

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation

625 Broadway, 11th Floor, Albany, NY 12233-7020

P: (518)402-9543 | F: (518)402-9547

www.dec.ny.gov

July 06, 2023

Carriage Factory Special Needs Apartments, L.P.
James M. Whalen
1931 Buffalo Road
Rochester, NY 14624

Re: Site Management (SM) Periodic Review Report (PRR) Response Letter

**Carriage Factory, Rochester
Monroe County, Site No.: C828184**

Dear James M. Whalen (as the Certifying Party):

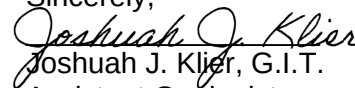
The Department has reviewed your Periodic Review Report (PRR) and IC/EC Certification for following period: March 16, 2022, to March 16, 2023.

The Department hereby accepts the PRR and associated Certification but the request to move B108-MW and RW-6 to a biennial sampling schedule has been disapproved. Concentrations of cis-1,2 Dichloroethene, PCE, and Vinyl Chloride remain in flux and continue to show elevated contamination levels. The Department is requiring that these wells, as well as RW-2 and RW-5, continued to be sampled on an annual basis. This request may be revisited in the near future provided the Department sees continued improvement with the levels of contamination. In future submissions, the Department's would also like to see a groundwater contour map included in the report.

Your frequency of Periodic Reviews for this site is 1 year. Your next PRR is due on April 15, 2024. You will receive a reminder letter and updated certification form 75-days prior to the due date. Regardless of receipt or not, of the reminder notice, the next PRR including the signed certification form, is still due on the date specified above.

If you have any questions, or need additional forms, please contact me at 585-226-5357 or e-mail: joshuah.klier@dec.ny.gov.

Sincerely,


Joshuah J. Klier, G.I.T.
Assistant Geologist

cc: David Pratt, NYSDEC
Adam Morgan, NYSDEC
Stephanie Selmer, NYSDOH
Justin Deming, NYSDOH
Laura Best, Stantec Consulting Services
Dwight Harrienger, Stantec Consulting Services



**Periodic Review Report
Former Carriage Factory
NYSDEC Site #C828184**

**33 Litchfield Street
Rochester, Monroe County, New York**

April 12, 2023

Prepared for:

New York State Department of
Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Prepared by:

Stantec Consulting Services Inc.
61 Commercial Street, Suite 100
Rochester, New York 14614

Prepared on Behalf of:

Carriage Factory Special
Needs Apartments, L.P.
1931 Buffalo Road
Rochester, New York 14624

TABLE OF CONTENTS

TABLE OF CONTENTS	1
CERTIFICATION.....	1
1.0 INTRODUCTION AND OVERVIEW	2
1.1 SUMMARY OF SITE CONTAMINATION AND REMEDIAL HISTORY	2
1.2 SITE MANAGEMENT REQUIREMENTS.....	4
2.0 EFFECTIVENESS OF THE REMEDIAL PROGRAM.....	6
2.1 GROUNDWATER SAMPLING	6
2.2 SUB-SLAB DEPRESSURIZATION SYSTEM MONITORING	7
2.3 SUMP SAMPLING AND PURGE WATER DISCHARGE	7
2.4 SITE INSPECTION	8
2.5 COMPLIANCE	8
2.6 RECOMMENDATIONS	8
3.0 REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS	9
4.0 COMPLIANCE WITH IC/EC REQUIREMENTS AND THE OM&M PLAN.....	10
5.0 OVERALL CONCLUSIONS AND RECOMMENDATIONS	11

TABLES

Table 1	Monthly Monitoring of the Sub-Slab Depressurization System
Table 2	Summary of Analytical Results in Groundwater
Table 3	Summary of Groundwater Field Parameters
Table 4	Summary of Groundwater Elevations
Table 5	Quarterly and Annual Monitoring of the Sub-Slab Depressurization System
Table 6	Summary of Analytical Results in Post-Construction Purge Water and Discharge Permit Samples

FIGURES

Figure 1	Site Location Map
Figure 2	Groundwater Monitoring Wells
Figure 3	Summary of CVOC Degradation Over Time – All Wells
Figure 4	Annual SSDS Vacuum Monitoring, February 2023

(see next page for List of Appendices)

APPENDICES

Appendix A IC/EC Certification Forms

Appendix B – Field Monitoring Logs

Appendix C – Laboratory Analytical Reports

Appendix D – Monroe County Department of Environmental Services Monitoring Report

Appendix E – Annual Site Inspection Form

CERTIFICATION

I, Dwight Harrienger, P.E., of Stantec Consulting Services Inc., 61 Commercial Street, Suite 100, Rochester, NY 14614, am certifying as the Owner's Designated Site Representative. For each institutional or engineering control identified for the site, I certify that all of the following statements are true:

- The inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control;
- 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;
- If a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for the intended purpose under the document;
- Use of the site is compliant with the Environmental Easement;
- The engineering control systems are performing as designed and are effective;
- 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;
- The information presented in this report is accurate and complete.

Dwight Harrienger

Dwight Harrienger, P.E.

Date: April 12, 2023



1.0 INTRODUCTION AND OVERVIEW

Stantec Consulting Services Inc. (Stantec) has prepared this Periodic Review Report (PRR) and the attached Institutional Control/Engineering Control (IC/EC) forms (Appendix A) to summarize Site Management (SM) activities at the Former Carriage Factory located at 33 Litchfield Street, Rochester, New York (Site) for the period of March 16, 2022 to March 16, 2023.

This PRR is prepared on behalf of Carriage Factory Special Needs Apartments, L.P. (CFSNA), the current owner of the Site, to fulfill the PRR requirements of the Brownfield Cleanup Agreement (BCA) under the Brownfield Cleanup Program (BCP) of the New York State Department of Environmental Conservation (NYSDEC). The Site is identified by the NYSDEC as BCA Site Number C828184.

The Site is a 1.5-acre parcel bounded by: Wiley Street and DeVault Storage Services, Inc. to the north; a parking lot to the south; Litchfield Street, a vacant warehouse, and the Canal Street BCP Site #C828206 (which is currently undergoing construction and remediation activities) to the east; and Clark Alley and residences to the west. A Site Location Map is presented on Figure 1.

1.1 SUMMARY OF SITE CONTAMINATION AND REMEDIAL HISTORY

The building was originally built circa 1900 for the production of horse-drawn carriages and is one of the oldest former manufacturing plants in Rochester. Historical Site operations included manufacture of wood trim/accent-related products for the automobile industry, other automotive parts, and clothing washers and dryers. Operations at the Site ceased in approximately 1993.

Beginning in 2010, a series of Phase I and Phase II Environmental Site Assessments (ESAs) were performed by Development and Environmental Consultants, Inc. (DECI) in association with real estate due diligence by CFSNA prior to its potential purchase of the property. Results of these investigations indicated the presence of chlorinated volatile organic compounds (CVOCs) in soil and/or in groundwater at concentrations above the applicable NYSDEC's soil cleanup objectives (SCOs) and groundwater standards. Additionally, urban fill consisting of ash, slag, cinders, bricks, concrete, and varying amounts of silt, sand, and gravel was encountered at most exterior locations with thicknesses ranging from 1.8 to 4.4 feet.

Based on the results of the ESAs, CFSNA entered the NYSDEC's BCP in February 2013. Soon thereafter, construction began on renovation of the building for use as apartments. Stantec concurrently performed a Remedial Investigation (RI) to further identify and delineate contamination at the Site. Details of the RI activities and methodology are presented in the Remedial Investigation Report dated August 2014. The RI further characterized the extent of contamination at the Site: a soil gas survey identified the areal extent of CVOC impacts; a geophysical survey inside the building indicated numerous buried pipe runs; surface soil samples in urban fill material exhibited concentrations of several metals, including lead, mercury, arsenic, and barium, at levels in excess of NYSDEC Restricted Residential (RR) SCOs; groundwater monitoring well installation and subsequent gauging showed that groundwater levels were highest beneath the building and flow direction was radially away from the building; groundwater sampling showed that samples from thirteen of the sixteen monitoring wells on and near the Site exceeded

NYSDEC T.O.G.S. 1.1.1 groundwater standards for one or more CVOCs; and the types and concentration distribution of CVOCs were indicative that reductive dechlorination of these contaminants was occurring naturally.

Based on the results of the RI, an Interim Remedial Measures Work Plan (IRMWP) was submitted to the NYSDEC in May 2013 and was approved on August 30, 2013. To accomplish the objectives of the IRMWP, Stantec performed the following primary activities:

- Observed and documented construction activities that involved soil excavation, grading, handling, stockpiling and disposal;
- Arranged for and documented pumping, containerizing, treatment and/or discharge of groundwater entering excavations;
- Performed visual and instrument screening of excavated and in-situ soils;
- Obtained permits on behalf of CFSNA from the Monroe County Department of Environmental Services (MCDES) for temporary and long-term discharge of impacted groundwater to the sanitary sewer;
- Developed a Contained-In Demonstration Work Plan (CIDWP) to address the characterization and disposal of chlorinated solvent-impacted soils;
- Collected samples of known, suspected, or potentially impacted media for laboratory analysis, including:
 - Soils in interior and exterior excavations to confirm contaminant levels in remaining soils;
 - Stockpiles of impacted and non-impacted materials in accordance with CIDWP requirements and to obtain landfill disposal approval or to demonstrate acceptability for on-site reuse;
 - Soil from supplemental exterior test borings performed in areas of known CVOC impacts, in accordance with the CIDWP;
 - Waters entering interior excavations or the elevator pit for characterization to obtain sewer discharge approval; and
 - Groundwater from monitoring wells for remedial program monitoring.
- Designed and oversaw installation of a piping system beneath the building to facilitate injection of a carbon substrate material as part of the enhanced reductive dechlorination (ERD) groundwater remediation program;
- Designed and oversaw installation of a vapor barrier and a sub-slab depressurization system (SSDS) to mitigate the potential for soil vapor intrusion (SVI) into the building;
- Facilitated waste profile preparation and landfill approval for disposal of impacted soils; and
- Performed injection of a sodium lactate solution to provide the carbon substrate for the ERD groundwater remediation program.

Based on observations and sampling data from the RI and IRM programs, contamination remained in subsurface soils and groundwater at the Site:

- Interior Soils - Although the majority of impacted soil was removed from the basement during several phases of excavation, occasional indications of remaining contamination, specifically in the atrium area, in the form of minor staining or low-level photoionization detector (PID) readings were observed. Accordingly, the potential for impacted soil to be encountered in the basement still existed. As noted above, the SSDS was installed to mitigate the potential for sub-slab vapors to enter the building.
- Exterior Soils - Virtually all the exterior areas south of the building were excavated for driveway and parking lot construction, sidewalk and landscape area development or utility installation. In all these areas, a demarcation layer (filter fabric or Geogrid) was placed at the base of the excavations prior to placing backfill soils or other materials (clean backfill soil/topsoil, concrete, paving stones or asphalt).
- Groundwater – Groundwater monitoring events conducted after the sodium lactate injection described above indicated that the parent VOCs tetrachloroethylene (PCE) and trichloroethylene (TCE) were degrading into the daughter compounds of the cis- and trans- isomers of 1,2-dichloroethylene (1,2-DCE) and vinyl chloride (VC); however, concentrations remained above groundwater standards for some wells.

A supplemental ERD injection was performed at the Site in November 2015. Over 16,500 gallons of a 20,000 milligrams per liter (mg/L) sodium lactate and water solution were injected into the nine horizontal sub-slab injection legs and into groundwater monitoring wells RW-4 and B102-MW located south of the building. The supplemental injection improved the groundwater geochemistry conditions needed to promote the ERD process. Consequently, CVOC concentrations continued to exhibit long-term patterns of declining or stable concentrations at most of the wells.

1.2 SITE MANAGEMENT REQUIREMENTS

Site management activities were implemented in accordance with the NYSDEC-approved Site Management Plan (SMP; December 2014). The SMP includes the following required Institutional Controls (ICs) and Engineering Controls (ECs):

- The property uses are limited to *Restricted Residential, Commercial and Industrial* as described in 6 NYCRR Part 375-1.8(g)(2)(ii-iv) as long as the following long-term controls are employed:
 - Continuous SSDS operation to mitigate the potential for SVI.
 - Groundwater extraction and *ex-situ* treatment in the form of operation of the elevator pit sump pump and effluent discharge to a sanitary sewer for treatment at an approved publicly owned treatment works (POTW).
 - Maintenance of the soil cover system, building floor slabs, and sub-slab vapor barrier. NYSDEC approval must be obtained in advance for activities which breach impervious surfaces or disturb soils on the Site, and those activities must be performed in accordance with the SMP.

- Maintaining intact and undisturbed the components of the in-situ groundwater remediation system, which includes piping installed beneath the building slab and exterior piping portals located immediately to the south of the building.
- A prohibition on the use of groundwater underlying the property (other than for sampling for monitoring purposes) without necessary water quality treatment to render it safe for use for its intended, non-potable industrial purpose, as determined by the NYSDOH or the Monroe County Department of Health. The user must first notify and obtain written approval to do so from the NYSDEC. Groundwater is prohibited from use as a potable water supply within the City of Rochester limits.
- The Site may not be used for purposes with a higher level of use, such as *Unrestricted* or *Residential*, without additional remediation and amendment of the NYSDEC-approved Environmental Easement.
- Deed Restrictions have been implemented to restrict land use to *Restricted Residential*, *Commercial*, and *Industrial* uses, restrict the use of groundwater, and prevent future exposure to any contaminants of concern remaining at the Site.
- Vegetable gardens and farming on the property are prohibited.
- Annually (or as otherwise directed by NYSDEC), CFSNA must certify to the Department as to the continued presence and effectiveness of the ICs/ECs described above.

The SMP specifies a program for monthly system performance monitoring of the SSDS. CFSNA employees perform routine monitoring including:

- Verifying normal system operating conditions and making observations of any abnormalities, whether visual, olfactory or auditory, with respect to the SSDS; and
- Verification and recording of blower operation and vacuum levels at SSDS fan manometers located in the fifth-floor utility room.

Data was recorded on the Monthly Monitoring Form provided in Appendix I of the SMP; the completed tabulation is provided as Table 1. Field logs from CFSNA are presented in Appendix B.

2.0 EFFECTIVENESS OF THE REMEDIAL PROGRAM

2.1 GROUNDWATER SAMPLING

During the reporting period covered by this PRR, one annual groundwater sampling event was completed on September 13, 2022. The following four wells were included in this sampling event: RW-2, RW-5, RW-6, and B108-MW. Well locations are provided on Figure 2. Analytical results from this event, in addition to previous groundwater sampling results, are included on Table 2, and the laboratory analytical report is included in Appendix C. Figure 3 shows graphs of concentrations of CVOCs over time for both the sampled and discontinued wells. Table 3 summarizes water quality parameters recorded during each of the groundwater sampling events that have occurred during this reporting period as well as previous events. Table 4 summarizes groundwater elevations measured during the September 2022 sampling event as well as previous events.

Analytical results from the September 2022 sampling event indicate that parent compounds PCE and TCE continue to degrade into daughter products cis- and trans-1,2-DCE and VC. Although dissolved-phase concentrations of one or more Site CVOCs were above regulatory groundwater standards in the wells sampled, the majority of total Site CVOCs are degradation daughter compounds; the concentration of PCE and TCE ranged from 5% to 38% of the total CVOC concentration.

Wells RW-6 and B108-MW exhibited results that are consistent with trends observed across the last 5 years. Consistent with the last several events, the only exceedances at B108-MW are for PCE and cis-1,2-DCE, and the concentrations – similar to past events – are only slightly above the groundwater standard. The slightly greater concentration of cis-1,2-DCE at B108-MW is interpreted to indicate ongoing degradation process at the site. At RW-6, the concentration of PCE, cis-1,2-DCE, and VC remained above standards but continue to exhibit a decreasing pattern.

Wells RW-2 and RW-5 exhibited higher CVOC concentrations since the previous sampling event. It is noted that well RW-5 is located on the east side of the Litchfield Street right-of-way adjacent to the Canal Street BCP site, and well RW-2 is located within the building directly west of RW-5. The most prominent increase at RW-2 was for the daughter products, again suggesting that the degradation process is ongoing.

Monitoring of groundwater geochemistry parameters indicates that anaerobic conditions favorable to degradation were present at three of the four sampled locations, with dissolved oxygen ranging from 0.13 mg/L to 0.30 mg/L. Due to drawdown during low-flow purging, well RW-2 was alternatively purged volumetrically by bailer and sampled by bailer. Prior to switching the purge and sample approach, low-flow dissolved oxygen readings were declining (not stable) but the last measurement of 0.50 mg/L appears to indicate anaerobic conditions at this location as well. Oxidizing conditions were measured at the four sampled wells, with ORP measurements ranging from 82.8 mV to 128.0 mV.

Groundwater elevations measured at three of the four sampled wells were approximately 0.3 to 0.8 feet lower than observed in the previous year, potentially reflecting the lower than usual precipitation in 2022. Conversely, the groundwater elevation at RW-5 was almost one foot higher than the previous year and

generally higher than what is typically observed during this season. As stated above, well RW-5 is located on the east side of the Litchfield Street right-of-way adjacent to the Canal Street BCP site.

2.2 SUB-SLAB DEPRESSURIZATION SYSTEM MONITORING

The SSDS active parameters are monitored monthly by CFSNA. This includes collecting vacuum readings from the three system manometers and confirming that the fans are powered on. These observations are presented on Table 1 and a copy of the field log obtained from CFSNA is presented in Appendix B. Based on the data obtained, the fans remained powered on for the duration of this reporting period. Throughout the reporting period, the vacuum measured at the manometers remained consistently between 2.0 and 2.5 inches of water column (IWC) for all three fans, which is consistent within the design operating parameters.

Monitoring of the six vacuum monitoring points (VMPs) located throughout the building (see locations on Figure 4) continued to occur at a quarterly frequency during this reporting period. A micro-manometer was used to measure the vacuum at each VMP. The data collected during these quarterly monitoring events are included in Table 5 and demonstrate that adequate vacuum (less than -0.002 IWC) was recorded at each VMP during the reporting period.

An annual SSDS monitoring event was conducted in February 2023. VOC readings were taken with a PID from the exhaust pipes from each of the fans. The data collected during this monitoring event are included in Table 5, and the VMP vacuum readings are illustrated on Figure 4.

In addition to the data collected during the annual SSDS monitoring event in February 2023, the system components and building floor were inspected for visible cracks or audible indications of air leakage – none were noted. No cracks or leaks were observed in any accessible system components or in the building floor. No new penetrations were observed in the building floor.

2.3 SUMP SAMPLING AND PURGE WATER DISCHARGE

Stantec collected samples quarterly from the sump located in the elevator pit which collects groundwater and discharges to the building sanitary drain line. A totalizing flow meter records the discharge volume.

Samples were collected on May 17, 2022, September 13, 2022, December 12, 2022 and February 22, 2023. Each of the sump samples was analyzed for halogenated VOCs and cadmium, copper, lead, and zinc, as required by MCDES under the Site sewer use permit #IWC-996. The analytical results were below permit discharge limits. VOCs have not been detected in sump samples since September 2014. Analytical results for the sump samples are summarized on Table 6 and the lab reports are included in Appendix C. A copy of the Regulatory Monitoring Report received from MCDES dated May 17, 2022 is presented in Appendix D.

In addition to the water pumped from the sump, Stantec also has routinely discharged groundwater purged during well sampling to the building sanitary discharge portal as outlined in the permit. Purge water from the annual groundwater monitoring event was sampled on September 13, 2022. The results were submitted to MCDES for review and approval prior to the discharge on December 12, 2022.

Analytical results for the purge water are also included on Table 6 with the sump sample results and the lab report is included in Appendix C.

As of the February 22, 2023 inspections, a combined total of 10,794 gallons of elevator sump water and well sampling purge water had been discharged to the sanitary sewer since the long-term discharge permit (#IWC-996) was issued in 2014.

2.4 SITE INSPECTION

An inspection of the Site, including the interior floors and exterior areas, did not reveal any evidence of significant cracking, damage, or disturbance to the Site cover materials. The interior inspection was performed as part of the annual SSDS monitoring activities in February 2023. The exterior inspection was also performed at this time. Observations are summarized on an Annual Site Inspection Form included in Appendix E.

According to CFSNA, and in agreement with observations during the Annual Site Inspection, no intrusive work that disturbed the building floor slab or the exterior Site cover was undertaken during the current reporting period.

2.5 COMPLIANCE

Compliance with the SMP was maintained throughout the reporting period.

2.6 RECOMMENDATIONS

Groundwater Monitoring: No additional actions are recommended at this time other than continued groundwater sampling in a portion of the monitoring well network as residual CVOC presence is naturally attenuated. Based on results from the September 2022 annual sampling event, Stantec recommends that two of the four remaining wells (RW-6 and B108-MW) be switched to a biennial sampling frequency, and that the other two remaining wells (RW-2 and RW-5) continue the annual sampling frequency.

Based on the recommended sampling frequency, it is proposed that the next groundwater monitoring event (third quarter of 2023) include sampling at RW-2 and RW-5, and that the subsequent groundwater monitoring event (third quarter of 2024) include RW-2, RW-5, RW-6, and B108-MW.

SSDS Monitoring: It is recommended that VMP measurements continue to be performed at a quarterly frequency. Coordination between CFSNA staff and Stantec will continue to document effective implementation of the SMP. Monthly fan readings by CFSNA are recommended to continue.

Reporting: It is recommended that the current annual PRR frequency be continued, with the next PRR to be issued April 2024.

3.0 REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

Based on the data obtained and observations made, the ECs appear to be performing correctly, and the ECs and ICs have been effective at maintaining conditions protective of human health and the environment for the continued *Restricted Residential* use of the Site. Furthermore, based on the SSDS monitoring events and related observations that took place during this reporting period, it appears that the SSDS continues to maintain sufficient vacuum influence beneath the building.

In accordance with the methodology and schedules provided in the SMP, the Injection Work Plan, the 2021 PRR, and the NYSDEC-approved groundwater sampling frequency, the following recommendations for future monitoring activities are proposed:

- Biennial sampling at two of the remaining four wells (on-site well B108-MW and off-site well RW-6), and continued annual sampling at the other two remaining wells (on-site well RW-2 and off-site well RW-5);
- Monthly SSDS operation monitoring and quarterly vacuum measurement of the VMPs; and
- Quarterly sampling and analysis of the elevator sump. (Note that any well purging/sampling-related groundwater discharge to the sewer will also be done in accordance with the MCDES permit conditions.)

4.0 COMPLIANCE WITH IC/EC REQUIREMENTS AND THE OM&M PLAN

During the reporting period, compliance with required ICs and ECs has been maintained.

- Use of the Site has been limited to *Restricted Residential* uses.
- The SSDS operated continuously and achieved adequate sub-slab depressurization.
- The elevator sump pump continued to operate during the reporting period and pumped water to a sanitary sewer for treatment at an approved POTW.
- No groundwater use has occurred at the Site.
- Deed Restrictions are in place to restrict land use to *Restricted Residential, Commercial, and Industrial* uses, restrict the use of groundwater, and prevent future exposure to any contaminants of concern remaining at the Site.

IC/EC forms certifying to the NYSDEC the continued presence and effectiveness of the controls described above are presented in Appendix A.

Monthly SSDS monitoring has been performed by the CFSNA employees, including:

- Documenting normal system operating conditions and making observations of any abnormalities, visual, olfactory, or auditory, with respect to the system; and
- Recording of vacuum levels at fan manometers on the system control panel.

5.0 OVERALL CONCLUSIONS AND RECOMMENDATIONS

Overall, the ECs and ICs have been effective at maintaining conditions protective of human health and the environment for the continued *Restricted Residential* use of the Site. During the reporting period, compliance with required ECs and ICs, including the SMP, has been maintained.

Based on the results from the annual groundwater sampling event, no additional actions are recommended at this time other than continued groundwater sampling in a portion of the monitoring well network. Groundwater monitoring is recommended to continue in accordance with the methodology outlined in the SMP and the Injection Work Plan. It is recommended that two of the four remaining wells (RW-6 and B108-MW) be switched to a biennial sampling frequency, and that the other two remaining wells (RW-2 and RW-5) continue the annual sampling frequency.

The elevator sump will continue to be sampled on a quarterly basis as required by the MCDES permit.

It is recommended that monitoring of sub-slab vacuum levels at the six VMPs continue on a quarterly frequency. CFSNA employees will continue their monthly monitoring of the fan manometers and SSDS system operating conditions and submit this data to Stantec for review.

Annual PRRs have been prepared and issued for the Site since 2016. It is recommended that the current annual PRR frequency be continued.

TABLES



Table 1
Monthly Monitoring of the Sub-Slab Depressurization System
Former Carriage Factory
33 Litchfield Street, Rochester, NY



Date	Operator	Vacuum (inches Water Column)			Pilot Light ON (Y or N) ¹			Additional Notes (Abnormal conditions such as hot fan housings, vibrations, unusual noises, etc)
		FAN-1 (west)	FAN-2 (center)	FAN-3 (east)	FAN-1 (west)	FAN-2 (center)	FAN-3 (east)	
01/20/22	DePaul	2.3	2.4	2.1	Y	Y	Y	
02/16/22	DePaul	2.3	2.5	2.2	Y	Y	Y	
03/14/22	DePaul	2.3	2.4	2.1	Y	Y	Y	
04/27/22	DePaul	2.3	2.3	2.1	Y	Y	Y	
05/13/22	DePaul	2.1	2.2	2.1	Y	Y	Y	
05/17/22	Stantec	2.2	2.2	2.0	Y	Y	Y	
06/15/22	DePaul	2.1	2.2	2.0	Y	Y	Y	
07/28/22	DePaul	2.0	2.2	2.0	Y	Y	Y	
08/16/22	DePaul	2.1	2.2	2.1	Y	Y	Y	
09/13/22	Stantec	2.1	2.2	2.0	Y	Y	Y	
09/22/22	DePaul	2.1	2.3	2.0	Y	Y	Y	
10/11/22	DePaul	2.2	2.3	2.1	Y	Y	Y	
11/09/22	DePaul	2.3	2.3	2.1	Y	Y	Y	
12/02/22	DePaul	2.3	2.4	2.1	Y	Y	Y	
12/12/22	Stantec	2.3	2.4	2.1	Y	Y	Y	
01/24/23	DePaul	2.3	2.4	2.1	Y	Y	Y	
02/22/23	DePaul	2.3	2.4	2.1	Y	Y	Y	

Notes:

1. If one or more pilot lights are OFF, contact Stantec immediately at 585-413-5327
2. NR = not recorded.

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

[illegible]

See notes on last page.

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	TOGS	On-Site Parking Lot																
			B101MW				B102MW												
			21-May-13 LI-B101MW-GW1	21-May-13 LI-B101MW-GW1DUP	22-May-13 LI-B102MW-GW1	27-Mar-14 LI-B102-MW	27-Mar-14 LI-DUP-MW	28-May-14 LI-B102-MW-PI1	2-Jul-14 LI-B102-MW-PI2	6-Aug-14 LI-B102-MW-PI3	28-Oct-14 LI-B102-MW-PI6	3-Feb-15 LI-B102-MW-PI9	3-Feb-15 LI-DUP-PI9	4-May-15 LI-B102-MW-PI12	4-May-15 LI-DUP-PI12	12-Aug-15 LI-B102-MW-PI15	12-Aug-15 LI-DUP-PI15	1-Feb-16 LI-B102-MW-PS3	3-May-16 LI-B102-MW-PS6
			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
			CCGE E2314 E2314-01	CCGE E2314 E2314-02 Field Duplicate	CCGE E2342 E2342-04	PARAROCH 141138 141138-11	PARAROCH 141138 141138-14 Field Duplicate	PARAROCH 142196 142196-07	PARAROCH 142794 142794-09	PARAROCH 143439 143439-10	PARAROCH 144730 144730-10	PARAROCH 150382 150382-05	PARAROCH 150382 150382-13 Field Duplicate	PARAROCH 151696 151696-11	PARAROCH 151696 151696-10 Field Duplicate	PARAROCH 153411 153411-06	PARAROCH 153411 153411-07 Field Duplicate	PARAROCH 160464 160464-06	PARAROCH 161713 161713-10
Volatile Organic Compounds																			
Methyl Acetate	µg/L	n/v	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^A	25 U	25 U	25 U	10.0 UJ	10.0 UJ	10.0 UJ	27.8 J	10.0 U	10.0 UJ	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 UJ	10.0 UJ	9.98 J	10.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	25 U	25 U	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U
Methylcyclohexane	µg/L	n/v	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5- ^B	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U
Naphthalene	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5- ^B	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^B	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U
Tetrachloroethene (PCE)	µg/L	5- ^B	1.6 J	1.2 J	20.9 ^B	24.4 ^B	25.4 ^B	20.6 ^B	26.4 ^B	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U
Toluene	µg/L	5- ^B	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5- ^B	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5- ^B	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U
Trichloroethane, 1,1,1-	µg/L	5- ^B	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	1 ^B	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U
Trichloroethene (TCE)	µg/L	5- ^B	0.51 J	5 U	14.9 ^B	9.78 ^B	10.2 ^B	7.72 ^B	15.3 ^B	2.09	2.00 U	2.00 U	2.00 U	2.38	2.42	2.00 UJ	2.00 UJ	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5- ^B	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^B	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2 ^B	5 U	5 U	0.53 J	2.00 U	2.00 U	2.00 U	1.45 J	4.49 ^B	20.8 ^B	11.7 NJ ^B	11.9 ^B	11.0 ^B	11.3 ^B	8.78 J- ^B	8.78 J- ^B	2.00 U	2.00 U
Xylene, m & p-	µg/L	5- ^B	10 U	10 U	10 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U
Xylene, o-	µg/L	5- ^B	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U
Xylenes, Total	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOC	µg/L	n/v	2.11	1.2	43.83	38.63	40.04	32.93	84.53	75.28	27.81	11.7	11.9	17.48	17.83	11.53 J-	11.52 J-	9.98	ND
Volatile Organic Tentatively Identified Compounds																			
Total VOC TICs	µg/L	n/v	2.5 U	2.5 U	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
See notes on last page.																			

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	TOGS	On-Site Parking Lot																			
			B102MW										RW-4									
			9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	9-Aug-18	11-Jun-19	19-Aug-20	21-Sep-21	25-Apr-12	22-May-13	26-Mar-14	29-May-14	2-Jul-14	6-Aug-14	29-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16
			LI-B102-MW-PS9	LI-B102-MW-PS15	LI-B102-MW-PS21	LI-B102-MW-PS22	LI-B102-MW-PS23	LI-FD-PS23	LI-B102MW-PS41	LI-B102MW-PS42	LI-B102MW-Annual 2021	RW-4 DECI	LI-RW-4-GW1	LI-RW-4	LI-RW-4-P11	LI-RW-4-P12	LI-RW-4-P13	LI-RW4-P16	LI-RW-4-P19	LI-RW-4-P112	LI-RW-4-P115	LI-RW-4-PS3
			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	PARAROCH	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH		
163436	170564	173804	180400	183674	183674	183674	192608	203943	214297	12:1770	E2342	141138	142196	142794	143439	144730	150382	151696	153411	160464		
163436-10	170564-10	173804-10	180400-10	183674-05	183674-06	192608-08	203943-08	214297-06	12:1770-01	E2342-03	141138-04	142196-13	142794-10	143439-04	144730-04	150382-11	151696-04	153411-13	160464-07			
Field Duplicate																						
Volatile Organic Compounds																						
Methyl Acetate	µg/L	n/v	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	5.93	2.00 U	2.00 U	2.00 UJ	2.00 U	
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^A	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	25 U	10.0 UJ	10.0 U	20.8 J	15.8	10.0 UJ	10.0 UJ	10.0 U	10.0 UJ	58.1 ^A
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Methylcyclohexane	µg/L	n/v	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5- ^B	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5 U	4.35 JB	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	
Naphthalene	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5- ^B	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Tetrachloroethene (PCE)	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U M	62.6 J ^B	55.8 ^B	62.7 ^B	76.0 ^B	73.0 ^B	54.5 ^B	10.3 ^B	9.17 ^B	18.7 ^B	9.40 J- ^B	2.00 U
Toluene	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U M	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5- ^B	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5- ^B	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Trichloroethane, 1,1,1-	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Trichloroethane, 1,1,2-	µg/L	1 ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Trichloroethene (TCE)	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U M	21.4 J ^B	19.8 ^B	10.3 ^B	18.0 ^B	20.4 ^B	34.3 ^B	13.7 ^B	5.85 ^B	8.94 ^B	6.51 J- ^B	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	5.00 UJ	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2 ^B	1.94 J	1.12 J	2.44 J- ^B	2.00 U	2.25 ^B	2.23 ^B	2.75 ^B	1.89 J	2.07 J+ ^B	3.86 J ^B	1.8 J	1.72 J	2.00 U	3.07 ^B	2.00 U	28.4 ^B	4.58 NJ ^B	2.00 U	1.42 J-	7.98 ^B
Xylene, m & p-	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Xylene, o-	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Xylenes, Total	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOC	µg/L	n/v	2.95	1.12	2.44 J-	ND	3.73	3.69	5.13	4.75	4.29 J+	110.96	92.3	85.48	110.28	135.62	209.95	105.63	43.3	47.59	39.13 J-	91.26
Volatile Organic Tentatively Identified Compounds																						
Total VOC TICs	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	2.5 U	-	-	-	-	-	-	-	-	-
See notes on last page.																						

