tert butyl ether | ND | | ug/kg | 1000 | 100 |
| p/m-Xylene | ND | | ug/kg | 1000 | 280 |
| o-Xylene | ND | | ug/kg | 500 | 140 |
| Xylenes, Total | ND | | ug/kg | 500 | 140 |
| cis-1,2-Dichloroethene | ND | | ug/kg | 500 | 88. |
| 1,2-Dichloroethene, Total | ND | | ug/kg | 500 | 68. |
| Styrene | ND | | ug/kg | 500 | 98. |
| Dichlorodifluoromethane | ND | | ug/kg | 5000 | 460 |
| Acetone | ND | | ug/kg | 5000 | 2400 |
| Carbon disulfide | ND | | ug/kg | 5000 | 2300 |
| 2-Butanone | ND | | ug/kg | 5000 | 1100 |
| 4-Methyl-2-pentanone | ND | | ug/kg | 5000 | 640 |
| 2-Hexanone | ND | | ug/kg | 5000 | 590 |
| Bromochloromethane | ND | | ug/kg | 1000 | 100 |
| 1,2-Dibromoethane | ND | | ug/kg | 500 | 140 |
| n-Butylbenzene | ND | | ug/kg | 500 | 84. |
| sec-Butylbenzene | ND | | ug/kg | 500 | 73. |
| tert-Butylbenzene | ND | | ug/kg | 1000 | 59. |
| 1,2-Dibromo-3-chloropropane | ND | | ug/kg | 1500 | 500 |
| Isopropylbenzene | ND | | ug/kg | 500 | 54. |
| p-Isopropyltoluene | ND | | ug/kg | 500 | 54. |
| Naphthalene | ND | | ug/kg | 2000 | 320 |
| n-Propylbenzene | ND | | ug/kg | 500 | 86. |
| 1,2,3-Trichlorobenzene | ND | | ug/kg | 1000 | 160 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 1000 | 140 |
| 1,3,5-Trimethylbenzene | ND | | ug/kg | 1000 | 96. |
| 1,2,4-Trimethylbenzene | ND | | ug/kg | 1000 | 170 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/13/22 18:09
Analyst: AJK

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|--------|-----------|-------|-------|-------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1650739-5 | | | | | |
| Methyl Acetate | ND | | ug/kg | 2000 | 480 |
| Cyclohexane | ND | | ug/kg | 5000 | 270 |
| 1,4-Dioxane | ND | | ug/kg | 40000 | 18000 |
| Freon-113 | ND | | ug/kg | 2000 | 350 |
| Methyl cyclohexane | ND | | ug/kg | 2000 | 300 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|------------------------|
| 1,2-Dichloroethane-d4 | 101 | | 70-130 |
| Toluene-d8 | 104 | | 70-130 |
| 4-Bromofluorobenzene | 108 | | 70-130 |
| Dibromofluoromethane | 92 | | 70-130 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2228655

Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|--|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 03 Batch: WG1648024-3 WG1648024-4 | | | | | | | | |
| Chloroform | 120 | | 120 | | 70-130 | 0 | | 20 |
| Carbon tetrachloride | 90 | | 90 | | 63-132 | 0 | | 20 |
| Tetrachloroethene | 110 | | 100 | | 70-130 | 10 | | 20 |
| Chlorobenzene | 100 | | 110 | | 75-130 | 10 | | 25 |
| 1,2-Dichloroethane | 100 | | 100 | | 70-130 | 0 | | 20 |
| Benzene | 110 | | 110 | | 70-130 | 0 | | 25 |
| Vinyl chloride | 86 | | 88 | | 55-140 | 2 | | 20 |
| 1,1-Dichloroethene | 100 | | 110 | | 61-145 | 10 | | 25 |
| Trichloroethene | 110 | | 110 | | 70-130 | 0 | | 25 |
| 1,4-Dichlorobenzene | 98 | | 100 | | 70-130 | 2 | | 20 |
| 2-Butanone | 100 | | 110 | | 63-138 | 10 | | 20 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|-----------------------|------------------|------|-------------------|------|------------------------|
| 1,2-Dichloroethane-d4 | 101 | | 101 | | 70-130 |
| Toluene-d8 | 110 | | 111 | | 70-130 |
| 4-Bromofluorobenzene | 98 | | 99 | | 70-130 |
| dibromofluoromethane | 101 | | 99 | | 70-130 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2228655

Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|--|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1650739-3 WG1650739-4 | | | | | | | | |
| Methylene chloride | 89 | | 85 | | 70-130 | 5 | | 30 |
| 1,1-Dichloroethane | 92 | | 87 | | 70-130 | 6 | | 30 |
| Chloroform | 86 | | 81 | | 70-130 | 6 | | 30 |
| Carbon tetrachloride | 83 | | 78 | | 70-130 | 6 | | 30 |
| 1,2-Dichloropropane | 99 | | 95 | | 70-130 | 4 | | 30 |
| Dibromochloromethane | 89 | | 87 | | 70-130 | 2 | | 30 |
| 1,1,2-Trichloroethane | 99 | | 96 | | 70-130 | 3 | | 30 |
| Tetrachloroethene | 92 | | 86 | | 70-130 | 7 | | 30 |
| Chlorobenzene | 91 | | 87 | | 70-130 | 4 | | 30 |
| Trichlorofluoromethane | 85 | | 76 | | 70-139 | 11 | | 30 |
| 1,2-Dichloroethane | 87 | | 84 | | 70-130 | 4 | | 30 |
| 1,1,1-Trichloroethane | 87 | | 82 | | 70-130 | 6 | | 30 |
| Bromodichloromethane | 87 | | 82 | | 70-130 | 6 | | 30 |
| trans-1,3-Dichloropropene | 97 | | 94 | | 70-130 | 3 | | 30 |
| cis-1,3-Dichloropropene | 98 | | 94 | | 70-130 | 4 | | 30 |
| Bromoform | 82 | | 80 | | 70-130 | 2 | | 30 |
| 1,1,2,2-Tetrachloroethane | 102 | | 102 | | 70-130 | 0 | | 30 |
| Benzene | 97 | | 92 | | 70-130 | 5 | | 30 |
| Toluene | 94 | | 89 | | 70-130 | 5 | | 30 |
| Ethylbenzene | 95 | | 90 | | 70-130 | 5 | | 30 |
| Chloromethane | 103 | | 98 | | 52-130 | 5 | | 30 |
| Bromomethane | 110 | | 96 | | 57-147 | 14 | | 30 |
| Vinyl chloride | 106 | | 96 | | 67-130 | 10 | | 30 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2228655

Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|--|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1650739-3 WG1650739-4 | | | | | | | | |
| Chloroethane | 105 | | 96 | | 50-151 | 9 | | 30 |
| 1,1-Dichloroethene | 87 | | 81 | | 65-135 | 7 | | 30 |
| trans-1,2-Dichloroethene | 87 | | 83 | | 70-130 | 5 | | 30 |
| Trichloroethene | 96 | | 91 | | 70-130 | 5 | | 30 |
| 1,2-Dichlorobenzene | 92 | | 89 | | 70-130 | 3 | | 30 |
| 1,3-Dichlorobenzene | 93 | | 91 | | 70-130 | 2 | | 30 |
| 1,4-Dichlorobenzene | 93 | | 89 | | 70-130 | 4 | | 30 |
| Methyl tert butyl ether | 97 | | 96 | | 66-130 | 1 | | 30 |
| p/m-Xylene | 92 | | 87 | | 70-130 | 6 | | 30 |
| o-Xylene | 92 | | 86 | | 70-130 | 7 | | 30 |
| cis-1,2-Dichloroethene | 85 | | 81 | | 70-130 | 5 | | 30 |
| Styrene | 90 | | 86 | | 70-130 | 5 | | 30 |
| Dichlorodifluoromethane | 90 | | 84 | | 30-146 | 7 | | 30 |
| Acetone | 94 | | 97 | | 54-140 | 3 | | 30 |
| Carbon disulfide | 100 | | 90 | | 59-130 | 11 | | 30 |
| 2-Butanone | 83 | | 83 | | 70-130 | 0 | | 30 |
| 4-Methyl-2-pentanone | 86 | | 89 | | 70-130 | 3 | | 30 |
| 2-Hexanone | 74 | | 78 | | 70-130 | 5 | | 30 |
| Bromochloromethane | 81 | | 79 | | 70-130 | 3 | | 30 |
| 1,2-Dibromoethane | 93 | | 91 | | 70-130 | 2 | | 30 |
| n-Butylbenzene | 111 | | 106 | | 70-130 | 5 | | 30 |
| sec-Butylbenzene | 103 | | 98 | | 70-130 | 5 | | 30 |
| tert-Butylbenzene | 97 | | 92 | | 70-130 | 5 | | 30 |

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

| Parameter | LCS | | LCSD | | %Recovery Limits | RPD | RPD | |
|--|-----------|------|-----------|------|------------------|-----|------|--------|
| | %Recovery | Qual | %Recovery | Qual | | | Qual | Limits |
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1650739-3 WG1650739-4 | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | 77 | | 80 | | 68-130 | 4 | | 30 |
| Isopropylbenzene | 100 | | 95 | | 70-130 | 5 | | 30 |
| p-Isopropyltoluene | 101 | | 96 | | 70-130 | 5 | | 30 |
| Naphthalene | 85 | | 85 | | 70-130 | 0 | | 30 |
| n-Propylbenzene | 104 | | 99 | | 70-130 | 5 | | 30 |
| 1,2,3-Trichlorobenzene | 90 | | 90 | | 70-130 | 0 | | 30 |
| 1,2,4-Trichlorobenzene | 95 | | 93 | | 70-130 | 2 | | 30 |
| 1,3,5-Trimethylbenzene | 101 | | 98 | | 70-130 | 3 | | 30 |
| 1,2,4-Trimethylbenzene | 102 | | 98 | | 70-130 | 4 | | 30 |
| Methyl Acetate | 81 | | 80 | | 51-146 | 1 | | 30 |
| Cyclohexane | 98 | | 93 | | 59-142 | 5 | | 30 |
| 1,4-Dioxane | 77 | | 77 | | 65-136 | 0 | | 30 |
| Freon-113 | 91 | | 82 | | 50-139 | 10 | | 30 |
| Methyl cyclohexane | 101 | | 95 | | 70-130 | 6 | | 30 |

| Surrogate | LCS | | LCSD | | Acceptance Criteria |
|-----------------------|-----------|------|-----------|------|---------------------|
| | %Recovery | Qual | %Recovery | Qual | |
| 1,2-Dichloroethane-d4 | 94 | | 93 | | 70-130 |
| Toluene-d8 | 104 | | 105 | | 70-130 |
| 4-Bromofluorobenzene | 107 | | 108 | | 70-130 |
| Dibromofluoromethane | 92 | | 90 | | 70-130 |



Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2228655

Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1650739-8 WG1650739-9 | | | | | | | | |
| Methylene chloride | 87 | | 80 | | 70-130 | 8 | | 30 |
| 1,1-Dichloroethane | 91 | | 83 | | 70-130 | 9 | | 30 |
| Chloroform | 83 | | 78 | | 70-130 | 6 | | 30 |
| Carbon tetrachloride | 83 | | 75 | | 70-130 | 10 | | 30 |
| 1,2-Dichloropropane | 97 | | 91 | | 70-130 | 6 | | 30 |
| Dibromochloromethane | 86 | | 84 | | 70-130 | 2 | | 30 |
| 1,1,2-Trichloroethane | 93 | | 92 | | 70-130 | 1 | | 30 |
| Tetrachloroethene | 94 | | 87 | | 70-130 | 8 | | 30 |
| Chlorobenzene | 92 | | 85 | | 70-130 | 8 | | 30 |
| Trichlorofluoromethane | 78 | | 69 | Q | 70-139 | 12 | | 30 |
| 1,2-Dichloroethane | 80 | | 77 | | 70-130 | 4 | | 30 |
| 1,1,1-Trichloroethane | 87 | | 78 | | 70-130 | 11 | | 30 |
| Bromodichloromethane | 82 | | 78 | | 70-130 | 5 | | 30 |
| trans-1,3-Dichloropropene | 94 | | 92 | | 70-130 | 2 | | 30 |
| cis-1,3-Dichloropropene | 95 | | 90 | | 70-130 | 5 | | 30 |
| Bromoform | 78 | | 80 | | 70-130 | 3 | | 30 |
| 1,1,2,2-Tetrachloroethane | 95 | | 98 | | 70-130 | 3 | | 30 |
| Benzene | 97 | | 89 | | 70-130 | 9 | | 30 |
| Toluene | 96 | | 89 | | 70-130 | 8 | | 30 |
| Ethylbenzene | 97 | | 89 | | 70-130 | 9 | | 30 |
| Chloromethane | 103 | | 93 | | 52-130 | 10 | | 30 |
| Bromomethane | 97 | | 85 | | 57-147 | 13 | | 30 |
| Vinyl chloride | 100 | | 88 | | 67-130 | 13 | | 30 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Lab Number: L2228655

Project Number: 2221810

Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1650739-8 WG1650739-9 | | | | | | | | |
| Chloroethane | 96 | | 86 | | 50-151 | 11 | | 30 |
| 1,1-Dichloroethene | 83 | | 74 | | 65-135 | 11 | | 30 |
| trans-1,2-Dichloroethene | 89 | | 82 | | 70-130 | 8 | | 30 |
| Trichloroethene | 94 | | 88 | | 70-130 | 7 | | 30 |
| 1,2-Dichlorobenzene | 92 | | 87 | | 70-130 | 6 | | 30 |
| 1,3-Dichlorobenzene | 95 | | 88 | | 70-130 | 8 | | 30 |
| 1,4-Dichlorobenzene | 94 | | 87 | | 70-130 | 8 | | 30 |
| Methyl tert butyl ether | 93 | | 94 | | 66-130 | 1 | | 30 |
| p/m-Xylene | 94 | | 87 | | 70-130 | 8 | | 30 |
| o-Xylene | 93 | | 86 | | 70-130 | 8 | | 30 |
| cis-1,2-Dichloroethene | 86 | | 79 | | 70-130 | 8 | | 30 |
| Styrene | 90 | | 84 | | 70-130 | 7 | | 30 |
| Dichlorodifluoromethane | 89 | | 79 | | 30-146 | 12 | | 30 |
| Acetone | 80 | | 87 | | 54-140 | 8 | | 30 |
| Carbon disulfide | 92 | | 83 | | 59-130 | 10 | | 30 |
| 2-Butanone | 74 | | 79 | | 70-130 | 7 | | 30 |
| 4-Methyl-2-pentanone | 82 | | 90 | | 70-130 | 9 | | 30 |
| 2-Hexanone | 68 | Q | 75 | | 70-130 | 10 | | 30 |
| Bromochloromethane | 80 | | 76 | | 70-130 | 5 | | 30 |
| 1,2-Dibromoethane | 89 | | 88 | | 70-130 | 1 | | 30 |
| n-Butylbenzene | 114 | | 103 | | 70-130 | 10 | | 30 |
| sec-Butylbenzene | 107 | | 98 | | 70-130 | 9 | | 30 |
| tert-Butylbenzene | 102 | | 93 | | 70-130 | 9 | | 30 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2228655

Report Date: 06/27/22

| Parameter | LCS | | LCSD | | %Recovery Limits | RPD | RPD | |
|---|-----------|------|-----------|------|------------------|-----|------|--------|
| | %Recovery | Qual | %Recovery | Qual | | | Qual | Limits |
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1650739-8 WG1650739-9 | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | 74 | | 79 | | 68-130 | 7 | | 30 |
| Isopropylbenzene | 105 | | 96 | | 70-130 | 9 | | 30 |
| p-Isopropyltoluene | 106 | | 96 | | 70-130 | 10 | | 30 |
| Naphthalene | 87 | | 88 | | 70-130 | 1 | | 30 |
| n-Propylbenzene | 108 | | 98 | | 70-130 | 10 | | 30 |
| 1,2,3-Trichlorobenzene | 92 | | 89 | | 70-130 | 3 | | 30 |
| 1,2,4-Trichlorobenzene | 98 | | 92 | | 70-130 | 6 | | 30 |
| 1,3,5-Trimethylbenzene | 105 | | 96 | | 70-130 | 9 | | 30 |
| 1,2,4-Trimethylbenzene | 106 | | 97 | | 70-130 | 9 | | 30 |
| Methyl Acetate | 71 | | 75 | | 51-146 | 5 | | 30 |
| Cyclohexane | 104 | | 94 | | 59-142 | 10 | | 30 |
| 1,4-Dioxane | 72 | | 78 | | 65-136 | 8 | | 30 |
| Freon-113 | 85 | | 77 | | 50-139 | 10 | | 30 |
| Methyl cyclohexane | 105 | | 95 | | 70-130 | 10 | | 30 |

| Surrogate | LCS | | LCSD | | Acceptance Criteria |
|-----------------------|-----------|------|-----------|------|---------------------|
| | %Recovery | Qual | %Recovery | Qual | |
| 1,2-Dichloroethane-d4 | 84 | | 87 | | 70-130 |
| Toluene-d8 | 106 | | 106 | | 70-130 |
| 4-Bromofluorobenzene | 110 | | 111 | | 70-130 |
| Dibromofluoromethane | 87 | | 87 | | 70-130 |

SEMIVOLATILES

Project Name: 100 FERNWOOD

Lab Number: L2228655

Project Number: 2221810

Report Date: 06/27/22

SAMPLE RESULTS

Lab ID: L2228655-01
 Client ID: OIL-01
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 09:00
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Oil
 Analytical Method: 1,8270D
 Analytical Date: 06/14/22 05:35
 Analyst: JG
 Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3580A
 Extraction Date: 06/13/22 01:04

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|--------|-----------|-------|--------|-------|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab | | | | | | |
| Acenaphthene | ND | | ug/kg | 38000 | 4900 | 1 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 47000 | 5400 | 1 |
| Hexachlorobenzene | ND | | ug/kg | 28000 | 5300 | 1 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 42000 | 6400 | 1 |
| 2-Chloronaphthalene | ND | | ug/kg | 47000 | 4700 | 1 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 47000 | 8500 | 1 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 47000 | 8100 | 1 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 47000 | 8200 | 1 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 47000 | 12000 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 47000 | 9400 | 1 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 47000 | 8100 | 1 |
| Fluoranthene | 7700 | J | ug/kg | 28000 | 5400 | 1 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 47000 | 5000 | 1 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 47000 | 7200 | 1 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 57000 | 8100 | 1 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 51000 | 4700 | 1 |
| Hexachlorobutadiene | ND | | ug/kg | 47000 | 6900 | 1 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 140000 | 43000 | 1 |
| Hexachloroethane | ND | | ug/kg | 38000 | 7600 | 1 |
| Isophorone | ND | | ug/kg | 42000 | 6100 | 1 |
| Naphthalene | 120000 | | ug/kg | 47000 | 5800 | 1 |
| Nitrobenzene | ND | | ug/kg | 42000 | 7000 | 1 |
| NDPA/DPA | ND | | ug/kg | 38000 | 5400 | 1 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 47000 | 7300 | 1 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 47000 | 16000 | 1 |
| Butyl benzyl phthalate | ND | | ug/kg | 47000 | 12000 | 1 |
| Di-n-butylphthalate | ND | | ug/kg | 47000 | 9000 | 1 |
| Di-n-octylphthalate | ND | | ug/kg | 47000 | 16000 | 1 |

Project Name: 100 FERNWOOD

Lab Number: L2228655

Project Number: 2221810

Report Date: 06/27/22

SAMPLE RESULTS

Lab ID: L2228655-01
 Client ID: OIL-01
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 09:00
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--|--------|-----------|-------|--------|-------|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab | | | | | | |
| Diethyl phthalate | ND | | ug/kg | 47000 | 4400 | 1 |
| Dimethyl phthalate | ND | | ug/kg | 47000 | 9900 | 1 |
| Benzo(a)anthracene | 13000 | J | ug/kg | 28000 | 5300 | 1 |
| Benzo(a)pyrene | ND | | ug/kg | 38000 | 12000 | 1 |
| Benzo(b)fluoranthene | ND | | ug/kg | 28000 | 8000 | 1 |
| Benzo(k)fluoranthene | ND | | ug/kg | 28000 | 7600 | 1 |
| Chrysene | 7800 | J | ug/kg | 28000 | 4900 | 1 |
| Acenaphthylene | ND | | ug/kg | 38000 | 7300 | 1 |
| Anthracene | 11000 | J | ug/kg | 28000 | 9200 | 1 |
| Benzo(ghi)perylene | 9600 | J | ug/kg | 38000 | 5600 | 1 |
| Fluorene | 9900 | J | ug/kg | 47000 | 4600 | 1 |
| Phenanthrene | 27000 | J | ug/kg | 28000 | 5700 | 1 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 28000 | 5400 | 1 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 38000 | 6600 | 1 |
| Pyrene | 20000 | J | ug/kg | 28000 | 4700 | 1 |
| Biphenyl | ND | | ug/kg | 110000 | 6100 | 1 |
| 4-Chloroaniline | ND | | ug/kg | 47000 | 8600 | 1 |
| 2-Nitroaniline | ND | | ug/kg | 47000 | 9100 | 1 |
| 3-Nitroaniline | ND | | ug/kg | 47000 | 8900 | 1 |
| 4-Nitroaniline | ND | | ug/kg | 47000 | 20000 | 1 |
| Dibenzofuran | ND | | ug/kg | 47000 | 4500 | 1 |
| 2-Methylnaphthalene | 170000 | | ug/kg | 57000 | 5700 | 1 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 47000 | 4900 | 1 |
| Acetophenone | ND | | ug/kg | 47000 | 5800 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 28000 | 9000 | 1 |
| p-Chloro-m-cresol | ND | | ug/kg | 47000 | 7000 | 1 |
| 2-Chlorophenol | ND | | ug/kg | 47000 | 5600 | 1 |
| 2,4-Dichlorophenol | ND | | ug/kg | 42000 | 7600 | 1 |
| 2,4-Dimethylphenol | ND | | ug/kg | 47000 | 16000 | 1 |
| 2-Nitrophenol | ND | | ug/kg | 100000 | 18000 | 1 |
| 4-Nitrophenol | ND | | ug/kg | 66000 | 19000 | 1 |
| 2,4-Dinitrophenol | ND | | ug/kg | 230000 | 22000 | 1 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 120000 | 23000 | 1 |
| Pentachlorophenol | ND | | ug/kg | 38000 | 10000 | 1 |
| Phenol | ND | | ug/kg | 47000 | 7100 | 1 |
| 2-Methylphenol | ND | | ug/kg | 47000 | 7300 | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 68000 | 7400 | 1 |

Project Name: 100 FERNWOOD**Lab Number:** L2228655**Project Number:** 2221810**Report Date:** 06/27/22**SAMPLE RESULTS**

Lab ID: L2228655-01

Date Collected: 06/01/22 09:00

Client ID: OIL-01

Date Received: 06/01/22

Sample Location: ROCHESTER, NY 14614

Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--|--------|-----------|-------|--------|-------|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab | | | | | | |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 47000 | 9000 | 1 |
| Benzoic Acid | ND | | ug/kg | 150000 | 48000 | 1 |
| Benzyl Alcohol | ND | | ug/kg | 47000 | 14000 | 1 |
| Carbazole | ND | | ug/kg | 47000 | 4600 | 1 |
| 1,4-Dioxane | ND | | ug/kg | 7100 | 2200 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol | 108 | | 25-120 |
| Phenol-d6 | 104 | | 10-120 |
| Nitrobenzene-d5 | 95 | | 23-120 |
| 2-Fluorobiphenyl | 102 | | 30-120 |
| 2,4,6-Tribromophenol | 104 | | 10-136 |
| 4-Terphenyl-d14 | 96 | | 18-120 |

Project Name: 100 FERNWOOD**Lab Number:** L2228655**Project Number:** 2221810**Report Date:** 06/27/22**SAMPLE RESULTS**

Lab ID: L2228655-02
 Client ID: OIL-02
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 10:00
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Oil
 Analytical Method: 1,8270D
 Analytical Date: 06/13/22 16:55
 Analyst: SLR
 Percent Solids: Results reported on an 'AS RECEIVED' basis.
 TCLP/SPLP Ext. Date: 06/05/22 15:01

Extraction Method: EPA 3510C
 Extraction Date: 06/11/22 07:52

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|--------|-----------|-------|----|-----|-----------------|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab | | | | | | |
| Hexachlorobenzene | ND | | ug/l | 10 | 3.4 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 25 | 1.9 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 10 | 3.0 | 1 |
| Hexachloroethane | ND | | ug/l | 10 | 2.2 | 1 |
| Nitrobenzene | ND | | ug/l | 10 | 3.3 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 25 | 2.5 | 1 |
| Pentachlorophenol | ND | | ug/l | 50 | 9.8 | 1 |
| 2-Methylphenol | ND | | ug/l | 25 | 5.5 | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 25 | 2.8 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 25 | 1.9 | 1 |
| Pyridine | ND | | ug/l | 18 | 4.5 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol | 76 | | 21-120 |
| Phenol-d6 | 74 | | 10-120 |
| Nitrobenzene-d5 | 81 | | 23-120 |
| 2-Fluorobiphenyl | 72 | | 15-120 |
| 2,4,6-Tribromophenol | 84 | | 10-120 |
| 4-Terphenyl-d14 | 75 | | 33-120 |

Project Name: 100 FERNWOOD**Lab Number:** L2228655**Project Number:** 2221810**Report Date:** 06/27/22**SAMPLE RESULTS**

Lab ID: L2228655-03
 Client ID: W-01
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 10:30
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 06/13/22 17:19
 Analyst: SLR

Extraction Method: EPA 3510C
 Extraction Date: 06/10/22 09:04

TCLP/SPLP Ext. Date: 06/05/22 12:00

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|---|--------|-----------|-------|----|-----|-----------------|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab | | | | | | |
| Hexachlorobenzene | ND | | ug/l | 10 | 3.4 | 1 |
| 2,4-Dinitrotoluene | ND | | ug/l | 25 | 1.9 | 1 |
| Hexachlorobutadiene | ND | | ug/l | 10 | 3.0 | 1 |
| Hexachloroethane | ND | | ug/l | 10 | 2.2 | 1 |
| Nitrobenzene | ND | | ug/l | 10 | 3.3 | 1 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 25 | 2.5 | 1 |
| Pentachlorophenol | ND | | ug/l | 50 | 9.8 | 1 |
| 2-Methylphenol | ND | | ug/l | 25 | 5.5 | 1 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 25 | 2.8 | 1 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 25 | 1.9 | 1 |
| Pyridine | ND | | ug/l | 18 | 4.5 | 1 |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol | 66 | | 21-120 |
| Phenol-d6 | 63 | | 10-120 |
| Nitrobenzene-d5 | 70 | | 23-120 |
| 2-Fluorobiphenyl | 69 | | 15-120 |
| 2,4,6-Tribromophenol | 75 | | 10-120 |
| 4-Terphenyl-d14 | 72 | | 33-120 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 06/13/22 12:31
Analyst: SLR
TCLP/SPLP Extraction Date: 06/05/22 12:00

Extraction Method: EPA 3510C
Extraction Date: 06/10/22 09:04

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|--------|-----------|-------|----|-----|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 03 Batch: WG1648992-1 | | | | | |
| Hexachlorobenzene | ND | | ug/l | 10 | 3.4 |
| 2,4-Dinitrotoluene | ND | | ug/l | 25 | 1.9 |
| Hexachlorobutadiene | ND | | ug/l | 10 | 3.0 |
| Hexachloroethane | ND | | ug/l | 10 | 2.2 |
| Nitrobenzene | ND | | ug/l | 10 | 3.3 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 25 | 2.5 |
| Pentachlorophenol | ND | | ug/l | 50 | 9.8 |
| 2-Methylphenol | ND | | ug/l | 25 | 5.5 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 25 | 2.8 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 25 | 1.9 |
| Pyridine | ND | | ug/l | 18 | 4.5 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|----------------------|-----------|-----------|------------------------|
| 2-Fluorophenol | 57 | | 21-120 |
| Phenol-d6 | 50 | | 10-120 |
| Nitrobenzene-d5 | 54 | | 23-120 |
| 2-Fluorobiphenyl | 62 | | 15-120 |
| 2,4,6-Tribromophenol | 58 | | 10-120 |
| 4-Terphenyl-d14 | 61 | | 33-120 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 06/13/22 13:43
Analyst: SLR
TCLP/SPLP Extraction Date: 06/05/22 15:01

Extraction Method: EPA 3510C
Extraction Date: 06/11/22 07:52

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|--------|-----------|-------|----|-----|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 02 Batch: WG1649385-1 | | | | | |
| Hexachlorobenzene | ND | | ug/l | 10 | 3.4 |
| 2,4-Dinitrotoluene | ND | | ug/l | 25 | 1.9 |
| Hexachlorobutadiene | ND | | ug/l | 10 | 3.0 |
| Hexachloroethane | ND | | ug/l | 10 | 2.2 |
| Nitrobenzene | ND | | ug/l | 10 | 3.3 |
| 2,4,6-Trichlorophenol | ND | | ug/l | 25 | 2.5 |
| Pentachlorophenol | ND | | ug/l | 50 | 9.8 |
| 2-Methylphenol | ND | | ug/l | 25 | 5.5 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/l | 25 | 2.8 |
| 2,4,5-Trichlorophenol | ND | | ug/l | 25 | 1.9 |
| Pyridine | ND | | ug/l | 18 | 4.5 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|----------------------|-----------|-----------|------------------------|
| 2-Fluorophenol | 71 | | 21-120 |
| Phenol-d6 | 67 | | 10-120 |
| Nitrobenzene-d5 | 73 | | 23-120 |
| 2-Fluorobiphenyl | 71 | | 15-120 |
| 2,4,6-Tribromophenol | 77 | | 10-120 |
| 4-Terphenyl-d14 | 73 | | 33-120 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/14/22 01:14
Analyst: JG