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	TOGS	On-Site Parking Lot										On-Site Building													
			RW-4										RW-11		B106MW											
			3-May-16 LI-RW-4-PS6	9-Aug-16 LI-RW-4-PS9	13-Feb-17 LI-RW-4-PS15	14-Aug-17 LI-RW-4-PS21	1-Feb-18 LI-RW-4-PS22	9-Aug-18 LI-RW4-PS23	11-Jun-19 LI-RW4-PS41	19-Aug-20 LI-RW4-PS42	21-Sep-21 LI-RW4-Annual 2021	14-Jun-12 RW-11	22-May-13 LI-RW-11-GW1	27-Mar-14 LI-RW-11	23-May-13 LI-B106MW-GW1	26-Mar-14 LI-B106-MW	28-May-14 LI-B106-MW-P11	2-Jul-14 LI-B106-MW-P12	7-Aug-14 LI-B106-MW-P13	28-Oct-14 LI-B106-MW-P16	3-Feb-15 LI-B106-MW-P19	5-May-15 LI-B106-MW-P12	12-Aug-15 LI-B106-MW-P15			
			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC			
			PARAROCH 161713 161713-04	PARAROCH 163436 163436-04	PARAROCH 170564 170564-04	PARAROCH 173804 173804-04	PARAROCH 180400 180400-04	PARAROCH 183674 183674-04	PARAROCH 192608 192608-04	PARAROCH 203943 203943-04	PARAROCH 214297 214297-03	PARAROCH 12:2523 12:2523-03	CCGE E2342 E2342-02	PARAROCH 141138 141138-09	STANTEC CCGE E2363	PARAROCH 141138 141138-12	PARAROCH 142196 142196-06	PARAROCH 142794 142794-11	PARAROCH 143439 143439-11	PARAROCH 144730 144730-11	PARAROCH 150382 150382-06	PARAROCH 151696 151696-12	PARAROCH 153411 153411-05			
Volatile Organic Compounds																										
Methyl Acetate	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^A	16.1 NJ	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	25 U	10.0 UJ	25 U	10.0 UJ	10.7	151 J ^A	31.6	10.0 UJ	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 UJ	
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	25 U	5.00 U	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	
Methylcyclohexane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	0.77 J	2.00 U	2.03	11.7	6.30	1.21 J	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	
Methylene Chloride (Dichloromethane)	µg/L	5 ^{-B}	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	
Naphthalene	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Propylbenzene, n-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Styrene	µg/L	5 ^{-B}	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	
Tetrachloroethane, 1,1,2,2-	µg/L	5 ^{-B}	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	
Tetrachloroethene (PCE)	µg/L	5 ^{-B}	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	6.94 ^B	2.00 U	2.00 U	2.00 U	1.3 J	1.11 J	14.8 ^B	21.7 ^B	9.51 ^B	11.7 ^B	7.73 ^B	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	
Toluene	µg/L	5 ^{-B}	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	
Trichlorobenzene, 1,2,3-	µg/L	5 ^{-B}	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	
Trichlorobenzene, 1,2,4-	µg/L	5 ^{-B}	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	
Trichloroethane, 1,1,1-	µg/L	5 ^{-B}	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	
Trichloroethane, 1,1,2-	µg/L	1 ^B	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	
Trichloroethene (TCE)	µg/L	5 ^{-B}	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	1.26 J	2.71	2.00 U	1.08 J+	2.00 U	5 U	2.00 U	12 ^B	8.27 ^B	5.11 ^B	9.44 ^B	16.6 ^B	2.23	2.00 U	2.12	1.62 J-	1.62 J-	
Trichlorofluoromethane (Freon 11)	µg/L	5 ^{-B}	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	
Trichlorotrifluoroethane (Freon 113)	µg/L	5 ^{-B}	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	
Trimethylbenzene, 1,2,4-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trimethylbenzene, 1,3,5-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Chloride	µg/L	2 ^B	2.00 U	5.78 NJ ^B	1.39 NJ	2.00 UJ	2.00 U	2.00 U	2.40 ^B	2.18 ^B	1.34 J	2.13 J+ ^B	2.00 U	5 U	2.00 U	2.1 J ^B	2.00 U	2.84 ^B	15.2 ^B	7.60 ^B	15.2 ^B	12.8 ^B	4.89 NJ ^B	5.37 J ^{-B}	5.37 J ^{-B}	
Xylene, m & p-	µg/L	5 ^{-B}	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	10 U	2.00 U	10 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	
Xylene, o-	µg/L	5 ^{-B}	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	
Xylenes, Total	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total VOC	µg/L	n/v	25.23	16.65	6.32	2.06 J-	1.17	7.06	17.37	3.83	8.36 J+	ND	1.3	1.11	48.66	36.86	38.86	262.612	96.801	59.04	38.8	17.21	15.51 J-	15.51 J-	15.51 J-	
Volatile Organic Tentatively Identified Compounds																										
Total VOC TICs	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	2.5 U	-	2.5 U	-	-	-	-	-	-	-	-	-	-	
See notes on last page.																										

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	TOGS	On-Site Building												02_On-Site Building							
			B106MW												B108MW							
			2-Feb-16 LI-B106-MW-PS3	2-May-16 LI-B106-MW-PS6	10-Aug-16 LI-B106-MW-PS9	13-Feb-17 LI-B106-MW-PS15	15-Aug-17 LI-B106-MW-PS21	2-Feb-18 LI-B106-MW-PS22	10-Aug-18 LI-B106-MW-PS23	11-Jun-19 LI-B106MW-PS41	20-Aug-20 LI-B106MW-PS42	22-Sep-21 LI-B106MW-Annual 2021	22-Sep-21 LI-FD-Annual 2021	23-May-13 LI-B108MW-GW1	26-Mar-14 LI-B108-MW	28-May-14 LI-B108-MW-P11	28-May-14 LI-MW-DUP-P11	2-Jul-14 LI-B108-MW-P12	8-Aug-14 LI-B108-MW-P13	29-Oct-14 LI-B108-MW-P16		
			STANTEC PARAROCH 160464 160464-12	STANTEC PARAROCH 161713 161713-11	STANTEC PARAROCH 163436 163436-11	STANTEC PARAROCH 170564 170564-11	STANTEC PARAROCH 173804 173804-11	STANTEC PARAROCH 180400 180400-11	STANTEC PARAROCH 183674 183674-11	STANTEC PARAROCH 192608 192608-09	STANTEC PARAROCH 203943 203943-09	STANTEC PARAROCH 214297 214297-07	STANTEC PARAROCH 214297-08 Field Duplicate	STANTEC CCGE E2363 E2363-02	STANTEC PARAROCH 141138 141138-13	STANTEC PARAROCH 142196 142196-04	STANTEC PARAROCH 142196 142196-05 Field Duplicate	STANTEC PARAROCH 142794 142794-12	STANTEC PARAROCH 143439 143439-12	STANTEC PARAROCH 144730 144730-12		
Volatile Organic Compounds																						
Methyl Acetate	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U		
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^A	36.6	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	25 U	10.0 UJ	13.9	12.8	41.5 J	63.8 ^A	22.9 J		
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U		
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U		
Methylcyclohexane	µg/L	n/v	2.00 U	2.00 U	1.07 J	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U		
Methylene Chloride (Dichloromethane)	µg/L	5- ^B	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5 U	4.93 JB	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U		
Naphthalene	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Propylbenzene, n-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Styrene	µg/L	5- ^B	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U		
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^B	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U		
Tetrachloroethene (PCE)	µg/L	5- ^B	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	15.9 ^B	6.45 ^B	10.1 ^B	9.75 ^B	10.7 ^B	9.63 ^B	10.4 ^B		
Toluene	µg/L	5- ^B	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U		
Trichlorobenzene, 1,2,3-	µg/L	5- ^B	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U		
Trichlorobenzene, 1,2,4-	µg/L	5- ^B	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U		
Trichloroethane, 1,1,1-	µg/L	5- ^B	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U		
Trichloroethane, 1,1,2-	µg/L	1 ^B	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U		
Trichloroethene (TCE)	µg/L	5- ^B	2.00 U	2.00 U	1.28 J	2.00 U	1.82 J-	2.00 U	2.86	2.29	1.92 J-	1.77 J+	2.17 J+	8.5 ^B	1.05 J	4.17	4.15	4.21	1.65 J	4.04		
Trichlorofluoromethane (Freon 11)	µg/L	5- ^B	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U		
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^B	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U		
Trimethylbenzene, 1,2,4-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Trimethylbenzene, 1,3,5-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Vinyl Chloride	µg/L	2 ^B	1.32 J	2.00 U	6.11 NJ ^B	2.00 U	2.14 J- ^B	2.00 U	3.30 ^B	1.03 J	1.54 J-	1.54 J+	1.93 J+	5 U	2.00 U	2.75 ^B	2.61 ^B	10.2 ^B	14.6 ^B	4.23 ^B		
Xylene, m & p-	µg/L	5- ^B	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	10 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U		
Xylene, o-	µg/L	5- ^B	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U		
Xylenes, Total	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Total VOC	µg/L	n/v	37.92	ND	23	ND	7.75 J-	ND	13.54	7.18	9.93 J-	13.91 J+	15.8 J+	30.1	12.43	41.92	40.21	97.89	104.53	53.93		
Volatile Organic Tentatively Identified Compounds																						
Total VOC TICs	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	2.5 U	-	-	-	-	-	-		
See notes on last page.																						

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type		Units	TOGS	On-Site Building													
				B108MW													
				3-Feb-15 LI-B108-MW-PI9 STANTEC PARAROCH 150382 150382-07	5-May-15 LI-B108-MW-PI12 STANTEC PARAROCH 151696 151696-13	12-Aug-15 LI-B108-MW-PI15 STANTEC PARAROCH 153411 153411-04	2-Feb-16 LI-B108-MW-PS3 STANTEC PARAROCH 160464 160464-08	2-May-16 LI-B108-MW-PS6 STANTEC PARAROCH 161713 161713-12	10-Aug-16 LI-B108-MW-PS9 STANTEC PARAROCH 163436 163436-12	13-Feb-17 LI-B108-MW-PS15 STANTEC PARAROCH 170564 170564-12	15-Aug-17 LI-B108-MW-PS21 STANTEC PARAROCH 173804 173804-12	2-Feb-18 LI-B108-MW-PS22 STANTEC PARAROCH 180400 180400-12	10-Aug-18 LI-B108-MW-PS23 STANTEC PARAROCH 183674 183674-10	10-Jun-19 LI-B108MW-PS41 STANTEC PARAROCH 192608 192608-10	20-Aug-20 LI-B108MW-PS42 STANTEC PARAROCH 203943 203943-10	22-Sep-21 LI-B108MW-Annual 2021 STANTEC PARAROCH 214297 214297-09	13-Sep-22 LI-B108MW-ANNUAL 2022 STANTEC ALPHA L2250169 L2250169-01
General Chemistry																	
Total Organic Carbon	µg/L	n/v		18,100 J	1,700	3,400 J-	101,000	68,300	27,600	1,970	-	-	-	-	-	-	
Total Organic Carbon	mg/L	n/v		-	-	-	-	-	-	-	3.96	1.62	1.94	-	2.50	2.8	1.3
Metals																	
Aluminum	µg/L	n/v		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25 ^B		5.92 J	10.0 U	9.02 J-	-	-	-	-	-	-	-	-	-	-	-
Barium	µg/L	1,000 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	3 ^A		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	µg/L	50 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/L	n/v		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	µg/L	300 ^B		2,660 ^B	999 ^B	3,540 J- ^B	-	-	-	-	-	-	-	-	-	-	-
Lead	µg/L	25 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35,000 ^A		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300 ^B		87.6	81.8	131 J-	-	-	-	-	-	-	-	-	-	-	-
Mercury	µg/L	0.7 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20,000 ^B		130,000 ^B	42,400 ^B	72,000 J- ^B	-	-	-	-	-	-	-	-	-	-	-
Thallium	µg/L	0.5 ^A		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2,000 ^A		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds																	
Acetone	µg/L	50 ^A		6.51 J	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	5.5
Benzene	µg/L	1 ^B		1 U	1 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 UJ	1.00 U	1.00 U	0.50 U
Bromodichloromethane	µg/L	50 ^A		2.00 U	2.00 U	2.00 UJ	2.00 U MC	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	0.50 U
Bromoform (Tribromomethane)	µg/L	50 ^A		5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	2.0 U
Bromomethane (Methyl bromide)	µg/L	5- ^B		2.00 U	2.00 U	2.00 UJ	2.00 U MC	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.5 U
Butylbenzene, n-	µg/L	5- ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5- ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Butylbenzene, tert-	µg/L	5- ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Carbon Disulfide	µg/L	60 ^A		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	0.50 U
Chlorobenzene (Monochlorobenzene)	µg/L	5- ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.5 U
Chlorobromomethane	µg/L	5- ^B		5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	2.5 U
Chloroethane (Ethyl Chloride)	µg/L	5- ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.5 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7 ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.5 U
Chloromethane	µg/L	5- ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	0.70 J
Cyclohexane	µg/L	n/v		10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^B		10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	2.5 U
Dibromochloromethane	µg/L	50 ^A		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	0.50 U
Dichlorobenzene, 1,2-	µg/L	3 ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.5 U
Dichlorobenzene, 1,3-	µg/L	3 ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.5 U
Dichlorobenzene, 1,4-	µg/L	3 ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.5 U
Dichlorodifluoromethane (Freon 12)	µg/L	5- ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5.0 U
Dichloroethane, 1,1-	µg/L	5- ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.5 U
Dichloroethane, 1,2-	µg/L	0.6 ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	0.50 U
Dichloroethene, 1,1-	µg/L	5- ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	0.50 U
Dichloroethene, cis-1,2-	µg/L	5- ^B		1.87 J	1.49 J	2.10 J-	11.8 ^B	9.96 ^B	6.08 ^B	7.20 ^B	5.90 J- ^B	2.37	5.98 ^B	1.43 J	3.09 J-	5.70 J+ ^B	12 ^B
Dichloroethene, trans-1,2-	µg/L	5- ^B		1.42 J	2.00 U	2.00 UJ	2.00 U	2.00 U	1.10 J	2.00 U	1.03 J-	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	1.6 J
Dichloroethene-1,2- (sum)	µg/L	n/v		-	-	-	-	-	-	-	-	-	-	-	-	-	14 J
Dichloropropane, 1,2-	µg/L	1 ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	1.0 U
Dichloropropene, 1,3- (sum of isomers cis + trans)	µg/L	0.4- ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	0.50 U
Dichloropropene, cis-1,3-	µg/L	0.4- ^B		2.00 U	2.00 U	2.00 UJ	2.00 U MC	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	0.50 U
Dichloropropene, trans-1,3-	µg/L	0.4- ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	0.50 U
Dioxane, 1,4-	µg/L	n/v		20.0 U	20.0 UJ	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 UJ	20.0 U R	10.0 U R	250 U
Ethylbenzene	µg/L	5- ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.5 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006 ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.0 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50 ^A		5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.0 U
Isopropylbenzene	µg/L	5- ^B		2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.5 U
Isopropyltoluene, p- (Cymene)	µg/L	5- ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U

See notes on last page.

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	TOGS	On-Site Building													
			B108MW													
			3-Feb-15 LI-B108-MW-PI9 STANTEC PARAROCH 150382 150382-07	5-May-15 LI-B108-MW-PI12 STANTEC PARAROCH 151696 151696-13	12-Aug-15 LI-B108-MW-PI15 STANTEC PARAROCH 153411 153411-04	2-Feb-16 LI-B108-MW-PS3 STANTEC PARAROCH 160464 160464-08	2-May-16 LI-B108-MW-PS6 STANTEC PARAROCH 161713 161713-12	10-Aug-16 LI-B108-MW-PS9 STANTEC PARAROCH 163436 163436-12	13-Feb-17 LI-B108-MW-PS15 STANTEC PARAROCH 170564 170564-12	15-Aug-17 LI-B108-MW-PS21 STANTEC PARAROCH 173804 173804-12	2-Feb-18 LI-B108-MW-PS22 STANTEC PARAROCH 180400 180400-12	10-Aug-18 LI-B108-MW-PS23 STANTEC PARAROCH 183674 183674-10	10-Jun-19 LI-B108MW-PS41 STANTEC PARAROCH 192608 192608-10	20-Aug-20 LI-B108MW-PS42 STANTEC PARAROCH 203943 203943-10	22-Sep-21 LI-B108MW-Annual 2021 STANTEC PARAROCH 214297 214297-09	13-Sep-22 LI-B108MW-ANNUAL 2022 STANTEC ALPHA L2250169 L2250169-01
Volatile Organic Compounds																
Methyl Acetate	µg/L	n/v	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.0 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^A	23.0 J	10.0 U	10.0 UJ	16.3	9.02 J	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	5.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.0 U
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Methylcyclohexane	µg/L	n/v	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	10 U
Methylene Chloride (Dichloromethane)	µg/L	5- ^B	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U
Naphthalene	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Propylbenzene, n-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Styrene	µg/L	5- ^B	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	0.50 U
Tetrachloroethene (PCE)	µg/L	5- ^B	6.73 ^B	14.4 ^B	9.41 J- ^B	5.17 ^B	4.45	2.00 U	1.54 J	2.00 UJ	8.76 ^B	5.66 ^B	8.34 ^B	5.40 J- ^B	4.18 J+	7.3 ^B
Toluene	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Trichlorobenzene, 1,2,3-	µg/L	5- ^B	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U
Trichlorobenzene, 1,2,4-	µg/L	5- ^B	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U
Trichloroethane, 1,1,1-	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Trichloroethane, 1,1,2-	µg/L	1 ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Trichloroethene (TCE)	µg/L	5- ^B	2.93	2.72	2.12 J-	6.57 ^B	4.95	2.00 U	3.26	2.23 J-	3.42	2.57	2.04	1.51 J-	1.72 J+	1.5
Trichlorofluoromethane (Freon 11)	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Trimethylbenzene, 1,2,4-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Trimethylbenzene, 1,3,5-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2 ^B	2.00 U	2.00 U	2.37 J- ^B	9.05 ^B	3.71 NJ ^B	11.1 NJ ^B	3.51 ^B	5.36 J- ^B	2.00 U	2.36 ^B	2.00 U	2.00 UJ	1.98 J+	2.0
Xylene, m & p-	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Xylene, o-	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Xylenes, Total	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Total VOC	µg/L	n/v	42.46	18.61	16 J-	48.89	32.09	18.28	15.51	14.52 J-	14.55	16.57	11.81	10.00 J-	13.58 J+	44.6
Volatile Organic Tentatively Identified Compounds																
Total VOC TICs	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
See notes on last page.																

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type			On-Site Building																		
			RW-1																		
			23-Mar-12 RW-1 DECI PARAROCH 12:1239 12:1239-01	23-May-13 LI-RW-1-GW1 STANTEC CCGE E2363 E2363-01	26-Mar-14 LI-RW-1 STANTEC PARAROCH 141138 141138-01	29-May-14 LI-RW-1-PI1 STANTEC PARAROCH 142196 142196-09	1-Jul-14 LI-RW-1-PI2 STANTEC PARAROCH 142794 142794-08	8-Aug-14 LI-RW-1-PI3 STANTEC PARAROCH 143439 143439-01	29-Oct-14 LI-RW1-PI6 STANTEC PARAROCH 144730 144730-01	3-Feb-15 LI-RW-1-PI9 STANTEC PARAROCH 150382 150382-01	5-May-15 LI-RW-1-PI12 STANTEC PARAROCH 151696 151696-01	12-Aug-15 LI-RW-1-PI15 STANTEC PARAROCH 153411 153411-01	2-Feb-16 LI-RW-1-PS3 STANTEC PARAROCH 160464 160464-11	2-May-16 LI-RW-1-PS6 STANTEC PARAROCH 161713 161713-01	10-Aug-16 LI-RW-1-PS9 STANTEC PARAROCH 163436 163436-01	13-Feb-17 LI-RW-1-PS15 STANTEC PARAROCH 170564 170564-01	15-Aug-17 LI-RW-1-PS21 STANTEC PARAROCH 173804 173804-01	2-Feb-18 LI-RW-1-PS22 STANTEC PARAROCH 180400 180400-01	9-Aug-18 LI-RW1-PS23 STANTEC PARAROCH 183674 183674-07	10-Jun-19 LI-RW1-PS41 STANTEC PARAROCH 192608 192608-01	20-Aug-20 LI-RW1-PS42 STANTEC PARAROCH 203943 203943-01
			Units	TOGS																	
General Chemistry																					
Total Organic Carbon	µg/L	n/v	-	-	-	1,060,000	415,000	43,500	103,000	9,900	4,500	7,900	4,960	3,510	7,510	2,240	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.1	1.83	2.67	-	4.57
Metals																					
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	µg/L	1,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	3 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	µg/L	50 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	µg/L	300 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	µg/L	25 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	µg/L	0.7 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20,000 ^B	-	-	-	146,000 ^B	331,000 ^B	137,000 ^B	146,000 ^B	85,700 ^B	175,000 ^B	668,000 ^B	-	-	-	-	-	-	-	-	-
Thallium	µg/L	0.5 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds																					
Acetone	µg/L	50 ^A	10.0 U	25 U	10.0 U	10.0 U	10.0 U	10.0 U	15.2	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Benzene	µg/L	1 ^B	0.700 U	0.49 NJ	1 U	1 U	1 U	1 U	0.561 J	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromodichloromethane	µg/L	50 ^A	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	50 ^A	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5 ^{-B}	2.00 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U
Butylbenzene, n-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60 ^A	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^{-B}	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	µg/L	5 ^{-B}	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5 ^{-B}	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7 ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	5 ^{-B}	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Cyclohexane	µg/L	n/v	-	4.5 NJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^B	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromochloromethane	µg/L	50 ^A	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	3 ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	3 ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	3 ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5 ^{-B}	-	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,1-	µg/L	5 ^{-B}	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,2-	µg/L	0.6 ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, 1,1-	µg/L	5 ^{-B}	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U				

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	TOGS	On-Site Building																			
			RW-1																			
			23-Mar-12 RW-1 DECI	23-May-13 LI-RW-1-GW1 STANTEC	26-Mar-14 LI-RW-1 STANTEC	29-May-14 LI-RW-1-PI1 STANTEC	1-Jul-14 LI-RW-1-PI2 STANTEC	8-Aug-14 LI-RW-1-PI3 STANTEC	29-Oct-14 LI-RW1-PI6 STANTEC	3-Feb-15 LI-RW-1-PI9 STANTEC	5-May-15 LI-RW-1-PI12 STANTEC	12-Aug-15 LI-RW-1-PI15 STANTEC	2-Feb-16 LI-RW1-PS3 STANTEC	2-May-16 LI-RW1-PS6 STANTEC	10-Aug-16 LI-RW-1-PS9 STANTEC	13-Feb-17 LI-RW-1-PS15 STANTEC	15-Aug-17 LI-RW-1-PS21 STANTEC	2-Feb-18 LI-RW-1-PS22 STANTEC	9-Aug-18 LI-RW1-PS23 STANTEC	10-Jun-19 LI-RW1-PS41 STANTEC	20-Aug-20 LI-RW1-PS42 STANTEC	
			PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
			12:1239	E2363	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400	183674	192608	203943	
			12:1239-01	E2363-01	141138-01	142196-09	142794-08	143439-01	144730-01	150382-01	151696-01	153411-01	160464-11	161713-01	163436-01	161713-01	163436-01	170564-01	173804-01	180400-01	183674-07	192608-01
Volatile Organic Compounds																						
Methyl Acetate	µg/L	n/v	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^A	10.0 U	25 U	10.0 UJ	6.42 J	87.3 J ^A	9.42 NJ	57.3 J ^A	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 U	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Methylcyclohexane	µg/L	n/v	-	3.1 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Methylene Chloride (Dichloromethane)	µg/L	5- ^B	5.00 U	5 U	2.84 JB	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.79 J-	5.00 U	5.00 U	5.00 U	5.00 U	
Naphthalene	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Propylbenzene, n-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Styrene	µg/L	5- ^B	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Tetrachloroethene (PCE)	µg/L	5- ^B	6.72 ^B	3.6 J	5.35 ^B	10.1 ^B	6.14 ^B	2.65	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Toluene	µg/L	5- ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Trichlorobenzene, 1,2,3-	µg/L	5- ^B	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	
Trichlorobenzene, 1,2,4-	µg/L	5- ^B	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	
Trichloroethane, 1,1,1-	µg/L	5- ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Trichloroethane, 1,1,2-	µg/L	1 ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Trichloroethene (TCE)	µg/L	5- ^B	7.15 ^B	8.1 ^B	4.02	6.09 ^B	4.52	5.49 ^B	2.00 U	2.00 U	2.00 U	1.36 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	1.20 J	2.00 U	
Trichlorofluoromethane (Freon 11)	µg/L	5- ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^B	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Trimethylbenzene, 1,2,4-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trimethylbenzene, 1,3,5-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Acetate	µg/L	n/v	5.00 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Chloride	µg/L	2 ^B	3.99 ^B	7.7 ^B	2.00 U	1.45 NJ	4.61 NJ ^B	5.29 NJ ^B	2.00 U	2.00 U	2.98 NJ ^B	2.00 U	2.84 ^B	2.75 NJ ^B	3.56 NJ ^B	2.00 U	6.31 J- ^B	2.00 U	3.97 ^B	2.00 U	1.34 J	
Xylene, m & p-	µg/L	5- ^B	2.00 U	10 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Xylene, o-	µg/L	5- ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Xylenes, Total	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total VOC	µg/L	n/v	24.74	46.19	17.78	28.59	108.31	30.97	74.40	1.43	2.98	3.67	2.84	2.75	7.33	ND	13.29 J-	ND	7.93	1.2	5.10	
Volatile Organic Tentatively Identified Compounds																						
Total VOC TICs	µg/L	n/v	-	4.900 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
See notes on last page.																						

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	TOGS	On-Site Building																				
			RW-2																				
			23-Mar-12 RW-2 DECI PARAROCH 12:1239 12:1239-02	21-May-13 LI-RW-2-GW1 STANTEC CCGE E2314 E2314-03	26-Mar-14 LI-RW-2 STANTEC PARAROCH 141138 141138-02	29-May-14 LI-RW-2-PI1 STANTEC PARAROCH 142196 142196-10	1-Jul-14 LI-RW-2-PI2 STANTEC PARAROCH 142794 142794-07	8-Aug-14 LI-RW-2-PI3 STANTEC PARAROCH 143439 143439-02	29-Oct-14 LI-RW2-PI6 STANTEC PARAROCH 144730 144730-02	3-Feb-15 LI-RW-2-PI9 STANTEC PARAROCH 150382 150382-02	5-May-15 LI-RW-2-PI12 STANTEC PARAROCH 151696 151696-02	12-Aug-15 LI-RW-2-PI15 STANTEC PARAROCH 153411 153411-02	2-Feb-16 LI-RW-2-PS3 STANTEC PARAROCH 160464 160464-10	2-May-16 LI-RW-2-PS6 STANTEC PARAROCH 161713 161713-02	10-Aug-16 LI-RW-2-PS9 STANTEC PARAROCH 163436 163436-02	13-Feb-17 LI-RW-2-PS15 STANTEC PARAROCH 170564 170564-02	15-Aug-17 LI-RW-2-PS21 STANTEC PARAROCH 173804 173804-02	2-Feb-18 LI-RW-2-PS22 STANTEC PARAROCH 180400 180400-02	10-Aug-18 LI-RW2-PS23 STANTEC PARAROCH 183674 183674-08	10-Jun-19 LI-RW2-PS41 STANTEC PARAROCH 192608 192608-02	20-Aug-20 LI-RW2-PS42 STANTEC PARAROCH 203943 203943-02	22-Sep-21 LI-RW2-Annual 2021 STANTEC PARAROCH 214297 214297-01	13-Sep-22 LI-RW2-ANNUAL 2022 STANTEC ALPHA L2250169 L2250169-02
Volatile Organic Compounds																							
Methyl Acetate	µg/L	n/v	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	3.03 NJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^A	10.0 U	110 ^A	10.0 UJ	175 NJ ^A	29.3 J	38.1	10.2 J	10.0 UJ	10.0 U	10.0 U	27.0	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	5.0 U	
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 U	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	-	2.4 J	1.08 J	1.61 NJ	2.00 U	1.92 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.28	2.00 U	2.00 UJ	2.00 U	2.30	2.00 U	1.16 J	2.00 U	0.91 J	
Methylcyclohexane	µg/L	n/v	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	10 U	
Methylene Chloride (Dichloromethane)	µg/L	5- ^B	5.00 U	5 U	3.76 JB	5.00 U	5.00 U	5.00 U	7.55 ^B	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.5 U	
Naphthalene	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	
Propylbenzene, n-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	
Styrene	µg/L	5- ^B	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.5 U	
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.50 U	
Tetrachloroethene (PCE)	µg/L	5- ^B	2.00 U	110 ^B	4.44	3.08	1.42 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.21 J	
Toluene	µg/L	5- ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	
Trichlorobenzene, 1,2,3-	µg/L	5- ^B	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.5 U	
Trichlorobenzene, 1,2,4-	µg/L	5- ^B	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U	
Trichloroethane, 1,1,1-	µg/L	5- ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	
Trichloroethane, 1,1,2-	µg/L	1 ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	
Trichloroethene (TCE)	µg/L	5- ^B	9.19 ^B	76.4 ^B	27.6 ^B	21.5 ^B	6.31 ^B	2.39	1.05 J	2.00 U	2.00 U	3.85	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	1.02 J	2.00 U	5.9 ^B	
Trichlorofluoromethane (Freon 11)	µg/L	5- ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^B	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	
Trimethylbenzene, 1,2,4-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	
Trimethylbenzene, 1,3,5-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	
Vinyl Acetate	µg/L	n/v	5.00 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Chloride	µg/L	2 ^B	2.00 U	5.9 ^B	1.24 J	1.64 NJ	7.48 ^B	56.4 ^B	23.9 NJ ^B	1.17 NJ	2.00 U	1.33 J	2.00 U	2.00 U	5.15 NJ ^B	2.00 U	2.45 J- ^B	2.00 U	2.22 ^B	2.00 U	3.36 ^B	4.91 J+ ^B	
Xylene, m & p-	µg/L	5- ^B	2.00 U	10 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	
Xylene, o-	µg/L	5- ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	
Xylenes, Total	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	
Total VOC	µg/L	n/v	38.22	837.77	79.31	293.99	117.71	135.45	146.23	5.54	2.43	14.11	34.44	ND	15.01	ND	8.34 J-	ND	23.37	5.11	47.17	20.15 J+	
Volatile Organic Tentatively Identified Compounds																							
Total VOC TICs	µg/L	n/v	-	770.000 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
See notes on last page.																							