Extraction Method: EPA 3580A
Extraction Date: 06/13/22 01:06

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|--------|-----------|-------|--------|-------|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1649681-1 | | | | | |
| Acenaphthene | ND | | ug/kg | 38000 | 4900 |
| 1,2,4-Trichlorobenzene | ND | | ug/kg | 47000 | 5400 |
| Hexachlorobenzene | ND | | ug/kg | 28000 | 5300 |
| Bis(2-chloroethyl)ether | ND | | ug/kg | 42000 | 6400 |
| 2-Chloronaphthalene | ND | | ug/kg | 47000 | 4700 |
| 1,2-Dichlorobenzene | ND | | ug/kg | 47000 | 8500 |
| 1,3-Dichlorobenzene | ND | | ug/kg | 47000 | 8100 |
| 1,4-Dichlorobenzene | ND | | ug/kg | 47000 | 8200 |
| 3,3'-Dichlorobenzidine | ND | | ug/kg | 47000 | 12000 |
| 2,4-Dinitrotoluene | ND | | ug/kg | 47000 | 9400 |
| 2,6-Dinitrotoluene | ND | | ug/kg | 47000 | 8100 |
| Fluoranthene | ND | | ug/kg | 28000 | 5400 |
| 4-Chlorophenyl phenyl ether | ND | | ug/kg | 47000 | 5000 |
| 4-Bromophenyl phenyl ether | ND | | ug/kg | 47000 | 7200 |
| Bis(2-chloroisopropyl)ether | ND | | ug/kg | 56000 | 8000 |
| Bis(2-chloroethoxy)methane | ND | | ug/kg | 51000 | 4700 |
| Hexachlorobutadiene | ND | | ug/kg | 47000 | 6900 |
| Hexachlorocyclopentadiene | ND | | ug/kg | 130000 | 43000 |
| Hexachloroethane | ND | | ug/kg | 38000 | 7600 |
| Isophorone | ND | | ug/kg | 42000 | 6100 |
| Naphthalene | ND | | ug/kg | 47000 | 5700 |
| Nitrobenzene | ND | | ug/kg | 42000 | 7000 |
| NDPA/DPA | ND | | ug/kg | 38000 | 5400 |
| n-Nitrosodi-n-propylamine | ND | | ug/kg | 47000 | 7300 |
| Bis(2-ethylhexyl)phthalate | ND | | ug/kg | 47000 | 16000 |
| Butyl benzyl phthalate | ND | | ug/kg | 47000 | 12000 |
| Di-n-butylphthalate | ND | | ug/kg | 47000 | 8900 |
| Di-n-octylphthalate | ND | | ug/kg | 47000 | 16000 |
| Diethyl phthalate | ND | | ug/kg | 47000 | 4400 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/14/22 01:14
Analyst: JG

Extraction Method: EPA 3580A
Extraction Date: 06/13/22 01:06

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|--------|-----------|-------|--------|-------|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1649681-1 | | | | | |
| Dimethyl phthalate | ND | | ug/kg | 47000 | 9900 |
| Benzo(a)anthracene | ND | | ug/kg | 28000 | 5300 |
| Benzo(a)pyrene | ND | | ug/kg | 38000 | 11000 |
| Benzo(b)fluoranthene | ND | | ug/kg | 28000 | 7900 |
| Benzo(k)fluoranthene | ND | | ug/kg | 28000 | 7500 |
| Chrysene | ND | | ug/kg | 28000 | 4900 |
| Acenaphthylene | ND | | ug/kg | 38000 | 7300 |
| Anthracene | ND | | ug/kg | 28000 | 9200 |
| Benzo(ghi)perylene | ND | | ug/kg | 38000 | 5500 |
| Fluorene | ND | | ug/kg | 47000 | 4600 |
| Phenanthrene | ND | | ug/kg | 28000 | 5700 |
| Dibenzo(a,h)anthracene | ND | | ug/kg | 28000 | 5400 |
| Indeno(1,2,3-cd)pyrene | ND | | ug/kg | 38000 | 6600 |
| Pyrene | ND | | ug/kg | 28000 | 4700 |
| Biphenyl | ND | | ug/kg | 110000 | 6100 |
| 4-Chloroaniline | ND | | ug/kg | 47000 | 8600 |
| 2-Nitroaniline | ND | | ug/kg | 47000 | 9100 |
| 3-Nitroaniline | ND | | ug/kg | 47000 | 8900 |
| 4-Nitroaniline | ND | | ug/kg | 47000 | 20000 |
| Dibenzofuran | ND | | ug/kg | 47000 | 4400 |
| 2-Methylnaphthalene | ND | | ug/kg | 56000 | 5700 |
| 1,2,4,5-Tetrachlorobenzene | ND | | ug/kg | 47000 | 4900 |
| Acetophenone | ND | | ug/kg | 47000 | 5800 |
| 2,4,6-Trichlorophenol | ND | | ug/kg | 28000 | 8900 |
| p-Chloro-m-cresol | ND | | ug/kg | 47000 | 7000 |
| 2-Chlorophenol | ND | | ug/kg | 47000 | 5600 |
| 2,4-Dichlorophenol | ND | | ug/kg | 42000 | 7600 |
| 2,4-Dimethylphenol | ND | | ug/kg | 47000 | 16000 |
| 2-Nitrophenol | ND | | ug/kg | 100000 | 18000 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 06/14/22 01:14
Analyst: JG

Extraction Method: EPA 3580A
Extraction Date: 06/13/22 01:06

| Parameter | Result | Qualifier | Units | RL | MDL |
|---|--------|-----------|-------|--------|-------|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1649681-1 | | | | | |
| 4-Nitrophenol | ND | | ug/kg | 66000 | 19000 |
| 2,4-Dinitrophenol | ND | | ug/kg | 230000 | 22000 |
| 4,6-Dinitro-o-cresol | ND | | ug/kg | 120000 | 23000 |
| Pentachlorophenol | ND | | ug/kg | 38000 | 10000 |
| Phenol | ND | | ug/kg | 47000 | 7100 |
| 2-Methylphenol | ND | | ug/kg | 47000 | 7300 |
| 3-Methylphenol/4-Methylphenol | ND | | ug/kg | 68000 | 7400 |
| 2,4,5-Trichlorophenol | ND | | ug/kg | 47000 | 9000 |
| Benzoic Acid | ND | | ug/kg | 150000 | 48000 |
| Benzyl Alcohol | ND | | ug/kg | 47000 | 14000 |
| Carbazole | ND | | ug/kg | 47000 | 4600 |
| 1,4-Dioxane | ND | | ug/kg | 7100 | 2200 |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria |
|----------------------|-----------|-----------|------------------------|
| 2-Fluorophenol | 93 | | 25-120 |
| Phenol-d6 | 91 | | 10-120 |
| Nitrobenzene-d5 | 82 | | 23-120 |
| 2-Fluorobiphenyl | 95 | | 30-120 |
| 2,4,6-Tribromophenol | 90 | | 10-136 |
| 4-Terphenyl-d14 | 105 | | 18-120 |

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCS %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|--|------------------|------|------------------|------|---------------------|-----|------|---------------|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 03 Batch: WG1648992-2 WG1648992-3 | | | | | | | | |
| Hexachlorobenzene | 68 | | 73 | | 40-140 | 7 | | 30 |
| 2,4-Dinitrotoluene | 67 | | 77 | | 40-132 | 14 | | 30 |
| Hexachlorobutadiene | 57 | | 58 | | 28-111 | 2 | | 30 |
| Hexachloroethane | 50 | | 51 | | 21-105 | 2 | | 30 |
| Nitrobenzene | 56 | | 57 | | 40-140 | 2 | | 30 |
| 2,4,6-Trichlorophenol | 75 | | 70 | | 30-130 | 7 | | 30 |
| Pentachlorophenol | 68 | | 67 | | 9-103 | 1 | | 30 |
| 2-Methylphenol | 64 | | 62 | | 30-130 | 3 | | 30 |
| 3-Methylphenol/4-Methylphenol | 66 | | 64 | | 30-130 | 3 | | 30 |
| 2,4,5-Trichlorophenol | 77 | | 73 | | 30-130 | 5 | | 30 |
| Pyridine | 5 | Q | 11 | | 10-66 | 84 | Q | 30 |

| Surrogate | LCS %Recovery | Qual | LCS %Recovery | Qual | Acceptance Criteria |
|----------------------|------------------|------|------------------|------|------------------------|
| 2-Fluorophenol | 66 | | 63 | | 21-120 |
| Phenol-d6 | 63 | | 60 | | 10-120 |
| Nitrobenzene-d5 | 62 | | 59 | | 23-120 |
| 2-Fluorobiphenyl | 68 | | 63 | | 15-120 |
| 2,4,6-Tribromophenol | 73 | | 75 | | 10-120 |
| 4-Terphenyl-d14 | 69 | | 65 | | 33-120 |



Lab Control Sample Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|--|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 02 Batch: WG1649385-2 WG1649385-3 | | | | | | | | |
| Hexachlorobenzene | 68 | | 65 | | 40-140 | 5 | | 30 |
| 2,4-Dinitrotoluene | 73 | | 67 | | 40-132 | 9 | | 30 |
| Hexachlorobutadiene | 62 | | 57 | | 28-111 | 8 | | 30 |
| Hexachloroethane | 56 | | 54 | | 21-105 | 4 | | 30 |
| Nitrobenzene | 63 | | 58 | | 40-140 | 8 | | 30 |
| 2,4,6-Trichlorophenol | 79 | | 73 | | 30-130 | 8 | | 30 |
| Pentachlorophenol | 70 | | 67 | | 9-103 | 4 | | 30 |
| 2-Methylphenol | 66 | | 64 | | 30-130 | 3 | | 30 |
| 3-Methylphenol/4-Methylphenol | 71 | | 67 | | 30-130 | 6 | | 30 |
| 2,4,5-Trichlorophenol | 80 | | 75 | | 30-130 | 6 | | 30 |
| Pyridine | 17 | | 4 | Q | 10-66 | 121 | Q | 30 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|----------------------|------------------|------|-------------------|------|------------------------|
| 2-Fluorophenol | 73 | | 69 | | 21-120 |
| Phenol-d6 | 69 | | 68 | | 10-120 |
| Nitrobenzene-d5 | 66 | | 63 | | 23-120 |
| 2-Fluorobiphenyl | 72 | | 66 | | 15-120 |
| 2,4,6-Tribromophenol | 79 | | 72 | | 10-120 |
| 4-Terphenyl-d14 | 78 | | 68 | | 33-120 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2228655

Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|--|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1649681-2 WG1649681-3 | | | | | | | | |
| Acenaphthene | 87 | | 89 | | 31-137 | 2 | | 50 |
| 1,2,4-Trichlorobenzene | 104 | | 94 | | 38-107 | 10 | | 50 |
| Hexachlorobenzene | 93 | | 88 | | 40-140 | 6 | | 50 |
| Bis(2-chloroethyl)ether | 92 | | 87 | | 40-140 | 6 | | 50 |
| 2-Chloronaphthalene | 97 | | 102 | | 40-140 | 5 | | 50 |
| 1,2-Dichlorobenzene | 95 | | 101 | | 40-140 | 6 | | 50 |
| 1,3-Dichlorobenzene | 95 | | 92 | | 40-140 | 3 | | 50 |
| 1,4-Dichlorobenzene | 104 | | 95 | | 28-104 | 9 | | 50 |
| 3,3'-Dichlorobenzidine | 79 | | 81 | | 40-140 | 3 | | 50 |
| 2,4-Dinitrotoluene | 99 | | 99 | | 40-132 | 0 | | 50 |
| 2,6-Dinitrotoluene | 98 | | 105 | | 40-140 | 7 | | 50 |
| Fluoranthene | 92 | | 94 | | 40-140 | 2 | | 50 |
| 4-Chlorophenyl phenyl ether | 96 | | 91 | | 40-140 | 5 | | 50 |
| 4-Bromophenyl phenyl ether | 94 | | 89 | | 40-140 | 5 | | 50 |
| Bis(2-chloroisopropyl)ether | 104 | | 99 | | 40-140 | 5 | | 50 |
| Bis(2-chloroethoxy)methane | 94 | | 92 | | 40-117 | 2 | | 50 |
| Hexachlorobutadiene | 98 | | 99 | | 40-140 | 1 | | 50 |
| Hexachlorocyclopentadiene | 38 | Q | 38 | Q | 40-140 | 0 | | 50 |
| Hexachloroethane | 95 | | 106 | | 40-140 | 11 | | 50 |
| Isophorone | 83 | | 86 | | 40-140 | 4 | | 50 |
| Naphthalene | 99 | | 97 | | 40-140 | 2 | | 50 |
| Nitrobenzene | 91 | | 90 | | 40-140 | 1 | | 50 |
| NDPA/DPA | 92 | | 95 | | 36-157 | 3 | | 50 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Lab Number: L2228655

Project Number: 2221810

Report Date: 06/27/22

| Parameter | LCS | Qual | LCS | Qual | %Recovery | RPD | Qual | RPD |
|--|-----------|------|-----------|------|-----------|-----|------|--------|
| | %Recovery | | %Recovery | | Limits | | | Limits |
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1649681-2 WG1649681-3 | | | | | | | | |
| n-Nitrosodi-n-propylamine | 90 | | 88 | | 32-121 | 2 | | 50 |
| Bis(2-ethylhexyl)phthalate | 77 | | 83 | | 40-140 | 8 | | 50 |
| Butyl benzyl phthalate | 79 | | 84 | | 40-140 | 6 | | 50 |
| Di-n-butylphthalate | 87 | | 87 | | 40-140 | 0 | | 50 |
| Di-n-octylphthalate | 81 | | 85 | | 40-140 | 5 | | 50 |
| Diethyl phthalate | 90 | | 90 | | 40-140 | 0 | | 50 |
| Dimethyl phthalate | 97 | | 105 | | 40-140 | 8 | | 50 |
| Benzo(a)anthracene | 98 | | 96 | | 40-140 | 2 | | 50 |
| Benzo(a)pyrene | 97 | | 100 | | 40-140 | 3 | | 50 |
| Benzo(b)fluoranthene | 85 | | 96 | | 40-140 | 12 | | 50 |
| Benzo(k)fluoranthene | 96 | | 103 | | 40-140 | 7 | | 50 |
| Chrysene | 93 | | 98 | | 40-140 | 5 | | 50 |
| Acenaphthylene | 100 | | 102 | | 40-140 | 2 | | 50 |
| Anthracene | 88 | | 91 | | 40-140 | 3 | | 50 |
| Benzo(ghi)perylene | 113 | | 92 | | 40-140 | 20 | | 50 |
| Fluorene | 91 | | 90 | | 40-140 | 1 | | 50 |
| Phenanthrene | 89 | | 96 | | 40-140 | 8 | | 50 |
| Dibenzo(a,h)anthracene | 109 | | 94 | | 40-140 | 15 | | 50 |
| Indeno(1,2,3-cd)pyrene | 112 | | 92 | | 40-140 | 20 | | 50 |
| Pyrene | 91 | | 93 | | 35-142 | 2 | | 50 |
| Biphenyl | 96 | | 102 | | 37-127 | 6 | | 50 |
| 4-Chloroaniline | 71 | | 73 | | 40-140 | 3 | | 50 |
| 2-Nitroaniline | 93 | | 104 | | 47-134 | 11 | | 50 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2228655

Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|--|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1649681-2 WG1649681-3 | | | | | | | | |
| 3-Nitroaniline | 84 | | 84 | | 26-129 | 0 | | 50 |
| 4-Nitroaniline | 90 | | 88 | | 41-125 | 2 | | 50 |
| Dibenzofuran | 93 | | 93 | | 40-140 | 0 | | 50 |
| 2-Methylnaphthalene | 98 | | 98 | | 40-140 | 0 | | 50 |
| 1,2,4,5-Tetrachlorobenzene | 96 | | 108 | | 40-117 | 12 | | 50 |
| Acetophenone | 85 | | 93 | | 14-144 | 9 | | 50 |
| 2,4,6-Trichlorophenol | 103 | | 109 | | 30-130 | 6 | | 50 |
| p-Chloro-m-cresol | 95 | | 92 | | 26-103 | 3 | | 50 |
| 2-Chlorophenol | 102 | | 97 | | 25-102 | 5 | | 50 |
| 2,4-Dichlorophenol | 96 | | 100 | | 30-130 | 4 | | 50 |
| 2,4-Dimethylphenol | 86 | | 90 | | 30-130 | 5 | | 50 |
| 2-Nitrophenol | 93 | | 94 | | 30-130 | 1 | | 50 |
| 4-Nitrophenol | 86 | | 85 | | 11-114 | 1 | | 50 |
| 2,4-Dinitrophenol | 104 | | 114 | | 4-130 | 9 | | 50 |
| 4,6-Dinitro-o-cresol | 88 | | 85 | | 10-130 | 3 | | 50 |
| Pentachlorophenol | 62 | | 63 | | 17-109 | 2 | | 50 |
| Phenol | 100 | Q | 106 | Q | 26-90 | 6 | | 50 |
| 2-Methylphenol | 95 | | 100 | | 30-130 | 5 | | 50 |
| 3-Methylphenol/4-Methylphenol | 94 | | 94 | | 30-130 | 0 | | 50 |
| 2,4,5-Trichlorophenol | 101 | | 108 | | 30-130 | 7 | | 50 |
| Benzoic Acid | 59 | | 56 | | 10-110 | 5 | | 50 |
| Benzyl Alcohol | 87 | | 96 | | 40-140 | 10 | | 50 |
| Carbazole | 88 | | 92 | | 54-128 | 4 | | 50 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Lab Number: L2228655

Project Number: 2221810

Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|--|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1649681-2 WG1649681-3 | | | | | | | | |
| 1,4-Dioxane | 91 | | 84 | | 40-140 | 8 | | 50 |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria |
|----------------------|------------------|------|-------------------|------|------------------------|
| 2-Fluorophenol | 101 | | 102 | | 25-120 |
| Phenol-d6 | 95 | | 104 | | 10-120 |
| Nitrobenzene-d5 | 97 | | 95 | | 23-120 |
| 2-Fluorobiphenyl | 109 | | 113 | | 30-120 |
| 2,4,6-Tribromophenol | 93 | | 97 | | 10-136 |
| 4-Terphenyl-d14 | 95 | | 96 | | 18-120 |

PCBS

Project Name: 100 FERNWOOD**Lab Number:** L2228655**Project Number:** 2221810**Report Date:** 06/27/22**SAMPLE RESULTS**

Lab ID: L2228655-01 D
 Client ID: OIL-01
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 09:00
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Oil
 Analytical Method: 1,8082A
 Analytical Date: 06/13/22 17:35
 Analyst: MEO
 Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3580A
 Extraction Date: 06/13/22 01:01
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/13/22

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|--|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab | | | | | | | |
| Aroclor 1016 | ND | | mg/kg | 23.5 | 2.08 | 5 | A |
| Aroclor 1221 | ND | | mg/kg | 23.5 | 2.35 | 5 | A |
| Aroclor 1232 | ND | | mg/kg | 23.5 | 4.98 | 5 | A |
| Aroclor 1242 | ND | | mg/kg | 23.5 | 3.16 | 5 | A |
| Aroclor 1248 | ND | | mg/kg | 23.5 | 3.52 | 5 | A |
| Aroclor 1254 | ND | | mg/kg | 23.5 | 2.57 | 5 | A |
| Aroclor 1260 | ND | | mg/kg | 23.5 | 4.34 | 5 | A |
| Aroclor 1262 | ND | | mg/kg | 23.5 | 2.98 | 5 | A |
| Aroclor 1268 | ND | | mg/kg | 23.5 | 2.43 | 5 | A |
| PCBs, Total | ND | | mg/kg | 23.5 | 2.08 | 5 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 83 | | 30-150 | A |
| Decachlorobiphenyl | 71 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 41 | | 30-150 | B |
| Decachlorobiphenyl | 27 | Q | 30-150 | B |

Project Name: 100 FERNWOOD**Lab Number:** L2228655**Project Number:** 2221810**Report Date:** 06/27/22**SAMPLE RESULTS**

Lab ID: L2228655-02
 Client ID: OIL-02
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 10:00
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Oil
 Analytical Method: 1,8082A
 Analytical Date: 06/13/22 17:43
 Analyst: MEO
 Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3580A
 Extraction Date: 06/13/22 01:01
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/13/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/13/22

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|--|--------|-----------|-------|------|-------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab | | | | | | | |
| Aroclor 1016 | ND | | mg/kg | 4.58 | 0.407 | 1 | A |
| Aroclor 1221 | ND | | mg/kg | 4.58 | 0.459 | 1 | A |
| Aroclor 1232 | ND | | mg/kg | 4.58 | 0.972 | 1 | A |
| Aroclor 1242 | ND | | mg/kg | 4.58 | 0.618 | 1 | A |
| Aroclor 1248 | ND | | mg/kg | 4.58 | 0.688 | 1 | A |
| Aroclor 1254 | ND | | mg/kg | 4.58 | 0.502 | 1 | A |
| Aroclor 1260 | ND | | mg/kg | 4.58 | 0.847 | 1 | A |
| Aroclor 1262 | ND | | mg/kg | 4.58 | 0.582 | 1 | A |
| Aroclor 1268 | ND | | mg/kg | 4.58 | 0.475 | 1 | A |
| PCBs, Total | ND | | mg/kg | 4.58 | 0.407 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 86 | | 30-150 | A |
| Decachlorobiphenyl | 64 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 30-150 | B |
| Decachlorobiphenyl | 70 | | 30-150 | B |

Project Name: 100 FERNWOOD**Lab Number:** L2228655**Project Number:** 2221810**Report Date:** 06/27/22**SAMPLE RESULTS**

Lab ID: L2228655-03
 Client ID: W-01
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 10:30
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 06/04/22 12:09
 Analyst: WR

Extraction Method: EPA 3510C
 Extraction Date: 06/03/22 16:11
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/04/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/04/22

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|--|--------|-----------|-------|-------|-------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab | | | | | | | |
| Aroclor 1016 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| Aroclor 1221 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| Aroclor 1232 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| Aroclor 1242 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| Aroclor 1248 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| Aroclor 1254 | 0.069 | J | ug/l | 0.071 | 0.061 | 1 | B |
| Aroclor 1260 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| Aroclor 1262 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| Aroclor 1268 | ND | | ug/l | 0.071 | 0.061 | 1 | A |
| PCBs, Total | 0.069 | J | ug/l | 0.071 | 0.061 | 1 | B |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 78 | | 30-150 | A |
| Decachlorobiphenyl | 95 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 81 | | 30-150 | B |
| Decachlorobiphenyl | 93 | | 30-150 | B |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 06/04/22 11:42
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 06/03/22 16:11
Cleanup Method: EPA 3665A
Cleanup Date: 06/04/22
Cleanup Method: EPA 3660B
Cleanup Date: 06/04/22

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|--|--------|-----------|-------|-------|-------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03 Batch: WG1646469-1 | | | | | | |
| Aroclor 1016 | ND | | ug/l | 0.071 | 0.061 | A |
| Aroclor 1221 | ND | | ug/l | 0.071 | 0.061 | A |
| Aroclor 1232 | ND | | ug/l | 0.071 | 0.061 | A |
| Aroclor 1242 | ND | | ug/l | 0.071 | 0.061 | A |
| Aroclor 1248 | ND | | ug/l | 0.071 | 0.061 | A |
| Aroclor 1254 | ND | | ug/l | 0.071 | 0.061 | A |
| Aroclor 1262 | ND | | ug/l | 0.071 | 0.061 | A |
| Aroclor 1268 | ND | | ug/l | 0.071 | 0.061 | A |
| Aroclor 1260 | ND | | ug/l | 0.071 | 0.061 | B |
| PCBs, Total | ND | | ug/l | 0.071 | 0.061 | B |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|-----------|-----------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 71 | | 30-150 | A |
| Decachlorobiphenyl | 81 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 67 | | 30-150 | B |
| Decachlorobiphenyl | 83 | | 30-150 | B |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 06/13/22 17:11
Analyst: MEO

Extraction Method: EPA 3580A
Extraction Date: 06/13/22 01:01
Cleanup Method: EPA 3665A
Cleanup Date: 06/13/22
Cleanup Method: EPA 3660B
Cleanup Date: 06/13/22

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|--------|-----------|-------|------|-------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1649680-1 | | | | | | |
| Aroclor 1016 | ND | | mg/kg | 4.58 | 0.407 | A |
| Aroclor 1221 | ND | | mg/kg | 4.58 | 0.459 | A |
| Aroclor 1232 | ND | | mg/kg | 4.58 | 0.971 | A |
| Aroclor 1242 | ND | | mg/kg | 4.58 | 0.617 | A |
| Aroclor 1248 | ND | | mg/kg | 4.58 | 0.687 | A |
| Aroclor 1254 | ND | | mg/kg | 4.58 | 0.501 | A |
| Aroclor 1260 | ND | | mg/kg | 4.58 | 0.846 | A |
| Aroclor 1262 | ND | | mg/kg | 4.58 | 0.582 | A |
| Aroclor 1268 | ND | | mg/kg | 4.58 | 0.474 | A |
| PCBs, Total | ND | | mg/kg | 4.58 | 0.407 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|-----------|-----------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 83 | | 30-150 | A |
| Decachlorobiphenyl | 72 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 82 | | 30-150 | B |
| Decachlorobiphenyl | 70 | | 30-150 | B |

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03 Batch: WG1646469-2 WG1646469-3 | | | | | | | | | |
| Aroclor 1016 | 82 | | 82 | | 40-140 | 1 | | 50 | A |
| Aroclor 1260 | 85 | | 87 | | 40-140 | 2 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|------------------------------|------------------|------|-------------------|------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 88 | | 84 | | 30-150 | A |
| Decachlorobiphenyl | 93 | | 92 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 78 | | 30-150 | B |
| Decachlorobiphenyl | 95 | | 92 | | 30-150 | B |

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|--|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1649680-2 WG1649680-3 | | | | | | | | | |
| Aroclor 1016 | 102 | | 93 | | 40-140 | 9 | | 50 | A |
| Aroclor 1260 | 84 | | 76 | | 40-140 | 10 | | 50 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|------------------------------|------------------|------|-------------------|------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 92 | | 84 | | 30-150 | A |
| Decachlorobiphenyl | 81 | | 74 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 91 | | 83 | | 30-150 | B |
| Decachlorobiphenyl | 77 | | 71 | | 30-150 | B |

PESTICIDES

Project Name: 100 FERNWOOD

Lab Number: L2228655

Project Number: 2221810

Report Date: 06/27/22

SAMPLE RESULTS

Lab ID: L2228655-01
 Client ID: OIL-01
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 09:00
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Oil
 Analytical Method: 1,8081B
 Analytical Date: 06/15/22 08:34
 Analyst: AKM
 Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3580A
 Extraction Date: 06/15/22 01:11
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/15/22
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/15/22

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|--------|-----------|-------|------|------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |
| Delta-BHC | ND | | ug/kg | 23.0 | 4.50 | 1 | B |
| Lindane | ND | | ug/kg | 9.56 | 4.28 | 1 | B |
| Alpha-BHC | ND | | ug/kg | 9.56 | 2.72 | 1 | B |
| Beta-BHC | ND | | ug/kg | 23.0 | 8.70 | 1 | B |
| Heptachlor | ND | | ug/kg | 11.5 | 5.14 | 1 | B |
| Aldrin | ND | | ug/kg | 23.0 | 8.08 | 1 | B |
| Heptachlor epoxide | ND | | ug/kg | 43.0 | 12.9 | 1 | B |
| Endrin | ND | | ug/kg | 9.56 | 3.92 | 1 | B |
| Endrin aldehyde | ND | | ug/kg | 28.7 | 10.0 | 1 | B |
| Endrin ketone | ND | | ug/kg | 23.0 | 5.91 | 1 | B |
| Dieldrin | ND | | ug/kg | 14.3 | 7.17 | 1 | B |
| 4,4'-DDE | ND | | ug/kg | 23.0 | 5.31 | 1 | B |
| 4,4'-DDD | ND | | ug/kg | 23.0 | 8.19 | 1 | B |
| 4,4'-DDT | 82.5 | P | ug/kg | 43.0 | 18.5 | 1 | B |
| Endosulfan I | ND | | ug/kg | 23.0 | 5.42 | 1 | B |
| Endosulfan II | ND | | ug/kg | 23.0 | 7.67 | 1 | B |
| Endosulfan sulfate | ND | | ug/kg | 9.56 | 4.55 | 1 | B |
| Methoxychlor | ND | | ug/kg | 43.0 | 13.4 | 1 | B |
| Toxaphene | ND | | ug/kg | 430 | 120. | 1 | B |
| cis-Chlordane | ND | | ug/kg | 28.7 | 8.00 | 1 | B |
| trans-Chlordane | 290 | IP | ug/kg | 28.7 | 7.58 | 1 | B |
| Chlordane | ND | | ug/kg | 191 | 76.0 | 1 | B |

Project Name: 100 FERNWOOD**Lab Number:** L2228655**Project Number:** 2221810**Report Date:** 06/27/22**SAMPLE RESULTS**

Lab ID: L2228655-01

Date Collected: 06/01/22 09:00

Client ID: OIL-01

Date Received: 06/01/22

Sample Location: ROCHESTER, NY 14614

Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab | | | | | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 61 | | 30-150 | A |
| Decachlorobiphenyl | 42 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 79 | | 30-150 | B |
| Decachlorobiphenyl | 31 | | 30-150 | B |

Project Name: 100 FERNWOOD**Lab Number:** L2228655**Project Number:** 2221810**Report Date:** 06/27/22**SAMPLE RESULTS**

Lab ID: L2228655-01
 Client ID: OIL-01
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 09:00
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Oil
 Analytical Method: 1,8151A
 Analytical Date: 06/15/22 11:58
 Analyst: EJJ
 Percent Solids: Results reported on an 'AS RECEIVED' basis.
 Methylation Date: 06/15/22 03:09

Extraction Method: EPA 8151A
 Extraction Date: 06/14/22 09:33

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|--------|-----------|-------|-------|------|-----------------|--------|
| Chlorinated Herbicides by GC - Westborough Lab | | | | | | | |
| MCPP | ND | | ug/kg | 16900 | 4840 | 1 | A |
| MCPA | ND | | ug/kg | 16900 | 5280 | 1 | A |
| Dalapon | ND | | ug/kg | 169 | 50.6 | 1 | A |
| Dicamba | ND | | ug/kg | 169 | 50.6 | 1 | A |
| Dichloroprop | ND | | ug/kg | 169 | 50.6 | 1 | A |
| 2,4-D | ND | | ug/kg | 169 | 101. | 1 | A |
| 2,4-DB | ND | | ug/kg | 169 | 50.6 | 1 | A |
| 2,4,5-T | ND | | ug/kg | 169 | 50.6 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 169 | 50.6 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|------------|-----------|---------------------|--------|
| DCAA | 85 | | 30-150 | A |
| DCAA | 420 | Q | 30-150 | B |

Project Name: 100 FERNWOOD**Lab Number:** L2228655**Project Number:** 2221810**Report Date:** 06/27/22**SAMPLE RESULTS**

Lab ID: L2228655-02
 Client ID: OIL-02
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 10:00
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Oil
 Analytical Method: 1,8081B
 Analytical Date: 06/12/22 13:26
 Analyst: MMG

Extraction Method: EPA 3510C
 Extraction Date: 06/11/22 12:05

Percent Solids: Results reported on an 'AS RECEIVED' basis.

TCLP/SPLP Ext. Date: 06/05/22 15:01

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|--|--------|-----------|-------|-------|-------|-----------------|--------|
| TCLP Pesticides by EPA 1311 - Westborough Lab | | | | | | | |
| Lindane | ND | | ug/l | 0.100 | 0.022 | 1 | A |
| Heptachlor | ND | | ug/l | 0.100 | 0.016 | 1 | A |
| Heptachlor epoxide | ND | | ug/l | 0.100 | 0.021 | 1 | A |
| Endrin | ND | | ug/l | 0.200 | 0.021 | 1 | A |
| Methoxychlor | ND | | ug/l | 1.00 | 0.034 | 1 | A |
| Toxaphene | ND | | ug/l | 1.00 | 0.314 | 1 | A |
| Chlordane | ND | | ug/l | 1.00 | 0.232 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 74 | | 30-150 | A |
| Decachlorobiphenyl | 77 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 51 | | 30-150 | B |
| Decachlorobiphenyl | 91 | | 30-150 | B |

Project Name: 100 FERNWOOD**Lab Number:** L2228655**Project Number:** 2221810**Report Date:** 06/27/22**SAMPLE RESULTS**

Lab ID: L2228655-02
 Client ID: OIL-02
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 10:00
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Oil
 Analytical Method: 1,8151A
 Analytical Date: 06/14/22 16:21
 Analyst: EJL

Extraction Method: EPA 8151A
 Extraction Date: 06/11/22 07:58

Percent Solids: Results reported on an 'AS RECEIVED' basis.

TCLP/SPLP Ext. Date: 06/05/22 15:01

Methylation Date: 06/12/22 13:54

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|--------|-----------|-------|-------|-------|-----------------|--------|
| TCLP Herbicides by EPA 1311 - Westborough Lab | | | | | | | |
| 2,4-D | ND | | mg/l | 0.025 | 0.001 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | mg/l | 0.005 | 0.001 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|------------|-----------|---------------------|--------|
| DCAA | 58 | | 30-150 | A |
| DCAA | 56 | | 30-150 | B |

Project Name: 100 FERNWOOD**Lab Number:** L2228655**Project Number:** 2221810**Report Date:** 06/27/22**SAMPLE RESULTS**

Lab ID: L2228655-03
 Client ID: W-01
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 10:30
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 06/11/22 00:36
 Analyst: AR

Extraction Method: EPA 3510C
 Extraction Date: 06/10/22 09:06

TCLP/SPLP Ext. Date: 06/05/22 12:00

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|--|--------|-----------|-------|-------|-------|-----------------|--------|
| TCLP Pesticides by EPA 1311 - Westborough Lab | | | | | | | |
| Lindane | ND | | ug/l | 0.100 | 0.022 | 1 | A |
| Heptachlor | ND | | ug/l | 0.100 | 0.016 | 1 | A |
| Heptachlor epoxide | ND | | ug/l | 0.100 | 0.021 | 1 | A |
| Endrin | ND | | ug/l | 0.200 | 0.021 | 1 | A |
| Methoxychlor | ND | | ug/l | 1.00 | 0.034 | 1 | A |
| Toxaphene | ND | | ug/l | 1.00 | 0.314 | 1 | A |
| Chlordane | ND | | ug/l | 1.00 | 0.232 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 71 | | 30-150 | A |
| Decachlorobiphenyl | 71 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 77 | | 30-150 | B |
| Decachlorobiphenyl | 110 | | 30-150 | B |

Project Name: 100 FERNWOOD**Lab Number:** L2228655**Project Number:** 2221810**Report Date:** 06/27/22**SAMPLE RESULTS**

Lab ID: L2228655-03
 Client ID: W-01
 Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 10:30
 Date Received: 06/01/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8151A
 Analytical Date: 06/12/22 19:15
 Analyst: EJJ

Extraction Method: EPA 8151A
 Extraction Date: 06/10/22 17:29

TCLP/SPLP Ext. Date: 06/05/22 12:00

Methylation Date: 06/11/22 13:40

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---|--------|-----------|-------|-------|-------|-----------------|--------|
| TCLP Herbicides by EPA 1311 - Westborough Lab | | | | | | | |
| 2,4-D | ND | | mg/l | 0.025 | 0.001 | 1 | A |
| 2,4,5-TP (Silvex) | ND | | mg/l | 0.005 | 0.001 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|------------|-----------|---------------------|--------|
| DCAA | 47 | | 30-150 | A |
| DCAA | 47 | | 30-150 | B |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/11/22 00:03
Analyst: AR
TCLP/SPLP Extraction Date: 06/05/22 12:00

Extraction Method: EPA 3510C
Extraction Date: 06/10/22 09:06

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|--|--------|-----------|-------|-------|-------|--------|
| TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 03 Batch: WG1648994-1 | | | | | | |
| Lindane | ND | | ug/l | 0.100 | 0.022 | A |
| Heptachlor | ND | | ug/l | 0.100 | 0.016 | A |
| Heptachlor epoxide | ND | | ug/l | 0.100 | 0.021 | A |
| Endrin | ND | | ug/l | 0.200 | 0.021 | A |
| Methoxychlor | ND | | ug/l | 1.00 | 0.034 | A |
| Toxaphene | ND | | ug/l | 1.00 | 0.314 | A |
| Chlordane | ND | | ug/l | 1.00 | 0.232 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|-----------|-----------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 93 | | 30-150 | A |
| Decachlorobiphenyl | 120 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 112 | | 30-150 | B |
| Decachlorobiphenyl | 145 | | 30-150 | B |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/12/22 18:19
Analyst: EJL
TCLP/SPLP Extraction Date: 06/05/22 12:00
Methylation Date: 06/11/22 13:40

Extraction Method: EPA 8151A
Extraction Date: 06/10/22 17:29

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|--|--------|-----------|-------|-------|-------|--------|
| TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 03 Batch: WG1649286-1 | | | | | | |
| 2,4-D | ND | | mg/l | 0.025 | 0.001 | A |
| 2,4,5-TP (Silvex) | ND | | mg/l | 0.005 | 0.001 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|-----------|-----------|------------------------|--------|
| DCAA | 133 | | 30-150 | A |
| DCAA | 113 | | 30-150 | B |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/14/22 15:07
Analyst: EJL
TCLP/SPLP Extraction Date: 06/05/22 15:01
Methylation Date: 06/12/22 13:54

Extraction Method: EPA 8151A
Extraction Date: 06/11/22 07:58

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|--|--------|-----------|-------|-------|-------|--------|
| TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 02 Batch: WG1649388-1 | | | | | | |
| 2,4-D | ND | | mg/l | 0.025 | 0.001 | A |
| 2,4,5-TP (Silvex) | ND | | mg/l | 0.005 | 0.001 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|-----------|-----------|------------------------|--------|
| DCAA | 65 | | 30-150 | A |
| DCAA | 47 | | 30-150 | B |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8081B
Analytical Date: 06/12/22 12:53
Analyst: MMG
TCLP/SPLP Extraction Date: 06/05/22 15:01

Extraction Method: EPA 3510C
Extraction Date: 06/11/22 12:05

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|--|--------|-----------|-------|-------|-------|--------|
| TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 02 Batch: WG1649445-1 | | | | | | |
| Lindane | ND | | ug/l | 0.100 | 0.022 | A |
| Heptachlor | ND | | ug/l | 0.100 | 0.016 | A |
| Heptachlor epoxide | ND | | ug/l | 0.100 | 0.021 | A |
| Endrin | ND | | ug/l | 0.200 | 0.021 | A |
| Methoxychlor | ND | | ug/l | 1.00 | 0.034 | A |
| Toxaphene | ND | | ug/l | 1.00 | 0.314 | A |
| Chlordane | ND | | ug/l | 1.00 | 0.232 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|-----------|-----------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 66 | | 30-150 | A |
| Decachlorobiphenyl | 72 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 58 | | 30-150 | B |
| Decachlorobiphenyl | 82 | | 30-150 | B |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/15/22 11:02
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/14/22 09:33

Methylation Date: 06/15/22 03:09

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|---|--------|-----------|-------|-----|------|--------|
| Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01 Batch: WG1650309-1 | | | | | | |
| 2,4-D | ND | | ug/kg | 191 | 115. | A |
| 2,4,5-T | ND | | ug/kg | 191 | 57.4 | A |
| 2,4,5-TP (Silvex) | ND | | ug/kg | 191 | 57.4 | A |

| Surrogate | %Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|-----------|-----------|------------------------|--------|
| DCAA | 83 | | 30-150 | A |
| DCAA | 86 | | 30-150 | B |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/15/22 08:03
Analyst: AKM

Extraction Method: EPA 3580A
Extraction Date: 06/15/22 01:11
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/22
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/22

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|--|--------|-----------|-------|------|------|--------|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1650624-1 | | | | | | |
| Delta-BHC | ND | | ug/kg | 21.9 | 4.28 | A |
| Lindane | ND | | ug/kg | 9.11 | 4.07 | A |
| Alpha-BHC | ND | | ug/kg | 9.11 | 2.59 | A |
| Beta-BHC | ND | | ug/kg | 21.9 | 8.29 | A |
| Heptachlor | ND | | ug/kg | 10.9 | 4.90 | A |
| Aldrin | ND | | ug/kg | 21.9 | 7.70 | A |
| Heptachlor epoxide | ND | | ug/kg | 41.0 | 12.3 | A |
| Endrin | ND | | ug/kg | 9.11 | 3.74 | A |
| Endrin aldehyde | ND | | ug/kg | 27.3 | 9.57 | A |
| Endrin ketone | ND | | ug/kg | 21.9 | 5.63 | A |
| Dieldrin | ND | | ug/kg | 13.7 | 6.84 | A |
| 4,4'-DDE | ND | | ug/kg | 21.9 | 5.06 | A |
| 4,4'-DDD | ND | | ug/kg | 21.9 | 7.80 | A |
| 4,4'-DDT | ND | | ug/kg | 41.0 | 17.6 | A |
| Endosulfan I | ND | | ug/kg | 21.9 | 5.17 | A |
| Endosulfan II | ND | | ug/kg | 21.9 | 7.31 | A |
| Endosulfan sulfate | ND | | ug/kg | 9.11 | 4.34 | A |
| Methoxychlor | ND | | ug/kg | 41.0 | 12.8 | A |
| Toxaphene | ND | | ug/kg | 410 | 115. | A |
| cis-Chlordane | ND | | ug/kg | 27.3 | 7.62 | A |
| trans-Chlordane | ND | | ug/kg | 27.3 | 7.22 | A |
| Chlordane | ND | | ug/kg | 182 | 72.5 | A |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/15/22 08:03
Analyst: AKM

Extraction Method: EPA 3580A
Extraction Date: 06/15/22 01:11
Cleanup Method: EPA 3620B
Cleanup Date: 06/15/22
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/22

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|--|--------|-----------|-------|----|-----|--------|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1650624-1 | | | | | | |

| Surrogate | %Recovery | Qualifier | Acceptance | |
|------------------------------|-----------|-----------|------------|--------|
| | | | Criteria | Column |
| 2,4,5,6-Tetrachloro-m-xylene | 104 | | 30-150 | A |
| Decachlorobiphenyl | 104 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 97 | | 30-150 | B |
| Decachlorobiphenyl | 125 | | 30-150 | B |

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 03 Batch: WG1648994-2 WG1648994-3 | | | | | | | | | |
| Lindane | 89 | | 73 | | 30-150 | 20 | | 20 | A |
| Heptachlor | 85 | | 70 | | 30-150 | 20 | | 20 | A |
| Heptachlor epoxide | 90 | | 73 | | 30-150 | 21 | Q | 20 | A |
| Endrin | 92 | | 74 | | 30-150 | 23 | Q | 20 | A |
| Methoxychlor | 108 | | 88 | | 30-150 | 20 | | 20 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|------------------------------|------------------|------|-------------------|------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 74 | | 62 | | 30-150 | A |
| Decachlorobiphenyl | 89 | | 83 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 88 | | 75 | | 30-150 | B |
| Decachlorobiphenyl | 105 | | 99 | | 30-150 | B |



Lab Control Sample Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 03 Batch: WG1649286-2 WG1649286-3 | | | | | | | | | |
| 2,4-D | 104 | | 131 | | 30-150 | 23 | | 25 | A |
| 2,4,5-TP (Silvex) | 70 | | 98 | | 30-150 | 33 | Q | 25 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|-----------|------------------|------|-------------------|------|------------------------|--------|
| DCAA | 95 | | 125 | | 30-150 | A |
| DCAA | 73 | | 100 | | 30-150 | B |

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 02 Batch: WG1649388-2 WG1649388-3 | | | | | | | | | |
| 2,4-D | 123 | | 118 | | 30-150 | 4 | | 25 | A |
| 2,4,5-TP (Silvex) | 53 | | 52 | | 30-150 | 2 | | 25 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|-----------|------------------|------|-------------------|------|------------------------|--------|
| DCAA | 75 | | 79 | | 30-150 | A |
| DCAA | 138 | | 68 | | 30-150 | B |

Lab Control Sample Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 02 Batch: WG1649445-2 WG1649445-3 | | | | | | | | | |
| Lindane | 58 | | 68 | | 30-150 | 15 | | 20 | A |
| Heptachlor | 59 | | 68 | | 30-150 | 14 | | 20 | A |
| Heptachlor epoxide | 59 | | 68 | | 30-150 | 14 | | 20 | A |
| Endrin | 62 | | 71 | | 30-150 | 14 | | 20 | A |
| Methoxychlor | 63 | | 71 | | 30-150 | 12 | | 20 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|------------------------------|------------------|------|-------------------|------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 50 | | 59 | | 30-150 | A |
| Decachlorobiphenyl | 47 | | 70 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 45 | | 53 | | 30-150 | B |
| Decachlorobiphenyl | 53 | | 80 | | 30-150 | B |



Lab Control Sample Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|--|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1650309-2 WG1650309-3 | | | | | | | | | |
| 2,4-D | 81 | | 108 | | 30-150 | 29 | | 30 | A |
| 2,4,5-T | 76 | | 100 | | 30-150 | 27 | | 30 | A |
| 2,4,5-TP (Silvex) | 78 | | 100 | | 30-150 | 25 | | 30 | A |