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	TOGS	On-Site Building																							
			RW-3																							
			23-Mar-12 RW-3 DECI PARAROCH 12:1239 12:1239-03	22-May-13 LI-RW-3-GW1 STANTEC CCGE E2342-01	26-Mar-14 LI-RW-3 STANTEC PARAROCH 141138-03	29-May-14 LI-RW-3-P11 STANTEC PARAROCH 142196 142196-11	1-Jul-14 LI-RW-3-P12 STANTEC PARAROCH 142794 142794-06	7-Aug-14 LI-RW-3-P13 STANTEC PARAROCH 143439 143439-03	29-Oct-14 LI-RW3-P16 STANTEC PARAROCH 144730 144730-03	3-Feb-15 LI-RW-3-P19 STANTEC PARAROCH 150382 150382-03	5-May-15 LI-RW-3-P12 STANTEC PARAROCH 151696 151696-03	12-Aug-15 LI-RW-3-P15 STANTEC PARAROCH 153411 153411-03	2-Feb-16 LI-RW-3-PS3 STANTEC PARAROCH 160464 160464-09	2-May-16 LI-RW-3-PS6 STANTEC PARAROCH 161713 161713-03	2-May-16 LI-DUP-PS6 STANTEC PARAROCH 161713 161713-13 Field Duplicate	10-Aug-16 LI-RW-3-PS9 STANTEC PARAROCH 163436 163436-03	13-Feb-17 LI-RW-3-PS15 STANTEC PARAROCH 170564 170564-03	13-Feb-17 LI-FD-PS15 STANTEC PARAROCH 170564 170564-13 Field Duplicate	15-Aug-17 LI-RW-3-PS21 STANTEC PARAROCH 173804 173804-03	2-Feb-18 LI-RW-3-PS22 STANTEC PARAROCH 180400 180400-03	2-Feb-18 LI-FD-PS22 STANTEC PARAROCH 180400 180400-13 Field Duplicate	10-Aug-18 LI-RW3-PS23 STANTEC PARAROCH 183674 183674-09	10-Jun-19 LI-RW3-PS41 STANTEC PARAROCH 192608 192608-03	20-Aug-20 LI-RW3-PS42 STANTEC PARAROCH 203943 203943-03	22-Sep-21 LI-RW3-Annual 2021 STANTEC PARAROCH 214297 214297-02	
General Chemistry																										
Total Organic Carbon	µg/L	n/v	-	-	-	229,000	87,900	12,700	11,000	10,300	6,100	7,600 J-	218,000	7,080	6,840	8,280	2,820	2,580	-	5.65	2.16	2.35	-	-	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																										
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	µg/L	1,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	3 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	µg/L	50 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	µg/L	300 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	µg/L	25 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	µg/L	0.7 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20,000 ^B	-	-	-	252,000 ^B	199,000 ^B	103,000 ^B	125,000 ^B	120,000 ^B	85,300 ^B	91,100 J ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	µg/L	0.5 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds																										
Acetone	µg/L	50 ^A	10.0 U	25 U	10.0 U	132 ^A	43.2 J	47.6 J	10.0 U	10.0 UJ	10.0 U	10.0 UJ	20.2 J+	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 UJ	10.0 UJ	10.0 U	10.0 U	5.31 J	10.0 U	10.0 U	10.0 U
Benzene	µg/L	1 ^B	0.700 U	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromodichloromethane	µg/L	50 ^A	2.00 U	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	50 ^A	5.00 U	5 U	5.00 U	25.0 U	25.0 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5 ^{-B}	2.00 U	5 U	2.00 U	10.0 U	10.0 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Butylbenzene, n-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60 ^A	2.00 U	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^B	2.00 U	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^{-B}	2.00 U	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	µg/L	5 ^{-B}	-	5 U	5.00 U	25.0 U	25.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5 ^{-B}	2.00 U	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7 ^B	3.78	3.9 J	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	5 ^{-B}	2.00 U	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Cyclohexane	µg/L	n/v	-	5 U	10.0 U	50.0 U	50.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^B	-	5 U	10.0 U	50.0 U	50.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	TOGS	On-Site Building																							
			RW-3																							
			23-Mar-12	22-May-13	26-Mar-14	29-May-14	1-Jul-14	7-Aug-14	29-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	2-May-16	10-Aug-16	13-Feb-17	13-Feb-17	15-Aug-17	2-Feb-18	2-Feb-18	10-Aug-18	10-Jun-19	20-Aug-20	22-Sep-21	
			RW-3	LI-RW-3-GW1	LI-RW-3	LI-RW-3-P11	LI-RW-3-P12	LI-RW-3-P13	LI-RW3-P16	LI-RW-3-P19	LI-RW-3-P115	LI-RW-3-PS3	LI-RW-3-PS6	LI-RW-3-PS9	LI-RW-3-PS15	LI-FD-PS15	LI-RW-3-PS21	LI-RW-3-PS22	LI-FD-PS22	LI-RW3-PS23	LI-RW3-PS41	LI-RW3-PS42	LI-RW3-Annual 2021			
			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC			
			PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH		
12:1239	E2342	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	161713-03	161713-13	163436-03	170564	170564-03	173804	180400	180400-03	180400-13	183674-09	192608	203943	214297		
12:1239-03	E2342-01	141138-03	142196-11	142794-06	143439-03	144730-03	150382-03	151696-03	153411-03	160464-09	161713-03	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate		
Volatile Organic Compounds																										
Methyl Acetate	µg/L	n/v	-	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.87	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^A	10.0 U	25 U	10.0 UJ	404 ^A	139 J ^A	60.0 ^A	10.0 UJ	10.0 UJ	10.0 U	10.0 U	27.7	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 U	25 U	5.00 U	25.0 U	25.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	-	7.1	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	3.43	2.12	2.04 J-	2.26	1.78 J	1.33 J	6.86	1.35 J	1.23 J	7.97 J-	2.00 U	2.00 U	5.27	1.39 J	2.65	2.31 J+	
Methylcyclohexane	µg/L	n/v	-	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Methylene Chloride (Dichloromethane)	µg/L	5- ^B	5.00 U	5 U	4.04 JB	25.0 U	25.0 U	5.00 U	6.12 ^B	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	
Naphthalene	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Propylbenzene, n-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Styrene	µg/L	5- ^B	5.00 U	5 U	5.00 U	25.0 U	25.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^B	2.00 U	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Tetrachloroethene (PCE)	µg/L	5- ^B	2.81	7.6 ^B	2.36	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Toluene	µg/L	5- ^B	2.00 U	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Trichlorobenzene, 1,2,3-	µg/L	5- ^B	-	5 U	5.00 U	25.0 U	25.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	
Trichlorobenzene, 1,2,4-	µg/L	5- ^B	-	5 U	5.00 U	25.0 U	25.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	
Trichloroethane, 1,1,1-	µg/L	5- ^B	2.00 U	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Trichloroethane, 1,1,2-	µg/L	1 ^B	2.00 U	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Trichloroethene (TCE)	µg/L	5- ^B	125 ^B	320 D ^B	10.5 ^B	83.9 ^B	36.6 ^B	2.00 U	2.00 U	2.00 U	1.04 J	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.86 J-	2.00 U	1.13 J	2.00 U	4.56	2.00 U	1.31 J+	2.00 U	
Trichlorofluoromethane (Freon 11)	µg/L	5- ^B	2.00 U	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^B	-	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Trimethylbenzene, 1,2,4-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trimethylbenzene, 1,3,5-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Acetate	µg/L	n/v	5.00 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Chloride	µg/L	2 ^B	2.00 U	3 J ^B	2.00 U	10.0 U	18.1 ^B	10.1 NJ ^B	22.5 ^B	4.14 NJ ^B	2.00 U	1.65 J-	2.00 U	2.00 U	2.00 U	5.39 NJ ^B	2.00 U	2.00 U	5.80 J- ^B	2.00 U	2.00 U	8.33 ^B	8.06 ^B	11.7 ^B	5.63 J+ ^B	
Xylene, m & p-	µg/L	5- ^B	2.00 U	10 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Xylene, o-	µg/L	5- ^B	2.00 U	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Xylenes, Total	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total VOC	µg/L	n/v	223.59	490.6	20.67	650	334.52	263.86	39.31	14.99	12.43	7.98 J-	52.93	3.10	2.45	19.74	1.35	1.23	20.56 J-	ND	1.13	17.68	26.73	17.89	15.62 J+	
Volatile Organic Tentatively Identified Compounds																										
Total VOC TICs	µg/L	n/v	-	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
See notes on last page.																										

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type			Off-Site Locations																				
			RW-5																				
			25-Apr-12 RW-5 DECI PARAROCH 12:1770 12:1770-02	21-May-13 LI-RW-5-GW1 CCGE E2314 E2314-06	27-Mar-14 LI-RW-5 STANTEC PARAROCH 141138 141138-05	29-May-14 LI-RW-5-PI1 STANTEC PARAROCH 142196 142196-14	2-Jul-14 LI-RW-5-PI2 STANTEC PARAROCH 142794 142794-13	7-Aug-14 LI-RW-5-PI3 STANTEC PARAROCH 143439 143439-05	28-Oct-14 LI-RW5-PI6 STANTEC PARAROCH 144730 144730-05	3-Feb-15 LI-RW-5-PI9 STANTEC PARAROCH 150382 150382-04	4-May-15 LI-RW-5-PI12 STANTEC PARAROCH 151696 151696-05	13-Aug-15 LI-RW-5-PI15 STANTEC PARAROCH 153411 153411-09	1-Feb-16 LI-RW-5-PS3 STANTEC PARAROCH 160464 160464-05	3-May-16 LI-RW-5-PS6 STANTEC PARAROCH 161713 161713-05	10-Aug-16 LI-RW-5-PS9 STANTEC PARAROCH 163436 163436-05	14-Feb-17 LI-RW-5-PS15 STANTEC PARAROCH 170564 170564-05	14-Aug-17 LI-RW-5-PS21 STANTEC PARAROCH 173804 173804-05	1-Feb-18 LI-RW-5-PS22 STANTEC PARAROCH 180400 180400-05	9-Aug-18 LI-RW5-PS23 STANTEC PARAROCH 183674 183674-02	11-Jun-19 LI-RW5-PS41 STANTEC PARAROCH 192608 192608-05	19-Aug-20 LI-RW5-PS42 STANTEC PARAROCH 203943 203943-05	21-Sep-21 LI-RW5-Annual 2021 STANTEC PARAROCH 214297 214297-04	13-Sep-22 LI-RW5-ANNUAL 2022 STANTEC ALPHA L2250169 L2250169-03
			Units	TOGS																			
General Chemistry																							
Total Organic Carbon	µg/L	n/v	-	-	3,300	141,000	299,000	86,700	8,700	4,600 J+	2,200	2,800 J-	4,990	2,490	3,690	1,780	-	-	-	-	-	-	
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.81	1.89	1.87	-	9.60	7.0	
Metals																							
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Antimony	µg/L	3 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Arsenic	µg/L	25 ^B	-	-	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10.0 UJ	-	-	-	-	-	-	-	-	-	-	
Barium	µg/L	1,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Beryllium	µg/L	3 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cadmium	µg/L	5 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chromium	µg/L	50 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Copper	µg/L	200 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iron	µg/L	300 ^B	-	-	100 U	2,500 ^B	6,250 ^B	6,000 ^B	4,420 ^B	4,760 ^B	9,910 ^B	7,480 J ^{-B}	-	-	-	-	-	-	-	-	-	-	
Lead	µg/L	25 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Magnesium	µg/L	35,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manganese	µg/L	300 ^B	-	-	69.2	69.1	102	60.4 B	47.8	25.7	29.8	38.9 J-	-	-	-	-	-	-	-	-	-	-	
Mercury	µg/L	0.7 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nickel	µg/L	100 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Selenium	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Silver	µg/L	50 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sodium	µg/L	20,000 ^B	-	-	39,500 ^B	242,000 ^B	312,000 ^B	164,000 ^B	85,200 ^B	66,600 ^B	44,600 ^B	50,500 J ^{-B}	-	-	-	-	-	-	-	-	-	-	
Thallium	µg/L	0.5 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zinc	µg/L	2,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Volatile Organic Compounds																							
Acetone	µg/L	50 ^A	10.0 UJ	2.6 J	10.0 U	10.0 U	7.44 J	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	7.2 J	
Benzene	µg/L	1 ^B	1.13 J ^B	5 U	1 U	0.737 J	0.358 J	1 U	0.507 J	1 U	1 U	0.509 J-	1.00 U	1.00 U	0.741 J	1.00 U	0.596 J-	1.00 U	1.63 D ^B	1.61 ^B	1.34 ^B	2.05 J+ ^B	9.9 ^B
Bromodichloromethane	µg/L	50 ^A	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	
Bromoform (Tribromomethane)	µg/L	50 ^A	5.00 UJ	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	8.0 U	
Bromomethane (Methyl bromide)	µg/L	5 ^{-B}	2.00 UJ	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 UJ	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U	
Butylbenzene, n-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 U	
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 U	
Butylbenzene, tert-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 U	
Carbon Disulfide	µg/L	60 ^A	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20 U	
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^B	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^{-B}	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U	
Chlorobromomethane	µg/L	5 ^{-B}	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	10 U	
Chloroethane (Ethyl Chloride)	µg/L	5 ^{-B}	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U	
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chloroform (Trichloromethane)	µg/L	7 ^B	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U	
Chloromethane	µg/L	5 ^{-B}	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U	
Cyclohexane	µg/L	n/v	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	40 U	
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^B	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10 U	
Dibromochloromethane	µg/L	50 ^A	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	
Dichlorobenzene, 1,2-	µg/L	3 ^B	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U	
Dichlorobenzene, 1,3-	µg/L	3 ^B	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U	
Dichlorobenzene, 1,4-	µg/L	3 ^B	2.00 UJ	5 U	2.00 U	2.00 U	2.0																

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type		Units	TOGS	Off-Site Locations																				
				RW-5																				
				25-Apr-12 RW-5 DECI	21-May-13 LI-RW-5-GW1 STANTEC	27-Mar-14 LI-RW-5 STANTEC	29-May-14 LI-RW-5-PI1 STANTEC	2-Jul-14 LI-RW-5-PI2 STANTEC	7-Aug-14 LI-RW-5-PI3 STANTEC	28-Oct-14 LI-RW5-PI6 STANTEC	3-Feb-15 LI-RW-5-PI9 STANTEC	4-May-15 LI-RW-5-PI12 STANTEC	13-Aug-15 LI-RW-5-PI15 STANTEC	1-Feb-16 LI-RW-5-PS3 STANTEC	3-May-16 LI-RW-5-PS6 STANTEC	10-Aug-16 LI-RW-5-PS9 STANTEC	14-Feb-17 LI-RW-5-PS15 STANTEC	14-Aug-17 LI-RW-5-PS21 STANTEC	1-Feb-18 LI-RW-5-PS22 STANTEC	9-Aug-18 LI-RW5-PS23 STANTEC	11-Jun-19 LI-RW5-PS41 STANTEC	19-Aug-20 LI-RW5-PS42 STANTEC	21-Sep-21 LI-RW5-Annual 2021 STANTEC	13-Sep-22 LI-RW5-ANNUAL 2022 STANTEC
				PARAROCH 12:1770 12:1770-02	CCGE E2314 E2314-06	PARAROCH 141138 141138-05	PARAROCH 142196 142196-14	PARAROCH 142794 142794-13	PARAROCH 143439 143439-05	PARAROCH 144730 144730-05	PARAROCH 150382 150382-04	PARAROCH 151696 151696-05	PARAROCH 153411 153411-09	PARAROCH 160464 160464-05	PARAROCH 161713 161713-05	PARAROCH 163436 163436-05	PARAROCH 170564 170564-05	PARAROCH 173804 173804-05	PARAROCH 180400 180400-05	PARAROCH 183674 183674-02	PARAROCH 192608 192608-05	PARAROCH 203943 203943-05	PARAROCH 214297 214297-04	PARAROCH L2250169 L2250169-03
Volatile Organic Compounds																								
Methyl Acetate	µg/L	n/v	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	8.0 U		
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^A	10.0 UJ	25 U	10.0 UJ	10.0 U	43.1 J	10.8	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	26.1	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	20 U		
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 UJ	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	20 U		
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	-	1.3 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U		
Methylcyclohexane	µg/L	n/v	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	40 U		
Methylene Chloride (Dichloromethane)	µg/L	5 ^{-B}	5.00 UJ	5 U	4.53 JB	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	10 U		
Naphthalene	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 U		
Propylbenzene, n-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 U		
Styrene	µg/L	5 ^{-B}	5.00 UJ	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	10 U		
Tetrachloroethane, 1,1,2,2-	µg/L	5 ^{-B}	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U		
Tetrachloroethene (PCE)	µg/L	5 ^{-B}	12.2 J ^B	5.6 ^B	2.75	11.2 ^B	2.44	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	3.42	11.3 ^B	1.10 J	3.05 J+	83 ^B			
Toluene	µg/L	5 ^{-B}	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U		
Trichlorobenzene, 1,2,3-	µg/L	5 ^{-B}	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	10 U		
Trichlorobenzene, 1,2,4-	µg/L	5 ^{-B}	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	10 U		
Trichloroethane, 1,1,1-	µg/L	5 ^{-B}	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U		
Trichloroethane, 1,1,2-	µg/L	1 ^B	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	6.0 U		
Trichloroethene (TCE)	µg/L	5 ^{-B}	48.5 J ^B	25.2 ^B	6.65 ^B	40.0 ^B	14.2 ^B	1.10 J	2.76	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.05 J-	2.00 U	10.9 D ^B	24.0 ^B	3.48	8.13 J+ ^B	130 ^B		
Trichlorofluoromethane (Freon 11)	µg/L	5 ^{-B}	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U		
Trichlorotrifluoroethane (Freon 113)	µg/L	5 ^{-B}	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U		
Trimethylbenzene, 1,2,4-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 U		
Trimethylbenzene, 1,3,5-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 U		
Vinyl Acetate	µg/L	n/v	5.00 UJ	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Vinyl Chloride	µg/L	2 ^B	2.93 J ^B	0.6 J	2.00 U	2.00 U	1.28 NJ	3.76 ^B	12.8 ^B	2.30 NJ ^B	2.00 U	16.0 J ^{-B}	1.52 J	2.00 U	53.4 ^B	2.00 U	14.0 J ^{-B}	3.39 ^B	32.2 D ^B	22.6 ^B	7.98 ^B	37.3 J+ ^B	120 ^B	
Xylene, m & p-	µg/L	5 ^{-B}	2.00 UJ	10 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U		
Xylene, o-	µg/L	5 ^{-B}	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U		
Xylenes, Total	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 U		
Total VOC	µg/L	n/v	119.89	55.7	22.67	87.557	116.408	62.98	151.85	11.11	6.13	75.299 J-	27.62	ND	107.461	ND	48.906 J-	9.68	229.96	191.43	86.18	145.2 J+	1,171	
Volatile Organic Tentatively Identified Compounds																								
Total VOC TICs	µg/L	n/v	-	5.500 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
See notes on last page.																								

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	TOGS	Off-Site Locations																					
			RW-6																					
			25-Apr-12 RW-6 DECI PARAROCH 12:1770 12:1770-03	4-May-12 RW-6 DECI PARAROCH 12:1927 12:1927-01	20-May-13 LI-RW-6-GW1 STANTEC CCGE E2301 E2301-01	27-Mar-14 LI-RW-6 STANTEC PARAROCH 141138 141138-06	28-May-14 LI-RW-6-PI1 STANTEC PARAROCH 142196 142196-02	1-Jul-14 LI-RW-6-PI2 STANTEC PARAROCH 142794 142794-03	7-Aug-14 LI-RW-6-PI3 STANTEC PARAROCH 143439 143439-06	7-Aug-14 LI-FD-PI3 STANTEC PARAROCH 143439 Field Duplicate	28-Oct-14 LI-RW6-PI6 STANTEC PARAROCH 144730 144730-06	4-Feb-15 LI-RW-6-PI9 STANTEC PARAROCH 150382 150382-09	4-May-15 LI-RW-6-PI12 STANTEC PARAROCH 151696 151696-06	13-Aug-15 LI-RW-6-PI15 STANTEC PARAROCH 153411 153411-10	1-Feb-16 LI-RW-6-PS3 STANTEC PARAROCH 160464 160464-02	3-May-16 LI-RW-6-PS6 STANTEC PARAROCH 161713 161713-06	9-Aug-16 LI-RW-6-PS9 STANTEC PARAROCH 163436 163436-06	14-Feb-17 LI-RW-6-PS15 STANTEC PARAROCH 170564 170564-06	14-Aug-17 LI-RW-6-PS21 STANTEC PARAROCH 173804 173804-06	1-Feb-18 LI-RW-6-PS22 STANTEC PARAROCH 180400 180400-06	9-Aug-18 LI-RW6-PS23 STANTEC PARAROCH 183674 183674-01	11-Jun-19 LI-RW6-PS41 STANTEC PARAROCH 192608 192608-06		
General Chemistry																								
Total Organic Carbon	µg/L	n/v	-	-	-	3,400	360,000	96,600	99,700	102,000	62,900	14,000	3,000	2,800 J-	120,000	3,410	2,090	2,090	-	-	-	-		
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.82	1.98	1.53	-		
Metals																								
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Antimony	µg/L	3 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Arsenic	µg/L	25 ^B	-	-	-	10 U	10 U	10 U	10 U	-	10 U	10 U	10.0 U	10.0 UJ	-	-	-	-	-	-	-	-		
Barium	µg/L	1,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Beryllium	µg/L	3 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cadmium	µg/L	5 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Chromium	µg/L	50 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Copper	µg/L	200 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Iron	µg/L	300 ^B	-	-	-	318 ^B	1,140 ^B	1,740 ^B	850 ^B	-	1,820 ^B	1,480 ^B	864 ^B	1,240 J- ^B	-	-	-	-	-	-	-	-		
Lead	µg/L	25 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Magnesium	µg/L	35,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Manganese	µg/L	300 ^B	-	-	-	25.9	66.9	53.5	35.9	-	38.7	34.7	30.9	32.2 J-	-	-	-	-	-	-	-	-		
Mercury	µg/L	0.7 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nickel	µg/L	100 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Selenium	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Silver	µg/L	50 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Sodium	µg/L	20,000 ^B	-	-	-	37,800 ^B	266,000 ^B	167,000 ^B	163,000 ^B	178,000 ^B	149,000 ^B	91,700 ^B	68,800 ^B	63,200 J- ^B	-	-	-	-	-	-	-	-		
Thallium	µg/L	0.5 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Zinc	µg/L	2,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Volatile Organic Compounds																								
Acetone	µg/L	50 ^A	10.0 UJ	100 UJ	4.2 J	200 U	200 U	10.0 U	500 U	500 U	500 U	50.0 UJ	50.0 U	50.0 UJ	100 U	100 U	100 U	20.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U		
Benzene	µg/L	1 ^B	0.700 UJ	7.00 U	5 U	20 U	20 U	1 U	50 U	50 U	50 U	5 U	5 U	5.00 UJ	10.0 U	10.0 U	10.0 U	2.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U		
Bromodichloromethane	µg/L	50 ^A	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Bromoform (Tribromomethane)	µg/L	50 ^A	5.00 UJ	50.0 U	5 U	100 U	100 U	5.00 U	250 UJ	250 UJ	250 U	25.0 U	25.0 U	25.0 UJ	50.0 U	50.0 U	50.0 U	10.0 U	5.00 UJ	5.00 U	5.00 U	5.00 U		
Bromomethane (Methyl bromide)	µg/L	5- ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 UJ	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Butylbenzene, n-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Butylbenzene, tert-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Carbon Disulfide	µg/L	60 ^A	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Chlorobenzene (Monochlorobenzene)	µg/L	5- ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Chlorobromomethane	µg/L	5- ^B	-	-	5 U	100 U	100 U	5.00 U	250 U	250 U	250 U	25.0 U	25.0 U	25.0 UJ	50.0 U	50.0 U	50.0 U	10.0 U	5.00 UJ	5.00 U	5.00 U	5.00 U		
Chloroethane (Ethyl Chloride)	µg/L	5- ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	100 U R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Chloroform (Trichloromethane)	µg/L	7 ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Chloromethane	µg/L	5- ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Cyclohexane	µg/L	n/v	-	-	5 UJ	200 U	200 U	10.0 U	500 U	500 U	500 U	50.0 U	50.0 U	50.0 UJ	100 U	100 U	100 U	20.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U		
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^B	-	-	5 U	200 U	200 U	10.0 U	500 U	500 U	500 U	50.0 U	50.0 U	50.0 UJ	100 U	100 U	100 U	20.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U		
Dibromochloromethane	µg/L	50 ^A	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 UJ	100 UJ	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Dichlorobenzene, 1,2-	µg/L	3 ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Dichlorobenzene, 1,3-	µg/L	3 ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Dichlorobenzene, 1,4-	µg/L	3 ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Dichlorodifluoromethane (Freon 12)	µg/L	5- ^B	-	-	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Dichloroethane, 1,1-	µg/L	5- ^B	2.00 UJ	20.0 U	5 U</																			

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type		Units	TOGS	Off-Site Locations																				
				RW-6																				
				25-Apr-12 RW-6 DECI	4-May-12 RW-6 DECI	20-May-13 LI-RW-6-GW1 STANTEC	27-Mar-14 LI-RW-6 STANTEC	28-May-14 LI-RW-6-PI1 STANTEC	1-Jul-14 LI-RW-6-PI2 STANTEC	7-Aug-14 LI-RW-6-PI3 STANTEC	7-Aug-14 LI-FD-PI3 STANTEC	28-Oct-14 LI-RW6-PI6 STANTEC	4-Feb-15 LI-RW-6-PI9 STANTEC	4-May-15 LI-RW-6-PI12 STANTEC	13-Aug-15 LI-RW-6-PI15 STANTEC	1-Feb-16 LI-RW-6-PS3 STANTEC	3-May-16 LI-RW-6-PS6 STANTEC	9-Aug-16 LI-RW-6-PS9 STANTEC	14-Feb-17 LI-RW-6-PS15 STANTEC	14-Aug-17 LI-RW-6-PS21 STANTEC	1-Feb-18 LI-RW-6-PS22 STANTEC	9-Aug-18 LI-RW6-PS23 STANTEC	11-Jun-19 LI-RW6-PS41 STANTEC	
				PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
				12:1770 12:1770-03	12:1927 12:1927-01	E2301 E2301-01	141138 141138-06	142196 142196-02	142794 142794-03	143439 143439-06	143439 143439-13	144730 144730-06	150382 150382-09	151696 151696-06	153411 153411-10	160464 160464-02	161713 161713-06	163436 163436-06	170564 170564-06	173804 173804-06	180400 180400-06	183674 183674-01	192608 192608-06	
Volatile Organic Compounds																								
Methyl Acetate	µg/L	n/v	-	-	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^A	10.0 UJ	100 U	25 U	200 UJ	200 U	13.3 J	500 U	500 U	500 UJ	50.0 UJ	50.0 U	50.0 UJ	200 U	100 U	100 U	20.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U		
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 UJ	50.0 U	25 U	100 U	100 U	5.00 U	250 U	250 U	250 U	25.0 U	25.0 U	25.0 UJ	50.0 U	50.0 U	50.0 U	10.0 U	5.00 UJ	5.00 U	5.00 U	5.00 U		
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	-	-	2.1 J	40.0 U	40.0 U	1.03 J	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	1.11 J-	1.32 J	2.00 U	2.00 U		
Methylcyclohexane	µg/L	n/v	-	-	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Methylene Chloride (Dichloromethane)	µg/L	5- ^B	5.00 UJ	50.0 UJ	5 U	100 U	56.8 J ^B	5.00 U	250 U	250 U	250 U	25.0 U	25.0 U	25.0 UJ	50.0 U	50.0 U	50.0 U	10.0 U	5.00 UJ	5.00 U	5.00 U	5.00 U		
Naphthalene	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Propylbenzene, n-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Styrene	µg/L	5- ^B	5.00 UJ	50.0 U	5 U	100 U	100 U	5.00 U	250 U	250 U	250 U	25.0 U	25.0 U	25.0 UJ	50.0 U	50.0 U	50.0 U	10.0 U	5.00 UJ	5.00 U	5.00 U	5.00 U		
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Tetrachloroethene (PCE)	µg/L	5- ^B	881 J ^B	732 ^B	880 D ^B	3,380 ^B	84.6 ^B	3.26	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	5.58 ^B	2.58 J-	2.00 U	11.4 ^B	18.5 ^B		
Toluene	µg/L	5- ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Trichlorobenzene, 1,2,3-	µg/L	5- ^B	-	-	5 U	100 U	100 U	5.00 U	250 U	250 U	250 U	25.0 U	25.0 U	25.0 UJ	50.0 U	50.0 U	50.0 U	10.0 U	5.00 UJ	5.00 U	5.00 U	5.00 U		
Trichlorobenzene, 1,2,4-	µg/L	5- ^B	-	-	5 U	100 U	100 U	5.00 U	250 U	250 U	250 U	25.0 U	25.0 U	25.0 UJ	50.0 U	50.0 U	50.0 U	10.0 U	5.00 UJ	5.00 U	5.00 U	5.00 U		
Trichloroethane, 1,1,1-	µg/L	5- ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Trichloroethane, 1,1,2-	µg/L	1 ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Trichloroethene (TCE)	µg/L	5- ^B	112 J ^B	93.2 ^B	140 ^B	283 ^B	752 ^B	35.8 ^B	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	22.2 ^B	1.57 J-	2.00 U	3.80	6.26 ^B		
Trichlorofluoromethane (Freon 11)	µg/L	5- ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^B	-	-	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Trimethylbenzene, 1,2,4-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Trimethylbenzene, 1,3,5-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Vinyl Acetate	µg/L	n/v	5.00 UJ	50.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Vinyl Chloride	µg/L	2 ^B	2.00 UJ	20.0 U	0.52 NJ	40.0 U	40.0 U	2.00 U	115 ^B	116 ^B	868 ^B	455 ^B	367 ^B	259 J- ^B	1,120 ^B	624 ^B	201 ^B	147 ^B	9.07 J- ^B	10.6 ^B	22.7 ^B	14.2 ^B		
Xylene, m & p-	µg/L	5- ^B	2.00 UJ	20.0 U	10 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Xylene, o-	µg/L	5- ^B	2.00 UJ	20.0 UJ	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U		
Xylenes, Total	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Total VOC	µg/L	n/v	1,052.8	888.3	1,075.22	3,744.9	1,639.5	143.4	4,171.6	4,263.6	3,598	1,148.64	746.18	423 J-	2,651.5	2,552	545	451.78	25.83 J-	23.22	88	74.86		
Volatile Organic Tentatively Identified Compounds																								
Total VOC TICs	µg/L	n/v	-	-	5,800 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
See notes on last page.																								