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|-----------|------------------|------|-------------------|------|------------------------|--------|
| DCAA | 71 | | 92 | | 30-150 | A |
| DCAA | 76 | | 93 | | 30-150 | B |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2228655

Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits | Column |
|---|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1650624-2 WG1650624-3 | | | | | | | | | |
| Delta-BHC | 88 | | 86 | | 30-150 | 2 | | 30 | A |
| Lindane | 89 | | 88 | | 30-150 | 1 | | 30 | A |
| Alpha-BHC | 93 | | 93 | | 30-150 | 0 | | 30 | A |
| Beta-BHC | 89 | | 89 | | 30-150 | 0 | | 30 | A |
| Heptachlor | 88 | | 87 | | 30-150 | 1 | | 30 | A |
| Aldrin | 91 | | 87 | | 30-150 | 4 | | 30 | A |
| Heptachlor epoxide | 84 | | 79 | | 30-150 | 6 | | 30 | A |
| Endrin | 91 | | 89 | | 30-150 | 2 | | 30 | A |
| Endrin aldehyde | 78 | | 74 | | 30-150 | 5 | | 30 | A |
| Endrin ketone | 82 | | 82 | | 30-150 | 0 | | 30 | A |
| Dieldrin | 94 | | 92 | | 30-150 | 2 | | 30 | A |
| 4,4'-DDE | 91 | | 88 | | 30-150 | 3 | | 30 | A |
| 4,4'-DDD | 98 | | 96 | | 30-150 | 2 | | 30 | A |
| 4,4'-DDT | 92 | | 88 | | 30-150 | 4 | | 30 | A |
| Endosulfan I | 81 | | 79 | | 30-150 | 3 | | 30 | A |
| Endosulfan II | 86 | | 85 | | 30-150 | 1 | | 30 | A |
| Endosulfan sulfate | 65 | | 64 | | 30-150 | 2 | | 30 | A |
| Methoxychlor | 92 | | 89 | | 30-150 | 3 | | 30 | A |
| cis-Chlordane | 81 | | 78 | | 30-150 | 4 | | 30 | A |
| trans-Chlordane | 99 | | 100 | | 30-150 | 1 | | 30 | A |

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2228655

Report Date: 06/27/22

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|-----------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
|-----------|------------------|------|-------------------|------|---------------------|-----|------|---------------|

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1650624-2 WG1650624-3

| Surrogate | LCS %Recovery | Qual | LCSD %Recovery | Qual | Acceptance Criteria | Column |
|------------------------------|------------------|------|-------------------|------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 99 | | 100 | | 30-150 | A |
| Decachlorobiphenyl | 102 | | 102 | | 30-150 | A |
| 2,4,5,6-Tetrachloro-m-xylene | 98 | | 97 | | 30-150 | B |
| Decachlorobiphenyl | 125 | | 123 | | 30-150 | B |

METALS

Project Name: 100 FERNWOOD

Lab Number: L2228655

Project Number: 2221810

Report Date: 06/27/22

SAMPLE RESULTS

Lab ID: L2228655-01

Date Collected: 06/01/22 09:00

Client ID: OIL-01

Date Received: 06/01/22

Sample Location: ROCHESTER, NY 14614

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/05/22 12:00

Matrix: Oil

Percent Solids: Results are reported on an 'AS RECEIVED' basis.

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|--|--------|-----------|-------|--------|--------|-----------------|----------------|----------------|-------------|-------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab | | | | | | | | | | | |
| Arsenic, TCLP | ND | | mg/l | 10.0 | 0.190 | 1 | 06/07/22 17:24 | 06/25/22 18:58 | EPA 3015 | 1,6010D | GD |
| Barium, TCLP | ND | | mg/l | 5.00 | 0.210 | 1 | 06/07/22 17:24 | 06/25/22 18:58 | EPA 3015 | 1,6010D | GD |
| Cadmium, TCLP | ND | | mg/l | 1.00 | 0.100 | 1 | 06/07/22 17:24 | 06/25/22 18:58 | EPA 3015 | 1,6010D | GD |
| Chromium, TCLP | ND | | mg/l | 2.00 | 0.210 | 1 | 06/07/22 17:24 | 06/25/22 18:58 | EPA 3015 | 1,6010D | GD |
| Lead, TCLP | 2.05 | J | mg/l | 5.00 | 0.270 | 1 | 06/07/22 17:24 | 06/25/22 18:58 | EPA 3015 | 1,6010D | GD |
| Mercury, TCLP | ND | | mg/l | 0.1000 | 0.0458 | 1 | 06/07/22 21:01 | 06/09/22 21:57 | EPA 7470A | 1,7470A | DMB |
| Selenium, TCLP | ND | | mg/l | 5.00 | 0.350 | 1 | 06/07/22 17:24 | 06/25/22 18:58 | EPA 3015 | 1,6010D | GD |
| Silver, TCLP | ND | | mg/l | 1.00 | 0.280 | 1 | 06/07/22 17:24 | 06/25/22 18:58 | EPA 3015 | 1,6010D | GD |



Project Name: 100 FERNWOOD

Lab Number: L2228655

Project Number: 2221810

Report Date: 06/27/22

SAMPLE RESULTS

Lab ID: L2228655-02

Date Collected: 06/01/22 10:00

Client ID: OIL-02

Date Received: 06/01/22

Sample Location: ROCHESTER, NY 14614

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/05/22 15:01

Matrix: Oil

Percent Solids: Results are reported on an 'AS RECEIVED' basis.

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|--|--------|-----------|-------|--------|--------|-----------------|----------------|----------------|-------------|-------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab | | | | | | | | | | | |
| Arsenic, TCLP | ND | | mg/l | 2.50 | 0.048 | 1 | 06/07/22 17:24 | 06/27/22 14:10 | EPA 3015 | 1,6010D | SB |
| Barium, TCLP | ND | | mg/l | 1.25 | 0.053 | 1 | 06/07/22 17:24 | 06/27/22 14:10 | EPA 3015 | 1,6010D | SB |
| Cadmium, TCLP | ND | | mg/l | 0.250 | 0.025 | 1 | 06/07/22 17:24 | 06/27/22 14:10 | EPA 3015 | 1,6010D | SB |
| Chromium, TCLP | ND | | mg/l | 0.500 | 0.053 | 1 | 06/07/22 17:24 | 06/27/22 14:10 | EPA 3015 | 1,6010D | SB |
| Lead, TCLP | ND | | mg/l | 1.25 | 0.068 | 1 | 06/07/22 17:24 | 06/27/22 14:10 | EPA 3015 | 1,6010D | SB |
| Mercury, TCLP | ND | | mg/l | 0.0200 | 0.0092 | 1 | 06/07/22 21:01 | 06/09/22 22:13 | EPA 7470A | 1,7470A | DMB |
| Selenium, TCLP | ND | | mg/l | 1.25 | 0.088 | 1 | 06/07/22 17:24 | 06/27/22 14:10 | EPA 3015 | 1,6010D | SB |
| Silver, TCLP | ND | | mg/l | 0.250 | 0.070 | 1 | 06/07/22 17:24 | 06/27/22 14:10 | EPA 3015 | 1,6010D | SB |



Project Name: 100 FERNWOOD

Lab Number: L2228655

Project Number: 2221810

Report Date: 06/27/22

SAMPLE RESULTS

Lab ID: L2228655-03

Date Collected: 06/01/22 10:30

Client ID: W-01

Date Received: 06/01/22

Sample Location: ROCHESTER, NY 14614

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/05/22 12:00

Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Prep Method | Analytical Method | Analyst |
|---|--------|-----------|-------|--------|--------|-----------------|----------------|----------------|-------------|-------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab | | | | | | | | | | | |
| Arsenic, TCLP | ND | | mg/l | 1.00 | 0.019 | 1 | 06/07/22 17:24 | 06/27/22 13:24 | EPA 3015 | 1,6010D | SB |
| Barium, TCLP | ND | | mg/l | 0.500 | 0.021 | 1 | 06/07/22 17:24 | 06/27/22 13:24 | EPA 3015 | 1,6010D | SB |
| Cadmium, TCLP | ND | | mg/l | 0.100 | 0.010 | 1 | 06/07/22 17:24 | 06/27/22 13:24 | EPA 3015 | 1,6010D | SB |
| Chromium, TCLP | ND | | mg/l | 0.200 | 0.021 | 1 | 06/07/22 17:24 | 06/27/22 13:24 | EPA 3015 | 1,6010D | SB |
| Lead, TCLP | ND | | mg/l | 0.500 | 0.027 | 1 | 06/07/22 17:24 | 06/27/22 13:24 | EPA 3015 | 1,6010D | SB |
| Mercury, TCLP | ND | | mg/l | 0.0010 | 0.0005 | 1 | 06/07/22 21:01 | 06/09/22 22:37 | EPA 7470A | 1,7470A | DMB |
| Selenium, TCLP | ND | | mg/l | 0.500 | 0.035 | 1 | 06/07/22 17:24 | 06/27/22 13:24 | EPA 3015 | 1,6010D | SB |
| Silver, TCLP | ND | | mg/l | 0.100 | 0.028 | 1 | 06/07/22 17:24 | 06/27/22 13:24 | EPA 3015 | 1,6010D | SB |



Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis Batch Quality Control

| Parameter | Result Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|--|------------------|-------|--------|--------|-----------------|----------------|----------------|-------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1647073-1 | | | | | | | | | |
| Mercury, TCLP | ND | mg/l | 0.0010 | 0.0005 | 1 | 06/07/22 21:01 | 06/09/22 21:50 | 1,7470A | DMB |

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 06/05/22 12:00

| Parameter | Result Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|--|------------------|-------|-------|-------|-----------------|----------------|----------------|-------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1647074-1 | | | | | | | | | |
| Arsenic, TCLP | ND | mg/l | 1.00 | 0.019 | 1 | 06/07/22 17:24 | 06/25/22 18:34 | 1,6010D | GD |
| Barium, TCLP | ND | mg/l | 0.500 | 0.021 | 1 | 06/07/22 17:24 | 06/25/22 18:34 | 1,6010D | GD |
| Cadmium, TCLP | ND | mg/l | 0.100 | 0.010 | 1 | 06/07/22 17:24 | 06/25/22 18:34 | 1,6010D | GD |
| Chromium, TCLP | ND | mg/l | 0.200 | 0.021 | 1 | 06/07/22 17:24 | 06/25/22 18:34 | 1,6010D | GD |
| Lead, TCLP | ND | mg/l | 0.500 | 0.027 | 1 | 06/07/22 17:24 | 06/25/22 18:34 | 1,6010D | GD |
| Selenium, TCLP | ND | mg/l | 0.500 | 0.035 | 1 | 06/07/22 17:24 | 06/25/22 18:34 | 1,6010D | GD |
| Silver, TCLP | ND | mg/l | 0.100 | 0.028 | 1 | 06/07/22 17:24 | 06/25/22 18:34 | 1,6010D | GD |

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 06/05/22 12:00

| Parameter | Result Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|--|------------------|-------|-------|-------|-----------------|----------------|----------------|-------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 02 Batch: WG1647664-1 | | | | | | | | | |
| Arsenic, TCLP | ND | mg/l | 1.00 | 0.019 | 1 | 06/07/22 17:24 | 06/27/22 13:56 | 1,6010D | SB |
| Barium, TCLP | ND | mg/l | 0.500 | 0.021 | 1 | 06/07/22 17:24 | 06/27/22 13:56 | 1,6010D | SB |
| Cadmium, TCLP | ND | mg/l | 0.100 | 0.010 | 1 | 06/07/22 17:24 | 06/27/22 13:56 | 1,6010D | SB |
| Chromium, TCLP | ND | mg/l | 0.200 | 0.021 | 1 | 06/07/22 17:24 | 06/27/22 13:56 | 1,6010D | SB |
| Lead, TCLP | ND | mg/l | 0.500 | 0.027 | 1 | 06/07/22 17:24 | 06/27/22 13:56 | 1,6010D | SB |
| Selenium, TCLP | ND | mg/l | 0.500 | 0.035 | 1 | 06/07/22 17:24 | 06/27/22 13:56 | 1,6010D | SB |
| Silver, TCLP | ND | mg/l | 0.100 | 0.028 | 1 | 06/07/22 17:24 | 06/27/22 13:56 | 1,6010D | SB |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 06/05/22 15:01

| Parameter | Result Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|--|------------------|-------|--------|--------|-----------------|----------------|----------------|-------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 02 Batch: WG1647666-1 | | | | | | | | | |
| Mercury, TCLP | ND | mg/l | 0.0010 | 0.0005 | 1 | 06/07/22 21:01 | 06/09/22 22:07 | 1,7470A | DMB |

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 06/05/22 15:01

| Parameter | Result Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|--|------------------|-------|-------|-------|-----------------|----------------|----------------|-------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 03 Batch: WG1647693-1 | | | | | | | | | |
| Arsenic, TCLP | ND | mg/l | 1.00 | 0.019 | 1 | 06/07/22 17:24 | 06/27/22 13:15 | 1,6010D | SB |
| Barium, TCLP | ND | mg/l | 0.500 | 0.021 | 1 | 06/07/22 17:24 | 06/27/22 13:15 | 1,6010D | SB |
| Cadmium, TCLP | ND | mg/l | 0.100 | 0.010 | 1 | 06/07/22 17:24 | 06/27/22 13:15 | 1,6010D | SB |
| Chromium, TCLP | ND | mg/l | 0.200 | 0.021 | 1 | 06/07/22 17:24 | 06/27/22 13:15 | 1,6010D | SB |
| Lead, TCLP | ND | mg/l | 0.500 | 0.027 | 1 | 06/07/22 17:24 | 06/27/22 13:15 | 1,6010D | SB |
| Selenium, TCLP | ND | mg/l | 0.500 | 0.035 | 1 | 06/07/22 17:24 | 06/27/22 13:15 | 1,6010D | SB |
| Silver, TCLP | ND | mg/l | 0.100 | 0.028 | 1 | 06/07/22 17:24 | 06/27/22 13:15 | 1,6010D | SB |

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 06/05/22 12:00

| Parameter | Result Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|--|------------------|-------|--------|--------|-----------------|----------------|----------------|-------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 03 Batch: WG1647695-1 | | | | | | | | | |
| Mercury, TCLP | ND | mg/l | 0.0010 | 0.0005 | 1 | 06/07/22 21:01 | 06/09/22 22:30 | 1,7470A | DMB |