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	TOGS	Off-Site Locations																			
			RW-6				RW-7															
			19-Aug-20	21-Sep-21	13-Sep-22	13-Sep-22	12-Jun-12	20-May-13	27-Mar-14	28-May-14	1-Jul-14	7-Aug-14	28-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18
			LI-RW6-PS42	LI-RW6-Annual 2021	LI-RW6-ANNUAL 2022	LI-FD-ANNUAL 2022	RW-7 DECI	LI-RW-7-GW1	LI-RW-7	LI-RW-7-P11	LI-RW-7-P12	LI-RW-7-P13	LI-RW7-P16	LI-RW-7-P19	LI-RW-7-P12	LI-RW-7-P15	LI-RW-7-PS3	LI-RW-7-PS6	LI-RW-7-PS9	LI-RW-7-PS15	LI-RW-7-PS21	LI-RW-7-PS22
			STANTEC	STANTEC	STANTEC	STANTEC	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
			203943	214297	L2250169	L2250169	12:2486	E2301	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
203943-06	214297-05	L2250169-04	L2250169-06 Field Duplicate	12:2486-02	E2301-02	141138-07	142196-01	142794-02	143439-07	144730-07	150382-10	151696-07	153411-11	160464-03	161713-07	163436-07	170564-07	173804-07	180400-07			
General Chemistry																						
Total Organic Carbon	µg/L	n/v	-	-	-	-	-	-	-	86,900	7,500	11,500	8,800	2,500 J+	3,100	2,600 J-	21,100	2,720	3,680	1,530	-	-
Total Organic Carbon	mg/L	n/v	2.88	3.5	1.5	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.90	1.57
Metals																						
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	µg/L	1,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	3 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	µg/L	50 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	µg/L	300 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	µg/L	25 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	µg/L	0.7 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20,000 ^B	-	-	-	-	-	-	-	126,000 ^B	85,200 ^B	85,600 ^B	77,500 ^B	67,100 ^B	49,900 ^B	49,900 ^B	64,400 J ^B	-	-	-	-	-
Thallium	µg/L	0.5 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds																						
Acetone	µg/L	50 ^A	10.0 UJ	10.0 U	4.0 J	5.4	-	25 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U
Benzene	µg/L	1 ^B	1.00 UJ	1.00 U	0.50 U	0.50 U	-	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 U
Bromodichloromethane	µg/L	50 ^A	2.00 UJ	2.00 U	0.50 U	0.50 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Bromoform (Tribromomethane)	µg/L	50 ^A	5.00 UJ	5.00 U	2.0 U	2.0 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Bromomethane (Methyl bromide)	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.5 U	2.5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 U
Butylbenzene, n-	µg/L	5 ^{-B}	-	-	2.5 U	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5 ^{-B}	-	-	2.5 U	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5 ^{-B}	-	-	2.5 U	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60 ^A	2.00 UJ	2.00 U	5.0 U	5.0 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^B	2.00 UJ	2.00 U	0.50 U	0.50 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.5 U	2.5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Chlorobromomethane	µg/L	5 ^{-B}	5.00 UJ	5.00 U	2.5 U	2.5 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.5 U	2.5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	10.0 U R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7 ^B	2.00 UJ	2.00 U	2.5 U	2.5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Chloromethane	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.5 U	0.73 J	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Cyclohexane	µg/L	n/v	10.0 UJ	10.0 U	10 U	10 U	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^B	10.0 UJ	10.0 U	2.5 U	2.5 U	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U
Dibromochloromethane	µg/L	50 ^A	2.00 UJ	2.00 U	0.50 U	0.50 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichlorobenzene, 1,2-	µg/L	3 ^B	2.00 UJ	2.00 U	2.5 U	2.5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichlorobenzene, 1,3-	µg/L	3 ^B	2.00 UJ	2.00 U	2.5 U	2.5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichlorobenzene, 1,4-	µg/L	3 ^B	2.00 UJ	2.00 U	2.5 U	2.5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5 ^{-B}	2.00 UJ	2.00 U	5.0 U	5.0 U	-	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type			Units TOGS		Off-Site Locations																			
					RW-6				RW-7															
					19-Aug-20	21-Sep-21	13-Sep-22	13-Sep-22	12-Jun-12	20-May-13	27-Mar-14	28-May-14	1-Jul-14	7-Aug-14	28-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18
					LI-RW6-PS42	LI-RW6-Annual 2021	LI-RW6-ANNUAL 2022	LI-FD-ANNUAL 2022	RW-7 DECI	LI-RW-7-GW1	LI-RW-7	LI-RW-7-PI1	LI-RW-7-PI2	LI-RW-7-PI3	LI-RW7-PI6	LI-RW-7-PI9	LI-RW-7-PI12	LI-RW-7-PI15	LI-RW-7-PS3	LI-RW-7-PS6	LI-RW-7-PS9	LI-RW-7-PS15	LI-RW-7-PS21	LI-RW-7-PS22
					STANTEC	STANTEC	STANTEC	STANTEC	PARAROCH	STANTEC	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH				
203943	214297	L2250169	L2250169	12:2486	E2301	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	173804	180400				
203943-06	214297-05	L2250169-04	L2250169-06	12:2486-02	E2301-02	141138-07	142196-01	142794-02	143439-07	144730-07	150382-10	151696-07	153411-11	160464-03	161713-07	163436-07	170564-07	173804-07	173804-07	180400-07				
Field Duplicate																								
Volatile Organic Compounds																								
Methyl Acetate	µg/L	n/v	2.00 UJ	2.00 U	2.0 U	2.0 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U			
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^A	10.0 UJ	10.0 U	5.0 U	5.0 U	-	25 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 UJ	25.2	10.0 U	10.0 U	10.0 U	10.0 U			
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 UJ	5.00 U	5.0 U	5.0 U	-	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U			
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	1.10 J-	2.00 U	0.79 J	0.72 J	-	1.8 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.16 J-	1.43 J	1.41 J	2.38	1.12 J	2.00 UJ	2.00 U			
Methylcyclohexane	µg/L	n/v	2.00 UJ	2.00 U	10 U	10 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U			
Methylene Chloride (Dichloromethane)	µg/L	5- ^B	5.00 UJ	5.00 U	2.5 U	2.5 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U			
Naphthalene	µg/L	10 ^B	-	-	2.5 U	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Propylbenzene, n-	µg/L	5- ^B	-	-	2.5 U	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Styrene	µg/L	5- ^B	5.00 UJ	5.00 U	2.5 U	2.5 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U			
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^B	2.00 UJ	2.00 U	0.50 U	0.50 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U			
Tetrachloroethene (PCE)	µg/L	5- ^B	148 J- ^B	15.9 J+ ^B	14 ^B	16 ^B	2.00 U	0.76 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U			
Toluene	µg/L	5- ^B	2.00 UJ	2.00 U	2.5 U	2.5 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U			
Trichlorobenzene, 1,2,3-	µg/L	5- ^B	5.00 UJ	5.00 U	2.5 U	2.5 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U			
Trichlorobenzene, 1,2,4-	µg/L	5- ^B	5.00 UJ	5.00 U	2.5 U	2.5 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U			
Trichloroethane, 1,1,1-	µg/L	5- ^B	2.00 UJ	2.00 U	2.5 U	2.5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U			
Trichloroethane, 1,1,2-	µg/L	1 ^B	2.00 UJ	2.00 U	1.5 U	1.5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U			
Trichloroethene (TCE)	µg/L	5- ^B	69.3 J- ^B	13.5 J+ ^B	3.2	3.6	2.00 U	5.8 ^B	2.85	2.99	3.05	3.12	2.00 U	2.00 U	1.29 J	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U			
Trichlorofluoromethane (Freon 11)	µg/L	5- ^B	2.00 UJ	2.00 U	2.5 U	2.5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U			
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^B	2.00 UJ	2.00 U	2.5 U	2.5 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U			
Trimethylbenzene, 1,2,4-	µg/L	5- ^B	-	-	2.5 U	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Trimethylbenzene, 1,3,5-	µg/L	5- ^B	-	-	2.5 U	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Vinyl Chloride	µg/L	2 ^B	33.5 J- ^B	19.7 J+ ^B	4.0 ^B	3.8 ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	4.58 NJ ^B	5.43 ^B	2.87 ^B	2.84 J- ^B	2.27 ^B	2.00 U	2.00 U	2.00 UJ	2.00 U			
Xylene, m & p-	µg/L	5- ^B	2.00 UJ	2.00 U	2.5 U	2.5 U	-	10 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U			
Xylene, o-	µg/L	5- ^B	2.00 UJ	2.00 U	2.5 U	2.5 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U			
Xylenes, Total	µg/L	5- ^B	-	-	2.5 U	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Total VOC	µg/L	n/v	423.92 J-	94.2 J+	73.99	86.25	4.28	17.48	5.2	5.64	5.48	6.08	9.02	6.76	4.16	4 J-	28.9	1.41	2.38	1.12	ND J-	ND		
Volatile Organic Tentatively Identified Compounds																								
Total VOC TICs	µg/L	n/v	-	-	-	-	-	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-			
See notes on last page.																								

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type		Units	TOGS	Off-Site Locations																					
				RW-8				RW-9																	
				14-Jun-12 RW-8 DECI PARAROCH 12:2523 12:2523-01	20-May-13 LI-RW-8-GW1 STANTEC CCGE E2301 E2301-03	8-Jun-12 RW-9 DECI PARAROCH 12:2431 12:2431-01	21-May-13 LI-RW-9-GW1 STANTEC CCGE E2314 E2314-07	27-Mar-14 LI-RW-9 STANTEC PARAROCH 141138 141138-08	29-May-14 LI-RW-9-PI1 STANTEC PARAROCH 142196 142196-12	1-Jul-14 LI-RW-9-PI2 STANTEC PARAROCH 142794 142794-04	1-Jul-14 LI-RW-DUP-PI2 STANTEC PARAROCH 142794 142794-05 Field Duplicate	7-Aug-14 LI-RW-9-PI3 STANTEC PARAROCH 143439 143439-08	28-Oct-14 LI-RW9-PI6 STANTEC PARAROCH 144730 144730-08	28-Oct-14 LI-DUP-PI6 STANTEC PARAROCH 144730 144730-13 Field Duplicate	4-Feb-15 LI-RW-9-PI9 STANTEC PARAROCH 150382 150382-12	4-May-15 LI-RW-9-PI12 STANTEC PARAROCH 151696 151696-08	13-Aug-15 LI-RW-9-PI15 STANTEC PARAROCH 153411 153411-12	1-Feb-16 LI-RW-9-PS3 STANTEC PARAROCH 160464 160464-04	2-May-16 LI-RW-9-PS6 STANTEC PARAROCH 161713 161713-08	9-Aug-16 LI-RW-9-PS9 STANTEC PARAROCH 163436 163436-08	9-Aug-16 LI-DUP-PS9 STANTEC PARAROCH 163436 163436-13 Field Duplicate	14-Feb-17 LI-RW-9-PS15 STANTEC PARAROCH 170564 170564-08	14-Aug-17 LI-RW-9-PS21 STANTEC PARAROCH 173804 173804-08	1-Feb-18 LI-RW-9-PS22 STANTEC PARAROCH 180400 180400-08	9-Aug-18 LI-RW9-PS23 STANTEC PARAROCH 183674 183674-03
General Chemistry																									
Total Organic Carbon	µg/L	n/v	-	-	-	-	2,000	2,000	2,500	2,100	2,100	2,000 J-	2,000 J-	2,400 J+	1,700	2,200 J-	1,910	2,340	2,640	2,650	1,980	-	-	-	
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.11	1.69	1.77		
Metals																									
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Antimony	µg/L	3 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Arsenic	µg/L	25 ^B	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10.0 UJ	-	-	-	-	-	-	-	-	
Barium	µg/L	1,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Beryllium	µg/L	3 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cadmium	µg/L	5 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chromium	µg/L	50 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Copper	µg/L	200 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iron	µg/L	300 ^B	-	-	-	-	100 U	91.9 J	129	91.0 J	86.4 J	100 U	100 U	68.3 J	76.5 J	118 J-	-	-	-	-	-	-	-	-	
Lead	µg/L	25 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Magnesium	µg/L	35,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manganese	µg/L	300 ^B	-	-	-	-	15 U	19.8	98.1	94.4	220	153	161	284	214	691 J- ^B	-	-	-	-	-	-	-	-	
Mercury	µg/L	0.7 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nickel	µg/L	100 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Selenium	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Silver	µg/L	50 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sodium	µg/L	20,000 ^B	-	-	-	-	38,100 ^B	25,200 ^B	29,000 ^B	28,800 ^B	27,700 ^B	39,100 ^B	38,600 ^B	41,600 ^B	32,000 ^B	49,000 J- ^B	-	-	-	-	-	-	-	-	
Thallium	µg/L	0.5 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zinc	µg/L	2,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Volatile Organic Compounds																									
Acetone	µg/L	50 ^A	-	25 U	-	25 U	10.0 U	6.70 J	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	
Benzene	µg/L	1 ^B	-	5 U	-	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 UJ	1.00 U	1.00 U	
Bromodichloromethane	µg/L	50 ^A	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Bromoform (Tribromomethane)	µg/L	50 ^A	5.00 U	5 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	
Bromomethane (Methyl bromide)	µg/L	5 ^{-B}	2.00 UJ	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Butylbenzene, n-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Butylbenzene, tert-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carbon Disulfide	µg/L	60 ^A	-	5 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^B	2.00 UJ	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^{-B}	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Chlorobromomethane	µg/L	5 ^{-B}	-	5 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	
Chloroethane (Ethyl Chloride)	µg/L	5 ^{-B}	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	-	10.0 U R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chloroform (Trichloromethane)	µg/L	7 ^B	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Chloromethane	µg/L	5 ^{-B}	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Cyclohexane	µg/L	n/v	-	5 UJ	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^B	-	5 U	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	
Dibromochloromethane	µg/L	50 ^A	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Dichlorobenzene, 1,2-	µg/L	3 ^B	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Dichlorobenzene, 1,3-	µg/L	3 ^B	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Dichlorobenzene, 1,4-	µg/L	3 ^B	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Dichlorodifluoromethane (Freon 12)	µg/L	5 ^{-B}	-	5 U	-	5 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Dichloroethane, 1,1-	µg/L	5 ^{-B}	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ									

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	TOGS	Off-Site Locations																	
			RW-9				RW-12													
			10-Jun-19 LI-RW9-PS41 STANTEC PARAROCH 192608 192608-07	10-Jun-19 LI-FD-PS41 STANTEC PARAROCH 192608 192608-11 Field Duplicate	19-Aug-20 LI-RW9-PS42 STANTEC PARAROCH 203943 203943-07	19-Aug-20 LI-FD-PS42 STANTEC PARAROCH 203943 203943-11 Field Duplicate	8-Jun-12 RW-12 DECI PARAROCH 12:2431 12:2431-02	20-May-13 LI-RW-12-GW1 STANTEC CCGE E2301 E2301-04	28-May-14 LI-RW-12-PI1 STANTEC PARAROCH 142196 142196-03	2-Jul-14 LI-RW-12-PI2 STANTEC PARAROCH 142794 142794-14	7-Aug-14 LI-RW-12-PI3 STANTEC PARAROCH 143439 143439-09	29-Oct-14 LI-RW12-PI6 STANTEC PARAROCH 144730 144730-09	4-Feb-15 LI-RW-12-PI9 STANTEC PARAROCH 150382 150382-08	4-May-15 LI-RW-12-PI12 STANTEC PARAROCH 151696 151696-09	12-Aug-15 LI-RW-12-PI15 STANTEC PARAROCH 153411 153411-08	1-Feb-16 LI-RW-12-PS3 STANTEC PARAROCH 160464 160464-01	1-Feb-16 LI-DUP-PS3 STANTEC PARAROCH 160464 160464-13 Field Duplicate	3-May-16 LI-RW-12-PS6 STANTEC PARAROCH 161713 161713-09	9-Aug-16 LI-RW-12-PS9 STANTEC PARAROCH 163436 163436-09	
General Chemistry																				
Total Organic Carbon	µg/L	n/v	-	-	-	-	-	-	-	103,000	186,000	44,800	5,700	33,900	6,200	3,200 J-	1,740	1,990	2,480	1,480
Total Organic Carbon	mg/L	n/v	-	-	2.58	2.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																				
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	µg/L	1,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	3 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	µg/L	50 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	µg/L	300 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	µg/L	25 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	µg/L	0.7 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20,000 ^B	-	-	-	-	-	-	200,000 ^B	255,000 ^B	282,000 ^B	193,000 ^B	167,000 ^B	213,000 ^B	155,000 J- ^B	-	-	-	-	-
Thallium	µg/L	0.5 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds																				
Acetone	µg/L	50 ^A	5.48 J	10.0 U	10.0 UJ	10.0 UJ	-	25 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Benzene	µg/L	1 ^B	1.00 U	1.00 U	1.00 UJ	1.00 UJ	-	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromodichloromethane	µg/L	50 ^A	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	50 ^A	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U
Butylbenzene, n-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60 ^A	2.00 U	2.00 U	2.00 UJ	2.00 UJ	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	µg/L	5- ^B	5.00 U	5.00 U	5.00 UJ	5.00 UJ	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	10.0 U R	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7 ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Cyclohexane	µg/L	n/v	10.0 U	10.0 U	10.0 UJ	10.0 UJ	-	5 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^B	10.0 U	10.0 U	10.0 UJ	10.0 UJ	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromochloromethane	µg/L	50 ^A	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	3 ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	3 ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	3 ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	-	5 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,1-	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,2-	µg/L	0.6 ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, 1,1-	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	24.5 ^B	26.5 ^B	79.5 ^B	118 ^B	36.2 ^B	6.01 ^B	20.9 ^B	5.24 ^B	9.47 J- ^B	3.65	3.89	2.44	1.59 J	-
Dichloroethene, trans-1,2-	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	1.2 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2					

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	TOGS	Off-Site Locations																	
			RW-9				RW-12													
			10-Jun-19 LI-RW9-PS41	10-Jun-19 LI-FD-PS41	19-Aug-20 LI-RW9-PS42	19-Aug-20 LI-FD-PS42	8-Jun-12 RW-12 DECI	20-May-13 LI-RW-12-GW1 STANTEC	28-May-14 LI-RW-12-PI1 STANTEC	2-Jul-14 LI-RW-12-PI2 STANTEC	7-Aug-14 LI-RW-12-PI3 STANTEC	29-Oct-14 LI-RW12-PI6 STANTEC	4-Feb-15 LI-RW-12-PI9 STANTEC	4-May-15 LI-RW-12-PI12 STANTEC	12-Aug-15 LI-RW-12-PI15 STANTEC	1-Feb-16 LI-RW-12-PS3 STANTEC	1-Feb-16 LI-DUP-PS3 STANTEC	3-May-16 LI-RW-12-PS6 STANTEC	9-Aug-16 LI-RW-12-PS9 STANTEC	
			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
			192608	192608	203943	203943	12:2431	E2301	142196	142794	143439	144730	150382	151696	153411	160464	160464	161713	163436	
			192608-07	192608-11	203943-07	203943-11	12:2431-02	E2301-04	142196-03	142794-14	143439-09	144730-09	150382-08	151696-09	153411-08	160464-01	160464-13	161713-09	163436-09	
				Field Duplicate		Field Duplicate											Field Duplicate			
			Volatile Organic Compounds																	
Methyl Acetate	µg/L	n/v	2.00 U	2.00 U	2.00 UJ	2.00 UJ	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^A	10.0 U	10.0 U	10.0 UJ	10.0 UJ	-	25 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 U	5.00 U	5.00 UJ	5.00 UJ	-	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	2.00 U	2.00 U	2.00 UJ	2.00 UJ	-	0.85 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Methylcyclohexane	µg/L	n/v	2.00 U	2.00 U	2.00 UJ	2.00 UJ	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Methylene Chloride (Dichloromethane)	µg/L	5- ^B	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	
Naphthalene	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Propylbenzene, n-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Styrene	µg/L	5- ^B	5.00 U	5.00 U	5.00 UJ	5.00 UJ	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Tetrachloroethene (PCE)	µg/L	5- ^B	3.32	3.78	3.59 J-	2.74 J-	2.71	4.9 J	5.52 ^B	4.37	2.78	4.74	7.82 ^B	2.79	6.13 J- ^B	1.68 J	1.83 J	1.68 J	2.76	
Toluene	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Trichlorobenzene, 1,2,3-	µg/L	5- ^B	5.00 U	5.00 U	5.00 UJ	5.00 UJ	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	
Trichlorobenzene, 1,2,4-	µg/L	5- ^B	5.00 U	5.00 U	5.00 UJ	5.00 UJ	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	
Trichloroethane, 1,1,1-	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Trichloroethane, 1,1,2-	µg/L	1 ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Trichloroethene (TCE)	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	6.80 ^B	15 ^B	25.1 ^B	29.8 ^B	4.38	7.10 ^B	14.5 ^B	4.85	9.90 J- ^B	2.92	3.09	2.51	3.44	
Trichlorofluoromethane (Freon 11)	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Trimethylbenzene, 1,2,4-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trimethylbenzene, 1,3,5-	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Chloride	µg/L	2 ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	0.55 J	2.00 U	1.17 J	2.27 ^B	2.00 U	2.28 NJ ^B	2.00 U	1.49 J-	2.00 U	2.00 U	2.00 U	2.00 U	
Xylene, m & p-	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	-	10 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Xylene, o-	µg/L	5- ^B	2.00 U	2.00 U	2.00 UJ	2.00 UJ	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Xylenes, Total	µg/L	5- ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total VOC	µg/L	n/v	8.8	3.78	3.59 J-	2.74 J-	34.01	49	110.12	153.34	45.63	17.85	45.5	12.88	26.99 J-	8.25	8.81	6.63	7.79	
Volatile Organic Tentatively Identified Compounds																				
Total VOC TICs	µg/L	n/v	-	-	-	-	-	2.5 U	-	-	-	-	-	-	-	-	-	-	-	
See notes on last page.																				

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type		Units	TOGS	Off-Site Locations							QA/QC													
				RW-12							RW-13			Trip Blank										
				14-Feb-17 LI-RW-12-PS15 STANTEC PARAROCH 170564 170564-09	14-Aug-17 LI-RW-12-PS21 STANTEC PARAROCH 173804 173804-09	14-Aug-17 LI-FD-PS21 STANTEC PARAROCH 173804 173804-13 Field Duplicate	1-Feb-18 LI-RW-12-PS22 STANTEC PARAROCH 180400 180400-09	12-Jun-12 RW-13 DECI PARAROCH 12:2486 12:2486-01	20-May-13 LI-RW-13-GW1 STANTEC PARAROCH E2301 E2301-05	27-Mar-14 LI-RW-13 STANTEC PARAROCH 141138 141138-10	12-Jun-12 Trip Blank 7346 DECI PARAROCH 12:2486 12:2486-03 Trip Blank	20-May-13 Trip Blank STANTEC CCGE E2301 E2301-07 Trip Blank	21-May-13 Trip Blank STANTEC CCGE E2314 E2314-08 Trip Blank	27-Mar-14 Trip Blank STANTEC PARAROCH 141138 141138-15 Trip Blank	29-May-14 LI-Trip Blank-PI1 STANTEC PARAROCH 142196 142196-08 Trip Blank	1-Jul-14 LI-TRIPBLANK-PI2 STANTEC PARAROCH 142794 142794-01 Trip Blank	8-Aug-14 Trip Blank (T-532) STANTEC PARAROCH 143439 143439-14 Trip Blank	28-Oct-14 Trip Blank (T-570) STANTEC PARAROCH 144730 144730-14 Trip Blank	3-Feb-15 LI-TRIPBLANK-PI9 (T-586) STANTEC PARAROCH 150382 150382-14 Trip Blank	4-May-15 Trip Blank (T-614) STANTEC PARAROCH 151696 151696-14 Trip Blank	12-Aug-15 Trip Blank (T-644) STANTEC PARAROCH 153411 153411-14 Trip Blank			
General Chemistry																								
Total Organic Carbon	µg/L	n/v		1,460	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Total Organic Carbon	mg/L	n/v		-	6.41	5.90	1.76	-	-	-	-	-	-	-	-	-	-	-	-	-				
Metals																								
Aluminum	µg/L	n/v		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Antimony	µg/L	3 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Arsenic	µg/L	25 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Barium	µg/L	1,000 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Beryllium	µg/L	3 ^A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Cadmium	µg/L	5 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Calcium	µg/L	n/v		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Chromium	µg/L	50 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Cobalt	µg/L	n/v		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Copper	µg/L	200 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Iron	µg/L	300 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Lead	µg/L	25 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Magnesium	µg/L	35,000 ^A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Manganese	µg/L	300 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Mercury	µg/L	0.7 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Nickel	µg/L	100 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Potassium	µg/L	n/v		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Selenium	µg/L	10 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Silver	µg/L	50 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Sodium	µg/L	20,000 ^B		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Thallium	µg/L	0.5 ^A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Vanadium	µg/L	n/v		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Zinc	µg/L	2,000 ^A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Volatile Organic Compounds																								
Acetone	µg/L	50 ^A		10.0 UJ	10.1 J-	5.63 J-	10.0 U	-	25 U	10.0 U	-	25 U	25 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ				
Benzene	µg/L	1 ^B		1.00 U	1.00 UJ	1.00 UJ	1.00 U	-	5 U	1 U	-	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 UJ				
Bromodichloromethane	µg/L	50 ^A		2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ				
Bromoform (Tribromomethane)	µg/L	50 ^A		5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	5 U	5.00 U	5.00 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 UJ				
Bromomethane (Methyl bromide)	µg/L	5 ^{-B}		2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ				
Butylbenzene, n-	µg/L	5 ^{-B}		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5 ^{-B}		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Butylbenzene, tert-	µg/L	5 ^{-B}		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Carbon Disulfide	µg/L	60 ^A		2.00 U	2.00 UJ	2.00 UJ	2.00 U	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ				
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^B		2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ				
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^{-B}		2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ				
Chlorobromomethane	µg/L	5 ^{-B}		5.00 U	5.00 UJ	5.00 UJ	5.00 U	-	5 U	5.00 U	-	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ				
Chloroethane (Ethyl Chloride)	µg/L	5 ^{-B}		2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ				
Chloroethyl Vinyl Ether, 2-	µg/L	n/v		-	-	-	-	10.0 U R	-	-	10.0 U R	-	-	-	-	-	-	-	-	-				
Chloroform (Trichloromethane)	µg/L	7 ^B		2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ				
Chloromethane	µg/L	5 ^{-B}		2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ				
Cyclohexane	µg/L	n/v		10.0 U	10.0 UJ	10.0 UJ	10.0 U	-	5 UJ	10.0 U	-	5 UJ	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ				
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^B		10.0 U	10.0 UJ	10.0 UJ	10.0 U	-	5 U	10.0 U	-	5 U	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ				
Dibromochloromethane	µg/L	50 ^A		2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 UJ				
Dichlorobenzene, 1,2-	µg/L	3 ^B		2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ				
Dichlorobenzene, 1,3-	µg/L	3 ^A		2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ				
Dichlorobenzene, 1,4-	µg/L	3 ^B		2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ				
Dichlorodifluoromethane (Freon 12)	µg/L	5 ^{-B}		2.00 U	2.00 UJ	2.00 UJ	2.00 U	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ				
Dichloroethane, 1,1-	µg/L	5 ^{-B}		2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ				
Dichloroethane, 1,2-	µg/L	0.6 ^B		2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ				
Dichloroethene, 1,1-	µg/L	5 ^{-B}		2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ				
Dichloroethene, cis-1,2-	µg/L	5 ^{-B}		2.00 U	1.48 J-	1.44 J-	1.72 J	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ				
Dichloroethene, trans-1,2-	µg/L	5 ^{-B}		2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2										

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	TOGS	Off-Site Locations							QA/QC																		
			RW-12							RW-13							Trip Blank											
			14-Feb-17	14-Aug-17	14-Aug-17	1-Feb-18	12-Jun-12	20-May-13	27-Mar-14	12-Jun-12	20-May-13	21-May-13	27-Mar-14	29-May-14	1-Jul-14	8-Aug-14	28-Oct-14	3-Feb-15	4-May-15	12-Aug-15								
			LI-RW-12-PS15	LI-RW-12-PS21	LI-FD-PS21	LI-RW-12-PS22	RW-13	LI-RW-13-GW1	LI-RW-13	Trip Blank 7346	Trip Blank	Trip Blank	Trip Blank	LI-Trip Blank-PI1	LI-TRIPBLANK-PI2	Trip Blank (T-532)	Trip Blank (T-570)	LI-TRIPBLANK-PI9 (T-586)	Trip Blank (T-614)	Trip Blank (T-644)								
			STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC								
PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	CCGE	CCGE	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH										
170564	173804	173804	180400	12:2486	E2301	141138	12:2486	E2301	E2314	141138	141138	142196	142794	143439	144730	150382	151696	153411										
170564-09	173804-09	173804-13	180400-09	12:2486-01	E2301-05	141138-10	12:2486-03	E2301-07	E2314-08	141138-15	142196-08	142794-01	143439-14	144730-14	144730-14	150382-14	151696-14	153411-14										
		Field Duplicate					Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank										
Volatile Organic Compounds																												
Methyl Acetate	µg/L	n/v	2.00 U	2.00 UJ	2.00 UJ	2.00 U	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ										
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^A	10.0 U	10.0 UJ	10.0 UJ	10.0 U	-	25 U	10.0 UJ	-	25 U	25 U	10.0 UJ	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 UJ										
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 U	5.00 UJ	5.00 UJ	5.00 U	-	25 U	5.00 U	-	25 U	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ										
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	2.00 U	2.00 UJ	2.00 UJ	2.00 U	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ										
Methylcyclohexane	µg/L	n/v	2.00 U	2.00 UJ	2.00 UJ	2.00 U	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ										
Methylene Chloride (Dichloromethane)	µg/L	5 ^{-B}	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	5 U	5.00 U	5.00 U	3.4 J	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ										
Naphthalene	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Propylbenzene, n-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Styrene	µg/L	5 ^{-B}	5.00 U	5.00 UJ	5.00 UJ	5.00 U	-	5 U	5.00 U	-	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ										
Tetrachloroethane, 1,1,2,2-	µg/L	5 ^{-B}	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ										
Tetrachloroethene (PCE)	µg/L	5 ^{-B}	2.00 U	1.69 J-	1.69 J-	1.21 J	2.00 U	2.8 J	2.00	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ										
Toluene	µg/L	5 ^{-B}	2.00 U	33.3 J ^{-B}	26.4 J ^{-B}	2.00 U	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ										
Trichlorobenzene, 1,2,3-	µg/L	5 ^{-B}	5.00 U	5.00 UJ	5.00 UJ	5.00 U	-	5 U	5.00 U	-	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ										
Trichlorobenzene, 1,2,4-	µg/L	5 ^{-B}	5.00 U	5.00 UJ	5.00 UJ	5.00 U	-	5 U	5.00 U	-	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ										
Trichloroethane, 1,1,1-	µg/L	5 ^{-B}	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ										
Trichloroethane, 1,1,2-	µg/L	1 ^B	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ										
Trichloroethene (TCE)	µg/L	5 ^{-B}	1.29 J	2.19 J-	2.16 J-	1.82 J	2.00 U	0.99 J	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ										
Trichlorofluoromethane (Freon 11)	µg/L	5 ^{-B}	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ										
Trichlorotrifluoroethane (Freon 113)	µg/L	5 ^{-B}	2.00 U	2.00 UJ	2.00 UJ	2.00 U	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ										
Trimethylbenzene, 1,2,4-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Trimethylbenzene, 1,3,5-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Vinyl Chloride	µg/L	2 ^B	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ										
Xylene, m & p-	µg/L	5 ^{-B}	2.00 U	2.00 UJ	2.00 UJ	2.00 U	-	10 U	2.00 U	-	10 U	10 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ										
Xylene, o-	µg/L	5 ^{-B}	2.00 U	2.00 UJ	2.00 UJ	2.00 U	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ										
Xylenes, Total	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Total VOC	µg/L	n/v	1.29	48.76 J-	37.32 J-	4.75	ND	3.79	2.00	ND	ND	3.4	ND	ND	ND	ND	ND	ND UJ-										
Volatile Organic Tentatively Identified Compounds																												
Total VOC TICs	µg/L	n/v	-	-	-	-	-	2.5 U	-	-	2.5 U	2.5 U	-	-	-	-	-	-										
See notes on last page.																												

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type			QA/QC											
			Trip Blank											
			1-Feb-16 Trip Blank T-691 STANTEC PARAROCH 160464 160464-14 Trip Blank	2-May-16 Trip Blank (T-698) STANTEC PARAROCH 161713 161713-14 Trip Blank	9-Aug-16 Trip Blank (T-722) STANTEC PARAROCH 163436 163436-14 Trip Blank	13-Feb-17 Trip Blank STANTEC PARAROCH 170564 170564-14 Trip Blank	14-Aug-17 Trip Blank STANTEC PARAROCH 173804 173804-14 Trip Blank	2-Feb-18 Trip Blank STANTEC PARAROCH 180400 180400-14 Trip Blank	9-Aug-18 Trip Blank STANTEC PARAROCH 183674 183674-12 Trip Blank	28-May-19 Trip Blank T931 STANTEC PARAROCH 192608 192608-12 Trip Blank	4-Aug-20 Trip Blank T996 STANTEC PARAROCH 203943 203943-12 Trip Blank	13-Sep-21 Trip Blank T1066 STANTEC PARAROCH 214297 214297-10 Trip Blank	6-Sep-22 TRIP BLANK STANTEC ALPHA L2250169 L2250169-05 Trip Blank	
General Chemistry														
Total Organic Carbon	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Metals														
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3 ^B	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25 ^B	-	-	-	-	-	-	-	-	-	-	-	-
Barium	µg/L	1,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	3 ^A	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5 ^B	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	µg/L	50 ^B	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200 ^B	-	-	-	-	-	-	-	-	-	-	-	-
Iron	µg/L	300 ^B	-	-	-	-	-	-	-	-	-	-	-	-
Lead	µg/L	25 ^B	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300 ^B	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	µg/L	0.7 ^B	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100 ^B	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50 ^B	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	µg/L	0.5 ^A	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds														
Acetone	µg/L	50 ^A	10.0 UJ	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	5.8	
Benzene	µg/L	1 ^B	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 UJ	0.50 U	
Bromodichloromethane	µg/L	50 ^A	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U	
Bromoform (Tribromomethane)	µg/L	50 ^A	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	2.0 U	
Bromomethane (Methyl bromide)	µg/L	5 ^{-B}	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	
Butylbenzene, n-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	2.5 U	
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	2.5 U	
Butylbenzene, tert-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	2.5 U	
Carbon Disulfide	µg/L	60 ^A	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	5.0 U	
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^B	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U	
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	
Chlorobromomethane	µg/L	5 ^{-B}	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	2.5 U	
Chloroethane (Ethyl Chloride)	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	
Chloroform (Trichloromethane)	µg/L	7 ^B	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	
Chloromethane	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	
Cyclohexane	µg/L	n/v	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10 U	
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^B	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	2.5 U	
Dibromochloromethane	µg/L	50 ^A	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U	
Dichlorobenzene, 1,2-	µg/L	3 ^B	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	
Dichlorobenzene, 1,3-	µg/L	3 ^B	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	
Dichlorobenzene, 1,4-	µg/L	3 ^B	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	
Dichlorodifluoromethane (Freon 12)	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	5.0 U	
Dichloroethane, 1,1-	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	
Dichloroethane, 1,2-	µg/L	0.6 ^B	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U	
Dichloroethene, 1,1-	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U	
Dichloroethene, cis-1,2-	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	
Dichloroethene, trans-1,2-	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	
Dichloroethene-1,2- (sum)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	2.5 U	
Dichloropropane, 1,2-	µg/L	1 ^B	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	1.0 U	
Dichloropropene, 1,3- (sum of isomers cis + trans)	µg/L	0.4 ^{-B}	-	-	-	-	-	-	-	-	-	-	0.50 U	
Dichloropropene, cis-1,3-	µg/L	0.4 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U	
Dichloropropene, trans-1,3-	µg/L	0.4 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U	
Dioxane, 1,4-	µg/L	n/v	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U	20.0 U R	10.0 U R	250 U	
Ethylbenzene	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006 ^B	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.0 U	
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50 ^A	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.0 U	
Isopropylbenzene	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	
Isopropyltoluene, p- (Cymene)	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	2.5 U	

See notes on last page.

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	TOGS	QA/QC										
			Trip Blank										
			1-Feb-16	2-May-16	9-Aug-16	13-Feb-17	14-Aug-17	2-Feb-18	9-Aug-18	28-May-19	4-Aug-20	13-Sep-21	6-Sep-22
			Trip Blank T-691	Trip Blank (T-698)	Trip Blank (T-722)	Trip Blank	Trip Blank	Trip Blank	Trip Blank T931	Trip Blank T996	Trip Blank T1066	TRIP BLANK	
			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	
PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	ALPHA	
160464	161713	163436	170564	173804	180400	183674	192608	203943	214297	214297	L2250169		
160464-14	161713-14	163436-14	170564-14	173804-14	180400-14	183674-12	192608-12	203943-12	214297-10	L2250169-05			
Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank		

Volatile Organic Compounds													
Methyl Acetate	µg/L	n/v	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.0 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^A	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	5.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.0 U
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U
Methylcyclohexane	µg/L	n/v	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	10 U
Methylene Chloride (Dichloromethane)	µg/L	5 ^{-B}	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	2.5 U
Naphthalene	µg/L	10 ^B	-	-	-	-	-	-	-	-	-	-	2.5 U
Propylbenzene, n-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	2.5 U
Styrene	µg/L	5 ^{-B}	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	2.5 U
Tetrachloroethane, 1,1,2,2-	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U
Tetrachloroethene (PCE)	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U
Toluene	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U
Trichlorobenzene, 1,2,3-	µg/L	5 ^{-B}	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	2.5 U
Trichlorobenzene, 1,2,4-	µg/L	5 ^{-B}	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	2.5 U
Trichloroethane, 1,1,1-	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U
Trichloroethane, 1,1,2-	µg/L	1 ^B	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	1.5 U
Trichloroethene (TCE)	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U
Trichlorofluoromethane (Freon 11)	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U
Trimethylbenzene, 1,2,4-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	2.5 U
Trimethylbenzene, 1,3,5-	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	2.5 U
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2 ^B	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	1.0 U
Xylene, m & p-	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U
Xylene, o-	µg/L	5 ^{-B}	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U
Xylenes, Total	µg/L	5 ^{-B}	-	-	-	-	-	-	-	-	-	-	2.5 U
Total VOC	µg/L	n/v	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND	ND J+	5.8

Volatile Organic Tentatively Identified Compounds													
Total VOC TICs	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-
See notes on last page.													

Table 2
Summary of Analytical Results in Groundwater
Remedial Investigation
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Notes:

TOGS	NYSDEC TOGS 1.1.1 (Reissued June 1998 with errata in January 1999 and addenda in April 2000 and June 2004)
A	TOGS 1.1.1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Standards
B	TOGS 1.1.1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Guidance
6.5 ^A	Concentration exceeds the indicated standard.
15.2	Measured concentration did not exceed the indicated standard.
0.50 U	Laboratory reporting limit was greater than the applicable standard.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
.	The standard for Iron and Manganese is 500 ug/L, which applies to the sum of these substances. As individual standards, the standard is 300 ug/L.
..	The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in the TOGS table) applies to this substance.
p	Applies to the sum of cis- and trans-1,3-dichloropropene.
B	Indicates analyte was found in associated blank, as well as in the sample.
D	Result was obtained from the analysis of a dilution
J	The reported result is an estimated value.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
M	Denotes matrix spike recoveries outside QC limits. Matrix bias indicated.
MC	Matrix Spike Recovery Outside Control Limits Due To Sample Matrix Interference, Biased High.
MD	Dissolved greater than total. Results are within limits of uncertainty.
N	Indicates presumptive evidence of a compound. Identification of tentatively identified compound is based on a mass spectral library search.
ND	Not detected.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
Q	Indicates LCS control criteria did not meet requirements
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
U	Indicates that the analyte was analyzed but not detected.
UJ	Indicates estimated non-detect.

Table 3
Summary of Groundwater Field Parameters
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Sample Location		B101-MW										B102-MW									
Purge Date		21-May-13	22-May-13	27-Mar-14	28-May-14	2-Jul-14	6-Aug-14	28-Oct-14	3-Feb-15	4-May-15	12-Aug-15	1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	11-Jun-19	19-Aug-20	21-Sep-21
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Sample Date		21-May-13	22-May-13	27-Mar-14	28-May-14	2-Jul-14	6-Aug-14	28-Oct-14	3-Feb-15	4-May-15	12-Aug-15	1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	11-Jun-19	19-Aug-20	21-Sep-21
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Field Parameters	Units																				
Conductivity	mS/cm	0.99	0.86	0.90	0.92	1.41	1.03	1.15	1.19	1.28	4.16	3.37	1.87	6.55	4.63	5.23	1.53	6.22	4.095	6.28	6.80
Dissolved Oxygen	mg/L	1.34	0.10	0.12	0.19	0.20	0.03	1.09	0.00	0.20	0.14	0.03	0.09	0.11	1.00	0.05	0.43	0.49	0	0.07	0.13
Oxidation Reduction Potential	mV	-25.0	13.3	73.6	-49.7	-271.6	-284.0	-118.9	-154.7	-233.3	-128.2	-213.0	-204.7	-115.8	-117.2	-83.9	56.5	-157.9	-101.4	-93.3	-142.3
pH	S.U.	7.02	6.87	7.02	7.15	7.26	7.04	7.06	7.17	7.00	6.90	7.18	7.13	6.99	7.00	6.94	7.01	6.89	6.87	7.00	7.77
Temperature	deg C	13.4	20.5	3.7	18.4	16.2	20.4	15.9	7.7	10.9	17.2	11.4	11.2	16.4	10.2	17.9	10.4	18.9	12.2	18.1	19.5
Turbidity	NTU	0.68	4.07	11.71	1.87	1.79	1.45	2.75	2.28	0.76	1.62	4.73	11.1	2.13	17.4	3.83	10.98	6.55	10.60	11.70	6.23
Volume Purged	gal	0.8	1.2	0.5	2.6	2.0	2.0	0.7	0.5	1.8	0.65	2.10	2.20	1.50	0.80	2.5	0.5	1.5	0.9	0.7	0.9

Sample Location		B106-MW																		
Purge Date		23-May-13	26-Mar-14	28-May-14	2-Jul-14	7-Aug-14	28-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18	10-Aug-18	11-Jun-19	20-Aug-20	22-Sep-21
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Sample Date		23-May-13	26-Mar-14	28-May-14	2-Jul-14	7-Aug-14	28-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18	10-Aug-18	11-Jun-19	20-Aug-20	22-Sep-21
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Field Parameters	Units																			
Conductivity	mS/cm	0.92	1.08	1.29	2.20	1.30	1.09	1.06	1.03	1.12	1.25	1.06	1.51	1.04	1.14	0.919	1.422	1.160	1.34	1.22
Dissolved Oxygen	mg/L	0.13	0.07	0.08	0.17	0.11	0.40	0.00	0.06	0.12	0.32	0.22	0.08	0.56	0.09	0.18	0.23	0	0.10	0.16
Oxidation Reduction Potential	mV	17.8	90.8	-96.3	-231.4	-274.4	-138.8	-172.9	-241.4	-22.9	-255.6	-117.2	-88.5	-125.3	164.2	-4.9	-108.0	-62.2	-66.8	-120.3
pH	S.U.	6.99	7.05	7.15	6.96	7.07	7.02	7.09	6.98	7.00	7.05	7.00	7.10	7.04	6.66	6.92	7.08	6.87	6.95	7.15
Temperature	deg C	16.1	3.0	18.3	15.7	16.5	15.4	16.2	16.7	17.6	17.6	18.0	18.3	17.9	18.5	18.2	18.9	18.7	19.3	19.6
Turbidity	NTU	4.77	1.84	1.48	1.46	2.1	2.46	0.99	0.48	3.39	1.34	1.11	1.55	1.76	1.46	1.23	2.10	6.96	3.60	0.96
Volume Purged	gal	1.1	0.7	1.8	1.5	1.7	1.4	1.1	1.7	0.7	1.9	0.9	1.7	0.85	1.3	1.2	2.3	1.0	0.6	1.3

Sample Location		B108-MW																			
Purge Date		23-May-13	26-Mar-14	28-May-14	2-Jul-14	8-Aug-14	29-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18	10-Aug-18	10-Jun-19	20-Aug-20	22-Sep-21	13-Sep-22
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Sample Date		23-May-13	26-Mar-14	28-May-14	2-Jul-14	8-Aug-14	29-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18	10-Aug-18	10-Jun-19	20-Aug-20	22-Sep-21	13-Sep-22
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Field Parameters	Units																				
Conductivity	mS/cm	0.95	1.06	1.05	1.27	1.22	1.22	1.49	1.04	1.39	1.52	1.36	3.209	1.26	1.93	0.876	1.481	1.316	1.54	1.73	2.22
Dissolved Oxygen	mg/L	0.13	0.13	0.10	0.18	0.13	0.31	0.00	0.06	0.11	0.11	0.18	0.32	0.48	0.07	0.25	0.43	0	0.05	0.07	0.30
Oxidation Reduction Potential	mV	29.1	137.1	-69.9	-216.0	-293.4	-354.1	-327.4	-241.5	-105.3	-330.3	-266.6	-283.3	-162.9	-104.6	12.6	-117.8	17.6	-41.8	-100.3	128.0
pH	S.U.	7.15	7.04	7.21	7.04	7.02	7.08	7.68	7.01	7.10	7.00	7.07	7.67	7.08	7.13	6.87	7.12	6.87	6.98	7.17	7.07
Temperature	deg C	13.6	10.6	19.5	16.1	15.4	16.0	16.7	16.1	17.6	17.4	17.1	18.2	18.1	18.5	17.9	18.2	17.6	19.6	19.8	19.4
Turbidity	NTU	0.62	0.28	3.54	0.86	3.78	3.24	1.11	1.56	2.41	1.35	1.49	4.39	2.94	2.54	2.05	4.87	2.44	5.87	2.57	8.83
Volume Purged	gal	0.5	0.7	1.8	1.1	1.55	1.7	0.7	1.8	0.8	2.7	1.5	1.1	0.9	1.0	0.6	4.0	1.1	3.0	2.9	1.5

Sample Location		RW-1																			
Purge Date		23-May-13	26-Mar-14	29-May-14	1-Jul-14	8-Aug-14	29-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	12-Feb-17	15-Aug-17	2-Feb-18	9-Aug-18	10-Jun-19	20-Aug-20		
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low Flow	Low Flow	Low Flow		
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic		
Sample Date		23-May-13	26-Mar-14	29-May-14	1-Jul-14	8-Aug-14	29-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	12-Feb-17	15-Aug-17	2-Feb-18	9-Aug-18	10-Jun-19	20-Aug-20		
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic		
Field Parameters	Units																				
Conductivity	mS/cm	0.74	1.07	1.22	2.12	1.15	1.23	1.13	1.82	4.99	2.56	1.38	2.69	1.36	3.87	0.939	2.942	1.041	2.57		
Dissolved Oxygen	mg/L	0.13	0.01	0.11	0.08	0.14	0.70	0.00	0.01	0.13	0.19	0.22	0.16	0.47	0.15	0.27	0.54	0	0.28		
Oxidation Reduction Potential	mV	-94.3	179.0	-147.8	-252.9	-313.0	-297.2	-321.0	-266.7	-114.9	-243.9	-150.3	-106.4	-202.3	-55.6	-32.7	-126.6	19.3	-60.5		
pH	S.U.	7.19	7.05	7.16	6.75	7.05	7.36	7.17	7.03	7.18	7.11	7.04	7.17	6.98	7.05	6.89	7.19	6.82	7.01		
Temperature	deg C	12.5	8.6	18.8	16.5	15.0	15.3	15.2	15.3	17.4	16.1	15.9	18.1	16.3	17.8	16.3	17.9	16.0	18.2		
Turbidity	NTU	10.55	12.37	1.66	6.31	3.19	4.41	2.97	2.15	4.37	0.96	13.13	3.93	1.74	2.08	1.11	3.84	1.65	3.96		
Volume Purged	gal	0.7	0.7	1.5	1.4	1.8	0.9	1.2	2.3	2.25	2.00	1.00	1.50	0.90	1.9	1.6	3.3	2.1	1.8		

See last page for Notes.

Table 3
Summary of Groundwater Field Parameters
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Sample Location		RW-2																			
Purge Date		21-May-13	26-Mar-14	29-May-14	1-Jul-14	8-Aug-14	29-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18	10-Aug-18	10-Jun-19	20-Aug-20	22-Sep-21	13-Sep-22
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Volumetric
Sample Date		21-May-13	26-Mar-14	29-May-14	1-Jul-14	8-Aug-14	29-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18	10-Aug-18	10-Jun-19	20-Aug-20	22-Sep-21	13-Sep-22
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Bailer
Field Parameters	Units																				
Conductivity	mS/cm	0.85	1.08	2.34	1.70	1.68	1.27	1.27	1.03	1.23	1.50	1.03	1.09	1.19	1.57	0.923	1.246	1.827	1.33	1.26	1.38
Dissolved Oxygen	mg/L	0.28	0.03	0.20	0.11	0.16	0.65	0.11	0.08	0.17	0.20	0.62	0.21	0.42	0.73	0.36	0.49	4.96	0.31	0.19	3.09
Oxidation Reduction Potential	mV	-30.3	156.8	-171.5	-172.0	-292.5	-286.4	-152.2	-326.1	-111.8	-284.7	-140.9	-237.5	-103.7	192.4	-40.1	-114.6	90.7	-21.7	-92.2	82.8
pH	S.U.	7.36	7.11	6.94	7.56	6.93	7.11	7.61	7.09	7.31	7.12	7.05	7.37	7.04	7.08	6.91	7.3	7.48	7.17	7.31	7.5
Temperature	deg C	12.7	7.2	16.8	16.8	14.9	16.0	15.6	16.2	18.1	16.8	17.2	18.0	16.5	18.7	17.0	18.3	18.9	19.1	18.9	19.8
Turbidity	NTU	5.23	3.81	7.53	2.34	1.71	3.71	2.92	1.45	6.71	4.97	2.1	5.29	3.2	6.96	2.62	32.30	0.18	12.0	10.22	36.00
Volume Purged	gal	1.2	0.8	1.4	0.3	1.15	0.6	1.0	1.0	1.0	1.8	0.6	2.3	1.6	0.8	1.9	1.5	1.5	1.3	1.7	4.9

Sample Location		RW-3																			
Purge Date		22-May-13	26-Mar-14	29-May-14	1-Jul-14	7-Aug-14	29-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18	10-Aug-18	10-Jun-19	20-Aug-20	22-Sep-21	
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	
Sample Date		22-May-13	26-Mar-14	29-May-14	1-Jul-14	7-Aug-14	29-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18	10-Aug-18	10-Jun-19	20-Aug-20	22-Sep-21	
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	
Field Parameters	Units																				
Conductivity	mS/cm	0.87	1.09	1.79	1.31	1.00	1.05	1.23	1.22	1.37	1.62	1.34	1.12	1.44	1.48	1.06	1.40	1.788	1.49	1.58	
Dissolved Oxygen	mg/L	0.15	0.06	0.06	0.06	0.23	0.37	0.00	0.10	0.18	0.15	0.20	0.18	0.10	0.15	0.22	0.15	0	0.35	0.17	
Oxidation Reduction Potential	mV	87.3	157.6	-132.8	-213.0	-216.8	-242.2	-192.4	-320.7	-116.4	-297.3	-156.2	-154.9	-200.7	-53.9	-75.8	-161.2	-86.0	-110.3	-126.7	
pH	S.U.	7.39	7.07	7.45	7.67	7.35	7.71	7.48	7.20	7.40	7.28	7.14	7.79	7.01	7.28	7.01	7.5	7.14	7.26	7.36	
Temperature	deg C	12.4	9.3	17.7	15.3	15	15.7	16.3	17.2	17.6	17.9	18.1	18.1	18.0	18.5	18.1	18.7	18.4	18.9	19.0	
Turbidity	NTU	0.88	1.29	1.24	1.72	1.62	2.42	2.62	0.48	2.59	2.73	3.22	4.65	2.22	1.10	1.67	3.62	1.09	13.7	13.5	
Volume Purged	gal	0.5	0.7	1.5	1.8	0.5	0.6	0.7	1.6	0.7	3.0	0.8	1.6	0.9	1.0	2.2	1.7	1.8	0.8	0.7	

Sample Location		RW-4																			
Purge Date		22-May-13	26-Mar-14	29-May-14	2-Jul-14	6-Aug-14	29-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	9-Aug-16	13-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	11-Jun-19	19-Aug-20	21-Sep-21	
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Volumetric	Volumetric	Volumetric	
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Bailer ^d	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Bailer	Peristaltic	Peristaltic	
Sample Date		22-May-13	26-Mar-14	29-May-14	2-Jul-14	6-Aug-14	29-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	9-Aug-16	13-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	11-Jun-19	19-Aug-20	21-Sep-21	
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Bailer ^d	Peristaltic	Peristaltic	Peristaltic	Bailer ^d	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	
Field Parameters	Units																				
Conductivity	mS/cm	0.91	0.88	0.89	1.94	1.67	1.00	1.48	1.77	3.30	3.18	3.59	2.95	1.48	1.45	1.07	1.81	0.070	2.030	2.54	
Dissolved Oxygen	mg/L	0.11	0.17	0.06	0.15	0.04	0.44	0.24	3.04	0.20	0.18	0.20	0.68	0.60	0.13	1.19	0.84	6.49	0.82	2.16	
Oxidation Reduction Potential	mV	38.6	132.4	29.3	-180.2	-347	-130.3	-278.2	-175.5	-57.8	-311.9	-348.2	-152.7	-159.7	-53.8	-0.3	-122.1	-75.1	-38.1	-63.4	
pH	S.U.	6.91	7.08	7.10	6.90	7.05	6.95	7.17	7.10	6.86	6.99	7.12	6.74	6.98	6.82	6.80	6.89	6.99	6.87	7.44	
Temperature	deg C	20.0	2.4	25.5	17.4	19.2	14.8	7.4	9.8	21.2	10.3	11.2	17.7	7.3	19.7	9.6	18.5	17.7	17.9	20.2	
Turbidity	NTU	5.68	5.81	1.72	3.18	1.93	1.06	2.01	10.25	9.56	1217 ^a	13	54.3	20.7	15.3	7.24	41.3	3.90	1.91	98.2	
Volume Purged	gal	0.8	1.8	0.9	1.9	1.1	2.1	2.7	5.4	0.9	1.4	0.9	1	1.1	0.8	3.4	1.75	3.25	3.5	2.7	

Sample Location		RW-5																			
Purge Date		21-May-13	27-Mar-14	29-May-14	2-Jul-14	7-Aug-14	28-Oct-14	3-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	10-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	11-Jun-19	19-Aug-20	21-Sep-21	13-Sep-22
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	
Sample Date		21-May-13	27-Mar-14	29-May-14	2-Jul-14	7-Aug-14	28-Oct-14	3-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	10-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	11-Jun-19	19-Aug-20	21-Sep-21	13-Sep-22
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	
Field Parameters	Units																				
Conductivity	mS/cm	0.89	1.08	1.40	1.86	1.20	1.01	1.00	1.02	1.08	1.27	1.01	1.98	0.00	1.26	0.908	1.679	1.308	0.70	1.12	2.03
Dissolved Oxygen	mg/L	0.28	0.00	0.06	0.19	0.08	0.43	0.00	0.39	0.22	0.09	0.57	0.11	11.07	0.11	0.36	0.94	0	0.08	0.09	
Oxidation Reduction Potential	mV	-2.3	74.7	-95.6	-137.8	-170.0	-164.1	-269.2	-230.4	-142.5	-179.1	-169.2	-125.1	-43.6	50.7	-50.6	-131.9	-61.7	-86.4	-173.1	
pH	S.U.	7.07	7.29	7.27	7.03	7.07	7.23	7.31	7.19	7.10	7.36	7.19	7.07	7.05	6.90	6.99	6.87	6.87	7.24	7.53	
Temperature	deg C	16.2	5.7	22.8	17.3	19.9	17.5	5.2	11.6	17.1	10.5	10.9	19.4	7.3	18.5	9.0	20.0	14.7	20.4	19.9	
Turbidity	NTU	2.98	1.22	7.10	1.88	3.89	1.77	3.60	6.21	6.10	6.25	4.88	2.67	10.50	4.01	26.9	8.5	4.08	15.0	11.34	
Volume Purged	gal	1.1	3.2	0.5	1.2	1.5	0.8	1.4	0.9	2.0	1.8	1.0	2.2	1.1	1.5	0.6	1.7	0.7	1.2	1.0	

See last page for Notes.

Table 3
Summary of Groundwater Field Parameters
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Sample Location		RW-4																			
Purge Date		20-May-13	27-Mar-14	28-May-14	1-Jul-14	7-Aug-14	28-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	11-Jun-19	19-Aug-20	21-Sep-21	13-Sep-22
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Sample Date		20-May-13	27-Mar-14	28-May-14	1-Jul-14	7-Aug-14	28-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	11-Jun-19	19-Aug-20	21-Sep-21	13-Sep-22
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Field Parameters	Units																				
Conductivity	mS/cm	0.93	1.07	1.72	1.34	1.30	1.21	1.08	1.01	1.03	1.94	1.11	1.30	1.35	1.18	0.917	1.380	1.323	1.50	1.28	1.43
Dissolved Oxygen	mg/L	0.08	0.01	0.07	0.10	0.14	0.42	0.28	0.08	0.20	0.12	0.95	0.32	0.08	0.18	0.37	1.23	0.11	0.08	0.10	0.22
Oxidation Reduction Potential	mV	-10.6	138.3	-69.0	-136.7	-306.1	-134.8	-304.1	-252.4	-143.6	-117.7	47.2	-59.1	-89.6	81.4	-5.6	-65.9	-33.2	-24.8	-150.0	90.7
pH	S.U.	7.13	7.33	7.03	6.91	7.00	7.06	7.22	7.14	7.15	6.96	7.10	7.12	7.07	7.22	6.95	7.22	6.92	7.01	7.69	7.14
Temperature	deg C	19.0	6.1	17.6	21.2	17.2	16.7	6.8	10.4	18.8	9.9	10.2	20.6	6.9	18.0	8.33	18.24	17.5	19.1	19.9	18.5
Turbidity	NTU	7.08 ⁹	5.46	7.48	4.83	4.79	1.03	4.76	4.62	3.01	4.68	6.46	13.9	64.8	2.64	5.15	18.0	2.96	4.25	3.71	10.88
Volume Purged	gal	1.3	1.1	1.2	0.7	1.0	0.7	1.2	2.0	1.8	1.5	1.0	1.5	0.6	1.2	1.5	1.5	3.2	1.8	1.5	1.9

Sample Location		RW-7															RW-8	
Purge Date		20-May-13	27-Mar-14	28-May-14	1-Jul-14	7-Aug-14	28-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	20-May-13	
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	
Sample Date		20-May-13	27-Mar-14	28-May-14	1-Jul-14	7-Aug-14	28-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	20-May-13	
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	
Field Parameters	Units																	
Conductivity	mS/cm	1.02	1.21	1.30	1.17	1.07	0.96	1.16	1.08	1.11	1.39	1.00	1.05	1.09	0.960	0.922	1.04	
Dissolved Oxygen	mg/L	0.08	0.38	0.31	0.13	0.11	0.44	0.39	0.07	0.26	0.05	0.82	0.22	1.14	0.21	0.48	1.06	
Oxidation Reduction Potential	mV	29.4	92.6	-37.6	-104.6	-303.6	-168.2	-224.3	-208.5	-88.0	-217.8	-242.5	-59.2	-67.5	126.2	-4.2	77.0	
pH	S.U.	7.06	7.27	7.08	6.99	7.07	7.11	7.12	6.99	7.11	7.07	7.1	7.18	7.14	6.97	6.99	7.05	
Temperature	deg C	16.8	6.7	20.3	18.4	16.3	17.5	7.9	10.6	17.9	10.3	10.2	7.9	17.2	8.45	14.4		
Turbidity	NTU	10.38	1.36	3.12	1.12	1.53	4.74	0.67	1.77	3.13	1.72	2.34	7.01	10.63	3.54	3.05	2.54	
Volume Purged	gal	1.2	0.9	1.8	1.2	1.5	1.3	2.0	1.8	2.0	2.2	1.4	1.2	1.3	1.2	2.4	1.0	

Sample Location		RW-9																	
Purge Date		21-May-13	27-Mar-14	29-May-14	1-Jul-14	7-Aug-14	28-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16	2-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	10-Jun-19	19-Aug-20
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Sample Date		21-May-13	27-Mar-14	29-May-14	1-Jul-14	7-Aug-14	28-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16	2-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	10-Jun-19	19-Aug-20
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Field Parameters	Units																		
Conductivity	mS/cm	0.94	1.05	0.68	0.74	0.85	0.98	1.03	0.97	1.29	1.51	0.93	1.44	1.10	0.960	0.706	1.091	0.850	1.11
Dissolved Oxygen	mg/L	2.48	2.45	5.52	2.37	2.43	0.50	0.45	0.61	1.61	1.46	2.51	0.91	2.45	2.07	4.15	2.51	2.87	1.58
Oxidation Reduction Potential	mV	49.4	104.6	28.1	33.9	51.0	4.1	-166.7	-34.3	50.5	-31.3	-135.7	33.7	41.3	118.6	80.5	-39.0	160.2	37.6
pH	S.U.	7.13	7.29	7.44	7.12	7.06	7.04	7.12	6.99	7.03	7.07	7.11	7.05	7.07	7.02	7.70	7.19	6.95	6.99
Temperature	deg C	14.0	9.4	20.7	19.0	15.5	16.8	10.5	15.2	16.9	13.1	12.2	17.0	10.9	17.4	13.4	18.2	16.4	19.3
Turbidity	NTU	0.33	0.50	3.62	1.80	1.06	1.61	0.71	2.88	3.18	1.50	3.14	1.35	1.21	1.91	2.67	1.76	1.49	3.27
Volume Purged	gal	0.8	1.2	0.7	0.35	0.7	2.9	1.5	1.6	1.0	1.5	0.9	1.4	0.7	0.8	0.3	1.6	2.4	1.0

Sample Location		RW-11		RW-12														RW-13	
Purge Date		22-May-13	27-Mar-14	20-May-13	28-May-14	2-Jul-14	7-Aug-14	29-Oct-14	4-Feb-15	4-May-15	12-Aug-15	1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	20-May-13	27-Mar-14
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Sample Date		22-May-13	27-Mar-14	20-May-13	28-May-14	2-Jul-14	7-Aug-14	29-Oct-14	4-Feb-15	4-May-15	12-Aug-15	1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	20-May-13	27-Mar-14
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Field Parameters	Units																		
Conductivity	mS/cm	0.79	0.82	1.02	1.76	2.09	2.00	1.60	1.37	1.49	1.23	1.60	1.40	1.54	1.58	1.30	1.37	1.08	1.12
Dissolved Oxygen	mg/L	2.36	1.62	0.06	0.06	0.24	0.45	1.02	0.34	0.09	0.12	0.12	1.76	0.11	1.33	0.13	0.24	1.96	2.13
Oxidation Reduction Potential	mV	94.5	88.8	20.0	-149.5	-204.6	-159.7	-44.7	-284.1	-113.1	-76.9	-62.4	-35.5	-16.9	-62.0	-70.3	-14.1	48.6	101.8
pH	S.U.	7.15	7.33	7.10	7.25	7.11	7.17	7.30	7.36	7.40	7.34	7.32	7.41	7.33	7.36	7.09	7.33	7.21	7.25
Temperature	deg C	14.6	5.1	16.0	24.1	17.4	18.1	14.8	6.8	12.4	17.7	10.5	10.7	17.4	7.2	16.8	10.5	17.2	6.0
Turbidity	NTU	0.11 ⁹	1.31	—	1.10	5.55	2.82	2.45	1.40	0.61	3.66	2.27	2.56	5.50	7.13	2.24	3.18	5.10	1.86
Volume Purged	gal	0.4	0.7	1.0	2.0	0.9	1.3	0.6	1.7	2.9	1.1	1.3	0.6	1.8	0.7	1.6	1.0	2.3	2.0

See last page for Notes.

Table 3
Summary of Groundwater Field Parameters
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Notes:

deg c degrees Celsius

gal gallons

mg/l milligrams per liter

mS/cm milliSiemens per centimeter

mV millivolts

NTU nephelometric turbidity unit

AU attenuation unit (equivalent to NTU)

S.U. standard units

^a Sample turbidity measured approximately 10 minutes prior to sampling; subsequent measurements (-126 NTU) indicated that the turbidity meter was not functioning.

^b Sample turbidity measured approximately 5 minutes prior to sampling; subsequent measurement (-0.02 NTU) indicated that the turbidity meter was not functioning.

^c Turbidity meter was not functioning; groundwater was clear and did not have an odor.

^d Due to a large drop in water level, RW-4 was purged and sampled by bailer (during the May 2015 event); parameters provided were not measured downhole.

^e Turbidity measured in AU. Water was not becoming sufficiently clearer with purge activities.

^f RW-4 reported data was collected directly prior to sampling after well had recharged following drying during purge; switched from low-flow to volumetric purge due to water level decline.

Parameter Average for All Wells																			
Pre - Post Injection Comparison																			
Parameter	Mar-14	May-14	Jul-14	Aug-14	Oct-14	Feb-15	May-15	Aug-15	Feb-16	May-16	Aug-16	Feb-17	Aug-17	Feb-18	Aug-18	Jun-19	Aug-20	Sep-21	Sep-22
Conductivity	1.04	1.36	1.60	1.29	1.15	1.21	1.23	1.94	1.89	1.42	2.20	1.46	1.86	1.01	1.97	1.48	1.99	2.19	1.77
Dissolved Oxygen	0.55	0.57	0.33	0.34	0.56	0.15	0.40	0.29	0.26	0.68	0.28	1.73	0.34	0.71	0.74	1.44	0.37	0.38	0.94
ORP	117.55	-80.19	-173.91	-242.46	-172.97	-237.27	-220.33	-88.15	-212.08	-159.98	-113.81	-107.77	25.95	-6.56	-97.61	-13.18	-50.61	-121.04	102.73
pH	7.17	7.19	7.11	7.07	7.20	7.29	7.09	7.12	7.11	7.12	7.22	7.07	7.02	7.00	7.12	6.98	7.05	7.43	7.27
Temperature	6.45	20.04	17.28	16.95	16.03	11.03	13.53	17.93	13.48	13.58	18.05	12.08	18.13	13.09	17.79	16.81	18.99	19.60	19.23
Turbidity	3.76	3.46	2.74	2.49	2.64	2.17	2.77	4.14	104.13	5.38	8.89	12.02	3.97	5.65	11.28	3.54	7.53	18.34	21.60
Volume Purged	1.15	1.48	1.20	1.32	1.19	1.31	2.07	1.24	1.93	1.07	1.57	0.95	1.30	1.43	2.02	1.80	1.56	1.57	2.26
	Baseline	Month 1 Post Injection	Month 2 Post Injection	Month 3 Post Injection	Month 6 Post Injection	Month 9 Post Injection	Month 12 Post Injection	Month 15 Post Injection	Month 3 Post Supplemental Injection	Month 6 Post Supplemental Injection	Month 9 Post Supplemental Injection	Month 15 Post Supplemental Injection	Month 21 Post Supplemental Injection	Month 27 Post Supplemental Injection	Annual 2018 Event	Annual 2019 Event	Annual 2020 Event	Annual 2021 Event	Annual 2022 Event

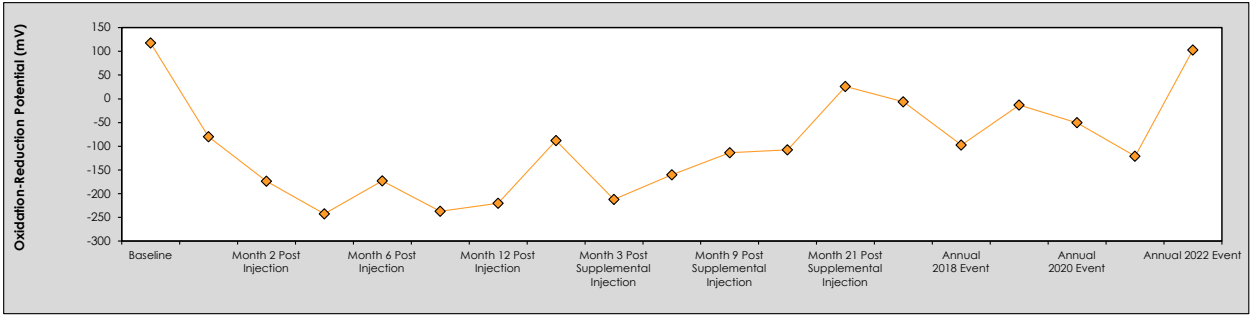


Table 4
Summary of Groundwater Elevations
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Well designation	Top of Casing Elevation	Date of Sampling Event																		
		3/27/14	5/28/14	7/2/14	8/7/14	10/29/14	2/4/15	5/4/15	8/12/15	2/1/16	5/3/16	8/9/16	2/14/17	8/14/17	2/1/18	8/9/18	06/11/19	08/19/20	09/21/21	09/13/22
RW-1	518.83	513.03	513.21	512.60	510.69	512.51	512.50	513.12	512.98	513.15	512.18	511.62	512.63	512.16	512.83	511.84	512.48	511.71	511.73	nr
RW-2	517.44	513.08	513.01	512.74	512.96	512.43	512.57	512.98	512.81	513.02	513.01	511.73	514.01	513.22	513.89	512.24	513.69	512.65	512.92	512.35
RW-3	518.60	513.34	513.37	512.97	513.73	512.74	512.83	513.40	512.99	513.35	513.55	510.91	515.47	514.85	515.65	514.25	515.29	514.50	514.62	nr
RW-4	523.90	510.22	510.45	512.50	513.03	513.43	513.60	514.85	514.73	514.83	515.89	511.48	520.67	519.15	520.50	518.25	519.41	518.72	517.98	nr
RW-5	517.66	513.06	512.38	511.56	514.12	511.89	511.14	513.16	512.58	513.09	513.41	510.33	nr	511.38	513.11	510.81	511.91	511.54	511.36	512.54
RW-6	518.87	512.64	512.74	512.13	515.87	511.87	512.06	511.52	512.38	512.30	512.49	510.15	512.74	511.67	512.77	511.27	511.67	511.42	511.62	510.78
RW-7	519.58	512.98	512.91	512.13	514.34	511.85	512.14	512.90	512.40	512.69	512.74	509.73	512.98	511.08	512.93	nr	511.30	511.12	511.64	nr
RW-9	524.09	513.84	513.66	512.77	519.04	512.36	512.69	513.85	513.04	514.07	513.59	510.88	514.44	512.76	514.54	511.89	513.30	512.02	512.35	nr
RW-12	517.13	508.65	510.79	510.15	510.90	510.42	510.75	511.21	510.73	510.65	510.64	508.14	511.53	510.91	510.58	nr	510.70	nr	nr	nr
B102-MW	524.00	507.60	510.00	509.01	509.97	512.25	512.54	513.61	513.15	513.75	514.10	510.67	519.88	518.02	519.95	517.37	518.79	517.44	517.59	nr
B106-MW	517.09	513.22	512.91	512.28	513.47	512.62	512.74	513.45	512.69	513.79	513.92	510.80	514.09	512.19	513.79	510.99	512.78	511.57	512.14	nr
B108-MW	517.03	513.66	513.53	512.67	513.69	512.50	508.92	513.88	513.19	514.12	514.08	510.98	514.94	513.40	515.03	512.53	514.08	512.70	512.93	512.61

Notes:
nr = not recorded

Table 5
Quarterly and Annual Monitoring of the Sub-Slab Depressurization System
Former Carriage Factory
33 Litchfield Street, Rochester, NY



Date	Photoionization Detector Reading ¹ (parts per million)			Vacuum Monitoring Points (Inches Water Column)						Basement inspected for cracks, new penetrations, other potential leaks? If necessary, perform smoke testing to assess the leakage potential of suspected locations.)	Fans, pilot lights inspected in the utility room? Any abnormal conditions such as hot fan housings, vibrations, or unusual noises?	Any condensation occurring in SSDS piping?
	FAN-1	FAN-2	FAN-3	VMP-1	VMP-2	VMP-3	VMP-4	VMP-5	VMP-6			
09/16/14	Not Collected			-0.051	-0.111	-0.174	-0.15	-0.237	-0.138			
12/14/14				-0.042	-0.075	-0.107	-0.099	-0.142	-0.084	None observed	None observed	None Observed
02/02/16	0.1	0	0	-0.014	-0.043	-0.084	-0.086	-0.123	-0.073	None observed	None observed	Yes ²
05/02/16	Quarterly vacuum monitoring event, PID readings not taken			-0.022	-0.064	-0.101	-0.089	-0.184	-0.113	Quarterly vacuum monitoring event, basement and fan inspection not required		Yes
05/03/16				-0.024	-0.071	-0.126	-0.107	-0.205	-0.121			Minimal ³
08/09/16				-0.038	-0.086	-0.141	-0.119	-0.196	-0.098			None Observed
12/06/16				-0.009	-0.040	-0.068	-0.067	-0.109	-0.060			Minimal
02/14/17	0.1	0	0	-0.010	-0.044	-0.075	-0.066	-0.116	-0.073	None observed	None observed	Minimal
05/08/17	Quarterly vacuum monitoring event, PID readings not taken			-0.023	-0.049	-0.099	-0.079	-0.195	-0.137	Quarterly vacuum monitoring event, basement and fan inspection not required		Minimal
08/15/17	0.0	0.1	0.3	-0.029	-0.073	-0.131	-0.110	-0.201	-0.113	None observed	None observed	None Observed
11/14/17	Quarterly vacuum monitoring event, PID readings not taken			-0.017	-0.049	-0.090	-0.084	-0.144	-0.092	Quarterly vacuum monitoring event, basement and fan inspection not required		None Observed
02/02/18	0.0	0.0	0.0	Not Collected (see 2/13/18 entry below)						See 2/13/18 entry below		
02/13/18	Not Collected (see 2/2/18 entry above)			-0.008	-0.045	-0.096	-0.077	-0.175	-0.104	None observed	None observed	Slight ³
05/14/18	Quarterly vacuum monitoring event, PID readings not taken			-0.020	-0.040	-0.095	-0.070	-0.173	-0.092	Quarterly vacuum monitoring event, basement and fan inspection not required		None Observed
11/16/18				-0.019	not read	-0.083	-0.100	-0.179	-0.110			Slight ⁴
02/20/19	0.0	0.0	0.0	-0.003	-0.030	-0.020	-0.052	-0.113	-0.064	None observed	None observed	Slight ⁵
05/09/19	Quarterly vacuum monitoring event, PID readings not taken			-0.016	-0.047	-0.107	-0.081	-0.192	-0.117	Quarterly vacuum monitoring event, basement and fan inspection not required		None Observed
08/14/19				-0.022	-0.062	-0.121	-0.091	-0.195	-0.101			None Observed
11/01/19				-0.010	-0.053	-0.100	-0.076	-0.148	-0.086			None Observed
02/19/20	0.0	0.0	0.0	-0.005	-0.028	-0.065	-0.051	-0.109	-0.075	None observed	None observed	None Observed
05/27/20	Quarterly vacuum monitoring event, PID readings not taken			-0.021	-0.059	-0.115	-0.082	-0.191	-0.098	Quarterly vacuum monitoring event, basement and fan inspection not required		None Observed
08/18/20				-0.018	-0.059	-0.114	-0.081	-0.198	-0.100			None Observed
12/01/20				-0.007	-0.057	-0.078	-0.056	-0.114	-0.068			None Observed
02/02/21	0.0	0.0	0.0	-0.001	-0.033	-0.045	-0.031	-0.071	-0.034	None observed	None observed	None Observed
05/12/21	Quarterly vacuum monitoring event, PID readings not taken			-0.009	-0.040	-0.082	-0.060	-0.143	-0.088	Quarterly vacuum monitoring event, basement and fan inspection not required		None Observed
09/20/21				-0.023	-0.058	-0.083	-0.117	-0.191	-0.092			None Observed
12/08/21				-0.004	-0.026	-0.060	-0.039	-0.098	-0.048			None Observed
02/16/22	0.1	0.1	0.2	-0.007	-0.030	-0.023	-0.024	-0.098	-0.057	None observed	None observed	None Observed
05/17/22	Quarterly vacuum monitoring event, PID readings not taken			-0.015	-0.049	-0.098	-0.061	-0.182	-0.115	Quarterly vacuum monitoring event, basement and fan inspection not required		None Observed
09/13/22				-0.022	-0.055	-0.103	-0.074	-0.189	-0.092			None Observed
12/12/22				-0.005	-0.031	-0.058	-0.044	-0.099	-0.051			None Observed
02/22/23	0.0	0.0	0.0	-0.003	-0.039	-0.062	-0.045	-0.107	-0.062	None observed	None observed	Slight ⁵

Notes:

- Fans 1, 2, and 3 are the western, central, and eastern fans, respectively.
- Based on 3/17/2016 site visit.
- Fans turned off for two hours to let condensate drain prior to taking readings.
- Fans turned off for one hour to let condensate drain prior to taking readings.
- Slight sound of water in some VMPs.

*** If one or more pilot lights are OFF, contact Stantec immediately at 585-413-5327**

Table 6
Summary of Analytical Results in Post-Construction Purge Water and Discharge Permit Samples
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Date			15-Sep-14	4-Nov-14	4-Feb-15	17-Feb-15	5-May-15	5-May-15	13-Aug-15	13-Aug-15	1-Dec-15	2-Feb-16	2-Feb-16	2-May-16	3-May-16	9-Aug-16	10-Aug-16	13-Feb-17	14-Feb-17	14-Feb-17	8-May-17	15-Aug-17
Sample Location			LI-EL-W11	LI-EL-W12	LI-EL-W13	LI-EL-W14	LI-EL-W15	LI-EL-W16	LI-EL-W17	LI-EL-W18	LI-EL-W19	LI-EL-W20	LI-EL-W21	LI-EL-W22	LI-EL-W23	LI-EL-W24	LI-EL-W25	LI-EL-W26	LI-EL-W27	LI-EL-W28	LI-EL-W29	LI-EL-W30
Sample ID			LI-EL-W11	LI-EL-W12	LI-EL-W13	LI-EL-W14	LI-EL-W15	LI-EL-W16	LI-EL-W17	LI-EL-W18	LI-EL-W19	LI-EL-W20	LI-EL-W21	LI-EL-W22	LI-EL-W23	LI-EL-W24	LI-EL-W25	LI-EL-W26	LI-EL-W27	LI-EL-W28	LI-EL-W29	LI-EL-W30
Sampling Company		County of	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory		Monroe	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order		Sewer Use	144025	144818	150381	150502	151695	151695	153410	153410	155061	160463	160463	161714	161714	163435	163435	170519	170547	170547	171925	173674
Laboratory Sample ID		Permit	144025-01	144818-01	150381-01	150502-01	151695-01	151695-02	153410-01	153410-02	155061-01	160463-01	160463-02	161714-01	161714-02	163435-01	163435-02	170519-01	170547-01	170547-02	171925-01	173674-01
Sample Type	Units	Enclosure																				
Metals																						
Cadmium	mg/L	1.0 ^A	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U
Copper	mg/L	3.0 ^A	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0276	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U
Lead	mg/L	1.0 ^A	0.0239	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0275	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U
Zinc	mg/L	5.0 ^A	0.214	0.0600 U	0.0600 U	0.0600 U	0.0600 U	0.177	0.0600 U	0.0600 U	1.15	0.319	0.0600 U	0.0993	0.0600 U	0.136	0.0600 U	0.0600 U	0.0600 U	0.0600 U	0.0600 U	0.0600 U
Volatile Organic Compounds																						
Bromodichloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethane (Ethyl Chloride)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroform (Trichloromethane)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dibromochloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, 1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	n/v	98.8	107	12.5	2.00 U	19.2	2.00 U	2.00 U	11.1	1 U	2.00 U	2.00 U	2.00 U	109	2.00 U	38.8	2.00 U	8.02	2.00 U	2.00 U	2.00 U
Dichloroethene, trans-1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropane, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, cis-1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, trans-1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	n/v	5.00 U	6.88	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Tetrachloroethene (PCE)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.25	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethene (TCE)	µg/L	n/v	2.00 U	2.14	2.86	2.00 U	2.62	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Vinyl Chloride	µg/L	n/v	10.1	33.0	4.96	2.00 U	10.3	2.00 U	2.00 U	9.14	1 U	2.00 U	2.00 U	2.00 U	35.9	2.00 U	16.4	2.00 U	4.01	2.00 U	2.00 U	2.00 U
Total VOC	µg/L	2.130 ^A	108.9	149.02	20.32	ND	34.37	ND	ND	20.24	ND	ND	ND	ND	144.9	ND	55.2	ND	12.03	ND	ND	ND

Notes:

County of Monroe	County of Monroe Sewer Use Permit
Sewer Use Permit	Enclosure (Permit Number: ST-256,
Enclosure	District Number: 8575)
A	Site Specific Requirements
15.2	Measured concentration did not exceed the indicated standard.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
ND	Not detected.

Table 6
Summary of Analytical Results in Post-Construction Purge Water and Discharge Permit Samples
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Date			15-Aug-17	14-Nov-17	1-Feb-18	2-Feb-18	14-May-18	10-Aug-18		8-Feb-19	9-May-19	11-Jun-19	14-Aug-19	26-Nov-19	27-May-20	18-Aug-20	20-Aug-20	12-May-21	20-Sep-21	22-Sep-21	8-Dec-21
Sample Location			LI-EL-W31	LI-EL-W32	LI-EL-W33	LI-EL-W34	LI-EL-W35	LI-EL-W36		LI-EL-W38	LI-EL-W39	LI-EL-W40	LI-EL-W41	LI-EL-W42	LI-EL-W44	LI-EL-W45	LI-EL-W46	LI-EL-W46	LI-EL-W47	LI-EL-W48	LI-EL-W49
Sample ID			LI-EL-W31	LI-EL-W32	LI-EL-W33	LI-EL-W34	LI-EL-W35	LI-EL-W36	LI-EL-W38	EL-W-38M Sump Sample	LI-EL-W39	LI-EL-W40	LI-EL-W41	LI-EL-W42	LI-EL-W44	LI-EL-W45	LI-EL-W46	LI-EL-W46	LI-EL-W47	LI-EL-W48	LI-EL-W49
Sampling Company		County of	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory		Monroe	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order		Sewer Use	173674	175133	180390	180390	182055	183671	190524	190713	191994	192605	193927	195865	202246	203878	203944	212010	214223	214284	215526
Laboratory Sample ID		Permit	173674-02	175133-01	180390-01	180390-02	182055-01	183671-01	190524-01	190713-01	191994-01	192605-01	193927-01	195865-01	202246-01	203878-01	203944-01	212010-01	214223-01	214284-01	215526-01
Sample Type	Units	Enclosure																			
Metals																					
Cadmium	mg/L	1.0 ^A	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	-	0.00500 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U
Copper	mg/L	3.0 ^A	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0400 U	0.0200 U	-	0.0214	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0179	0.0100 U	0.0100 U	0.0100 U	0.0100 U
Lead	mg/L	1.0 ^A	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	-	0.0100 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.0101	0.00500 U	0.00500 U	0.00500 U	0.00500 U
Zinc	mg/L	5.0 ^A	0.0600 U	0.0906	0.0947	0.0600 U	0.0600 U	0.0600 U	-	0.0600 U	0.0724	0.0300 U	0.0300 U	0.0516	0.0412	0.0313	0.0300 U	0.121	0.0300 U	0.0300 U	0.0300 U
Volatile Organic Compounds																					
Bromodichloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethane (Ethyl Chloride)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroform (Trichloromethane)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dibromochloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, 1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	n/v	3.86	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	22.8	-	2.00 U	7.52	2.00 U	2.00 U	2.00 U	2.00 U	12.0	2.00 U	2.00 U	18.1	2.00 U
Dichloroethene, trans-1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropane, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, cis-1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, trans-1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Tetrachloroethene (PCE)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	3.10	2.00 U	2.00 U	2.00 U	2.00 U	3.30	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethene (TCE)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.21	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.37	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Vinyl Chloride	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.11	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.47	2.00 U
Total VOC	µg/L	2.130 ^A	3.86	ND	ND	ND	ND	29.12	ND	-	ND	10.62	ND	ND	ND	ND	17.67	ND	ND	20.57	ND

Notes:

County of Monroe	County of Monroe Sewer Use Permit
Sewer Use Permit	Enclosure (Permit Number: ST-256,
Enclosure	District Number: 8575)
^A	Site Specific Requirements
15.2	Measured concentration did not exceed the indicated standard.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
ND	Not detected.

Table 6
Summary of Analytical Results in Post-Construction Purge Water and Discharge Permit Samples
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Date			16-Feb-22	17-May-22	13-Sep-22	13-Sep-22	12-Dec-22	22-Feb-23
Sample Location			LI-EL-W50	LI-EL-W51	LI-EL-W52	LI-EL-W53	LI-EL-W54	LI-EL-W55
Sample ID			LI-EL-W50	LI-EL-W51	LI-EL-W52	LI-EL-W53	LI - EL - W54	LI - EL - W55
Sampling Company		County of	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory		Monroe	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order		Sewer Use	220656	222278	224358	224359	225907	230689
Laboratory Sample ID		Permit	220656-01	222278-01	224358-01	224359-01	225907-01	230689-01
Sample Type	Units	Enclosure						
Metals								
Cadmium	mg/L	1.0 ^A	0.00250 U	0.005 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U
Copper	mg/L	3.0 ^A	0.0100 U	0.0080	0.0100 U	0.0100 U	0.0100 U	0.0100 U
Lead	mg/L	1.0 ^A	0.00500 U	0.01 U	0.00500 U	0.0124	0.00500 U	0.00500 U
Zinc	mg/L	5.0 ^A	0.0363	0.015	0.0300 U	0.0617	0.0300 U	0.0300 U
Volatile Organic Compounds								
Bromodichloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethane (Ethyl Chloride)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroform (Trichloromethane)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dibromochloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, 1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	66.0	2.00 U	2.00 U
Dichloroethene, trans-1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropane, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, cis-1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, trans-1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Tetrachloroethene (PCE)	µg/L	n/v	2.00 U	2.00 U	2.00 U	11.1	2.00 U	2.00 U
Trichloroethane, 1,1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethene (TCE)	µg/L	n/v	2.00 U	2.00 U	2.00 U	21.2	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Vinyl Chloride	µg/L	n/v	2.00 U	2.00 U	2.00 U	5.65	2.00 U	2.00 U
Total VOC	µg/L	2.130 ^A	ND	ND	ND	103.95	ND	ND

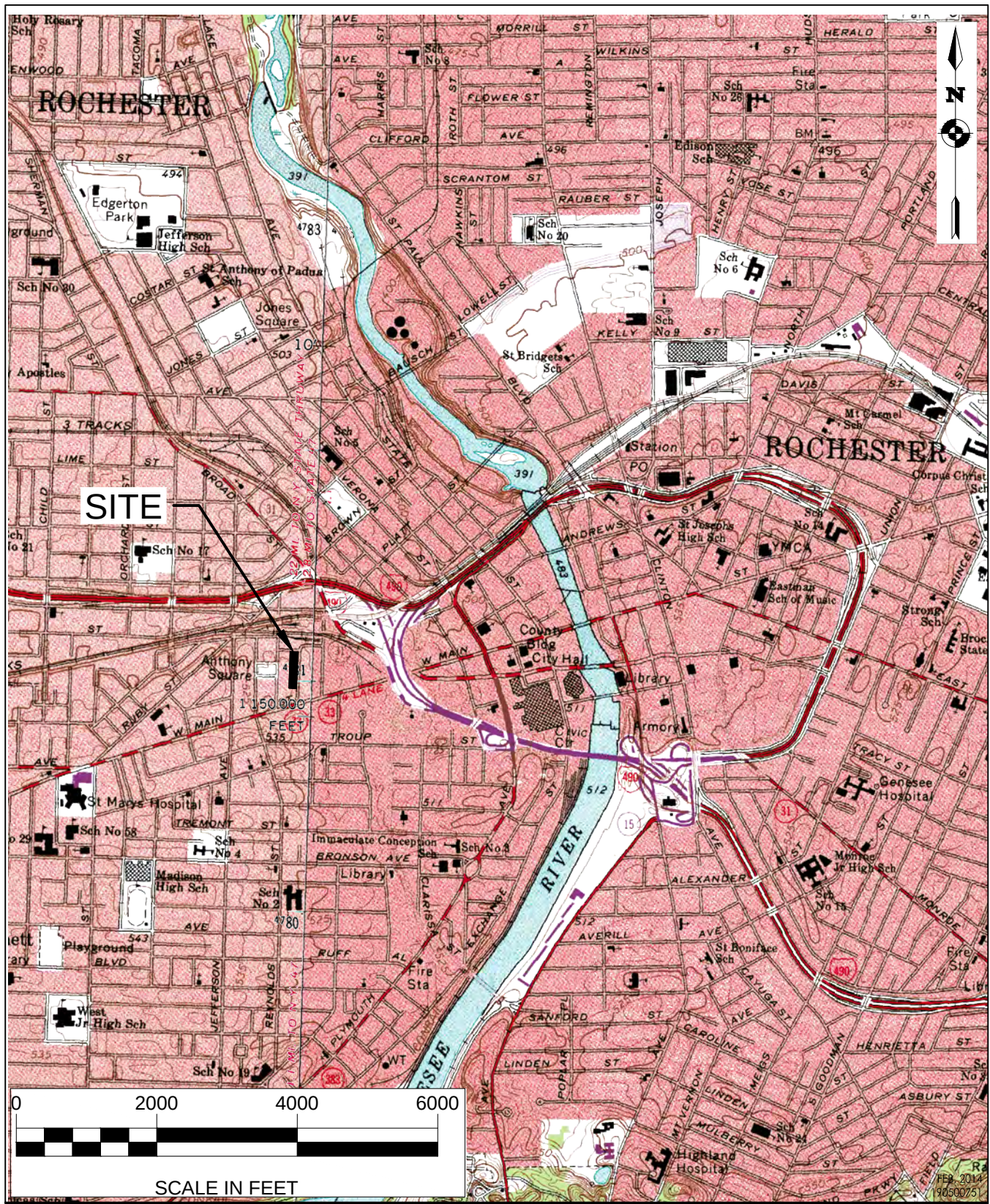
Notes:

County of Monroe	County of Monroe Sewer Use Permit
Sewer Use Permit	Enclosure (Permit Number: ST-256,
Enclosure	District Number: 8575)
^A	Site Specific Requirements
15.2	Measured concentration did not exceed the indicated standard.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
ND	Not detected.

FIGURES



ORIGINAL SHEET - ANSI A
U:\190500751\drawing\CAD\PRR\April 2016\Figure 1 - Site Location Map.dwg



61 Commercial Street, Suite 100
Rochester, New York USA 14614
585.475.1440 www.stantec.com

Client/Project

CARRIAGE FACTORY SPECIAL NEEDS APARTMENTS, L.P.
BROWNFIELD CLEANUP PROGRAM
33 LITCHFIELD STREET, ROCHESTER, NY 14608

Figure No.

1

Title

PERIODIC REVIEW REPORT
SITE LOCATION MAP



Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.

The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Consultants

Legend



33 LITCHFIELD STREET BUILDING LIMITS

LOCATIONS OF EXISTING GROUNDWATER MONITORING WELL

-MW
MONITORING WELL LOCATION (APPROX)

PROPERTY LINE

• SANITARY SEWER (SA MH=MANHOLE)



Notes

1. PLAN ADAPTED FROM BASE PLAN BY PARRONE ENGINEERING.
2. GROUND SURFACE ELEVATION CONTOURS OBTAINED FROM
DRAWING ENTITLED "BORING LOCATION PLAN"
BY FOUNDATION DESIGN, P.C., DATED JANUARY 26, 2011.

[illegible]

Client/Project

THE CARRIAGE FACTORY

BROWNFIELD CLEANUP PROGRAM
FORMER CARRIAGE FACTORY
33 LITCHFIELD STREET, ROCHESTER, NY

Title

PERIODIC REVIEW REPORT GROUNDWATER MONITORING WELLS

Project No.
190500751

Scale
AS SHOWN

Drawing No.

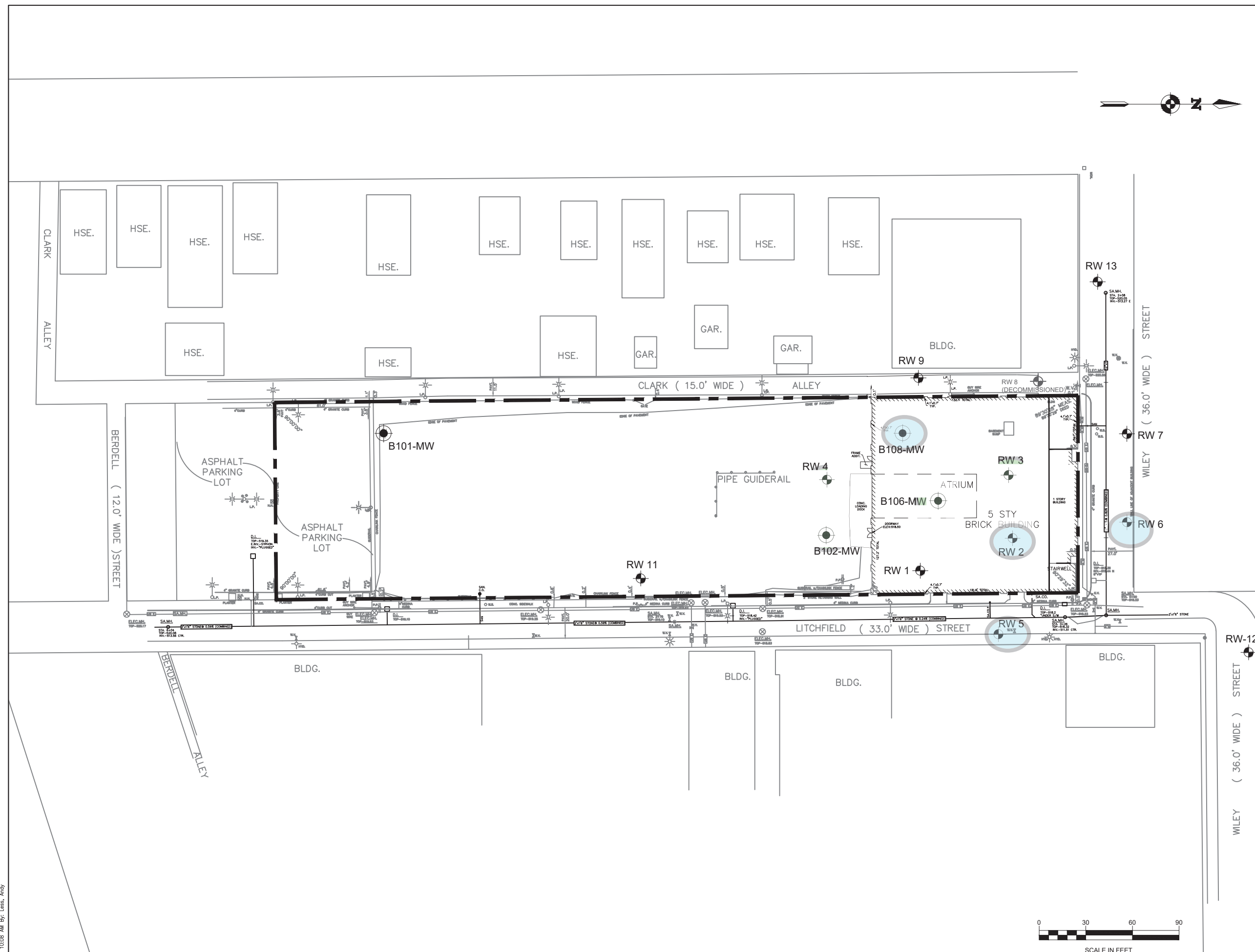
Sheet

Revision

FIGURE 2

of

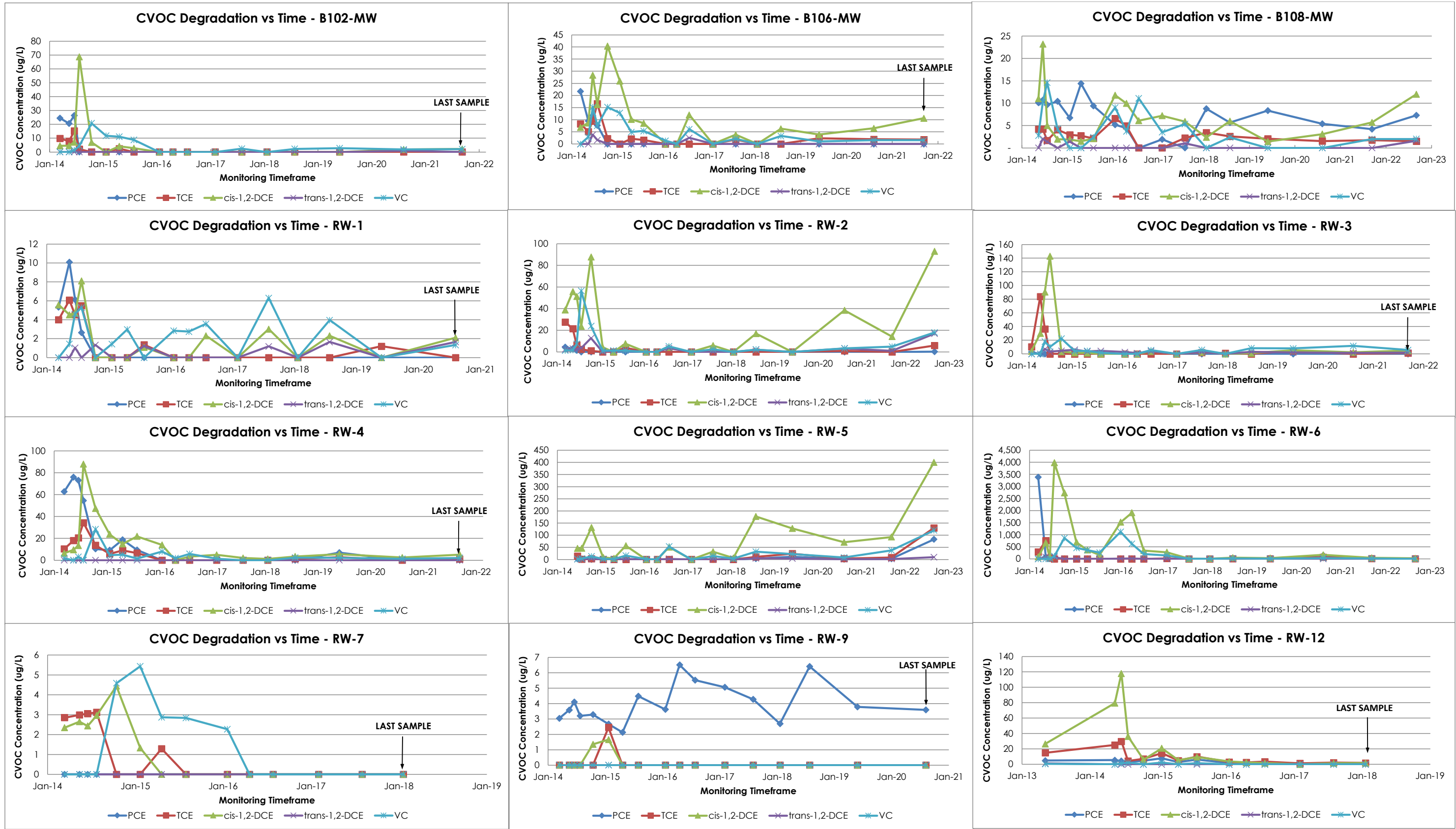
0



U:\190500751\drawing\CAD\PRR\April 2016\Figure 2 Exploration Location Plan.dwg
2016/04/04 10:08 AM By: Less, Andy

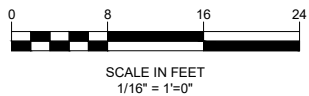
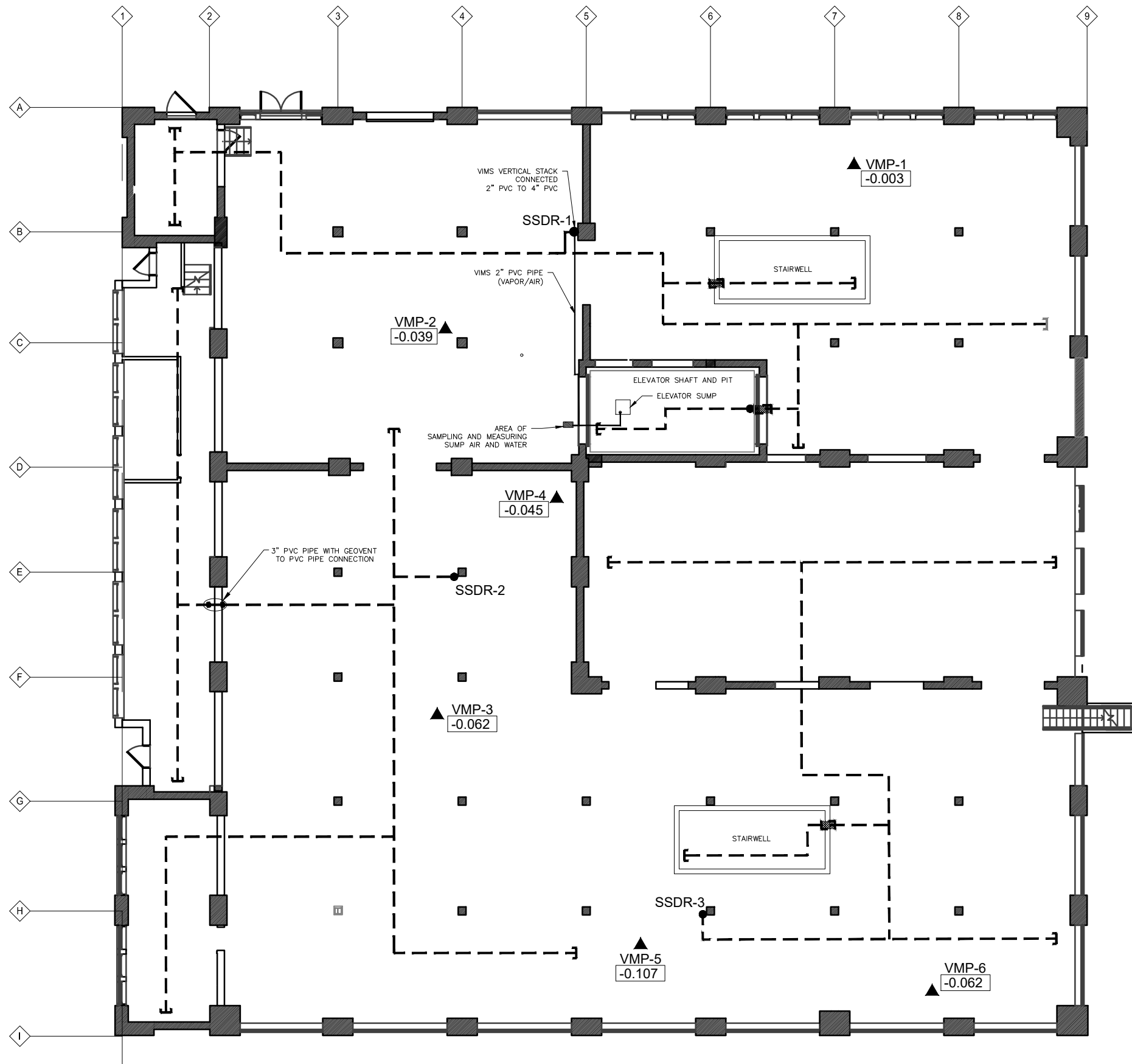
ORIGINAL SHEET - ANSI

Figure 3
Summary of CVOC Degradation Over Time - All Wells
Former Carriage Factory
33 Litchfield Street, Rochester, NY



U:\10560075\America's CAD\PRR\Mon- 2023\Figure 4 Sub-Slab Depressurization System Layout.dwg
2023/03/06 2:30 PM By: LMS, Andy

ORIGINAL SHEET -- ANSI D



Stantec
61 COMMERCIAL STREET - Suite 100
ROCHESTER, NY
14641
Tel. 585-475-1440
Fax. 585-424-5951
www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Consultants

Legend

- VACUUM MONITORING POINTS (VM)
- RISER PIPE (SSDR-1)
- GEOVENT WITH CAP
- SOLID PVC PIPE
- 3\"/>

Notes

- VIMS (LIQUID BOOT MEMBRANE SECTION) APPLICATION UNDER ALL CONCRETE SLAB HORIZONTAL APPLICATION

2023 PRR REPORT - SSDS MONITORING			
2022 PRR REPORT - SSDS MONITORING			
2019 PRR REPORT - SSDS MONITORING			
Revision	By	Appd.	YY.MM.DD
AS-BUILT DRAWINGS	BH/AL	PN	14.12.05
Issued	By	Appd.	YY.MM.DD
File Name:			
	Dwn.	Chkd.	Dsgn.
Permit-Seal			YY.MM.DD

Client/Project

CARRIAGE FACTORY
PERIODIC REVIEW REPORT

BROWNFIELD CLEANUP PROGRAM
FORMER CARRIAGE FACTORY
33 LITCHFIELD STREET, ROCHESTER, NY

Title

ANNUAL SSDS VACUUM
MONITORING, FEBRUARY 2023

Project No. 213415055 (190500751)	Scale AS SHOWN
Drawing No.	Sheet
	Revision

FIGURE 4 of 0

APPENDIX A

IC/EC Certification Forms





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



Site Details

Box 1

Site No. **C828184**

Site Name **Carriage Factory**

Site Address: 33 Litchfield Street Zip Code: 14608
City/Town: Rochester
County: Monroe
Site Acreage: 1.506

Reporting Period: March 16, 2022 to March 16, 2023

YES NO

1. Is the information above correct?

☒ ☐

If NO, include handwritten above or on a separate sheet.

2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?

☐ ☒

3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?

☐ ☒

4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?

☐ ☒

If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.

5. Is the site currently undergoing development?

☐ ☒

Box 2

YES NO

6. Is the current site use consistent with the use(s) listed below?
Restricted-Residential, Commercial, and Industrial

☒ ☐

7. Are all ICs in place and functioning as designed?

☒ ☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

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? ☐ ☒

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) ☒ ☐

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. C828184**Box 3****Description of Institutional Controls**ParcelOwnerInstitutional Control**120.36-2-20**

Carriage Factory Special Needs Apts, LP

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

Monitoring Plan
O&M Plan

A Site Management Plan which includes a soil excavation plan and IC/EC plan.

An environmental easement that requires compliance with SMP; provides for periodic certification; limits site use to restricted residential, commercial or industrial uses; and restricts the use of groundwater as a potable source.

Box 4**Description of Engineering Controls**ParcelEngineering Control**120.36-2-20**

Groundwater Treatment System
Vapor Mitigation
Cover System

Cover System: The sitewide cover system consists either of the on-site buildings, pavement, sidewalks or two feet of clean soil.

Sub-slab Depressurization system: Continued operation of the SSDS in the main occupied building is required.

Groundwater Remediation System: Continued monitoring and operation of the groundwater treatment system.

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. C828184**

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 James M. Whalen at 1931 Buffalo Road, Rochester, NY 14624,
print name print business address

am certifying as Owner (Owner or Remedial Party)

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


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

03/28/2023
Date

EC CERTIFICATIONS

Box 7

Professional Engineer 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 Dwight Harrienger at 61 Commercial Street, Suite 100, Rochester, NY 14614
print name print business address

I am certifying as a Professional Engineer for the Owner
(Owner or Remedial Party)

Dwight Harrienger

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



Stamp
(Required for PE)

4/12/2023
Date

APPENDIX B

Field Monitoring Logs



Monthly monitoring – sub –slab depressurization system

date	name	Vacuum inches water column			Pilot light on		
		Fan-1	Fan-2	Fan-3	Fan-1	Fan-2	Fan-3
1/20/22	SMK	2.3	2.4	2.1	✓	✓	✓
2/10/22	Km	2.3	2.5	2.2	✓	✓	✓
3/14/22	Km	2.3	2.4	2.1	✓	✓	✓
4/27/22	Km	2.3	2.3	2.1	✓	✓	✓
5/13/22	Km	2.1	2.2	2.1	✓	✓	✓
6/15/22	Km	2.1	2.2	2.0	✓	✓	✓
7/28/22	Km	2.0	2.2	2.0	✓	✓	✓
8/17/22							
8/16/22	Km	2.1	2.2	2.1	✓	✓	✓
9/22/22	Km	2.1	2.3	2.0	✓	✓	✓
10/11/22	Km	2.2	2.3	2.1	✓	✓	✓
11/9/22	Km	2.3	2.3	2.1	✓	✓	✓
12/2/22	Km	2.3	2.4	2.1	✓	✓	✓

APPENDIX C

Laboratory Analytical Reports





PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

222278

Referencing

190500751 Carriage Factory

Prepared

Wednesday, June 1, 2022

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Emily Faumen

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Wednesday, June 1, 2022

Page 1 of 8



Lab Project ID: 222278

Client: **Stantec**

Project Reference: 190500751 Carriage Factory

Sample Identifier: LI-EL-W51

Lab Sample ID: 222278-01

Date Sampled: 5/17/2022 11:10

Matrix: Groundwater

Date Received 5/17/2022

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Cadmium	<0.005	mg/L		5/23/2022
Copper	0.0080	mg/L		5/23/2022
Lead	<0.005	mg/L		5/23/2022
Zinc	0.015	mg/L		5/23/2022

Method Reference(s): EPA 200.7 Rev 4.4 (1994)

Subcontractor ELAP ID: 10709

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/27/2022 17:44
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/27/2022 17:44
1,1,2-Trichloroethane	< 2.00	ug/L		5/27/2022 17:44
1,1-Dichloroethane	< 2.00	ug/L		5/27/2022 17:44
1,1-Dichloroethene	< 2.00	ug/L		5/27/2022 17:44
1,2-Dichlorobenzene	< 2.00	ug/L		5/27/2022 17:44
1,2-Dichloroethane	< 2.00	ug/L		5/27/2022 17:44
1,2-Dichloropropane	< 2.00	ug/L		5/27/2022 17:44
1,3-Dichlorobenzene	< 2.00	ug/L		5/27/2022 17:44
1,4-Dichlorobenzene	< 2.00	ug/L		5/27/2022 17:44
Bromodichloromethane	< 2.00	ug/L		5/27/2022 17:44
Bromoform	< 5.00	ug/L		5/27/2022 17:44
Bromomethane	< 2.00	ug/L		5/27/2022 17:44
Carbon Tetrachloride	< 2.00	ug/L		5/27/2022 17:44
Chlorobenzene	< 2.00	ug/L		5/27/2022 17:44
Chloroethane	< 2.00	ug/L		5/27/2022 17:44
Chloroform	< 2.00	ug/L		5/27/2022 17:44
Chloromethane	< 2.00	ug/L		5/27/2022 17:44
cis-1,2-Dichloroethene	< 2.00	ug/L		5/27/2022 17:44

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 222278

Client: **Stantec**

Project Reference: 190500751 Carriage Factory

Sample Identifier: LI-EL-W51

Lab Sample ID: 222278-01

Date Sampled: 5/17/2022 11:10

Matrix: Groundwater

Date Received 5/17/2022

cis-1,3-Dichloropropene	< 2.00	ug/L	5/27/2022 17:44
Dibromochloromethane	< 2.00	ug/L	5/27/2022 17:44
Methylene chloride	< 5.00	ug/L	5/27/2022 17:44
Tetrachloroethene	< 2.00	ug/L	5/27/2022 17:44
trans-1,2-Dichloroethene	< 2.00	ug/L	5/27/2022 17:44
trans-1,3-Dichloropropene	< 2.00	ug/L	5/27/2022 17:44
Trichloroethene	< 2.00	ug/L	5/27/2022 17:44
Trichlorofluoromethane	< 2.00	ug/L	5/27/2022 17:44
Vinyl chloride	< 2.00	ug/L	5/27/2022 17:44

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	77.2	81.1 - 136	*	5/27/2022 17:44
4-Bromofluorobenzene	76.4	75.8 - 132		5/27/2022 17:44
Pentafluorobenzene	113	82 - 132		5/27/2022 17:44
Toluene-D8	102	64.6 - 137		5/27/2022 17:44

Method Reference(s): EPA 624.1
EPA 5030C

Data File: z09538.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"H" = Denotes a parameter analyzed outside of holding time.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM
PUBLICATIONS, INC.

LAB PROJECT ID:

ATTN:	ATTN:
Matrix Codes:	
AQ - Aqueous Liquid	WA - Water
NQ - Non-Aqueous Liquid	WG - Groundwater
	DW - Drinking Water
	WW - Wastewater
	SO - Soil
	SL - Sludge
	SD - Solid
	PT - Paint
	WP - Wipe
	CK - Caulk
	OL - Oil
	AR - Air

Availability contingent upon lab approval; additional fees may apply.

Total Cost:



See additional page for sample conditions.



2 of 2

Chain of Custody Supplement

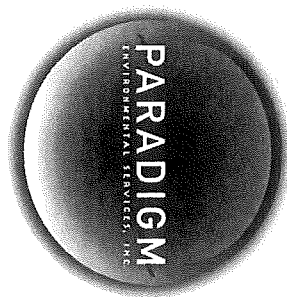
Client: StantecCompleted by: Glenn PezzulloLab Project ID: 222278Date: 5/17/22

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☒ VOA	☐	☒
Comments			
Preservation	☒	☐	☐
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☒	☐	☒ metals
Comments	VOA 624: Cl neg.		
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☒ metals
Comments	12°C iced started in field		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			

ELAP ID: 10709





PARADIGM
ENVIRONMENTAL SERVICES, INC.

COMPANY:	Paradigm Environmental		COMPANY:	Same
ADDRESS:			ADDRESS:	
CITY:	STATE: ZIP:		CITY:	STATE: ZIP:
PHONE:	FAX:		PHONE:	FAX:
ATTN:	Reporting		ATTN:	Accounts Payable
COMMENTS: Please email results to reporting@paradigmenv.com				

LAB PROJECT #:
CLIENT PROJECT #:

TURNAROUND TIME: (WORKING DAYS)
☐ 1 ☐ 2 ☐ 3 ☒ 4 ☐ 5

STD
☐ 1 ☐ 2 ☐ 3 ☒ 4 ☐ 5

OTHER
☐

Date Due: 5/25/22

DATE	TIME	COMPOSITE	GRADES	SAMPLE LOCATION/FIELD ID	MATERIALS CONTAINER	Cd, Cu, Pb, Zn 2007	REMARKS	PARADIGM LAB SAMPLE NUMBER
15/17/22	11:10		X	222278-01	Ground water	X		009
2								
3								
4								
5								
6								
7								
8								
9								
10								

****LAB USE ONLY BELOW THIS LINE****

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter		NELAC Compliance	
Container Type:		Y ☐	N ☐
Comments:			
Preservation:		Y ☐	N ☐
Comments:			
Holding Time:		Y ☐	N ☐
Comments:			
Temperature:	4°C	Y ☐	N ☐
Comments:			

Client		Total Cost:	
Sampled By	Date/Time		
Reinquinshed By	Date/Time		
Received By	Date/Time		
Received @ Lab By	Date/Time		



Analytical Report For

Stantec

For Lab Project ID

224357

Referencing

Carriage Factory

Prepared

Wednesday, September 28, 2022

The enclosed reports reflect an analysis that has been subcontracted and are presented in their original form.

Enclosed is a summary report; the complete ASP package will follow.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



ANALYTICAL REPORT

Lab Number:	L2250169
Client:	Paradigm Environmental Services 179 Lake Avenue Rochester, NY 14608
ATTN:	Jane Daloia
Phone:	(585) 647-2530
Project Name:	224357
Project Number:	224357
Report Date:	09/28/22

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: 224357
Project Number: 224357

Lab Number: L2250169
Report Date: 09/28/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2250169-01	LI-B108MW-ANNUAL 2022 224357-01	WATER	Not Specified	09/13/22 09:35	09/14/22
L2250169-02	LI-RW2-ANNUAL 2022 224357-02	WATER	Not Specified	09/13/22 16:05	09/14/22
L2250169-03	LI-RW5-ANNUAL 2022 224357-03	WATER	Not Specified	09/13/22 15:35	09/14/22
L2250169-04	LI-RW6-ANNUAL 2022 224357-04	WATER	Not Specified	09/13/22 14:00	09/14/22
L2250169-05	TRIP BLANK 224357-05	WATER	Not Specified	09/06/22 09:00	09/14/22
L2250169-06	LI-FD-ANNUAL 2022 224357- 06	WATER	Not Specified	09/13/22 14:05	09/14/22

Project Name: 224357
Project Number: 224357

Lab Number: L2250169
Report Date: 09/28/22

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: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

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.

Volatile Organics

L2250169-05: The Trip Blank has a result for acetone present above the reporting limit. The results of the original analysis are reported.

Total Organic Carbon

The WG1689007-4 MS recovery, performed on L2250169-01, is outside the acceptance criteria for total organic carbon (123%); however, the associated LCS recovery is within criteria. No further action was taken.

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

Authorized Signature:

 Melissa Sturgis

Title: Technical Director/Representative

Date: 09/28/22

ORGANICS

VOLATILES

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-01

Date Collected: 09/13/22 09:35

Client ID: LI-B108MW-ANNUAL 2022 224357-01

Date Received: 09/14/22

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260C

Analytical Date: 09/22/22 15:29

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	7.3		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	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	0.70	J	ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	2.0		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	1.6	J	ug/l	2.5	0.70	1
Trichloroethene	1.5		ug/l	0.50	0.18	1

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-01

Date Collected: 09/13/22 09:35

Client ID: LI-B108MW-ANNUAL 2022 224357-01

Date Received: 09/14/22

Sample Location: Not Specified

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/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	12		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	14	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	5.5		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
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
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

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-01

Date Collected: 09/13/22 09:35

Client ID: LI-B108MW-ANNUAL 2022 224357-01

Date Received: 09/14/22

Sample Location: Not Specified

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	116		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	99		70-130

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-02
 Client ID: LI-RW2-ANNUAL 2022 224357-02
 Sample Location: Not Specified

Date Collected: 09/13/22 16:05
 Date Received: 09/14/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/22/22 15:50
 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	0.21	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
1,3-Dichloropropene, Total	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	18		ug/l	1.0	0.07	1
Chloroethane	1.1	J	ug/l	2.5	0.70	1
1,1-Dichloroethene	1.2		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	17		ug/l	2.5	0.70	1
Trichloroethene	5.9		ug/l	0.50	0.18	1

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-02

Date Collected: 09/13/22 16:05

Client ID: LI-RW2-ANNUAL 2022 224357-02

Date Received: 09/14/22

Sample Location: Not Specified

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/l	2.5	0.70	1
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	0.91	J	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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	93		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	110		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	8.1		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
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
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

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-02

Date Collected: 09/13/22 16:05

Client ID: LI-RW2-ANNUAL 2022 224357-02

Date Received: 09/14/22

Sample Location: Not Specified

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	118		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-03 D
 Client ID: LI-RW5-ANNUAL 2022 224357-03
 Sample Location: Not Specified

Date Collected: 09/13/22 15:35
 Date Received: 09/14/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/22/22 16:11
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	83		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
1,3-Dichloropropene, Total	ND		ug/l	2.0	0.58	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	9.9		ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	ND		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	120		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	1.5	J	ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	9.4	J	ug/l	10	2.8	4
Trichloroethene	130		ug/l	2.0	0.70	4

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-03 D
 Client ID: LI-RW5-ANNUAL 2022 224357-03
 Sample Location: Not Specified

Date Collected: 09/13/22 15:35
 Date Received: 09/14/22
 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/l	10	2.8	4
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	ND		ug/l	10	2.8	4
o-Xylene	ND		ug/l	10	2.8	4
Xylenes, Total	ND		ug/l	10	2.8	4
cis-1,2-Dichloroethene	400		ug/l	10	2.8	4
1,2-Dichloroethene, Total	410	J	ug/l	10	2.8	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	7.2	J	ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
n-Butylbenzene	ND		ug/l	10	2.8	4
sec-Butylbenzene	ND		ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Isopropylbenzene	ND		ug/l	10	2.8	4
p-Isopropyltoluene	ND		ug/l	10	2.8	4
Naphthalene	ND		ug/l	10	2.8	4
n-Propylbenzene	ND		ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	ND		ug/l	10	2.8	4
1,2,4-Trimethylbenzene	ND		ug/l	10	2.8	4
Methyl Acetate	ND		ug/l	8.0	0.94	4
Cyclohexane	ND		ug/l	40	1.1	4
1,4-Dioxane	ND		ug/l	1000	240	4
Freon-113	ND		ug/l	10	2.8	4
Methyl cyclohexane	ND		ug/l	40	1.6	4

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-03 D
 Client ID: LI-RW5-ANNUAL 2022 224357-03
 Sample Location: Not Specified

Date Collected: 09/13/22 15:35
 Date Received: 09/14/22
 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	127		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	114		70-130

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-04
 Client ID: LI-RW6-ANNUAL 2022 224357-04
 Sample Location: Not Specified

Date Collected: 09/13/22 14:00
 Date Received: 09/14/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/22/22 16:33
 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	14		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
1,3-Dichloropropene, Total	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	4.0		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	3.2		ug/l	0.50	0.18	1

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-04
 Client ID: LI-RW6-ANNUAL 2022 224357-04
 Sample Location: Not Specified

Date Collected: 09/13/22 14:00
 Date Received: 09/14/22
 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/l	2.5	0.70	1
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	0.79	J	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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	24		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	24		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
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

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-04

Date Collected: 09/13/22 14:00

Client ID: LI-RW6-ANNUAL 2022 224357-04

Date Received: 09/14/22

Sample Location: Not Specified

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	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	106		70-130

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-05
 Client ID: TRIP BLANK 224357-05
 Sample Location: Not Specified

Date Collected: 09/06/22 09:00
 Date Received: 09/14/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/22/22 16:54
 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
1,3-Dichloropropene, Total	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

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-05
 Client ID: TRIP BLANK 224357-05
 Sample Location: Not Specified

Date Collected: 09/06/22 09:00
 Date Received: 09/14/22
 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/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	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	5.8		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
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
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

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-05
 Client ID: TRIP BLANK 224357-05
 Sample Location: Not Specified

Date Collected: 09/06/22 09:00
 Date Received: 09/14/22
 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	122		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	111		70-130

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-06
 Client ID: LI-FD-ANNUAL 2022 224357-06
 Sample Location: Not Specified

Date Collected: 09/13/22 14:05
 Date Received: 09/14/22
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 09/22/22 17:15
 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	16		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
1,3-Dichloropropene, Total	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	0.73	J	ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	3.8		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	3.6		ug/l	0.50	0.18	1

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-06
 Client ID: LI-FD-ANNUAL 2022 224357-06
 Sample Location: Not Specified

Date Collected: 09/13/22 14:05
 Date Received: 09/14/22
 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/l	2.5	0.70	1
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	0.72	J	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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	28		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	28		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	5.4		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
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
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

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-06

Date Collected: 09/13/22 14:05

Client ID: LI-FD-ANNUAL 2022 224357-06

Date Received: 09/14/22

Sample Location: Not Specified

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	119		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/22/22 11:58
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1691103-5					
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
1,3-Dichloropropene, Total	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

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/22/22 11:58
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1691103-5					
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
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
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	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
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70

Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 09/22/22 11:58
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1691103-5					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	93		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 224357
Project Number: 224357

Lab Number: L2250169
Report Date: 09/28/22

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

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1691103-3 WG1691103-4

Methylene chloride	97		100		70-130	3	20
1,1-Dichloroethane	120		130		70-130	8	20
Chloroform	100		110		70-130	10	20
Carbon tetrachloride	97		100		63-132	3	20
1,2-Dichloropropane	110		120		70-130	9	20
Dibromochloromethane	99		99		63-130	0	20
1,1,2-Trichloroethane	97		100		70-130	3	20
Tetrachloroethene	110		110		70-130	0	20
Chlorobenzene	99		99		75-130	0	20
Trichlorofluoromethane	120		130		62-150	8	20
1,2-Dichloroethane	100		110		70-130	10	20
1,1,1-Trichloroethane	100		110		67-130	10	20
Bromodichloromethane	98		110		67-130	12	20
trans-1,3-Dichloropropene	91		94		70-130	3	20
cis-1,3-Dichloropropene	88		97		70-130	10	20
Bromoform	89		88		54-136	1	20
1,1,2,2-Tetrachloroethane	88		93		67-130	6	20
Benzene	93		94		70-130	1	20
Toluene	100		100		70-130	0	20
Ethylbenzene	95		94		70-130	1	20
Chloromethane	180	Q	200	Q	64-130	11	20
Bromomethane	96		100		39-139	4	20
Vinyl chloride	150	Q	160	Q	55-140	6	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 224357
Project Number: 224357

Lab Number: L2250169
Report Date: 09/28/22

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

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1691103-3 WG1691103-4

Chloroethane	120		140	Q	55-138	15		20
1,1-Dichloroethene	110		120		61-145	9		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	96		97		70-130	1		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	99		99		70-130	0		20
Methyl tert butyl ether	74		82		63-130	10		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	96		110		70-130	14		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	140		160	Q	36-147	13		20
Acetone	120		140		58-148	15		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	100		130		63-138	26	Q	20
4-Methyl-2-pentanone	91		100		59-130	9		20
2-Hexanone	77		84		57-130	9		20
Bromochloromethane	100		120		70-130	18		20
1,2-Dibromoethane	91		97		70-130	6		20
n-Butylbenzene	97		96		53-136	1		20
sec-Butylbenzene	92		93		70-130	1		20
tert-Butylbenzene	90		88		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 224357
Project Number: 224357

Lab Number: L2250169
Report Date: 09/28/22

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

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1691103-3 WG1691103-4

1,2-Dibromo-3-chloropropane	78		83		41-144	6		20
Isopropylbenzene	86		84		70-130	2		20
p-Isopropyltoluene	93		90		70-130	3		20
Naphthalene	69	Q	72		70-130	4		20
n-Propylbenzene	92		91		69-130	1		20
1,2,3-Trichlorobenzene	88		90		70-130	2		20
1,2,4-Trichlorobenzene	88		88		70-130	0		20
1,3,5-Trimethylbenzene	93		92		64-130	1		20
1,2,4-Trimethylbenzene	88		88		70-130	0		20
Methyl Acetate	110		130		70-130	17		20
Cyclohexane	140	Q	150	Q	70-130	7		20
1,4-Dioxane	90		96		56-162	6		20
Freon-113	120		130		70-130	8		20
Methyl cyclohexane	90		90		70-130	0		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	106		115		70-130
Toluene-d8	108		107		70-130
4-Bromofluorobenzene	96		93		70-130
Dibromofluoromethane	104		109		70-130



Project Name: 224357
Project Number: 224357

Lab Number: L2250169
Report Date: 09/28/22

Matrix Spike Analysis
Batch Quality Control

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1691103-6 WG1691103-7 QC Sample: L2250169-01 Client ID: LI-B108MW-ANNUAL 2022 224357-01									
Methylene chloride	ND	10	10	100	10	100	70-130	0	20
1,1-Dichloroethane	ND	10	12	120	13	130	70-130	8	20
Chloroform	ND	10	11	110	11	110	70-130	0	20
Carbon tetrachloride	ND	10	10	100	11	110	63-132	10	20
1,2-Dichloropropane	ND	10	13	130	13	130	70-130	0	20
Dibromochloromethane	ND	10	11	110	11	110	63-130	0	20
1,1,2-Trichloroethane	ND	10	11	110	12	120	70-130	9	20
Tetrachloroethene	7.3	10	18	107	20	127	70-130	11	20
Chlorobenzene	ND	10	10	100	11	110	75-130	10	20
Trichlorofluoromethane	ND	10	13	130	14	140	62-150	7	20
1,2-Dichloroethane	ND	10	13	130	13	130	70-130	0	20
1,1,1-Trichloroethane	ND	10	11	110	12	120	67-130	9	20
Bromodichloromethane	ND	10	11	110	10	100	67-130	10	20
trans-1,3-Dichloropropene	ND	10	8.9	89	9.4	94	70-130	5	20
cis-1,3-Dichloropropene	ND	10	8.4	84	8.0	80	70-130	5	20
Bromoform	ND	10	9.5	95	9.9	99	54-136	4	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	10	100	11	110	70-130	10	20
Ethylbenzene	ND	10	9.8	98	11	110	70-130	12	20
Chloromethane	0.703	10	21	210	21	210	64-130	0	20
Bromomethane	ND	10	9.7	97	11	110	39-139	13	20
Vinyl chloride	2.0	10	18	160	Q	170	Q 55-140	5	20

Project Name: 224357
Project Number: 224357

Lab Number: L2250169
Report Date: 09/28/22

Matrix Spike Analysis
Batch Quality Control

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Qual Limits	RPD Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1691103-6 WG1691103-7 QC Sample: L2250169-01 Client ID: LI-B108MW-ANNUAL 2022 224357-01									
Chloroethane	ND	10	13	130	14	140	Q 55-138	7	20
1,1-Dichloroethene	ND	10	12	120	13	130	61-145	8	20
trans-1,2-Dichloroethene	1.6J	10	13	130	14	140	Q 70-130	7	20
Trichloroethene	1.5	10	13	115	13	115	70-130	0	20
1,2-Dichlorobenzene	ND	10	10	100	11	110	70-130	10	20
1,3-Dichlorobenzene	ND	10	11	110	11	110	70-130	0	20
1,4-Dichlorobenzene	ND	10	10	100	11	110	70-130	10	20
Methyl tert butyl ether	ND	10	8.8	88	9.2	92	63-130	4	20
p/m-Xylene	ND	20	21	105	22	110	70-130	5	20
o-Xylene	ND	20	20	100	22	110	70-130	10	20
cis-1,2-Dichloroethene	12	10	22	100	24	120	70-130	9	20
Styrene	ND	20	22	110	23	115	70-130	4	20
Dichlorodifluoromethane	ND	10	16	160	16	160	Q 36-147	0	20
Acetone	5.5	10	18	125	16	105	58-148	12	20
Carbon disulfide	ND	10	12	120	13	130	51-130	8	20
2-Butanone	ND	10	14	140	Q 13	130	63-138	7	20
4-Methyl-2-pentanone	ND	10	11	110	11	110	59-130	0	20
2-Hexanone	ND	10	9.6	96	10	100	57-130	4	20
Bromochloromethane	ND	10	11	110	11	110	70-130	0	20
1,2-Dibromoethane	ND	10	11	110	11	110	70-130	0	20
n-Butylbenzene	ND	10	9.9	99	11	110	53-136	11	20
sec-Butylbenzene	ND	10	9.4	94	11	110	70-130	16	20
tert-Butylbenzene	ND	10	8.8	88	10	100	70-130	13	20



Project Name: 224357
Project Number: 224357

Lab Number: L2250169
Report Date: 09/28/22

Matrix Spike Analysis
Batch Quality Control

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MS Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1691103-6 WG1691103-7 QC Sample: L2250169-01 Client ID: LI-B108MW-ANNUAL 2022 224357-01											
1,2-Dibromo-3-chloropropane	ND	10	8.7	87		9.0	90		41-144	3	20
Isopropylbenzene	ND	10	8.7	87		9.7	97		70-130	11	20
p-Isopropyltoluene	ND	10	9.2	92		10	100		70-130	8	20
Naphthalene	ND	10	7.7	77		8.3	83		70-130	8	20
n-Propylbenzene	ND	10	9.3	93		10	100		69-130	7	20
1,2,3-Trichlorobenzene	ND	10	9.2	92		10	100		70-130	8	20
1,2,4-Trichlorobenzene	ND	10	8.6	86		9.6	96		70-130	11	20
1,3,5-Trimethylbenzene	ND	10	9.6	96		10	100		64-130	4	20
1,2,4-Trimethylbenzene	ND	10	9.2	92		10	100		70-130	8	20
Methyl Acetate	ND	10	11	110		12	120		70-130	9	20
Cyclohexane	ND	10	14	140	Q	15	150	Q	70-130	7	20
1,4-Dioxane	ND	500	520	104		480	96		56-162	8	20
Freon-113	ND	10	13	130		14	140	Q	70-130	7	20
Methyl cyclohexane	ND	10	9.5J	95		10	100		70-130	5	20

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	119		109		70-130
4-Bromofluorobenzene	89		90		70-130
Dibromofluoromethane	102		102		70-130
Toluene-d8	95		95		70-130

INORGANICS & MISCELLANEOUS

Project Name: 224357
Project Number: 224357

Lab Number: L2250169
Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-01
Client ID: LI-B108MW-ANNUAL 2022 224357-01
Sample Location: Not Specified

Date Collected: 09/13/22 09:35
Date Received: 09/14/22
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										
Total Organic Carbon	1.3		mg/l	0.50	0.10	1	-	09/19/22 07:24	1,9060A	DW



Project Name: 224357

Project Number: 224357

Lab Number: L2250169

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-02

Client ID: LI-RW2-ANNUAL 2022 224357-02

Sample Location: Not Specified

Date Collected: 09/13/22 16:05

Date Received: 09/14/22

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										
Total Organic Carbon	3.6		mg/l	0.50	0.10	1	-	09/19/22 08:02	1,9060A	DW



Project Name: 224357

Project Number: 224357

Lab Number: L2250169

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-03

Client ID: LI-RW5-ANNUAL 2022 224357-03

Sample Location: Not Specified

Date Collected: 09/13/22 15:35

Date Received: 09/14/22

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										
Total Organic Carbon	2.2		mg/l	0.50	0.10	1	-	09/19/22 08:39	1,9060A	DW



Project Name: 224357

Project Number: 224357

Lab Number: L2250169

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-04

Client ID: LI-RW6-ANNUAL 2022 224357-04

Sample Location: Not Specified

Date Collected: 09/13/22 14:00

Date Received: 09/14/22

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										
Total Organic Carbon	1.5		mg/l	0.50	0.10	1	-	09/19/22 09:16	1,9060A	DW



Project Name: 224357

Project Number: 224357

Lab Number: L2250169

Report Date: 09/28/22

SAMPLE RESULTS

Lab ID: L2250169-06

Client ID: LI-FD-ANNUAL 2022 224357-06

Sample Location: Not Specified

Date Collected: 09/13/22 14:05

Date Received: 09/14/22

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										
Total Organic Carbon	1.4		mg/l	0.50	0.10	1	-	09/19/22 09:52	1,9060A	DW



Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

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): 01-04,06 Batch: WG1689007-1										
Total Organic Carbon	ND		mg/l	0.50	0.10	1	-	09/19/22 05:43	1,9060A	DW

Lab Control Sample Analysis
Batch Quality Control

Project Name: 224357
Project Number: 224357

Lab Number: L2250169
Report Date: 09/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1689007-2								
Total Organic Carbon	98		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 224357
Project Number: 224357

Lab Number: L2250169
Report Date: 09/28/22

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): 01-04,06 QC Batch ID: WG1689007-4 QC Sample: L2250169-01 Client ID: LI-B108MW-ANNUAL 2022 224357-01											
Total Organic Carbon	1.3	16	21	123	Q	-	-	-	80-120	-	20



Lab Duplicate Analysis
Batch Quality Control

Project Name: 224357
Project Number: 224357

Lab Number: L2250169
Report Date: 09/28/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s) : 01-04,06 QC Batch ID: WG1689007-3 QC Sample: L2250169-01 Client ID: LI-B108MW-ANNUAL 2022 224357-01						
Total Organic Carbon	1.3	1.2	mg/l	8		20

Project Name: 224357
Project Number: 224357

Serial_No:09282212:28
Lab Number: L2250169
Report Date: 09/28/22

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information
Cooler
A
Custody Seal
Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2250169-01A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2250169-01A1	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2250169-01A2	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2250169-01B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2250169-01B1	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2250169-01B2	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2250169-01C	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2250169-01C1	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2250169-01C2	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2250169-01D	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2250169-01D1	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2250169-01D2	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2250169-02A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2250169-02B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2250169-02C	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2250169-02D	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2250169-03A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2250169-03B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2250169-03C	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2250169-03D	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2250169-04A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2250169-04B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2250169-04C	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)

*Values in parentheses indicate holding time in days



Project Name: 224357
Project Number: 224357

Serial_No:09282212:28
Lab Number: L2250169
Report Date: 09/28/22

Container Information		Initial		Final		Temp		Pres		Seal		Frozen		Analysis(*)	
Container ID	Container Type	Cooler	pH	pH	deg C	Pres	Seal	Date/Time							
L2250169-04D	Vial H2SO4 preserved	A	NA		2.1	Y	Absent							TOC-9060(28)	
L2250169-05A	Vial HCl preserved	A	NA		2.1	Y	Absent							NYTCL-8260-R2(14)	
L2250169-06A	Vial HCl preserved	A	NA		2.1	Y	Absent							NYTCL-8260-R2(14)	
L2250169-06B	Vial HCl preserved	A	NA		2.1	Y	Absent							NYTCL-8260-R2(14)	
L2250169-06C	Vial H2SO4 preserved	A	NA		2.1	Y	Absent							TOC-9060(28)	
L2250169-06D	Vial H2SO4 preserved	A	NA		2.1	Y	Absent							TOC-9060(28)	

*Values in parentheses indicate holding time in days



Project Name: 224357

Lab Number: L2250169

Project Number: 224357

Report Date: 09/28/22

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: 224357
Project Number: 224357

Lab Number: L2250169
Report Date: 09/28/22

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.

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

Report Format: DU Report with 'J' Qualifiers



Project Name: 224357
Project Number: 224357

Lab Number: L2250169
Report Date: 09/28/22

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.)

Report Format: DU Report with 'J' Qualifiers



Project Name: 224357**Lab Number:** L2250169**Project Number:** 224357**Report Date:** 09/28/22

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 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, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, 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

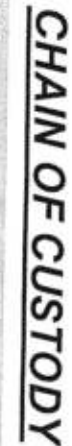
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

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.

**INVOICE TO:**Date Due: Standard Turn - Data

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

NELAC Compliance

Client

4.

ished By

14

By

5

Total Cost

PLF

Received By	Date/Time
	9/15/22 2010
Received @ Lab By	Date/Time



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"H" = Sample analyzed outside of holding time.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

1 of 2



Jaura.best@stark.com

7/13/22 created on
9/12/22 per TB log

9/14/22

CUSTODIAN SEARS N/A, dropped off by client
 ing this form, client agrees to Paradigm Terms and Conditions (reverse).
 8°C in ice in field @ 1718 g/12/17
 See additional page for sample conditions.



Chain of Custody Supplement

Client: Stantec
 Lab Project ID: 224357

Completed by: SN
 Date: 9/14/22

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	<i>NELAC compliance with the sample condition requirements upon receipt</i>		
	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☒	☐	☐
Comments			
Preservation	☒	☐	☐
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☐	☐	☒
Comments			
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☐
Comments	<u>8°C iced in field</u>		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

224358

Referencing

Carriage Factory

Prepared

Tuesday, September 20, 2022

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

A handwritten signature in black ink, consisting of several overlapping, stylized strokes, positioned above a horizontal line.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Tuesday, September 20, 2022

Page 1 of 7

Lab Project ID: 224358
Client: **Stantec**
Project Reference: Carriage Factory

Sample Identifier: LI-EL-W52

Lab Sample ID: 224358-01

Date Sampled: 9/13/2022 10:10

Matrix: Groundwater

Date Received 9/14/2022

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Cadmium	< 0.00250	mg/L		9/19/2022 18:33
Copper	< 0.0100	mg/L		9/19/2022 18:33
Lead	< 0.00500	mg/L		9/19/2022 18:33
Zinc	< 0.0300	mg/L		9/19/2022 18:33

Method Reference(s): EPA 200.7 Rev 4.4 (1994)

Preparation Date: 9/16/2022

Data File: 220919C

Volatile Organics (Halogenated)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
1,1,1-Trichloroethane	< 2.00	ug/L		9/16/2022 17:00
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/16/2022 17:00
1,1,2-Trichloroethane	< 2.00	ug/L		9/16/2022 17:00
1,1-Dichloroethane	< 2.00	ug/L		9/16/2022 17:00
1,1-Dichloroethene	< 2.00	ug/L		9/16/2022 17:00
1,2-Dichlorobenzene	< 2.00	ug/L		9/16/2022 17:00
1,2-Dichloroethane	< 2.00	ug/L		9/16/2022 17:00
1,2-Dichloropropane	< 2.00	ug/L		9/16/2022 17:00
1,3-Dichlorobenzene	< 2.00	ug/L		9/16/2022 17:00
1,4-Dichlorobenzene	< 2.00	ug/L		9/16/2022 17:00
Bromodichloromethane	< 2.00	ug/L		9/16/2022 17:00
Bromoform	< 5.00	ug/L		9/16/2022 17:00
Bromomethane	< 2.00	ug/L		9/16/2022 17:00
Carbon Tetrachloride	< 2.00	ug/L		9/16/2022 17:00
Chlorobenzene	< 2.00	ug/L		9/16/2022 17:00
Chloroethane	< 2.00	ug/L		9/16/2022 17:00
Chloroform	< 2.00	ug/L		9/16/2022 17:00
Chloromethane	< 2.00	ug/L		9/16/2022 17:00

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 224358

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W52

Lab Sample ID: 224358-01

Date Sampled: 9/13/2022 10:10

Matrix: Groundwater

Date Received 9/14/2022

cis-1,2-Dichloroethene	< 2.00	ug/L	9/16/2022 17:00
cis-1,3-Dichloropropene	< 2.00	ug/L	9/16/2022 17:00
Dibromochloromethane	< 2.00	ug/L	9/16/2022 17:00
Methylene chloride	< 5.00	ug/L	9/16/2022 17:00
Tetrachloroethene	< 2.00	ug/L	9/16/2022 17:00
trans-1,2-Dichloroethene	< 2.00	ug/L	9/16/2022 17:00
trans-1,3-Dichloropropene	< 2.00	ug/L	9/16/2022 17:00
Trichloroethene	< 2.00	ug/L	9/16/2022 17:00
Trichlorofluoromethane	< 2.00	ug/L	9/16/2022 17:00
Vinyl chloride	< 2.00	ug/L	9/16/2022 17:00

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	97.0	81.1 - 136		9/16/2022 17:00
4-Bromofluorobenzene	91.2	75.8 - 132		9/16/2022 17:00
Pentafluorobenzene	104	82 - 132		9/16/2022 17:00
Toluene-D8	101	64.6 - 137		9/16/2022 17:00

Method Reference(s): EPA 624.1
EPA 5030C

Data File: z12089.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"H" = Denotes a parameter analyzed outside of holding time.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

16



PARADIGM LABORATORY SERVICES, INC.		LAB PROJECT ID	
CLIENT:	State	CLIENT:	SAME
ADDRESS:	61 Commercial St., Suite 100	ADDRESS:	
CITY:	Rochester	CITY:	
STATE:	NY	STATE:	
ZIP:	14614	ZIP:	
PHONE:	(585) 201-0166	PHONE:	
ATTN:	Laura Best	ATTN:	
PROJECT REFERENCE		Quotation #:	
Camiax Factory		224358	
Matrix Codes:		Email:	
AA - Aqueous Liquid	WA - Water	Laura.Best@staterel.com	
NA - Non-Aqueous Liquid	WG - Groundwater		
	DW - Drinking Water		
	WW - Wastewater		
	SO - Soil		
	SL - Sludge		
	SD - Solid		
	PT - Paint		
	WP - Wipe		
	CK - Caulk		
	OL - Oil		
	AR - Air		

[illegible]

Turnaround Time		Report Supplements	
Availability contingent upon lab approval; additional fees may apply.			
Standard 5 day	☐	None Required	☒
10 day	☒	Batch QC	☐
Rush 3 day	☐	Category A	☐
Rush 2 day	☐	Category B	☐
Rush 1 day	☐		
Date Needed _____	Other ☐	Other EDD ☒	
Please indicate date needed:		Please indicate EDD needed:	
		STAT	

Sampled By	<u>Laura Best</u>	Date/Time	<u>9/13/2022 1010</u>
Reinquisitioned By	<u>Laura Best</u>	Date/Time	<u>9/13/22 1713</u>
Received By	<u>[Signature]</u>	Date/Time	<u>9/13/22 1713</u>
Received By	<u>[Signature]</u>	Date/Time	<u>9/14/22</u>
Received @ Lab By	<u>[Signature]</u>	Date/Time	<u>9/13/22</u>
	<u>8:00 AM field @ 1718</u>		<u>9/13/22</u>

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

Total Cost:

P.I.F.

Custody seen N/A dropped off by client



Chain of Custody Supplement

2 of 2

Client: Stantec

Completed by: ZF

Lab Project ID: 2243S8

Date: 9/13/22

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☒ VOA	☐	☒
Comments			
Preservation	☒ VOA	☐	☒
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☒	☐	☐
Comments	<u>U6Z ce ZF 9/13/22</u>		
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☐
Comments	<u>8°C used in field</u>		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

224359

Referencing

Carriage Factory

Prepared

Thursday, September 22, 2022

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

A handwritten signature in black ink, appearing to be "W. Smith", is written over a horizontal line.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, September 22, 2022

Page 1 of 7

Lab Project ID: 224359
Client: **Stantec**
Project Reference: Carriage Factory

Sample Identifier: LI-EL-W53

Lab Sample ID: 224359-01

Date Sampled: 9/13/2022 16:20

Matrix: Groundwater

Date Received 9/14/2022

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Cadmium	< 0.00250	mg/L		9/19/2022 18:37
Copper	< 0.0100	mg/L		9/19/2022 18:37
Lead	0.0124	mg/L		9/20/2022 19:52
Zinc	0.0617	mg/L		9/19/2022 18:37

Method Reference(s): EPA 200.7 Rev 4.4 (1994)

Preparation Date: 9/16/2022

Data File: 220919C

Volatile Organics (Halogenated)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
1,1,1-Trichloroethane	< 2.00	ug/L		9/16/2022 17:19
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/16/2022 17:19
1,1,2-Trichloroethane	< 2.00	ug/L		9/16/2022 17:19
1,1-Dichloroethane	< 2.00	ug/L		9/16/2022 17:19
1,1-Dichloroethene	< 2.00	ug/L		9/16/2022 17:19
1,2-Dichlorobenzene	< 2.00	ug/L		9/16/2022 17:19
1,2-Dichloroethane	< 2.00	ug/L		9/16/2022 17:19
1,2-Dichloropropane	< 2.00	ug/L		9/16/2022 17:19
1,3-Dichlorobenzene	< 2.00	ug/L		9/16/2022 17:19
1,4-Dichlorobenzene	< 2.00	ug/L		9/16/2022 17:19
Bromodichloromethane	< 2.00	ug/L		9/16/2022 17:19
Bromoform	< 5.00	ug/L		9/16/2022 17:19
Bromomethane	< 2.00	ug/L		9/16/2022 17:19
Carbon Tetrachloride	< 2.00	ug/L		9/16/2022 17:19
Chlorobenzene	< 2.00	ug/L		9/16/2022 17:19
Chloroethane	< 2.00	ug/L		9/16/2022 17:19
Chloroform	< 2.00	ug/L		9/16/2022 17:19
Chloromethane	< 2.00	ug/L		9/16/2022 17:19

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 224359

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W53

Lab Sample ID: 224359-01

Date Sampled: 9/13/2022 16:20

Matrix: Groundwater

Date Received 9/14/2022

cis-1,2-Dichloroethene	66.0	ug/L	9/16/2022 17:19
cis-1,3-Dichloropropene	< 2.00	ug/L	9/16/2022 17:19
Dibromochloromethane	< 2.00	ug/L	9/16/2022 17:19
Methylene chloride	< 5.00	ug/L	9/16/2022 17:19
Tetrachloroethene	11.1	ug/L	9/16/2022 17:19
trans-1,2-Dichloroethene	< 2.00	ug/L	9/16/2022 17:19
trans-1,3-Dichloropropene	< 2.00	ug/L	9/16/2022 17:19
Trichloroethene	21.2	ug/L	9/16/2022 17:19
Trichlorofluoromethane	< 2.00	ug/L	9/16/2022 17:19
Vinyl chloride	5.65	ug/L	9/16/2022 17:19

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	97.8	81.1 - 136		9/16/2022 17:19
4-Bromofluorobenzene	91.6	75.8 - 132		9/16/2022 17:19
Pentafluorobenzene	106	82 - 132		9/16/2022 17:19
Toluene-D8	101	64.6 - 137		9/16/2022 17:19

Method Reference(s): EPA 624.1
EPA 5030C

Data File: z12090.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"H" = Denotes a parameter analyzed outside of holding time.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

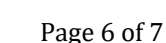
LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

10f2

Page 6 of 7Page 6 of 7Page 6 of 7



Chain of Custody Supplement

Client: Janfel Completed by: 2P
 Lab Project ID: 224359 Date: 9/14/22

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	<i>NELAC compliance with the sample condition requirements upon receipt</i>		
	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☒	☐	☐
Comments			
Preservation	☒	☐	☐
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☐	☐	☒ <i>Met</i>
Comments	<i>V624: Cl neg.</i>		
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☐
Comments	<i>8°C iced in field</i>		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

225907

Referencing

Carriage Factory

Prepared

Friday, December 16, 2022

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Emily Farmer

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, December 16, 2022

Page 1 of 8

Lab Project ID: 225907
Client: **Stantec**
Project Reference: Carriage Factory

Sample Identifier: LI - EL - W54

Lab Sample ID: 225907-01

Date Sampled: 12/12/2022 10:30

Matrix: Groundwater

Date Received 12/12/2022

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Cadmium	< 0.00250	mg/L		12/14/2022
Copper	< 0.0100	mg/L		12/14/2022
Lead	< 0.00500	mg/L		12/14/2022
Zinc	< 0.0300	mg/L		12/14/2022

Method Reference(s): EPA 200.7 Rev 4.4

Preparation Date: 12/12/2022

Subcontractor ELAP ID: 10709

Volatile Organics (Halogenated)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
1,1,1-Trichloroethane	< 2.00	ug/L		12/13/2022 18:10
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		12/13/2022 18:10
1,1,2-Trichloroethane	< 2.00	ug/L		12/13/2022 18:10
1,1-Dichloroethane	< 2.00	ug/L		12/13/2022 18:10
1,1-Dichloroethene	< 2.00	ug/L		12/13/2022 18:10
1,2-Dichlorobenzene	< 2.00	ug/L		12/13/2022 18:10
1,2-Dichloroethane	< 2.00	ug/L		12/13/2022 18:10
1,2-Dichloropropane	< 2.00	ug/L		12/13/2022 18:10
1,3-Dichlorobenzene	< 2.00	ug/L		12/13/2022 18:10
1,4-Dichlorobenzene	< 2.00	ug/L		12/13/2022 18:10
Bromodichloromethane	< 2.00	ug/L		12/13/2022 18:10
Bromoform	< 5.00	ug/L		12/13/2022 18:10
Bromomethane	< 2.00	ug/L		12/13/2022 18:10
Carbon Tetrachloride	< 2.00	ug/L		12/13/2022 18:10
Chlorobenzene	< 2.00	ug/L		12/13/2022 18:10
Chloroethane	< 2.00	ug/L		12/13/2022 18:10
Chloroform	< 2.00	ug/L		12/13/2022 18:10
Chloromethane	< 2.00	ug/L		12/13/2022 18:10

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 225907

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI - EL - W54

Lab Sample ID: 225907-01

Date Sampled: 12/12/2022 10:30

Matrix: Groundwater

Date Received 12/12/2022

cis-1,2-Dichloroethene	< 2.00	ug/L	12/13/2022 18:10
cis-1,3-Dichloropropene	< 2.00	ug/L	12/13/2022 18:10
Dibromochloromethane	< 2.00	ug/L	12/13/2022 18:10
Methylene chloride	< 5.00	ug/L	12/13/2022 18:10
Tetrachloroethene	< 2.00	ug/L	12/13/2022 18:10
trans-1,2-Dichloroethene	< 2.00	ug/L	12/13/2022 18:10
trans-1,3-Dichloropropene	< 2.00	ug/L	12/13/2022 18:10
Trichloroethene	< 2.00	ug/L	12/13/2022 18:10
Trichlorofluoromethane	< 2.00	ug/L	12/13/2022 18:10
Vinyl chloride	< 2.00	ug/L	12/13/2022 18:10

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	108	81.1 - 136		12/13/2022 18:10
4-Bromofluorobenzene	94.7	75.8 - 132		12/13/2022 18:10
Pentafluorobenzene	101	82 - 132		12/13/2022 18:10
Toluene-D8	100	64.6 - 137		12/13/2022 18:10

Method Reference(s): EPA 624.1
EPA 5030C

Data File: z14056.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"H" = Denotes a parameter analyzed outside of holding time.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM
ENVIRONMENTAL SERVICES

Carrier Factory

Quadrat

Lawrence Best	12/12/2022	1030
Sampled By	Date/Time	Total Cost:
Lawrence Best	12/12/2022	1357
Relinquished By	Date/Time	
Lawrence Best	12/12/2022	1357
Received By	Date/Time	P.L.E.
Lawrence Best	12/12/22	1423
Received @ Lab By	Date/Time	
10C	12/12/22	1405

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).



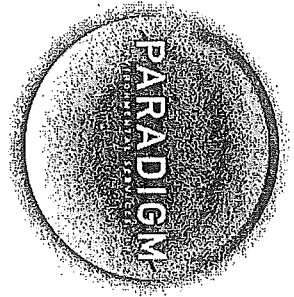
Chain of Custody Supplement

Client: Stantec Completed by: EH
 Lab Project ID: 225907 Date: 12/12/22

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☒ VOA	☐	☒
Comments			
Preservation	☒	☐	☒ 12/12
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☒	☐	☒
Comments	VOA: Cl ⁻ neg.		
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☒ Met
Comments	1°C iad		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			



179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY 221213022 **ADIRONDACK: ELAP ID: 10709**

REPORT TO:

INVOICE TO:

NEC 1/1

PARADIGM

COMPANY: Paradigm Environmental	COMPANY: Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:	ADDRESS:		
CITY:	CITY:	STATE:	ZIP:
PHONE:	PHONE:	FAX:	
ATTN: Reporting	ATTN: Accounts Payable		
COMMENTS: Please email results to reporting@paradigmenv.com		Date Due: 1 ☐ 2 ☒ 3 ☐ 5 ☐	

DATE	TIME	COMPOSITE	GARB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINERS	REQUESTED ANALYSIS	REMARKS	PARADIGM LAB SAMPLE NUMBER
12/2/22	1030	X		225907-01	digest	1	X	IV 2V 2P 2S 2T 2U 2V 2W 2X 2Y 2Z	
2								Some 25m	
3								from 4 added	
4								23 TS	
5									
6									
7									
8									
9									
10									

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type:	Y ☐ N ☐
Comments:	
Preservation:	Y ☐ N ☐
Comments:	
Holding Time:	Y ☐ N ☐
Comments:	
Temperature:	4°C Y ☐ N ☐

Client	Date/Time	Total Cost
Sampled By: [Signature]	0830 12/13/22	
Relinquished By: [Signature]	1213/22 12130	
Received By: [Signature]	1213/22 17105	
Received @ Lab By	Date/Time	P.L.F.



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

230689

Referencing

LI - EL - W55

Prepared

Wednesday, March 1, 2023

This project has been re-issued to correct the Project Reference and Sample Identifier, per client request.

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Emily Farmer

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Wednesday, March 1, 2023

Page 1 of 7



Lab Project ID: 230689

Client: **Stantec**

Project Reference: LI - EL - W55

Sample Identifier: LI - EL - W55

Lab Sample ID: 230689-01

Date Sampled: 2/22/2023 10:45

Matrix: Groundwater

Date Received 2/22/2023

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Cadmium	< 0.00250	mg/L		2/24/2023 07:34
Copper	< 0.0100	mg/L		2/24/2023 07:34
Lead	< 0.00500	mg/L		2/24/2023 07:34
Zinc	< 0.0300	mg/L		2/24/2023 07:34

Method Reference(s): EPA 200.7 Rev 4.4 (1994)

Preparation Date: 2/23/2023

Data File: 230224A

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/23/2023 12:35
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/23/2023 12:35
1,1,2-Trichloroethane	< 2.00	ug/L		2/23/2023 12:35
1,1-Dichloroethane	< 2.00	ug/L		2/23/2023 12:35
1,1-Dichloroethene	< 2.00	ug/L		2/23/2023 12:35
1,2-Dichlorobenzene	< 2.00	ug/L		2/23/2023 12:35
1,2-Dichloroethane	< 2.00	ug/L		2/23/2023 12:35
1,2-Dichloropropane	< 2.00	ug/L		2/23/2023 12:35
1,3-Dichlorobenzene	< 2.00	ug/L		2/23/2023 12:35
1,4-Dichlorobenzene	< 2.00	ug/L		2/23/2023 12:35
Bromodichloromethane	< 2.00	ug/L		2/23/2023 12:35
Bromoform	< 5.00	ug/L		2/23/2023 12:35
Bromomethane	< 2.00	ug/L		2/23/2023 12:35
Carbon Tetrachloride	< 2.00	ug/L		2/23/2023 12:35
Chlorobenzene	< 2.00	ug/L		2/23/2023 12:35
Chloroethane	< 2.00	ug/L		2/23/2023 12:35
Chloroform	< 2.00	ug/L		2/23/2023 12:35
Chloromethane	< 2.00	ug/L		2/23/2023 12:35

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 230689

Client: **Stantec**

Project Reference: LI - EL - W55

Sample Identifier: LI - EL - W55

Lab Sample ID: 230689-01

Date Sampled: 2/22/2023 10:45

Matrix: Groundwater

Date Received 2/22/2023

cis-1,2-Dichloroethene	< 2.00	ug/L	2/23/2023 12:35
cis-1,3-Dichloropropene	< 2.00	ug/L	2/23/2023 12:35
Dibromochloromethane	< 2.00	ug/L	2/23/2023 12:35
Methylene chloride	< 5.00	ug/L	2/23/2023 12:35
Tetrachloroethene	< 2.00	ug/L	2/23/2023 12:35
trans-1,2-Dichloroethene	< 2.00	ug/L	2/23/2023 12:35
trans-1,3-Dichloropropene	< 2.00	ug/L	2/23/2023 12:35
Trichloroethene	< 2.00	ug/L	2/23/2023 12:35
Trichlorofluoromethane	< 2.00	ug/L	2/23/2023 12:35
Vinyl chloride	< 2.00	ug/L	2/23/2023 12:35

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	110	81.1 - 136		2/23/2023 12:35
4-Bromofluorobenzene	93.5	75.8 - 132		2/23/2023 12:35
Pentafluorobenzene	101	82 - 132		2/23/2023 12:35
Toluene-D8	98.3	64.6 - 137		2/23/2023 12:35

Method Reference(s): EPA 624.1
EPA 5030C

Data File: z15201.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"H" = Denotes a parameter analyzed outside of holding time.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

INVOICE TO:		LAB PROJECT ID	
COMPANY:	same		230089
address:			
city:			
state:			
zip:			

COMPANY:		STANTEC		COMPANY:		SAME		LAB PROJECT ID	
address:		61 Compendium St		ADDRESS:				2300891	
CITY:		Ecodistrict		CITY:				Quotation #:	
STATE:		NY		STATE:				Email:	
ZIP:		14614		ZIP:				laura.best@stantec.com	
PHONE:		15851 301-6466		PHONE:					
FAX:				FAX:					
ATTN:				ATTN:					
Matrix Codes:									
AQ - Aqueous Liquid		WA - Water		DW - Drinking Water		SO - Soil		SD - Solid	
NQ - Non-Aqueous Liquid		WG - Groundwater		WW - Wastewater		SL - Sludge		PT - Paint	
								WP - Wipe	
								CK - Caulk	
								AR - Air	

[illegible]

Turnaround Time	Report Supplements
Availability contingent upon lab approval; additional fees may apply.	
Standard 5 day	None Required
10 day	Batch QC
Rush 3 day	Category A
Rush 2 day	Category B
Rush 1 day	Other
Other	Other EDD

Sampled By	Date/Time	Total Cost
Christiana Deluca	2/22/23 1045	
Christiana Deluca	2/22/23 1109	
Relinquished By	Date/Time	
Christiana Deluca	2/22/23 1109	
Received By	Date/Time	P.L.F.
Christiana Deluca	2/22/23 1112	
Released @ Lab By	Date/Time	
149C	iced in field 2/22/23 1111	

22



Chain of Custody Supplement

Client:

Stantec

Completed by:

ZF

Lab Project ID:

230689

Date:

2/22/23

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	<i>NELAC compliance with the sample condition requirements upon receipt</i>		
	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☒ VOA	☐	☒
Comments			
Preservation	☒	☐	☐
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☒	☐	☒ Met
Comments	V624: C1 neg.		
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☒ Met
Comments	14°C cool in field		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			

APPENDIX D
Monroe County Department of Environmental Services
Monitoring Report





Industrial Pretreatment Inspection Report

Part A

Name of Industrial User	Carriage Factory Apartments		
Location:	33 Litchfield Street		
Interviewee:	Laura Best	Inspector:	Don Wolf
Permit No.: IWC-	996	Inspection Date:	5/17/2022
Permit Expiration Date:	7/31/2023	Inspection Time:	10:00
Primary Contact:	Laura Best		
Secondary Contact:	Kate Audino		

Part B Pre-Inspection

Type of Industrial Category:	Groundwater Remediation		
Self-Monitoring:	☐ Monthly ☒ Quarterly ☐ Semi-Annual ☐ Annual ☐ Batch ☐ Optional		
Is Self Monitoring Up To Date?	☒ Yes ☐ No		
Do Self Monitoring and Events tables match permit?	☒ Yes ☐ No		
Discharge Meter data up to date?	☒ Yes ☐ No		
Date of last read:	3/2022		
Violations in past 2 Years?	☐ Yes ☒ No		
If yes, explain:			

Site History:	Old Site where horse carriages were constructed, now converted to a residential building. The site was contaminated with solvents and metals from the commercial use		
Principal Contaminants:	Cd, Cu, Pb, Zn, VOCs		
Has NYSDEC issued a Record of Decision?	☐ Yes ☒ No		
Continuous Discharge?	☐ Yes ☒ No		
If no, explain: Ground water from well development is pumped to a tank, each batch is analyzed prior to discharge through the sample point.			
Average Daily Flow	15 GPD		

Part C Pretreatment

Type of treatment system used:		
	☐ Air Stripper	
	☐ Carbon	
	☐ Solids Filter	
	☐ O/W Separator	
	☐ other:	
	☐ other:	
Site Visit Frequency:	quarterly	
Maintenance Schedule for system:	As Needed	
How often is equipment changed?		
Carbon drums:		
Bag Filters:		
O/W Separator Cleaned:		
Are Chemicals Stored on Site?	☐ Yes ☒ No	
If Yes, Name and Volume:		
Chemicals Stored on Site	Volume	
1.		
2.		
3.		
4.		
5.		
Discharge Meter Reading:		
Influent pollutant concentration levels have:	☐ Increased ☒ Decreased ☐ Remain Constant	
Overall Comments:		
The elevator sump discharge has no treatment, it is being monitored via SMR. Site contacts were reviewed and updated. Carriage Factory contacts are Mark Fuller and James Whalen. Stantec contacts are Laura Best and Kate Audino.		

Signature of Inspector:

[Signature]

Date: 5/23/2022

Reviewed by:

[Signature]

Date: 5/23/2022

APPENDIX E

Annual Site Inspection Form



Inspection Date: February 22, 2023

Time Period Inspection Covers: March 16, 2022 – March 16, 2023

Inspector(s): Laura Best and Christiana DeLuca **Weather:** 30s, overcast

- A. **Describe the site usage** (i.e. commercial or industrial purposes, or higher-level usage [i.e. unrestricted, residential])? Residential apartments
- B. **Describe general site conditions:**
1. **Interior:** Concrete floors are generally covered with tile, or apparent linoleum materials. Some areas are carpeted. The floors that were observed (did not access individual private residential apartments) are in excellent condition with no indications or settling cracking, etc. Some utility rooms are bare concrete; only minor cracks and chips were observed in these floors. No wear and tear outside of general use and inhabitation was observed.
 2. **Exterior:** Building is mostly surrounded on the north, east and south by concrete sidewalks, with landscape areas on the south side near the main entrance. Remainder of exterior is generally asphalt driveway/parking areas, with a narrow outer 'buffer' of grass-covered areas. All surfaces are in good condition with no significant cracking or damage to materials, and no observed disturbance to the landscaping, sod or soil.
- C. **Is the site currently undergoing development?** No. **If so, describe.** N/A.
- D. **Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during the Reporting Period?** No.
- E. **Is the site being used for vegetable gardening or farming?** No.
- F. **Has groundwater monitoring been performed according to the schedule in the Site Management Plan (SMP)?** Yes – see accompanying *Periodic Review Report*.
- G. **Is groundwater being used on-site?** No. **If so, is it being rendered safe for its intended use? Describe.** N/A.
- H. **Are there buildings on-site?** Yes – One 5-story apartment building with a small utility outbuilding.
- I. **If so, has the potential for vapor intrusion been evaluated or has a sub-slab depressurization system (SSDS) been installed?** Yes. **If a SSDS is present, has the SMP been modified to include a SSDS inspection schedule and form?** Yes, this was included in the original SMP.
- J. **Are soil covers in place on bermed or landscaped areas as defined in SMP?** Yes.
- K. **Are asphalt/concrete-paved areas of the site covers intact?** Yes.

Annual Site Inspection Form

Former Carriage Factory
Brownfield Cleanup Program Site # C828184
33 Litchfield Street
Rochester, Monroe County, New York



- L. **Is vegetation on soil covers in place?** Yes – grass in border areas and landscape islands, and ornamental shrubs and mulch in garden areas.
- M. **Have any activities been conducted since the last inspection that necessitated site management activities be conducted, such as excavation in covered areas, confirmation sampling and a health and safety inspection?** No.
- N. **Is the site in compliance with permits and schedules included in the Operations and Maintenance Plan in the SMP?** Yes.
- O. **Have any federal, state, and/or local permits (e.g. building, discharge) been issued for or at the property during this Reporting Period?** No new permits have been issued. The Site has a current, up-to-date Sewer Discharge Permit with Monroe County Department of Environmental Services for discharge of sump water and groundwater sampling purge water, the latter requiring sampling and pre-approval prior to discharge.
- P. **Has all reporting been performed per the schedules outlined in the SMP and are all site records up to date?** Yes.
- Q. **Are all ICs/ECs in place and functioning as designed?** Yes.
- R. **Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding off-site contamination are no longer valid?** No.
- S. **Are the assumptions in the Qualitative Exposure Assessment still valid?** Yes.