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 06/05/22 12:00

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

| Parameter | LCS | | LCSD | | %Recovery Limits | RPD | Qual | RPD Limits |
|---|-----------|------|-----------|------|------------------|-----|------|------------|
| | %Recovery | Qual | %Recovery | Qual | | | | |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1647073-2 | | | | | | | | |
| Mercury, TCLP | 97 | | - | | 80-120 | - | | |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1647074-2 | | | | | | | | |
| Arsenic, TCLP | 108 | | - | | 75-125 | - | | 20 |
| Barium, TCLP | 108 | | - | | 75-125 | - | | 20 |
| Cadmium, TCLP | 100 | | - | | 75-125 | - | | 20 |
| Chromium, TCLP | 99 | | - | | 75-125 | - | | 20 |
| Lead, TCLP | 100 | | - | | 75-125 | - | | 20 |
| Selenium, TCLP | 99 | | - | | 75-125 | - | | 20 |
| Silver, TCLP | 99 | | - | | 75-125 | - | | 20 |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 Batch: WG1647664-2 | | | | | | | | |
| Arsenic, TCLP | 108 | | - | | 75-125 | - | | 20 |
| Barium, TCLP | 108 | | - | | 75-125 | - | | 20 |
| Cadmium, TCLP | 106 | | - | | 75-125 | - | | 20 |
| Chromium, TCLP | 108 | | - | | 75-125 | - | | 20 |
| Lead, TCLP | 103 | | - | | 75-125 | - | | 20 |
| Selenium, TCLP | 112 | | - | | 75-125 | - | | 20 |
| Silver, TCLP | 102 | | - | | 75-125 | - | | 20 |



Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2228655

Report Date: 06/27/22

| Parameter | LCS %Recovery | LCSD %Recovery | %Recovery Limits | RPD | RPD Limits |
|---|------------------|-------------------|---------------------|-----|------------|
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 Batch: WG1647666-2 | | | | | |
| Mercury, TCLP | 96 | - | 80-120 | - | |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 03 Batch: WG1647693-2 | | | | | |
| Arsenic, TCLP | 110 | - | 75-125 | - | 20 |
| Barium, TCLP | 108 | - | 75-125 | - | 20 |
| Cadmium, TCLP | 106 | - | 75-125 | - | 20 |
| Chromium, TCLP | 108 | - | 75-125 | - | 20 |
| Lead, TCLP | 103 | - | 75-125 | - | 20 |
| Selenium, TCLP | 109 | - | 75-125 | - | 20 |
| Silver, TCLP | 102 | - | 75-125 | - | 20 |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 03 Batch: WG1647695-2 | | | | | |
| Mercury, TCLP | 95 | - | 80-120 | - | |

Matrix Spike Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | MSD Qual | MSD Found | MSD %Recovery | MSD Qual | Recovery Limits | RPD | RPD Qual | RPD Limits |
|---|---------------|----------|----------|--------------|----------|-----------|---------------|----------|-----------------|-----|----------|------------|
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1647073-3 QC Sample: L2228655-01 Client ID: OIL-01 | | | | | | | | | | | | |
| Mercury, TCLP | ND | 2.5 | 2.275 | 91 | - | - | - | - | 80-120 | - | - | 20 |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1647074-3 QC Sample: L2228655-01 Client ID: OIL-01 | | | | | | | | | | | | |
| Arsenic, TCLP | ND | 12 | 12.3 | 102 | - | - | - | - | 75-125 | - | - | 20 |
| Barium, TCLP | ND | 200 | 203 | 102 | - | - | - | - | 75-125 | - | - | 20 |
| Cadmium, TCLP | ND | 5.3 | 4.95 | 93 | - | - | - | - | 75-125 | - | - | 20 |
| Chromium, TCLP | ND | 20 | 18.6 | 93 | - | - | - | - | 75-125 | - | - | 20 |
| Lead, TCLP | 2.05J | 53 | 52.8 | 100 | - | - | - | - | 75-125 | - | - | 20 |
| Selenium, TCLP | ND | 12 | 11.5 | 96 | - | - | - | - | 75-125 | - | - | 20 |
| Silver, TCLP | ND | 5 | 4.68 | 94 | - | - | - | - | 75-125 | - | - | 20 |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1647664-3 QC Sample: L2228655-02 Client ID: OIL-02 | | | | | | | | | | | | |
| Arsenic, TCLP | ND | 3 | 3.43 | 114 | - | - | - | - | 75-125 | - | - | 20 |
| Barium, TCLP | ND | 50 | 55.6 | 111 | - | - | - | - | 75-125 | - | - | 20 |
| Cadmium, TCLP | ND | 1.32 | 1.43 | 108 | - | - | - | - | 75-125 | - | - | 20 |
| Chromium, TCLP | ND | 5 | 5.47 | 109 | - | - | - | - | 75-125 | - | - | 20 |
| Lead, TCLP | ND | 13.2 | 14.0 | 106 | - | - | - | - | 75-125 | - | - | 20 |
| Selenium, TCLP | ND | 3 | 3.38 | 113 | - | - | - | - | 75-125 | - | - | 20 |
| Silver, TCLP | ND | 1.25 | 1.29 | 103 | - | - | - | - | 75-125 | - | - | 20 |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1647666-3 QC Sample: L2228655-02 Client ID: OIL-02 | | | | | | | | | | | | |
| Mercury, TCLP | ND | 0.5 | 0.4915 | 98 | - | - | - | - | 80-120 | - | - | 20 |

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

| Parameter | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|---|---------------|----------|----------|--------------|-----------|---------------|-----------------|-----|------------|
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1647693-3 QC Sample: L2228655-03 Client ID: W-01 | | | | | | | | | |
| Arsenic, TCLP | ND | 1.2 | 1.32 | 110 | - | - | 75-125 | - | 20 |
| Barium, TCLP | ND | 20 | 21.2 | 106 | - | - | 75-125 | - | 20 |
| Cadmium, TCLP | ND | 0.53 | 0.557 | 105 | - | - | 75-125 | - | 20 |
| Chromium, TCLP | ND | 2 | 2.14 | 107 | - | - | 75-125 | - | 20 |
| Lead, TCLP | ND | 5.3 | 5.45 | 103 | - | - | 75-125 | - | 20 |
| Selenium, TCLP | ND | 1.2 | 1.30 | 108 | - | - | 75-125 | - | 20 |
| Silver, TCLP | ND | 0.5 | 0.506 | 101 | - | - | 75-125 | - | 20 |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1647695-3 QC Sample: L2228655-03 Client ID: W-01 | | | | | | | | | |
| Mercury, TCLP | ND | 0.025 | 0.0243 | 97 | - | - | 80-120 | - | 20 |

Lab Duplicate Analysis Batch Quality Control

Project Name: 100 FERNWOOD
Project Number: 2221810

Lab Number: L2228655
Report Date: 06/27/22

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|--|---------------|------------------|-------|-----|------|------------|
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1647073-4 QC Sample: L2228655-01 Client ID: OIL-01 | | | | | | |
| Mercury, TCLP | ND | ND | mg/l | NC | | 20 |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1647074-4 QC Sample: L2228655-01 Client ID: OIL-01 | | | | | | |
| Arsenic, TCLP | ND | ND | mg/l | NC | | 20 |
| Barium, TCLP | ND | ND | mg/l | NC | | 20 |
| Cadmium, TCLP | ND | ND | mg/l | NC | | 20 |
| Chromium, TCLP | ND | ND | mg/l | NC | | 20 |
| Lead, TCLP | 2.05J | 1.98J | mg/l | NC | | 20 |
| Selenium, TCLP | ND | ND | mg/l | NC | | 20 |
| Silver, TCLP | ND | ND | mg/l | NC | | 20 |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1647664-4 QC Sample: L2228655-02 Client ID: OIL-02 | | | | | | |
| Arsenic, TCLP | ND | ND | mg/l | NC | | 20 |
| Barium, TCLP | ND | ND | mg/l | NC | | 20 |
| Cadmium, TCLP | ND | ND | mg/l | NC | | 20 |
| Chromium, TCLP | ND | ND | mg/l | NC | | 20 |
| Lead, TCLP | ND | ND | mg/l | NC | | 20 |
| Selenium, TCLP | ND | ND | mg/l | NC | | 20 |
| Silver, TCLP | ND | ND | mg/l | NC | | 20 |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1647666-4 QC Sample: L2228655-02 Client ID: OIL-02 | | | | | | |
| Mercury, TCLP | ND | ND | mg/l | NC | | 20 |



Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2228655

Report Date: 06/27/22

| Parameter | Native Sample | Duplicate Sample | Units | RPD | RPD Limits |
|--|---------------|------------------|-------|-----|------------|
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1647693-4 QC Sample: L2228655-03 Client ID: W-01 | | | | | |
| Arsenic, TCLP | ND | ND | mg/l | NC | 20 |
| Barium, TCLP | ND | ND | mg/l | NC | 20 |
| Cadmium, TCLP | ND | ND | mg/l | NC | 20 |
| Chromium, TCLP | ND | ND | mg/l | NC | 20 |
| Lead, TCLP | ND | ND | mg/l | NC | 20 |
| Selenium, TCLP | ND | ND | mg/l | NC | 20 |
| Silver, TCLP | ND | ND | mg/l | NC | 20 |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1647695-4 QC Sample: L2228655-03 Client ID: W-01 | | | | | |
| Mercury, TCLP | ND | ND | mg/l | NC | 20 |

INORGANICS & MISCELLANEOUS

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2228655

Report Date: 06/27/22

SAMPLE RESULTS

Lab ID: L2228655-01

Client ID: OIL-01

Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 09:00

Date Received: 06/01/22

Field Prep: Not Specified

Sample Depth:

Matrix: Oil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|----|-----|-----------------|---------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab | | | | | | | | | | |
| pH (H) | 6.4 | | SU | - | NA | 1 | - | 06/02/22 20:27 | 1,9045D | AS |
| Flash Point | >150 | | deg F | 70 | NA | 1 | - | 06/14/22 19:17 | 1,1010A | MD |



Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2228655

Report Date: 06/27/22

SAMPLE RESULTS

Lab ID: L2228655-02

Client ID: OIL-02

Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 10:00

Date Received: 06/01/22

Field Prep: Not Specified

Sample Depth:

Matrix: Oil

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|----|-----|-----------------|---------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab | | | | | | | | | | |
| pH (H) | 7.0 | | SU | - | NA | 1 | - | 06/02/22 20:27 | 1,9045D | AS |
| Flash Point | >150 | | deg F | 70 | NA | 1 | - | 06/14/22 19:17 | 1,1010A | MD |



Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2228655

Report Date: 06/27/22

SAMPLE RESULTS

Lab ID: L2228655-03

Client ID: W-01

Sample Location: ROCHESTER, NY 14614

Date Collected: 06/01/22 10:30

Date Received: 06/01/22

Field Prep: Not Specified

Sample Depth:

Matrix: Water

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|----|-----|-----------------|---------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab | | | | | | | | | | |
| pH (H) | 7.6 | | SU | - | NA | 1 | - | 06/02/22 23:25 | 121,4500H+B | AS |
| Flash Point | >150 | | deg F | 70 | NA | 1 | - | 06/14/22 19:17 | 1,1010A | MD |



Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2228655

Report Date: 06/27/22

| Parameter | LCS | | LCSD | | %Recovery Limits | RPD | Qual | RPD Limits |
|--|-----------|------|-----------|------|------------------|-----|------|------------|
| | %Recovery | Qual | %Recovery | Qual | | | | |
| General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1645488-1 | | | | | | | | |
| pH | 100 | | - | | 99-101 | - | | |
| General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG1646037-1 | | | | | | | | |
| pH | 100 | | - | | 99-101 | - | | 5 |
| General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG1650561-1 | | | | | | | | |
| Flash Point | 101 | | - | | 96-104 | - | | |
| General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1650562-1 | | | | | | | | |
| Flash Point | 101 | | - | | 96-104 | - | | |

Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 FERNWOOD

Project Number: 2221810

Lab Number: L2228655

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| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---------------|------------------|-------|-----|------|------------|
| General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1645488-2 QC Sample: L2227571-01 Client ID: DUP Sample | | | | | | |
| pH | 5.9 | 6.0 | SU | 2 | | 5 |
| General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1646037-2 QC Sample: L2228655-03 Client ID: W-01 | | | | | | |
| pH (H) | 7.6 | 7.4 | SU | 3 | | 5 |

Project Name: 100 FERNWOOD
Project Number: 2221810

Serial_No:06272220:45
Lab Number: L2228655
Report Date: 06/27/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---------------|---------------------------------------|--------|------------|----------|------------|------|--------|------------------|---|
| L2228655-01A | Vial unpreserved | A | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14),ARCHIVE() |
| L2228655-01B | Amber 250ml unpreserved | A | NA | | 3.3 | Y | Absent | | FLASH() |
| L2228655-01C | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365) |
| L2228655-01D | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365) |
| L2228655-01E | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365) |
| L2228655-01F | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365) |
| L2228655-01G | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365) |
| L2228655-01H | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365) |
| L2228655-01I | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365) |
| L2228655-01J | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365) |
| L2228655-01K | Glass 500ml/16oz unpreserved | A | NA | | 3.3 | Y | Absent | | NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365) |
| L2228655-01K1 | Glass 500ml unpreserved split | A | NA | | 3.3 | Y | Absent | | - |
| L2228655-01R | Vial MeOH preserved split | A | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2228655-01W | Amber 1000ml unpreserved Extracts | A | NA | | 3.3 | Y | Absent | | ARCHIVE() |
| L2228655-01X | Plastic 120ml HNO3 preserved Extracts | A | NA | | 3.3 | Y | Absent | | CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180) |
| L2228655-01X9 | Tumble Vessel | A | NA | | 3.3 | Y | Absent | | - |
| L2228655-02A | Vial unpreserved | A | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14),ARCHIVE() |
| L2228655-02B | Amber 250ml unpreserved | A | NA | | 3.3 | Y | Absent | | FLASH() |
| L2228655-02C | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | PH-9045(1),NYTCL-8082(365) |

Project Name: 100 FERNWOOD
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Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---------------------|---------------------------------------|---------------|-------------------|-----------------|-------------------|-------------|-------------|-------------------------|---|
| L2228655-02D | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | PH-9045(1),NYTCL-8082(365) |
| L2228655-02E | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | PH-9045(1),NYTCL-8082(365) |
| L2228655-02F | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | PH-9045(1),NYTCL-8082(365) |
| L2228655-02G | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | PH-9045(1),NYTCL-8082(365) |
| L2228655-02H | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | PH-9045(1),NYTCL-8082(365) |
| L2228655-02I | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | PH-9045(1),NYTCL-8082(365) |
| L2228655-02J | Glass 250ml/8oz unpreserved | A | NA | | 3.3 | Y | Absent | | PH-9045(1),NYTCL-8082(365) |
| L2228655-02K | Glass 500ml/16oz unpreserved | A | NA | | 3.3 | Y | Absent | | PH-9045(1),NYTCL-8082(365) |
| L2228655-02R | Vial MeOH preserved split | A | NA | | 3.3 | Y | Absent | | NYTCL-8260-R2(14) |
| L2228655-02W | Amber 1000ml unpreserved Extracts | A | NA | | 3.3 | Y | Absent | | TCLP-8270(14),PEST-TCLP*(14),HERB-TCLP*(14) |
| L2228655-02X | Plastic 120ml HNO3 preserved Extracts | A | NA | | 3.3 | Y | Absent | | CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180) |
| L2228655-02X9 | Tumble Vessel | A | NA | | 3.3 | Y | Absent | | - |
| L2228655-03A | Vial unpreserved | A | NA | | 3.3 | Y | Absent | | TCLP-EXT-ZHE(14) |
| L2228655-03B | Vial unpreserved | A | NA | | 3.3 | Y | Absent | | TCLP-EXT-ZHE(14) |
| L2228655-03C | Vial unpreserved | A | NA | | 3.3 | Y | Absent | | TCLP-EXT-ZHE(14) |
| L2228655-03D | Amber 120ml unpreserved | A | 7 | 7 | 3.3 | Y | Absent | | NYTCL-8082-LVI(365) |
| L2228655-03E | Amber 120ml unpreserved | A | 7 | 7 | 3.3 | Y | Absent | | NYTCL-8082-LVI(365) |
| L2228655-03F | Amber 250ml unpreserved | A | 7 | 7 | 3.3 | Y | Absent | | FLASH(),PH-4500(.01) |
| L2228655-03G | Amber 500ml unpreserved | A | 7 | 7 | 3.3 | Y | Absent | | FLASH(),PH-4500(.01) |
| L2228655-03H | Plastic 950ml unpreserved | A | 7 | 7 | 3.3 | Y | Absent | | PH-4500(.01) |
| L2228655-03I | Amber 1000ml unpreserved | A | 7 | 7 | 3.3 | Y | Absent | | FLASH(),PH-4500(.01) |
| L2228655-03J | Amber 1000ml unpreserved | A | 7 | 7 | 3.3 | Y | Absent | | FLASH(),PH-4500(.01) |
| L2228655-03W | Amber 1000ml unpreserved Extracts | A | NA | | 3.3 | Y | Absent | | TCLP-8270(14),PEST-TCLP*(14),HERB-TCLP*(14) |
| L2228655-03X | Plastic 120ml HNO3 preserved Extracts | A | NA | | 3.3 | Y | Absent | | CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180) |
| L2228655-03X9 | Tumble Vessel | A | NA | | 3.3 | Y | Absent | | - |
| L2228655-03Y | Vial unpreserved Extracts | A | NA | | 3.3 | Y | Absent | | TCLP-VOA(14) |

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Container Information

Container ID **Container Type**

L2228655-03Z Vial unpreserved Extracts

| Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---------------|-----------------------|---------------------|-----------------------|-------------|-------------|-----------------------------|--------------------|
| A | NA | | 3.3 | Y | Absent | | TCLP-VOA(14) |

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GLOSSARY

Acronyms

| | |
|----------|--|
| DL | - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) |
| EDL | - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME). |
| EMPC | - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration. |
| EPA | - Environmental Protection Agency. |
| LCS | - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes. |
| LCSD | - Laboratory Control Sample Duplicate: Refer to LCS. |
| LFB | - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes. |
| LOD | - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) |
| LOQ | - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) |
| MDL | - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. |
| MS | - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values. |
| MSD | - Matrix Spike Sample Duplicate: Refer to MS. |
| NA | - Not Applicable. |
| NC | - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit. |
| NDPA/DPA | - N-Nitrosodiphenylamine/Diphenylamine. |
| NI | - Not Ignitable. |
| NP | - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil. |
| NR | - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests. |
| RL | - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable. |
| RPD | - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report. |
| SRM | - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples. |
| STLP | - Semi-dynamic Tank Leaching Procedure per EPA Method 1315. |
| TEF | - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD. |
| TEQ | - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values. |
| TIC | - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations. |

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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. 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

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Data Qualifiers

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.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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Lab Number: L2228655
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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; 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.

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, SM4500CI-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, **LCHAT 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, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522, EPA 537.1.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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

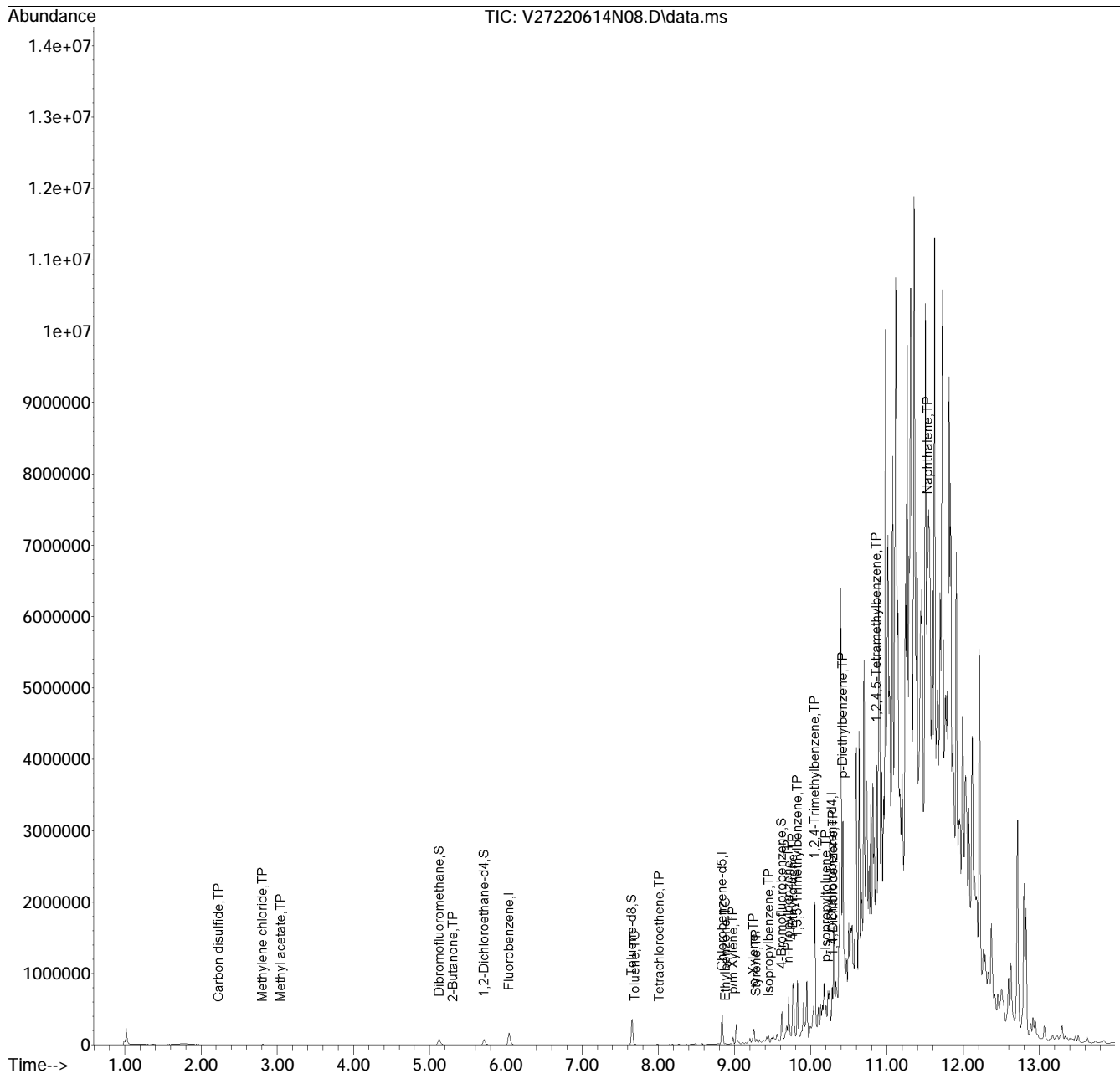
| | | | | | | |
|---|---|---|------------------------------|---|---------------------------------------|--|
|  | NEW YORK CHAIN OF CUSTODY | Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105 | Page <u>1</u> of <u>1</u> | Date Rec'd in Lab <u>6/2/22</u> | ALPHA Job # <u>L2228655</u> | |
| | 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 | | | | |
| Client Information Client: <u>LaBella</u> Address: <u>300 State St</u> <u>Rochester, NY 14614</u> Phone: <u>585-454-6110</u> Fax: <u>dbrantner@LaBellaPC.com</u> Email: <u>jfolger@LaBellaPC.com</u> | | Project Information Project Name: <u>100 Fernwood</u> Project Location: <u>Rochester, NY 14614</u> Project # <u>2221810</u> (Use Project name as Project #) <input type="checkbox"/> | | Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other | | Billing Information <input checked="" type="checkbox"/> Same as Client Info PO# <u>2221810</u> |
| Project Manager: <u>Draw Brantner</u> ALPHAQuote #: | | Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge | | Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other: | | |
| Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days: | | These Samples have been previously analyzed by Alpha <input type="checkbox"/> | | ANALYSIS | | |
| Other project specific requirements/comments: | | Please specify Metals or TAL. | | Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below) | | |
| ALPHA Lab ID (Lab Use Only) | Sample ID | Collection Date Time | Sample Matrix | Sampler's Initials | Full TCLP PCBs PH Flashpoint | Sample Specific Comments |
| <u>28655-01</u> | <u>01A 0:1-01</u> | <u>6/1/22</u> <u>9:00</u> | <u>oil</u> | <u>[Signature]</u> | <u>X</u> <u>X</u> <u>X</u> <u>X</u> | |
| <u>-02</u> | <u>0:1-02</u> | <u>1</u> <u>10:00</u> | <u>oil</u> | <u>[Signature]</u> | <u>X</u> <u>X</u> <u>X</u> <u>X</u> | |
| <u>-03</u> | <u>w-01</u> | <u>1</u> <u>10:30</u> | <u>water</u> | <u>[Signature]</u> | <u>X</u> <u>X</u> <u>X</u> <u>X</u> | |
| Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O 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 | | 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.) |
| Container Type | | Preservative | | | | |
| Relinquished By: <u>[Signature]</u> | | Date/Time: <u>6/1/22 11:30</u> | | Received By: <u>SECURE STORAGE AAL</u> | | Date/Time: <u>6-1-22 11:30</u> |
| Relinquished By: <u>SECURE STORAGE AAL</u> | | Date/Time: <u>6/1/22 12:30</u> | | Received By: <u>RCunningham AAL</u> | | Date/Time: <u>6-1-22 12:30</u> |
| Relinquished By: <u>RCunningham AAL</u> | | Date/Time: <u>6/1/22 12:30</u> | | Received By: <u>[Signature]</u> | | Date/Time: <u>6/2/22 00:30</u> |

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA127\2022\220614N\
 Data File : V27220614N08.D
 Acq On : 14 Jun 2022 08:00 pm
 Operator : VOA127:JC
 Sample : 12228655-02,31,1.08,10,0.100,,r
 Misc : WG1650739,ICAL18933
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 15 08:00:58 2022
 Quant Method : I:\VOLATILES\VOA127\2022\220614N\V127_220413B_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Thu Apr 14 07:05:09 2022
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox4N\V27220614N01.D•

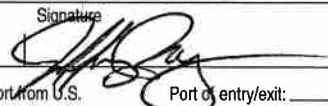





APPENDIX 5

Drum Disposal Information

GENERATOR
 INT'L
 TRANSPORTER
 DESIGNATED FACILITY

| | | | | |
|--|---|---|--|--|
| NON-HAZARDOUS WASTE MANIFEST | 1. Generator ID Number NOT REQUIRED | 2. Page 1 of 1 | 3. Emergency Response Phone 800-807-7455 | 4. Waste Tracking Number SUN - 12410 |
| 5. Generator's Name and Mailing Address ROCHESTER HOUSING AUTHORITY 625 WEST MAIN STREET ROCHESTER NY 14611 | | Generator's Site Address (if different than mailing address) ROCHESTER HOUSING AUTHORITY 100 FERNWOOD AVENUE ROCHESTER NY 14621 | | |
| 6. Transporter 1 Company Name SUN ENVIRONMENTAL CORP. | | U.S. EPA ID Number NYR000176958 | | |
| 7. Transporter 2 Company Name | | U.S. EPA ID Number | | |
| 8. Designated Facility Name and Site Address MONROE COUNTY ECOPARK / WM OF NY LLC 10 AVION DRIVE ROCHESTER NY 14624 | | U.S. EPA ID Number NYR000188474 | | |
| 9. Waste Shipping Name and Description | | 10. Containers | | 11. Total Quantity |
| | | No. | Type | 12. Unit Wt./Vol. |
| 1. X UN1268, Petroleum products, n.o.s. (GASOLINE, MOTOR OIL), 3, PGI | | 001 | DM | 00400 P |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 13. Special Handling Instructions and Additional Information SUN JOB # J000763 (LABELLA ASSOCIATES) PO# 061427 | | | | |
| 14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. | | | | |
| Generator's/Offoror's Printed/Typed Name Jeffrey Folger | | Signature  | | Month Day Year 7 5 22 |
| 15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ | | | | |
| 16. Transporter Acknowledgment of Receipt of Materials | | | | |
| Transporter 1 Printed/Typed Name Jeff Grant | | Signature  | | Month Day Year 7 5 22 |
| Transporter 2 Printed/Typed Name | | Signature | | Month Day Year |
| 17. Discrepancy | | | | |
| 17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | |
| Manifest Reference Number: _____ | | | | |
| 17b. Alternate Facility (or Generator) | | U.S. EPA ID Number | | |
| Facility's Phone: _____ | | | | |
| 17c. Signature of Alternate Facility (or Generator) | | Month Day Year | | |
| 18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a | | | | |
| Printed/Typed Name | | Signature | | Month Day Year |

NON-HAZARDOUS WASTE MANIFEST 1. Generator ID Number: **NOT REQUIRED** 2. Page 1 of **1** 3. Emergency Response Phone: **800-807-7455** 4. Waste Tracking Number: **SUN - 12408**

5. Generator's Name and Mailing Address: **LABELLA ASSOCIATES
300 STATE STREET #201
ROCHESTER NY 14614** Generator's Site Address (if different than mailing address): **LABELLA ASSOCIATES
100 FERNWOOD AVE
ROCHESTER NY 14621**

6. Transporter 1 Company Name: **SUN ENVIRONMENTAL CORP.** U.S. EPA ID Number: **NYR000176958**
7. Transporter 2 Company Name: _____ U.S. EPA ID Number: _____

8. Designated Facility Name and Site Address: **AMERICAN RECYCLERS INC.
177 WALES AVENUE
TONAWANDA NY 14150** U.S. EPA ID Number: **NYR000030809**
Facility's Phone: **716 695-6720**

| 9. Waste Shipping Name and Description | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. |
|---|----------------|------|--------------------|-------------------|
| | No. | Type | | |
| 1. Non-RCRA, non-DOT REGULATED (OIL, GROUNDWATER) | 003 | DM | 00700 | P |
| 2. Non-RCRA, non-DOT REGULATED (NON-HAZ DEBRIS) | 001 | DM | 00100 | P |
| 3. | | | | |
| 4. | | | | |

13. Special Handling Instructions and Additional Information: **1)B-20195IN 2x55 2)X-20196L 1x55 SUN JOB# J000763 PO#061426**

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: **Jeffrey Folger** Signature: *[Signature]* Month: **7** Day: **5** Year: **22**

15. International Shipments: Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: **Jeff Grant** Signature: *[Signature]* Month: **7** Day: **5** Year: **22**

Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

17. Discrepancy

17a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number: _____ U.S. EPA ID Number: _____

17b. Alternate Facility (or Generator): _____ U.S. EPA ID Number: _____

Facility's Phone: _____

17c. Signature of Alternate Facility (or Generator): _____ Month: _____ Day: _____ Year: _____

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: **Garrett Sala** Signature: *[Signature]* Month: **07** Day: **05** Year: **22**

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY