



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

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

April 11, 2022

Prepared for:

New York State Department of
Environmental Conservation
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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, P.E.

Date: April 11, 2022



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, 2021 to March 16, 2022.

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 a small in-use maintenance shop (Canal Street BCP Site #C828206) 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 carriage 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 21-22, 2021. The following eight wells were included in this sampling event: RW-2, RW-3, RW-4, RW-5, RW-6, B102-MW, B106-MW, 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 2021 sampling event as well as previous events.

Monitoring of groundwater geochemistry parameters indicates the desired anaerobic ($DO < 2.0$ mg/L) and reducing (negative ORP) conditions for CVOC degradation continue to be maintained across the Site, as DO levels below 0.19 mg/L and ORP levels less than -92 mV were recorded at seven of the eight monitoring wells sampled during the current event. The eighth well (RW-4) indicated similar redox conditions during low-flow purging but due to declining water levels Stantec switched to a volumetric purge approach. Geochemical parameters were measured prior to sampling after the well had recharged and were recorded at 2.16 mg/L and -63.4 mV for DO and ORP levels respectively.

Analytical results from the September 2021 sampling event indicate that PCE and TCE continued to degrade into daughter products cis- and trans-1,2-DCE and VC before proceeding to complete destruction. In general, the recent data indicate remediation objectives have been achieved within the targeted treatment area.

Dissolved-phase concentrations of one or more Site CVOCs were above regulatory groundwater standards in the wells sampled. Of the eight sample locations, only two wells exhibited exceedances of the parent CVOCs PCE and TCE: RW-5 and RW-6, both of which are off-site and have historically exhibited the greatest concentrations of CVOCs. The highest concentrations of the parent CVOCs were observed in RW-5, with both TCE and PCE exceeding the groundwater standard. Although the parent CVOC concentrations are slightly higher at RW-5 than in recent events, so too are the daughter product concentrations indicating continued degradation. At RW-6, the CVOC concentrations reduced by at least half since the last sampling event. Given that the well locations are off-site, a biennial sampling is recommended to the NYSDEC for review, assuming the next annual event (Q3 of 2022) yields similar results.

The other six sampled wells (B102-MW, B106-MW, B108-MW, RW-2, RW-3 and RW-4) did not exhibit parent CVOC exceedances, and the daughter product concentrations generally fell within the normal ranges observed in recent sampling events. These on-site locations have not exhibited persistent PCE or TCE concentrations, as detailed below, leading to the recommendation for changes to the well network

and sampling frequency. Overall, the conditions at these wells are generally stable or improving with only residual daughter product concentrations remaining.

Well ID	September 2021 Results	Period of Record Results	Proposed Approach
RW-2	Detection of trans-1,2-DCE below the groundwater standard (1.04 µg/L vs. 5 µg/L). PCE/TCE non-detect. Concentrations of cis-1,2-DCE and VC exceeded the respective groundwater standards. Slight increase in VC since 2020 but within typical range. Concentration of cis-1,2-DCE reduced by more than half since 2020.	Only cis-1,2-DCE and VC exceedances remain with concentrations as low as non-detect/below standards in approximately half of the sampling events occurring since 2016. No PCE/TCE exceedances have been reported since July 2014 when TCE was detected at a concentration of 6.31 µg/L vs. the standard of 5 µg/L.	Modify to biennial sampling frequency after one additional annual sampling round (Q3 of 2022) to confirm absence of parent CVOCs and only low-level residual daughter product concentrations remaining.
RW-3	Detections of TCE (1.31 µg/L), cis-1,2-DCE (4.71 µg/L), and trans-1,2-DCE (1.66 µg/L) below the standard of 5 µg/L. VC is the only CVOC exceedance (5.63 µg/L vs 2 µg/L) and the concentration has reduced by half since the last sampling event.	VC is the only compound to exceed groundwater standards at this location in six of the past seven years of sampling. Concentrations have generally declined since monitoring began and have ranged from non-detect to 11.7 µg/L since 2015. No PCE/TCE exceedances have been reported since 2014.	Discontinue sampling, given the absence of parent CVOCs, the low-level daughter product concentrations, and the effective implementation of IC/ECs for the building area.
RW-4	Slight exceedances for two daughter compounds: cis-1,2-DCE (5.15 µg/L vs. 5 µg/L) and VC (2.13 µg/L vs. 2 µg/L). Low-level detection of TCE (1.08 µg/L) below the standard of 5 µg/L.	Only slight daughter product exceedances have been identified in recent years and concentrations have declined since monitoring began. No PCE/TCE exceedances have been reported in five of the past seven years of sampling.	Discontinue sampling, given the absence of parent CVOCs, the low-level daughter product concentrations, and the location outside of the building upgradient from the former source area.
B102-MW	Detection of cis-1,2-DCE (2.22 µg/L below the 5 µg/L standard); and slight exceedance of VC (2.07 µg/L vs. the 2 µg/L standard)	Concentrations of VC have declined throughout the monitoring history and have generally oscillated around the standard since 2016. Since that time, five of the ten rounds were non-detect, one round was a low-level detection below the standard, and the other four were only slight exceedances. No other exceeding compounds since 2014 when cis-1,2-DCE levels exceeded the standard.	Discontinue sampling, given the absence of parent CVOCs, the low-level daughter product concentrations, and the location outside of the building upgradient from the former source area.

Well ID	September 2021 Results	Period of Record Results	Proposed Approach
B106-MW	Detections of TCE (1.77 µg/L) and VC (1.54 µg/L) below their respective standards of 5 and 2. Concentration of cis-1,2-DCE exceedance of the 5 ug/L standard.	The only exceedance compound has been cis-1,2-DCE since 2018, when VC was also reported at a concentration slightly above the standard. Concentrations of both daughter compounds have declined since monitoring began. No PCE/TCE exceedances have been reported since 2014.	Discontinue sampling, given the absence of parent CVOCs, the low-level daughter product concentrations, and the effective implementation of IC/ECs for the building area.
B108-MW	Detections of PCE (4.18 µg/L), TCE (1.72 µg/L), and VC (1.98 µg/L) below groundwater standards. Slight exceedance for cis-1,2-DCE (5.7 µg/L vs. the standard of 5 µg/L).	Periodic and only slight exceedances for daughter products cis-1,2-DCE and VC with declining levels since 2016. No TCE exceedances since 2016. Slight PCE exceedances in 2018-2020 but overall declining concentrations since 2014.	Modify to biennial sampling frequency after one additional annual sampling round (Q3 of 2022) to confirm absence of parent CVOCs and only low-level residual daughter product concentrations remaining.

A third-party data usability review was completed for the August 2020 and September 2021 datasets and Table 2 was modified to reflect the Data Usability Summary Report (DUSR), which is included in Appendix C with the lab reports.

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. 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.

As recommended in the previous PRR, monitoring of the six vacuum monitoring points (VMPs) located throughout the building (see locations on Figure 4) occurred 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 2022. 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 2022, 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 12, 2021, September 20, 2021, December 8, 2021 and February 16, 2022. 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.

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 22, 2021. The results were submitted to MCDES for review and approval prior to the discharge on December 8, 2021. 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 16, 2022 inspections, a combined total of 10,268 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 GROUND-INTRUSIVE AND/OR SITE MANAGEMENT REPAIR ACTIVITIES

The following sub-sections summarize the ground-intrusive activities and/or SM-related repair activities that have occurred during the reporting period.

2.4.1 Sump Cover Replacement

As reported in the 2021 PRR and discussed during a call with NYSDEC, due to potential rust and dirt/debris buildup in the sump, Stantec recommended that the pump and float be inspected by a mechanical contractor and that a replacement clear polycarbonate cover be installed and sealed.

Mitigation Tech (MT) was retained to complete the work in April 2021 with Stantec onsite to provide oversight. Following locking out the elevator and removing the existing sump cover, water was poured into the sump and the pump float initiated the pump (see photo on the left below). It cycled through and drained down to about 2" of water. Since the pump was in working condition, the pump was not changed out. MT then installed and sealed a new clear polycarbonate cover with two new check valves for drainage into the sump (see photo on the right below). Following replacement of the cover, the SSDS vacuum to the sump was rattling the check valve floats. A vacuum adjusting valve in the adjacent mechanical space was turned back about 25% and the rattling stopped.

The Site was cleaned up and the elevator was returned to service. Stantec notified NYSDEC via e-mail on April 21, 2021 of the project completion. The two photos below document the inspection and cover replacement.



Photo looking down into sump and operating pump float mechanism during April 2021 inspection.



Photo of the sealed, clear polycarbonate cover with two new check valves for drainage into the sump installed in April 2021.

2.4.2 RW-5 Curb Box Replacement

In September 2021, during the annual groundwater sampling event, field staff observed that monitoring well RW-5 (located on Litchfield Street) was missing its cover, and the curb box had severely degraded. The outer casing was observed to be compromised (warped) such that a replacement well cover would not resolve the issue (see photo on the left, below). Although the inner casing remained intact and could be sampled once the accumulated dirt had been removed, Stantec recommended that the well surface completion be repaired to protect its integrity for future sampling events. After obtaining Owner approval, TREC Environmental Inc. (TREC) of Spencerport, NY was contracted to remove and replace the curb box and dispose of it as C&D waste. NYSDEC was notified via e-mail on October 8, 2021 of the proposed scope of work and limited oversight activities, as described below.

Based on the SMP, continuous oversight and/or air monitoring was not required by the SMP given the depth to groundwater (~6 ft below ground surface) and that the proposed work (located in the Litchfield Street right-of-way) would not breach the Site cover system. As such, Stantec proposed limited oversight of driller's activities through two Site visits: one at the beginning of the work to review objectives and safety considerations; and one following completion of the work to observe final conditions and obtain photographic documentation for reporting purposes. This approach was included in the e-mail communication with NYSDEC.

Stantec notified NYSDEC via e-mail on October 21, 2021 that the curb box replacement work was scheduled for October 25, 2021. Accordingly, TREC successfully removed the damaged curb box at RW-5 on October 25, 2021 and prepped the surface edges for installation of the new curb box. However, runoff from that morning's rain prevented pouring of the concrete. The hole was temporarily filled with clean sand and marked with two traffic cones to prevent tire issues for cars that might drive in the area. The J-plug remained intact on the inner casing.

TREC returned on October 29, 2021 to complete the curb box replacement (see photo on the right, below). Prior to installation of the new curb box, the sand was removed. The traffic cones were temporarily left in place to protect the concrete while setting. Stantec updated NYSDEC on October 25 and 29, 2021 of the status and completion of activities at RW-5.



Photo looking down at the warped outer casing and intact inner casing of RW-5 prior to curb box replacement.



Photo of RW-5 curb box replacement following pouring of concrete.

2.5 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 2022. The exterior inspection was performed separately in March 2022 following snowmelt for improved visibility of ground cover conditions. Observations are summarized on an Annual Site Inspection Form included in Appendix D.

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. Activities related to the curb box replacement at RW-5 are discussed in the previous section.

2.6 COMPLIANCE

Compliance with the SMP was maintained throughout the reporting period.

2.7 RECOMMENDATIONS

Groundwater Monitoring: Based on the relatively low dissolved-phase concentrations of CVOCs in groundwater, no additional actions are recommended other than continued groundwater monitoring in a portion of the monitoring well network as residual CVOC presence is naturally attenuated.

Stantec recommends discontinuing sampling at four on-site wells (RW-3, RW-4, B102-MW, and B106-MW) given the absence of parent CVOCs, the low-level daughter product concentrations, the location outside of the building upgradient from the former source area and/or the effective implementation of IC/ECs for the building area. Stantec recommends that the remaining four wells (RW-2, RW-5, RW-6, and

B108-MW) be sampled for a final annual event in the third quarter of 2022 prior to switching to a biennial sampling frequency, assuming favorable results.

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 2023.

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:

- Discontinue sampling at four on-site wells (RW-3, RW-4, B102-MW, and B106-MW);
- Switch to biennial sampling at the remaining four wells (on-site wells RW-2 and B108-MW and off-site wells RW-5 and RW-6) assuming favorable results during the final proposed annual event in the third quarter of 2022;
- Monthly SSDS operation monitoring and quarterly vacuum measurement of the VMPs;
- 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 relatively low dissolved-phase concentrations of CVOCs in groundwater, no additional actions are recommended other than continued groundwater monitoring, in accordance with the methodology outlined in the SMP and the Injection Work Plan, as residual CVOC presence is naturally attenuated.

It is proposed to discontinue sampling at four on-site wells (RW-3, RW-4, B102-MW, and B106-MW) given the absence of parent CVOCs, the low-level daughter product concentrations, the location outside of the building upgradient from the former source area and/or the effective implementation of IC/ECs for the building area.

It is recommended that the remaining four wells (RW-2, RW-5, RW-6, and B108-MW) be sampled for a final annual event in the third quarter of 2022 prior to switching to a biennial sampling frequency, assuming favorable results.

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)	
01/02/21	DePaul	2.4	2.4	2.0	Y	Y	Y	
02/02/21	DePaul	2.4	2.4	2.0	Y	Y	Y	
02/02/21	Stantec	2.4	2.4	2.1	Y	Y	Y	
03/10/21	DePaul	2.3	2.4	2.0	Y	Y	Y	
04/11/21	DePaul	2.0	2.0	2.0	Y	Y	Y	
05/12/21	DePaul	2.3	2.3	2.1	Y	Y	Y	
05/12/21	Stantec	2.1	2.2	2.0	Y	Y	Y	
06/04/21	DePaul	2.2	2.3	2.0	Y	Y	Y	
07/28/21	DePaul	2.1	2.3	2.0	Y	Y	Y	
08/26/21	DePaul	2.1	2.2	2.0	Y	Y	Y	
09/20/21	Stantec	2.1	2.3	2.1	Y	Y	Y	
09/20/21	DePaul	2.1	2.3	2.1	Y	Y	Y	
10/18/21	DePaul	2.2	2.3	2.1	Y	Y	Y	
11/30/21	DePaul	2.3	2.3	2.1	Y	Y	Y	
12/08/21	Stantec	2.3	2.4	2.1	Y	Y	Y	
12/30/21	DePaul	2.3	2.3	2.1	Y	Y	Y	
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	

Notes:

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

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

Area			On-Site Parking Lot																		
Sample Location			B101MW												B102MW						
Sample Date			21-May-13	21-May-13	22-May-13	27-Mar-14	27-Mar-14	27-Mar-14	28-May-14	2-Jul-14	6-Aug-14	28-Oct-14	3-Feb-15	3-Feb-15	4-May-15	4-May-15	4-May-15	12-Aug-15	12-Aug-15	1-Feb-16	3-May-16
Sample ID			LI-B101MW-GW1	LI-B101MW-GW1DUP	LI-B102MW-GW1	LI-B102-MW	LI-DUP-MW	LI-B102-MW-P1	LI-B102-MW-P1	LI-B102-MW-P2	LI-B102-MW-P3	LI-B102-MW-P6	LI-B102-MW-P9	LI-DUP-P9	LI-B102-MW-P12	LI-DUP-P12	LI-B102-MW-P15	LI-DUP-P15	LI-B102-MW-PS3	LI-B102-MW-PS6	
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	
Laboratory			CCGE	CCGE	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	
Laboratory Work Order			E2314	E2314	E2342	141138	141138	142196	142794	143439	144730	150382	150382	150382-13	151696	151696	151696-10	153411	153411	160464	161713
Laboratory Sample ID			E2314-01	E2314-02	E2342-04	141138-11	141138-14	142196-07	142794-09	143439-10	144730-10	150382-05	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	
Sample Type	Units	TOGS		Field Duplicate			Field Duplicate														
Volatile Organic Compounds (cont'd)																					
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	2.00 U	2.00 U	
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^B	25 U	25 U	25 U	10.0 UJ	10.0 UJ	10.0 UJ	10.0 U	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 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	
Methyl tert-butyl ether (MTBE)	µg/L	10 ^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 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 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Methylene Chloride (Dichloromethane)	µg/L	5- ^A	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 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	
Naphthalene	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Propylbenzene, n-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Styrene	µg/L	5- ^A	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 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^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 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Tetrachloroethene (PCE)	µg/L	5- ^A	1.6 J	1.2 J	20.9 ^A	24.4 ^A	25.4 ^A	20.6 ^A	26.4 ^A	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	
Toluene	µg/L	5- ^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 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Trichlorobenzene, 1,2,3-	µg/L	5- ^A	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 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	
Trichlorobenzene, 1,2,4-	µg/L	5- ^A	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 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	
Trichloroethane, 1,1,1-	µg/L	5- ^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 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Trichloroethane, 1,1,2-	µg/L	1 ^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 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Trichloroethene (TCE)	µg/L	5- ^A	0.51 J	5 U	14.9 ^A	9.78 ^A	10.2 ^A	7.72 ^A	15.3 ^A	2.09	2.00 U	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- ^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 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^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 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Trimethylbenzene, 1,2,4-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trimethylbenzene, 1,3,5-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Chloride	µg/L	2 ^A	5 U	5 U	0.53 J	2.00 U	2.00 U	2.00 U	2.00 U	1.45 J	4.49 ^A	20.8 ^A	11.7 NJ ^A	11.9 ^A	11.0 ^A	11.3 ^A	8.78 J- ^A	8.78 J- ^A	2.00 U	2.00 U	
Xylene, m & p-	µg/L	5- ^A	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 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
Xylene, o-	µg/L	5- ^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 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	
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
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area		Units	TOGS	On-Site Parking Lot																			
Sample Location				B102MW										RW-4									
Sample Date				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	
Sample ID				LI-B102-MW-PS9	LI-B102-MW-PS15	LI-B102-MW-PS21	LI-B102-MW-PS22	LI-B102-MW-PS23	LI-FD-PS23	LI-B102-MW-PS41	LI-B102-MW-PS42	LI-B102MW-Annual 2021		LI-RW-4-GW1	LI-RW-4	LI-RW-4-PI1	LI-RW-4-PI2	LI-RW-4-PI3	LI-RW4-PI6	LI-RW-4-PI9	LI-RW-4-PI12	LI-RW-4-PI15	
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC		STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	
Laboratory				PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	
Laboratory Work Order				163436	170564	173804	180400	183674	183674	192608	203943	214297		E2342	141138	142196	142794	143439	144730	150382	151696	153411	
Laboratory Sample ID		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		
Sample Type								Field Duplicate															
General Chemistry																							
Total Organic Carbon		µg/L	n/v	2,620	1,780	-	-	-	-	-	-	-	-	-	-	8,200	339,000	63,000	6,900	5,900	5,400	15,000 J-	
Total Organic Carbon		mg/L	n/v	-	-	8.14	2.50	1.12	1.12	-	5.96	6.6	-	-	-	-	-	-	-	-	-	-	
Metals																							
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	43.8	-	-	-	-	-	-	-	-	-	
Antimony	µg/L	3 ^A	-	-	-	-	-	-	-	-	-	-	12.5 U	-	-	-	-	-	-	-	-	-	
Arsenic	µg/L	25 ^A	-	-	-	-	-	-	-	-	-	-	5,000 U	-	-	-	-	-	-	-	-	-	
Barium	µg/L	1,000 ^A	-	-	-	-	-	-	-	-	-	-	151	-	-	-	-	-	-	-	-	-	
Beryllium	µg/L	3 ^B	-	-	-	-	-	-	-	-	-	-	1,500 U	-	-	-	-	-	-	-	-	-	
Cadmium	µg/L	5 ^A	-	-	-	-	-	-	-	-	-	-	1,500 U	-	-	-	-	-	-	-	-	-	
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	141,000	-	-	-	-	-	-	-	-	-	
Chromium	µg/L	50 ^A	-	-	-	-	-	-	-	-	-	-	2,500 U	-	-	-	-	-	-	-	-	-	
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	7,500 U	-	-	-	-	-	-	-	-	-	
Copper	µg/L	200 ^A	-	-	-	-	-	-	-	-	-	-	5,000 U	-	-	-	-	-	-	-	-	-	
Iron	µg/L	300 ^A	-	-	-	-	-	-	-	-	-	-	11.7 J	-	-	-	-	-	-	-	-	-	
Lead	µg/L	25 ^A	-	-	-	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	-	-	
Magnesium	µg/L	35,000 ^B	-	-	-	-	-	-	-	-	-	-	29,800	-	-	-	-	-	-	-	-	-	
Manganese	µg/L	300 ^A	-	-	-	-	-	-	-	-	-	-	667 J ^A	-	-	-	-	-	-	-	-	-	
Mercury	µg/L	0.7 ^A	-	-	-	-	-	-	-	-	-	-	0.200 U	-	-	-	-	-	-	-	-	-	
Nickel	µg/L	100 ^A	-	-	-	-	-	-	-	-	-	-	6.32 J	-	-	-	-	-	-	-	-	-	
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	17,800	-	-	-	-	-	-	-	-	-	
Selenium	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	5.52	-	-	-	-	-	-	-	-	-	
Silver	µg/L	50 ^A	-	-	-	-	-	-	-	-	-	-	2,500 U N	-	-	-	-	-	-	-	-	-	
Sodium	µg/L	20,000 ^A	-	-	-	-	-	-	-	-	-	-	8,750	-	22,300 ^A	298,000 ^A	222,000 ^A	43,500 ^A	110,000 ^A	86,900 ^A	395,000 J- ^A		
Thallium	µg/L	0.5 ^B	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-	-	-	-	-	-	-	
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-	-	-	-	-	-	-	
Zinc	µg/L	2,000 ^B	-	-	-	-	-	-	-	-	-	-	18.2	-	-	-	-	-	-	-	-	-	
Volatile Organic Compounds																							
Acetone	µg/L	50 ^B	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	25 U	10.0 U	6.72 J	10.0 U	12.7 J	10.0 U	10.0 UJ	10.0 U	10.0 UJ		
Benzene	µg/L	1 ^A	1.00 U	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U M	0.700 UJ	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 UJ		
Bromodichloromethane	µg/L	50 ^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		
Bromoform (Tribromomethane)	µg/L	50 ^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 UJ	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ		
Bromomethane (Methyl bromide)	µg/L	5 ^{-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	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		
Butylbenzene, n-	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Butylbenzene, tert-	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Carbon Disulfide	µg/L	60 ^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	3.04	3.64	2.00 U	2.00 U	2.00 U	2.00 UJ	
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^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 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		
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^{-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	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		
Chlorobromomethane	µg/L	5 ^{-A}	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		
Chloroethane (Ethyl Chloride)	µg/L	5 ^{-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	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		
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	10.0 U R	-	-	-	-	-	-	-	-	-		
Chloroform (Trichloromethane)	µg/L	7 ^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 M	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	1.91 J	2.00 U	2.00 U	2.00 U	2.00 UJ		
Chloromethane	µg/L	5 ^{-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	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		
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 U	10.0 U	10.0 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		
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^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	-	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		
Dibromochloromethane	µg/L	50 ^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 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ		
Dichlorobenzene, 1,2-	µg/L	3 ^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	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		
Dichlorobenzene, 1,3-	µg/L	3 ^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	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		
Dichlorobenzene, 1,4-	µg/L	3 ^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	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U						

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

Area			On-Site Parking Lot																		
Sample Location			B102MW										RW-4								
Sample Date			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
Sample ID			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	LI-RW-4-GW1	LI-RW-4	LI-RW-4-PI1	LI-RW-4-PI2	LI-RW-4-PI3	LI-RW4-PI6	LI-RW-4-PI9	LI-RW-4-PI12	LI-RW-4-PI15
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	PARAROCH	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			163436	170564	173804	180400	183674	183674	192608	203943	214297	12:1770	E2342	141138	142196	142794	143439	144730	150382	151696	153411
Laboratory Sample ID			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
Sample Type			Units	TOGS				Field Duplicate													
Volatile Organic Compounds (cont'd)																					
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	2.00 U	5.93	2.00 U	2.00 U	2.00 UJ
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^B	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
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
Methyl tert-butyl ether (MTBE)	µg/L	10 ^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
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
Methylene Chloride (Dichloromethane)	µg/L	5- ^A	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 U	5.00 UJ
Naphthalene	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5- ^A	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
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^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	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
Tetrachloroethene (PCE)	µg/L	5- ^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 M	62.6 J ^A	55.8 ^A	62.7 ^A	76.0 ^A	73.0 ^A	54.5 ^A	10.3 ^A	9.17 ^A	18.7 ^A	9.40 J- ^A
Toluene	µg/L	5- ^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 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
Trichlorobenzene, 1,2,3-	µg/L	5- ^A	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
Trichlorobenzene, 1,2,4-	µg/L	5- ^A	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
Trichloroethane, 1,1,1-	µg/L	5- ^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	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
Trichloroethane, 1,1,2-	µg/L	1 ^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	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
Trichloroethene (TCE)	µg/L	5- ^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 M	21.4 J ^A	19.8 ^A	10.3 ^A	18.0 ^A	20.4 ^A	34.3 ^A	13.7 ^A	5.85 ^A	8.94 ^A	6.51 J- ^A
Trichlorofluoromethane (Freon 11)	µg/L	5- ^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	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
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^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
Trimethylbenzene, 1,2,4-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	5.00 UJ	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2 ^A	1.94 J	1.12 J	2.44 J- ^A	2.00 U	2.25 ^A	2.23 ^A	2.75 ^A	1.89 J	2.07 J+ ^A	3.86 J ^A	1.8 J	1.72 J	2.00 U	3.07 ^A	2.00 U	28.4 ^A	4.58 NJ ^A	2.00 U	1.42 J-
Xylene, m & p-	µg/L	5- ^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	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 UJ
Xylene, o-	µg/L	5- ^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	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
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-
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
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area				On-Site Parking Lot																										
Sample Location				RW-4																			RW-11				B106MW			
Sample Date				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	14-Jun-12	22-May-13	27-Mar-14	23-May-13	26-Mar-14	28-May-14	2-Jul-14	7-Aug-14	28-Oct-14	3-Feb-15							
Sample ID				LI-RW-4-PS3	LI-RW-4-PS6	LI-RW-4-PS9	LI-RW-4-PS15	LI-RW-4-PS21	LI-RW4-PS22	LI-RW4-PS23	LI-RW4-PS41	LI-RW4-PS42	LI-RW4-Annual 2021	RW-11	LI-RW-11-GW1	LI-RW-11	LI-B106MW-GW1	LI-B106-MW	LI-B106-MW-P11	LI-B106-MW-P12	LI-B106-MW-P13	LI-B106-MW-P16	LI-B106-MW-P19							
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	PARAROCH	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC							
Laboratory				PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH							
Laboratory Work Order				160464	161713	163436	170564	173804	180400	183674	192608	203943	214297	12:2523	E2342	141138	E2363	141138	142196	142794	143439	144730	150382							
Laboratory Sample ID				160464-07	161713-04	163436-04	170564-04	173804-04	180400-04	183674-04	192608-04	203943-04	214297-03	12:2523-03	E2342-02	141138-09	E2363-03	141138-12	142196-06	142794-11	143439-11	144730-11	150382-06							
Sample Type		Units	TOGS																											
Volatile Organic Compounds (cont'd)																														
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 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							
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^B		58.1 ^B	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 ^B	31.6	10.0 UJ	10.0 UJ							
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 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							
Methyl tert-butyl ether (MTBE)	µg/L	10 ^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 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							
Methylcyclohexane	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 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							
Methylene Chloride (Dichloromethane)	µg/L	5- ^A		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 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U							
Naphthalene	µg/L	10 ^A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Propylbenzene, n-	µg/L	5- ^A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Styrene	µg/L	5- ^A		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 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- ^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 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							
Tetrachloroethene (PCE)	µg/L	5- ^A		2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	6.94 ^A	2.00 U	2.00 U	2.00 U	1.3 J	1.11 J	14.8 ^A	21.7 ^A	9.51 ^A	11.7 ^A	7.73 ^A	2.00 U	2.00 U							
Toluene	µg/L	5- ^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 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							
Trichlorobenzene, 1,2,3-	µg/L	5- ^A		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 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- ^A		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 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- ^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 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							
Trichloroethane, 1,1,2-	µg/L	1 ^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 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							
Trichloroethene (TCE)	µg/L	5- ^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	1.26 J	2.71	2.00 U	1.08 J+	2.00 U	5 U	2.00 U	12 ^A	8.27 ^A	5.11 ^A	9.44 ^A	16.6 ^A							
Trichlorofluoromethane (Freon 11)	µg/L	5- ^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 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							
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^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 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							
Trimethylbenzene, 1,2,4-	µg/L	5- ^A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Trimethylbenzene, 1,3,5-	µg/L	5- ^A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Vinyl Acetate	µg/L	n/v		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Vinyl Chloride	µg/L	2 ^A		7.98 ^A	2.00 U	5.78 NJ ^A	1.39 NJ	2.00 UJ	2.00 U	2.40 ^A	2.18 ^A	1.34 J	2.13 J+ ^A	2.00 U	5 U	2.00 U	2.1 J ^A	2.00 U	2.84 ^A	15.2 ^A	7.60 ^A	15.2 ^A	12.8 ^A							
Xylene, m & p-	µg/L	5- ^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 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							
Xylene, o-	µg/L	5- ^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 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							
Total VOC	µg/L	n/v		91.26	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							
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
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type			On-Site Building																	
			B106MW														B108MW			
			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	22-Sep-21	23-May-13	26-Mar-14	28-May-14	28-May-14	
			LI-B106-MW-PI12	LI-B106-MW-PI15	LI-B106-MW-PS3	LI-B106-MW-PS6	LI-B106-MW-PS9	LI-B106-MW-PS15	LI-B106-MW-PS21	LI-B106-MW-PS22	LI-B106-MW-PS23	LI-B106MW-PS41	LI-B106MW-PS42	LI-B106MW-Annual 2021	LI-FD-Annual 2021	LI-B108MW-GW1	LI-B108-MW	LI-B108-MW-PI1	LI-MW-DUP-PI1	
			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	
PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH			
151696	153411	160464	161713	163436	170564	173804	180400	183674	192608	203943	214297	214297-07	214297-08	E2363	141138	142196	142196-05			
151696-12	153411-05	160464-12	161713-11	163436-11	170564-11	173804-11	180400-11	183674-11	192608-09	203943-09	214297-07	Field Duplicate	E2363-02	141138-13	142196-04	Field Duplicate				
General Chemistry																				
Total Organic Carbon	µg/L	n/v	1,500	3,200 J-	18,900	2,630	7,380	1,720	-	-	-	-	-	-	-	3,300	60,300	60,200		
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	2.62	1.69	2.61	-	3.60	2.9	2.7	-	-	-		
Metals																				
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-		
Antimony	µg/L	3 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	12.5 U	-	-		
Arsenic	µg/L	25 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	6.2	10 U	10 U		
Barium	µg/L	1,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	54.9	-	10 U		
Beryllium	µg/L	3 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	1,500 U	-	-		
Cadmium	µg/L	5 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7 J	-	-		
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	97,000	-	-		
Chromium	µg/L	50 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	2,500 U	-	-		
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	7,500 U	-	-		
Copper	µg/L	200 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	4.16 J	-	-		
Iron	µg/L	300 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	45.3	100 U	1,400 ^A		
Lead	µg/L	25 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9	-	978 ^A		
Magnesium	µg/L	35,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	23,200	-	-		
Manganese	µg/L	300 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	46.4 J	187	184		
Mercury	µg/L	0.7 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	0.200 U	-	179		
Nickel	µg/L	100 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1 J	-	-		
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	10,500	-	-		
Selenium	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	5.03	-	-		
Silver	µg/L	50 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	2,500 U	-	-		
Sodium	µg/L	20,000 ^A	40,100 ^A	42,100 J- ^A	-	-	-	-	-	-	-	-	-	-	-	26,300 ^A	33,000 ^A	103,000 ^A		
Thallium	µg/L	0.5 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0 U	-	101,000 ^A		
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-		
Zinc	µg/L	2,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	8.94 J	-	-		
Volatile Organic Compounds																				
Acetone	µg/L	50 ^B	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	25 U	10.0 U	10.0 U	10.0 U		
Benzene	µg/L	1 ^A	1 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 UJ	1.00 U	1.00 U	1.00 UJ	1.00 U	1.00 U	5 U	1 U	1 U	1 U		
Bromodichloromethane	µg/L	50 ^B	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 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U		
Bromoform (Tribromomethane)	µg/L	50 ^B	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	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		
Bromomethane (Methyl bromide)	µg/L	5 ^{-A}	2.00 U	2.00 UJ	2.00 U	2.00 UJ	2.00 U	2.00 UJ	2.00 UJ	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		
Butylbenzene, n-	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Butylbenzene, tert-	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Carbon Disulfide	µg/L	60 ^B	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 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U		
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^A	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 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U		
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^{-A}	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 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U		
Chlorobromomethane	µg/L	5 ^{-A}	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	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		
Chloroethane (Ethyl Chloride)	µg/L	5 ^{-A}	2.00 U	2.00 UJ	2.00 U	2.00 UJ	2.00 U	2.00 UJ	2.00 UJ	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		
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Chloroform (Trichloromethane)	µg/L	7 ^A	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 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U		
Chloromethane	µg/L	5 ^{-A}	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 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U		
Cyclohexane	µg/L	n/v	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 U	10.0 U	10.0 U	10.0 U		
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^A	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 U	10.0 U	10.0 U	10.0 U		
Dibromochloromethane	µg/L	50 ^B	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 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U		
Dichlorobenzene, 1,2-	µg/L	3 ^A	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 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U		
Dichlorobenzene, 1,3-	µg/L	3 ^A	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 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U		
Dichlorobenzene, 1,4-	µg/L	3 ^A	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 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U		
Dichlorodifluoromethane (Freon 12)	µg/L	5 ^{-A}	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 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U		
Dichloroethane, 1,1-	µg/L	5 ^{-A}	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 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U		
Dichloroethane, 1,2-	µg/L	0.6 ^A	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 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U		
Dichloroethene, 1,1-	µg/L	5 ^{-A}	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 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U		
Dichloroethene, cis-1,2-	µg/L	5 ^{-A}	10.2 ^A	8.52 J- ^A	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 U	2.00 U	5 U	2.00 U	11.0 ^A	10.9 ^A		
Dichloroethene, trans-1,2-	µg/L	5 ^{-A}	2.00 U	2.00 UJ	2.00 U	2.00 U														

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

Area		Units	TOGS	On-Site Building																
Sample Location				B106MW												B108MW				
Sample Date				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	22-Sep-21	23-May-13	26-Mar-14	28-May-14	28-May-14
Sample ID				LI-B106-MW-PI12	LI-B106-MW-PI15	LI-B106-MW-PS3	LI-B106-MW-PS6	LI-B106-MW-PS9	LI-B106-MW-PS15	LI-B106-MW-PS21	LI-B106-MW-PS22	LI-B106-MW-PS23	LI-B106MW-PS41	LI-B106MW-PS42	LI-B106MW-Annual 2021	LI-FD-Annual 2021	LI-B108MW-GW1	LI-B108-MW	LI-B108-MW-PI1	LI-MW-DUP-PI1
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH
Laboratory Work Order				151696	153411	160464	161713	163436	170564	173804	180400	183674	192608	203943	214297	214297	E2363	141138	142196	142196
Laboratory Sample ID				151696-12	153411-05	160464-12	161713-11	163436-11	170564-11	173804-11	180400-11	183674-11	192608-09	203943-09	214297-07	214297-08	E2363-02	141138-13	142196-04	142196-05
Sample Type																Field Duplicate				Field Duplicate
Volatile Organic Compounds (cont'd)																				
Methyl Acetate	µg/L	n/v	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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^B	10.0 U	10.0 UJ	36.6	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	25 U	10.0 UJ	13.9	12.8	
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	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	5.00 U	25 U	5.00 U	5.00 U	5.00 U	
Methyl tert-butyl ether (MTBE)	µg/L	10 ^B	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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	
Methylcyclohexane	µg/L	n/v	2.00 U	2.00 UJ	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	
Methylene Chloride (Dichloromethane)	µg/L	5- ^A	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 U	4.93 JB	5.00 U	5.00 U	
Naphthalene	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Propylbenzene, n-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Styrene	µg/L	5- ^A	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 U	5.00 U	5.00 U	5.00 U	
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^A	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	5 U	2.00 U	2.00 U	2.00 U	
Tetrachloroethene (PCE)	µg/L	5- ^A	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	15.9 ^A	6.45 ^A	10.1 ^A	9.75 ^A	
Toluene	µg/L	5- ^A	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	5 U	2.00 U	2.00 U	2.00 U	
Trichlorobenzene, 1,2,3-	µg/L	5- ^A	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 U	5.00 U	5.00 U	5.00 U	
Trichlorobenzene, 1,2,4-	µg/L	5- ^A	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 U	5.00 U	5.00 U	5.00 U	
Trichloroethane, 1,1,1-	µg/L	5- ^A	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	5 U	2.00 U	2.00 U	2.00 U	
Trichloroethane, 1,1,2-	µg/L	1 ^A	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	5 U	2.00 U	2.00 U	2.00 U	
Trichloroethene (TCE)	µg/L	5- ^A	2.12	1.62 J-	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+	8.5 ^A	1.05 J	4.17	4.15		
Trichlorofluoromethane (Freon 11)	µg/L	5- ^A	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	5 U	2.00 U	2.00 U	2.00 U	
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^A	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	5 U	2.00 U	2.00 U	2.00 U	
Trimethylbenzene, 1,2,4-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trimethylbenzene, 1,3,5-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Chloride	µg/L	2 ^A	4.89 NJ ^A	5.37 J- ^A	1.32 J	2.00 U	6.11 NJ ^A	2.00 U	2.14 J- ^A	2.00 U	3.30 ^A	1.03 J	1.54 J-	1.54 J+	1.93 J+	5 U	2.00 U	2.75 ^A	2.61 ^A	
Xylene, m & p-	µg/L	5- ^A	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	10 U	2.00 U	2.00 U	2.00 U	
Xylene, o-	µg/L	5- ^A	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	5 U	2.00 U	2.00 U	2.00 U	
Total VOC	µg/L	n/v	17.21	15.51 J-	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	
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
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area			On-Site Building															
Sample Location			B108MW															
Sample Date																		
Sample ID																		
Sampling Company																		
Laboratory																		
Laboratory Work Order																		
Laboratory Sample ID																		
Sample Type																		
Units	TOGS																	
General Chemistry																		
Total Organic Carbon	µg/L	n/v	86,100	72,200	45,000	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
Metals																		
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25 ^A	10 U	10 U	10 U	5.92 J	10.0 U	9.02 J-	-	-	-	-	-	-	-	-	-	-
Barium	µg/L	1,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	3 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	µg/L	50 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	µg/L	300 ^A	3,520 ^A	2,480 ^A	2,350 ^A	2,660 ^A	999 ^A	3,540 J- ^A	-	-	-	-	-	-	-	-	-	-
Lead	µg/L	25 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300 ^A	217	158	106	87.6	81.8	131 J-	-	-	-	-	-	-	-	-	-	-
Mercury	µg/L	0.7 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20,000 ^A	100,000 M ^A	115,000 ^A	82,900 ^A	130,000 ^A	42,400 ^A	72,000 J- ^A	-	-	-	-	-	-	-	-	-	-
Thallium	µg/L	0.5 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds																		
Acetone	µg/L	50 ^B	6.04 J	8.49 J	10.0 U	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 U	10.0 UJ	10.0 U
Benzene	µg/L	1 ^A	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	1.00 U	1.00 U	1.00 UJ	1.00 U
Bromodichloromethane	µg/L	50 ^B	2.00 U	2.00 U	2.00 U	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 U	2.00 UJ	2.00 U
Bromoform (Tribromomethane)	µg/L	50 ^B	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 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Bromomethane (Methyl bromide)	µg/L	5 ^{-A}	2.00 UJ	2.00 U	2.00 U	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 U	2.00 UJ	2.00 U
Butylbenzene, n-	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60 ^B	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 UJ	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^A	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 UJ	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^{-A}	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 UJ	2.00 U
Chlorobromomethane	µg/L	5 ^{-A}	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 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5 ^{-A}	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 UJ	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7 ^A	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 UJ	2.00 U
Chloromethane	µg/L	5 ^{-A}	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 UJ	2.00 U
Cyclohexane	µg/L	n/v	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	10.0 U	10.0 U	10.0 UJ	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^A	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	10.0 U	10.0 U	10.0 UJ	10.0 U
Dibromochloromethane	µg/L	50 ^B	2.00 U	2.00 U	10.4	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
Dichlorobenzene, 1,2-	µg/L	3 ^A	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 UJ	2.00 U
Dichlorobenzene, 1,3-	µg/L	3 ^A	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 UJ	2.00 U
Dichlorobenzene, 1,4-	µg/L	3 ^A	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 UJ	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5 ^{-A}	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	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichloroethane, 1,1-	µg/L	5 ^{-A}	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 UJ	2.00 U
Dichloroethane, 1,2-	µg/L	0.6 ^A	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 UJ	2.00 U
Dichloroethene, 1,1-	µg/L	5 ^{-A}	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 UJ	2.00 U
Dichloroethene, cis-1,2-	µg/L	5 ^{-A}	23.2 ^A	4.99	1.96 J	1.87 J	1.49 J	2.10 J-	11.8 ^A	9.96 ^A	6.08 ^A	7.20 ^A	5.90 J- ^A	2.37	5.98 ^A	1.43 J	3.09 J-	5.70 J+ ^A
Dichloroethene, trans-1,2-	µg/L	5 ^{-A}	2.04	1.37 J	2.00 U	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 U	2.00 UJ	2.00 U
Dichloropropane, 1,2-	µg/L	1 ^A	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 UJ	2.00 U
Dichloropropene, cis-1,3-	µg/L	0.4 ^{-A}	2.00 U	2.00 U	2.00 U	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 U	2.00 UJ	2.00 U
Dichloropropene, trans-1,3-	µg/L	0.4 ^{-A}	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 UJ	2.00 U
Dioxane, 1,4-	µg/L	n/v	20.0 U R	20.0 U R	20.0 U	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	20.0 U	20.0 U R	10.0 U R
Ethylbenzene	µg/L	5 ^{-A}	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 UJ	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006 ^A	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</							

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

Area			On-Site Building																
Sample Location			B108MW																
Sample Date			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	
Sample ID			LI-B108-MW-PI2	LI-B108-MW-PI3	LI-B108-MW-PI6	LI-B108-MW-PI9	LI-B108-MW-PI12	LI-B108-MW-PI15	LI-B108-MW-PS3	LI-B108-MW-PS6	LI-B108-MW-PS9	LI-B108-MW-PS15	LI-B108-MW-PS21	LI-B108-MW-PS22	LI-B108-MW-PS23	LI-B108MW-PS41	LI-B108MW-PS42	LI-B108MW-Annual 2021	
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	
Laboratory Work Order			142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400	183674	192608	203943	214297	
Laboratory Sample ID			142794-12	143439-12	144730-12	150382-07	151696-13	153411-04	160464-08	161713-12	163436-12	170564-12	173804-12	180400-12	183674-10	192608-10	203943-10	214297-09	
Sample Type																			
Units	TOGS																		
Volatile Organic Compounds (cont'd)																			
Methyl Acetate	µg/L	n/v	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 UJ	2.00 U	
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^B	41.5 J	63.6 ^B	22.9 J	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	
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	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 U	5.00 U	5.00 U	5.00 UJ	5.00 U	
Methyl tert-butyl ether (MTBE)	µg/L	10 ^B	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 UJ	2.00 U	
Methylcyclohexane	µg/L	n/v	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 UJ	2.00 U	
Methylene Chloride (Dichloromethane)	µg/L	5- ^A	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 U	5.00 U	5.00 U	5.00 UJ	5.00 U	
Naphthalene	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Propylbenzene, n-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Styrene	µg/L	5- ^A	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 U	5.00 U	5.00 U	5.00 UJ	5.00 U	
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^A	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 UJ	2.00 U	
Tetrachloroethene (PCE)	µg/L	5- ^A	10.7 ^A	9.63 ^A	10.4 ^A	6.73 ^A	14.4 ^A	9.41 J- ^A	5.17 ^A	4.45	2.00 U	1.54 J	2.00 UJ	8.76 ^A	5.66 ^A	8.34 ^A	5.40 J- ^A	4.18 J+	
Toluene	µg/L	5- ^A	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 UJ	2.00 U	
Trichlorobenzene, 1,2,3-	µg/L	5- ^A	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 U	5.00 U	5.00 U	5.00 UJ	5.00 U	
Trichlorobenzene, 1,2,4-	µg/L	5- ^A	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 U	5.00 U	5.00 U	5.00 UJ	5.00 U	
Trichloroethane, 1,1,1-	µg/L	5- ^A	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 UJ	2.00 U	
Trichloroethane, 1,1,2-	µg/L	1 ^A	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 UJ	2.00 U	
Trichloroethene (TCE)	µg/L	5- ^A	4.21	1.65 J	4.04	2.93	2.72	2.12 J-	6.57 ^A	4.95	2.00 U	3.26	2.23 J-	3.42	2.57	2.04	1.51 J-	1.72 J+	
Trichlorofluoromethane (Freon 11)	µg/L	5- ^A	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 UJ	2.00 U	
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^A	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 UJ	2.00 U	
Trimethylbenzene, 1,2,4-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trimethylbenzene, 1,3,5-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Chloride	µg/L	2 ^A	10.2 ^A	14.6 ^A	4.23 ^A	2.00 U	2.00 U	2.37 J- ^A	9.05 ^A	3.71 NJ ^A	11.1 NJ ^A	3.51 ^A	5.36 J- ^A	2.00 U	2.36 ^A	2.00 U	2.00 UJ	1.98 J+	
Xylene, m & p-	µg/L	5- ^A	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 UJ	2.00 U	
Xylene, o-	µg/L	5- ^A	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 UJ	2.00 U	
Total VOC	µg/L	n/v	97.89	104.53	53.93	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+	
Volatile Organic Tentatively Identified Compounds																			
Total VOC TICs	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
See notes on last page.																			

See notes on last page.

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

Area 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-P11 STANTEC	1-Jul-14 LI-RW-1-P12 STANTEC	8-Aug-14 LI-RW-1-P13 STANTEC	29-Oct-14 LI-RW1-P16 STANTEC	3-Feb-15 LI-RW-1-P19 STANTEC	5-May-15 LI-RW-1-P112 STANTEC	12-Aug-15 LI-RW-1-P115 STANTEC	2-Feb-16 LI-RW-1-PS3 STANTEC	2-May-16 LI-RW-1-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
			12:1239-01	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	170564-01	173804-01	180400-01	183674-07	192608-01	192608-01	203943-01
			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 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Arsenic	µg/L	25 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Barium	µg/L	1,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Beryllium	µg/L	3 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cadmium	µg/L	5 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Chromium	µg/L	50 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Copper	µg/L	200 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Iron	µg/L	300 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lead	µg/L	25 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Magnesium	µg/L	35,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Manganese	µg/L	300 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mercury	µg/L	0.7 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nickel	µg/L	100 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Selenium	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Silver	µg/L	50 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Sodium	µg/L	20,000 ^A	-	-	-	146,000 ^A	331,000 ^A	137,000 ^A	146,000 ^A	85,700 ^A	175,000 ^A	668,000 ^A	-	-	-	-	-	-	-	-		
Thallium	µg/L	0.5 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Zinc	µg/L	2,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Volatile Organic Compounds																						
Acetone	µg/L	50 ^B	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 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	
Benzene	µg/L	1 ^A	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 U	1.00 UJ	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	
Bromodichloromethane	µg/L	50 ^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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Bromoform (Tribromomethane)	µg/L	50 ^B	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 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	
Bromomethane (Methyl bromide)	µg/L	5 ^{-A}	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Butylbenzene, n-	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Butylbenzene, tert-	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carbon Disulfide	µg/L	60 ^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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^{-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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Chlorobromomethane	µg/L	5 ^{-A}	-	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 UJ	5.00 U	5.00 U	5.00 U	5.00 U	
Chloroethane (Ethyl Chloride)	µg/L	5 ^{-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 UJ	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 ^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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Chloromethane	µg/L	5 ^{-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 UJ	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 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^A	-	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 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	
Dibromochloromethane	µg/L	50 ^B	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 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Dichlorobenzene, 1,2-	µg/L	3 ^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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Dichlorobenzene, 1,3-	µg/L	3 ^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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Dichlorobenzene, 1,4-	µg/L	3 ^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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Dichlorodifluoromethane (Freon 12)	µg/L	5 ^{-A}	-	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 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Dichloroethane, 1,1-	µg/L	5 ^{-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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Dichloroethane, 1,2-	µg/L	0.6 ^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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Dichloroethene, 1,1-	µg/L	5 ^{-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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Dichloroethene, cis-1,2-	µg/L	5 ^{-A}	6.88 ^A	14.5 ^A	5.57 ^A	4.53	4.71	8.12 ^A														

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

Area			On-Site Building																			
Sample Location			RW-1																			
Sample Date			23-Mar-12	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	13-Feb-17	15-Aug-17	2-Feb-18	9-Aug-18	10-Jun-19	20-Aug-20	
Sample ID			RW-1	LI-RW-1-GW1	LI-RW-1	LI-RW-1-P11	LI-RW-1-P12	LI-RW-1-P13	LI-RW1-P16	LI-RW-1-P19	LI-RW-1-P112	LI-RW-1-P115	LI-RW-1-PS3	LI-RW-1-PS6	LI-RW-1-PS9	LI-RW-1-PS15	LI-RW-1-PS21	LI-RW-1-PS22	LI-RW1-PS23	LI-RW1-PS41	LI-RW1-PS42	
Sampling Company			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	
Laboratory			PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	
Laboratory Work Order			12:1239	E2363	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400	183674	192608	203943	
Laboratory Sample ID			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	170564-01	173804-01	180400-01	183674-07	192608-01	203943-01	
Sample Type	Units	TOGS																				
Volatile Organic Compounds (cont'd)																						
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 ^B	10.0 U	25 U	10.0 UJ	6.42 J	87.3 J ^B	9.42 NJ	57.3 J ^B	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 ^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	
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- ^A	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 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Propylbenzene, n-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Styrene	µg/L	5- ^A	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- ^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 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Tetrachloroethene (PCE)	µg/L	5- ^A	6.72 ^A	3.6 J	5.35 ^A	10.1 ^A	6.14 ^A	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- ^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 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Trichlorobenzene, 1,2,3-	µg/L	5- ^A	-	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- ^A	-	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- ^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 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Trichloroethane, 1,1,2-	µg/L	1 ^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 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Trichloroethene (TCE)	µg/L	5- ^A	7.15 ^A	8.1 ^A	4.02	6.09 ^A	4.52	5.49 ^A	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- ^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 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^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	
Trimethylbenzene, 1,2,4-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trimethylbenzene, 1,3,5-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Acetate	µg/L	n/v	5.00 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Chloride	µg/L	2 ^A	3.99 ^A	7.7 ^A	2.00 U	1.45 NJ	4.61 NJ ^A	5.29 NJ ^A	2.00 U	2.00 U	2.98 NJ ^A	2.00 U	2.84 ^A	2.75 NJ ^A	3.56 NJ ^A	2.00 U	6.31 J- ^A	2.00 U	3.97 ^A	2.00 U	1.34 J	
Xylene, m & p-	µg/L	5- ^A	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- ^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 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	
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.																						

See notes on last page.

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

Area			On-Site Building																											
			RW-2																											
			23-Mar-12 RW-2 DECI	21-May-13 LI-RW-2-GW1 STANTEC	26-Mar-14 LI-RW-2 STANTEC	29-May-14 LI-RW-2-PI1 STANTEC	1-Jul-14 LI-RW-2-PI2 STANTEC	8-Aug-14 LI-RW-2-PI3 STANTEC	29-Oct-14 LI-RW2-PI6 STANTEC	3-Feb-15 LI-RW-2-PI9 STANTEC	5-May-15 LI-RW-2-PI12 STANTEC	12-Aug-15 LI-RW-2-PI15 STANTEC	2-Feb-16 LI-RW-2-PS3 STANTEC	2-May-16 LI-RW-2-PS6 STANTEC	10-Aug-16 LI-RW-2-PS9 STANTEC	13-Feb-17 LI-RW-2-PS15 STANTEC	15-Aug-17 LI-RW-2-PS21 STANTEC	2-Feb-18 LI-RW-2-PS22 STANTEC	10-Aug-18 LI-RW2-PS23 STANTEC	10-Jun-19 LI-RW2-PS41 STANTEC	20-Aug-20 LI-RW2-PS42 STANTEC	22-Sep-21 LI-RW2-Annual 2021 STANTEC								
			PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH								
Sample Location	Sample Date	Sample ID	Sampling Company	Laboratory	Laboratory Work Order	Laboratory Sample ID	Sample Type	Units	TOGS	12:1239 12:1239-02	E2314 E2314-03	141138 141138-02	142196 142196-10	142794 142794-07	143439 143439-02	144730 144730-02	150382 150382-02	151696 151696-02	153411 153411-02	160464 160464-10	161713 161713-02	163436 163436-02	170564 170564-02	173804 173804-02	180400 180400-02	183674 183674-08	192608 192608-02	203943 203943-02	214297 214297-01	
Volatile Organic Compounds (cont'd)																														
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 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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 ^B	10.0 U	110 ^B	10.0 UJ	175 NJ ^B	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 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 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 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	
Methyl tert-butyl ether (MTBE)	µg/L	10 ^B	-	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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	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	5- ^A	5.00 U	5 U	3.76 JB	5.00 U	5.00 U	5.00 U	7.55 ^A	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	5.00 U	5.00 U	
Naphthalene	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Propylbenzene, n-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Styrene	µg/L	5- ^A	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 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	5- ^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 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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	5- ^A	2.00 U	110 ^A	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 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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- ^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 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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- ^A	-	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	5.00 U	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- ^A	-	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	5.00 U	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- ^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 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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	1 ^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 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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	5- ^A	9.19 ^A	76.4 ^A	27.6 ^A	21.5 ^A	6.31 ^A	2.39	1.05 J	2.00 U	2.00 U	3.85	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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	5- ^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 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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- ^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 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trimethylbenzene, 1,3,5-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Acetate	µg/L	n/v	5.00 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Chloride	µg/L	2 ^A	2.00 U	5.9 ^A	1.24 J	1.64 NJ	7.48 ^A	56.4 ^A	23.9 NJ ^A	1.17 NJ	2.00 U	1.33 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	
Xylene, m & p-	µg/L	5- ^A	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 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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- ^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 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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.																														

See notes on last page.

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

Area			On-Site Building																							
			RW-3																							
			23-Mar-12 RW-3 DECI	22-May-13 LI-RW-3-GW1 STANTEC	26-Mar-14 LI-RW-3 STANTEC	29-May-14 LI-RW-3-P11 STANTEC	1-Jul-14 LI-RW-3-P12 STANTEC	7-Aug-14 LI-RW-3-P13 STANTEC	29-Oct-14 LI-RW3-P16 STANTEC	3-Feb-15 LI-RW-3-P19 STANTEC	5-May-15 LI-RW-3-P112 STANTEC	12-Aug-15 LI-RW-3-P115 STANTEC	2-Feb-16 LI-RW-3-PS3 STANTEC	2-May-16 LI-RW-3-PS6 STANTEC	2-May-16 LI-DUP-PS6 STANTEC	10-Aug-16 LI-RW-3-PS9 STANTEC	13-Feb-17 LI-RW-3-PS15 STANTEC	13-Feb-17 LI-FD-PS15 STANTEC	15-Aug-17 LI-RW-3-PS21 STANTEC	2-Feb-18 LI-RW-3-PS22 STANTEC	2-Feb-18 LI-FD-PS22 STANTEC	10-Aug-18 LI-RW3-PS23 STANTEC	10-Jun-19 LI-RW3-PS41 STANTEC	20-Aug-20 LI-RW3-PS42 STANTEC	22-Sep-21 LI-RW3-Annual 2021 STANTEC	
			PARAROCH 12:1239 12:1239-03	CCGE E2342 E2342-01	PARAROCH 141138 141138-03	PARAROCH 142196 142196-11	PARAROCH 142794 142794-06	PARAROCH 143439 143439-03	PARAROCH 144730 144730-03	PARAROCH 150382 150382-03	PARAROCH 151696 151696-03	PARAROCH 153411 153411-03	PARAROCH 160464 160464-09	PARAROCH 161713 161713-03	PARAROCH 161713 161713-13 Field Duplicate	PARAROCH 163436 163436-03	PARAROCH 170564 170564-03	PARAROCH 170564 170564-13 Field Duplicate	PARAROCH 173804 173804-03	PARAROCH 180400 180400-03	PARAROCH 180400 180400-13 Field Duplicate	PARAROCH 183674 183674-09	PARAROCH 192608 192608-03	PARAROCH 203943 203943-03	PARAROCH 214297 214297-02	
Units	TOGS																									
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	-	-	-	-	-	-	-	
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.65	2.16	2.35	3.72	-	4.08	4.9	
Metals																										
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Antimony	µg/L	3 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Arsenic	µg/L	25 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Barium	µg/L	1,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Beryllium	µg/L	3 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cadmium	µg/L	5 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chromium	µg/L	50 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Copper	µg/L	200 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iron	µg/L	300 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lead	µg/L	25 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Magnesium	µg/L	35,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manganese	µg/L	300 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mercury	µg/L	0.7 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nickel	µg/L	100 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Selenium	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Silver	µg/L	50 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sodium	µg/L	20,000 ^A	-	-	-	252,000 ^A	199,000 ^A	103,000 ^A	125,000 ^A	120,000 ^A	85,300 ^A	91,100 J- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	
Thallium	µg/L	0.5 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zinc	µg/L	2,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Volatile Organic Compounds																										
Acetone	µg/L	50 ^B	10.0 U	25 U	10.0 U	132 ^B	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 U	10.0 U	10.0 U	5.31 J	10.0 U	10.0 U	
Benzene	µg/L	1 ^A	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 UJ	1.00 UJ	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	
Bromodichloromethane	µg/L	50 ^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	
Bromoform (Tribromomethane)	µg/L	50 ^B	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 UJ	5.00 UJ	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 ^{-A}	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 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Butylbenzene, n-	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Butylbenzene, tert-	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carbon Disulfide	µg/L	60 ^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 UJ	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^{-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 UJ	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Chlorobromomethane	µg/L	5 ^{-A}	-	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 UJ	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 ^{-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 UJ	2.00 UJ	2.00 UJ	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 ^A	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 UJ	2.00 UJ	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	
Chloromethane	µg/L	5 ^{-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 UJ	2.00 UJ	2.00 UJ	2.00 UJ	2.00 U	2.00 UJ	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 UJ	10.0 UJ	10.0 UJ	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 ^A	-	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 UJ	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	
Dibromochloromethane	µg/L	50 ^B	2.00 U	5 U	2.00 U	10.0 U	10.0 U	2.00 UJ	2.00 U																	

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

Area		Units	TOGS	On-Site Building																							
Sample Location				RW-3																							
Sample Date				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	
Sample ID				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-P112	LI-RW-3-P115	LI-RW-3-PS3	LI-RW-3-PS6	LI-DUP-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	
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	
Laboratory				PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	
Laboratory Work Order				12:1239	E2342	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	161713-13	163436	170564	170564	173804	180400	180400	180400	183674	192608	203943	214297
Laboratory Sample ID				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	163436-03	170564-03	Field Duplicate	170564-13	173804-03	180400-03	Field Duplicate	183674-09	192608-03	203943-03	214297-02
Sample Type																											
Volatile Organic Compounds (cont'd)																											
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 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		
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^B	10.0 U	25 U	10.0 UJ	404 ^B	139 J ^B	60.0 ^B	10.0 UJ	10.0 UJ	10.0 U	10.0 UJ	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 ^B	-	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 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		
Methylene Chloride (Dichloromethane)	µg/L	5- ^A	5.00 U	5 U	4.04 JB	25.0 U	25.0 U	5.00 U	6.12 ^A	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 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Propylbenzene, n-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Styrene	µg/L	5- ^A	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- ^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		
Tetrachloroethene (PCE)	µg/L	5- ^A	2.81	7.8 ^A	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- ^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		
Trichlorobenzene, 1,2,3-	µg/L	5- ^A	-	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- ^A	-	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- ^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		
Trichloroethane, 1,1,2-	µg/L	1 ^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		
Trichloroethene (TCE)	µg/L	5- ^A	125 ^A	320 D ^A	10.5 ^A	83.9 ^A	36.6 ^A	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	2.00 UJ	1.86 J-	2.00 U	1.13 J	2.00 U	4.56	2.00 U	1.31 J+		
Trichlorofluoromethane (Freon 11)	µg/L	5- ^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		
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^A	-	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- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Trimethylbenzene, 1,3,5-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Vinyl Acetate	µg/L	n/v	5.00 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Vinyl Chloride	µg/L	2 ^A	2.00 U	3 J ^A	2.00 U	10.0 U	18.1 ^A	10.1 NJ ^A	22.5 ^A	4.14 NJ ^A	2.00 U	1.65 J-	2.00 U	2.00 U	2.00 U	2.00 U	5.39 NJ ^A	2.00 U	2.00 U	5.80 J- ^A	2.00 U	2.00 U	8.33 ^A	8.06 ^A	11.7 ^A	5.63 J+ ^A	
Xylene, m & p-	µg/L	5- ^A	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- ^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		
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
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area		Units	TOGS	Off-Site Locations																			
Sample Location				RW-5																			
Sample Date				25-Apr-12	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
Sample ID				RW-5	LI-RW-5-GW1	LI-RW-5	LI-RW-5-P11	LI-RW-5-P12	LI-RW-5-P13	LI-RW5-P16	LI-RW-5-P19	LI-RW-5-P12	LI-RW-5-P15	LI-RW-5-PS3	LI-RW-5-PS6	LI-RW-5-PS9	LI-RW-5-PS15	LI-RW-5-PS21	LI-RW-5-PS22	LI-RW5-PS23	LI-RW5-PS41	LI-RW5-PS42	LI-RW5-Annual 2021
Sampling Company				PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory				12:1770	E2314	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400	183674	192608	203943	214297
Laboratory Work Order				12:1770-02	E2314-06	141138-05	142196-14	142794-13	143439-05	144730-05	150382-04	151696-05	153411-09	160464-05	161713-05	163436-05	170564-05	173804-05	180400-05	183674-02	192608-05	203943-05	214297-04
Laboratory Sample ID																							
Sample Type																							
Volatile Organic Compounds (cont'd)																							
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 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	
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^B	10.0 UJ	25 U	10.0 UJ	10.0 U	10.0 U	43.1 J	10.8	10.0 UJ	10.0 UJ	10.0 U	10.0 UJ	26.1	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 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 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	
Methyl tert-butyl ether (MTBE)	µg/L	10 ^B	-	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 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	
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 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	
Methylene Chloride (Dichloromethane)	µg/L	5- ^A	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 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	
Naphthalene	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Propylbenzene, n-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Styrene	µg/L	5- ^A	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 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	
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^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 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	
Tetrachloroethene (PCE)	µg/L	5- ^A	12.2 J ^A	5.6 ^A	2.75	11.2 ^A	2.44	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	3.42	11.3 ^A	1.10 J	
Toluene	µg/L	5- ^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 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	
Trichlorobenzene, 1,2,3-	µg/L	5- ^A	-	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 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- ^A	-	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 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- ^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 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	
Trichloroethane, 1,1,2-	µg/L	1 ^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 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	
Trichloroethene (TCE)	µg/L	5- ^A	48.5 J ^A	25.2 ^A	6.65 ^A	40.0 ^A	14.2 ^A	1.10 J	2.76	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	1.05 J-	2.00 U	10.9 D ^A	24.0 ^A	3.48	
Trichlorofluoromethane (Freon 11)	µg/L	5- ^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 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	
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^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 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	
Trimethylbenzene, 1,2,4-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trimethylbenzene, 1,3,5-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Acetate	µg/L	n/v	5.00 UJ	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl Chloride	µg/L	2 ^A	2.93 J ^A	0.6 J	2.00 U	2.00 U	1.28 NJ	3.76 ^A	12.8 ^A	2.30 NJ ^A	2.00 U	16.0 J- ^A	1.52 J	2.00 U	53.4 ^A	2.00 U	14.0 J- ^A	3.39 ^A	32.2 D ^A	22.6 ^A	7.98 ^A	37.3 J+ ^A	
Xylene, m & p-	µg/L	5- ^A	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 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	
Xylene, o-	µg/L	5- ^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 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	
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+	
Volatile Organic Tentatively Identified Compounds																							
Total VOC TICs	µg/L	n/v	-	5.500 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
See notes on last page.																							

See notes on last page.

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

Area			Off-Site Locations																							
Sample Location			RW-6																							
Sample Date	Sample ID	Sampling Company	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-P11 STANTEC	1-Jul-14 LI-RW-6-P12 STANTEC	7-Aug-14 LI-RW-6-P13 STANTEC	7-Aug-14 LI-FD-P13 STANTEC	28-Oct-14 LI-RW6-P16 STANTEC	4-Feb-15 LI-RW-6-P19 STANTEC	4-May-15 LI-RW-6-P12 STANTEC	13-Aug-15 LI-RW-6-P15 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	19-Aug-20 LI-RW6-PS42 STANTEC	21-Sep-21 LI-RW6-Annual 2021 STANTEC		
Laboratory	Laboratory Work Order	Laboratory Sample ID	PARAROCH 12:1770 12:1770-03	PARAROCH 12:1927 12:1927-01	CCGE E2301 E2301-01	PARAROCH 141138 141138-06	PARAROCH 142196 142196-02	PARAROCH 142794 142794-03	PARAROCH 143439 143439-06	Field Duplicate	PARAROCH 144730 144730-06	PARAROCH 150382 150382-09	PARAROCH 151696 151696-06	PARAROCH 153411 153411-10	PARAROCH 160464 160464-02	PARAROCH 161713 161713-06	PARAROCH 163436 163436-06	PARAROCH 170564 170564-06	PARAROCH 173804 173804-06	PARAROCH 180400 180400-06	PARAROCH 183674 183674-01	PARAROCH 192608 192608-06	PARAROCH 203943 203943-06	PARAROCH 214297 214297-05		
Units	TOGS																									
Volatile Organic Compounds (cont'd)																										
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	2.00 UJ	2.00 U		
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^B	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	10.0 UJ	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	5.00 UJ	5.00 U		
Methyl tert-butyl ether (MTBE)	µg/L	10 ^B	-	-	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	1.10 J-	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	2.00 UJ	2.00 U		
Methylene Chloride (Dichloromethane)	µg/L	5- ^A	5.00 UJ	50.0 UJ	5 U	100 U	56.8 J ^A	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	5.00 UJ	5.00 U		
Naphthalene	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Propylbenzene, n-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Styrene	µg/L	5- ^A	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	5.00 UJ	5.00 U		
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^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 UJ	2.00 U	2.00 U		
Tetrachloroethene (PCE)	µg/L	5- ^A	881 J ^A	732 ^A	880 D ^A	3,380 ^A	84.6 ^A	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 ^A	2.58 J-	2.00 U	11.4 ^A	18.5 ^A	148 J- ^A	15.9 J+ ^A		
Toluene	µg/L	5- ^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 UJ	2.00 U	2.00 U		
Trichlorobenzene, 1,2,3-	µg/L	5- ^A	-	-	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	5.00 UJ	5.00 U		
Trichlorobenzene, 1,2,4-	µg/L	5- ^A	-	-	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	5.00 UJ	5.00 U		
Trichloroethane, 1,1,1-	µg/L	5- ^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	2.00 UJ	2.00 U		
Trichloroethane, 1,1,2-	µg/L	1 ^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 UJ	2.00 U	2.00 U		
Trichloroethene (TCE)	µg/L	5- ^A	112 J ^A	93.2 ^A	140 ^A	283 ^A	752 ^A	35.8 ^A	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 ^A	1.57 J-	2.00 U	3.80	6.26 ^A	69.3 J- ^A	13.5 J+ ^A		
Trichlorofluoromethane (Freon 11)	µg/L	5- ^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 UJ	2.00 U	2.00 U		
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^A	-	-	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 UJ	2.00 U	2.00 U		
Trimethylbenzene, 1,2,4-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Trimethylbenzene, 1,3,5-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Vinyl Acetate	µg/L	n/v	5.00 UJ	50.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Vinyl Chloride	µg/L	2 ^A	2.00 UJ	20.0 U	0.52 NJ	40.0 U	40.0 U	2.00 U	115 ^A	116 ^A	868 ^A	455 ^A	367 ^A	259 J- ^A	1,120 ^A	624 ^A	201 ^A	147 ^A	9.07 J- ^A	10.6 ^A	22.7 ^A	14.2 ^A	33.5 J- ^A	19.7 J+ ^A		
Xylene, m & p-	µg/L	5- ^A	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 UJ	2.00 U	2.00 U		
Xylene, o-	µg/L	5- ^A	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 UJ	2.00 U	2.00 U		
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	423.92 J-	94.2 J+		
Volatile Organic Tentatively Identified Compounds																										
Total VOC TICs	µg/L	n/v	-	-	5,800 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
See notes on last page.																										

See notes on last page.

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

Area					Off-Site Locations																											
Sample Location					RW-7																RW-8		RW-9									
Sample Date					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	14-Jun-12	20-May-13	8-Jun-12	21-May-13	27-Mar-14	29-May-14	1-Jul-14	1-Jul-14				
Sample ID					RW-7	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-P112	LI-RW-7-P115	LI-RW-7-PS3	LI-RW-7-PS6	LI-RW-7-PS9	LI-RW-7-PS15	LI-RW-7-PS21	LI-RW-7-PS22	RW-8	LI-RW-8-GW1	RW-9	LI-RW-9-GW1	LI-RW-9	LI-RW-9-P11	LI-RW-9-P12	LI-RW-DUP-P12				
Sampling Company					PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	DECI	CCGE	DECI	CCGE	STANTEC	STANTEC	STANTEC	STANTEC			
Laboratory					PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	DECI	CCGE	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH			
Laboratory Work Order					12:2486	E2301	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400	12:2523	E2301	12:2431	E2314	141138	142196	142794	142794				
Laboratory Sample ID					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	12:2523-01	E2301-03	12:2431-01	E2314-07	141138-08	142196-12	142794-04	Field Duplicate				
Sample Type			Units	TOGS																												
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	-	-	-	-	-	-	2,000	2,000	2,500	2,100				
Total Organic Carbon			mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.90	1.57	-	-	-	-	-	-	-					
Metals																																
Aluminum			µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Antimony			µg/L	3 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Arsenic			µg/L	25 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U				
Barium			µg/L	1,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Beryllium			µg/L	3 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Cadmium			µg/L	5 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Calcium			µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Chromium			µg/L	50 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Cobalt			µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Copper			µg/L	200 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Iron			µg/L	300 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Lead			µg/L	25 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Magnesium			µg/L	35,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Manganese			µg/L	300 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15 U	19.8	98.1	94.4				
Mercury			µg/L	0.7 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Nickel			µg/L	100 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Potassium			µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Selenium			µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Silver			µg/L	50 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Sodium			µg/L	20,000 ^A	-	-	-	126,000 ^A	85,200 ^A	85,600 ^A	77,500 ^A	67,100 ^A	49,900 ^A	64,400 J ^A	-	-	-	-	-	-	-	-	-	-	38,100 ^A	25,200 ^A	29,000 ^A	28,800 ^A				
Thallium			µg/L	0.5 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Vanadium			µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Zinc			µg/L	2,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Volatile Organic Compounds																																
Acetone			µg/L	50 ^B	-	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 UJ	10.0 UJ	10.0 UJ	10.0 U	-	25 U	-	25 U	10.0 U	6.70 J	10.0 U	10.0 U				
Benzene			µg/L	1 ^A	-	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	1.00 U	1.00 U	-	5 U	-	5 U	1 U	1 U	1 U	1 U				
Bromodichloromethane			µg/L	50 ^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 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	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U				
Bromoform (Tribromomethane)			µg/L	50 ^B	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 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 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U				
Bromomethane (Methyl bromide)			µg/L	5 ^{-A}	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 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 UJ	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ				
Butylbenzene, n-			µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Butylbenzene, sec- (2-Phenylbutane)			µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Butylbenzene, tert-			µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Carbon Disulfide			µg/L	60 ^B	-	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	2.00 UJ	2.00 U	-	5 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U				
Carbon Tetrachloride (Tetrachloromethane)			µg/L	5 ^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 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	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U				
Chlorobenzene (Monochlorobenzene)			µg/L	5 ^{-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 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	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U				
Chlorobromomethane			µg/L	5 ^{-A}	-	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	-	5 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U				
Chloroethane (Ethyl Chloride)			µg/L	5 ^{-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 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	5 U	2.00 U	5 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0 U R	-	10.0 U R	-	-	-	-	-				
Chloroform (Trichloromethane)			µg/L	7 ^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 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	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U				
Chloromethane			µg/L	5 ^{-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 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	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 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 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	-	5 UJ	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U				
Dibromo-3-Chloropropane, 1,2- (DBCP)			µg/L	0.04 ^A	-	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	1														

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

Area		Units	TOGS	Off-Site Locations																									
Sample Location				RW-7																RW-8		RW-9							
Sample Date				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	14-Jun-12	20-May-13	8-Jun-12	21-May-13	27-Mar-14	29-May-14	1-Jul-14	1-Jul-14		
Sample ID				RW-7	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-P112	LI-RW-7-P115	LI-RW-7-PS3	LI-RW-7-PS6	LI-RW-7-PS9	LI-RW-7-PS15	LI-RW-7-PS21	LI-RW-7-PS22	RW-8	LI-RW-8-GW1	RW-9	LI-RW-9-GW1	LI-RW-9	LI-RW-9-P11	LI-RW-9-P12	LI-RW-DUP-P12		
Sampling Company				DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC		
Laboratory				PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH		
Laboratory Work Order				12:2486	E2301	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400	12:2523	E2301	12:2431	E2314	141138	142196	142794	142794		
Laboratory Sample ID				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	12:2523-01	E2301-03	12:2431-01	E2314-07	141138-08	142196-12	142794-04	142794-05		
Sample Type																											Field Duplicate		
Volatile Organic Compounds (cont'd)																													
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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 UJ	-	5 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^B	-	25 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	25 U	-	25 U	10.0 UJ	10.0 U	10.0 UJ	10.0 UJ			
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	-	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	5.00 UJ	5.00 U	5.00 U	-	25 U	-	25 U	5.00 U	5.00 U	5.00 U	5.00 U			
Methyl tert-butyl ether (MTBE)	µg/L	10 ^B	-	1.8 J	2.00 U	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	-	3.3 J	-	5 U	2.00 U	2.00 U	2.00 U	2.00 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 UJ	2.00 U	2.00 U	-	5 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U			
Methylene Chloride (Dichloromethane)	µg/L	5- ^A	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 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U			
Naphthalene	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Propylbenzene, n-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Styrene	µg/L	5- ^A	-	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	-	5 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U			
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^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 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	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U			
Tetrachloroethene (PCE)	µg/L	5- ^A	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 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	4.3 J	11.3 ^A	8.5 ^A	3.04	3.58	4.10	4.11			
Toluene	µg/L	5- ^A	-	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	2.00 UJ	2.00 U	-	5 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U			
Trichlorobenzene, 1,2,3-	µg/L	5- ^A	-	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	-	5 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U			
Trichlorobenzene, 1,2,4-	µg/L	5- ^A	-	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	-	5 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U			
Trichloroethane, 1,1,1-	µg/L	5- ^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 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	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U			
Trichloroethane, 1,1,2-	µg/L	1 ^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 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	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U			
Trichloroethene (TCE)	µg/L	5- ^A	2.00 U	5.8 ^A	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 U	2.00 UJ	2.00 U	2.00 U	7.59 ^A	20.7 ^A	2.00 U	1.5 J	2.00 U	2.00 U	2.00 U			
Trichlorofluoromethane (Freon 11)	µg/L	5- ^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 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	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U			
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^A	-	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	2.00 UJ	2.00 U	-	5 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U			
Trimethylbenzene, 1,2,4-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Trimethylbenzene, 1,3,5-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Vinyl Chloride	µg/L	2 ^A	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	4.58 NJ ^A	5.43 ^A	2.87 ^A	2.84 J- ^A	2.27 ^A	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	0.63 NJ	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U			
Xylene, m & p-	µg/L	5- ^A	-	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 U	2.00 UJ	2.00 U	-	10 U	-	10 U	2.00 U	2.00 U	2.00 U	2.00 U			
Xylene, o-	µg/L	5- ^A	-	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	2.00 UJ	2.00 U	-	5 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U			
Total VOC	µg/L	n/v	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	J-ND	ND	14.09	48.83	11.3	11.2	3.04	10.28	4.1	4.11			
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
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area			Off-Site Locations																																																			
Sample Location			RW-9																		RW-12																																	
Sample Date			7-Aug-14		28-Oct-14		28-Oct-14		4-Feb-15		4-May-15		13-Aug-15		1-Feb-16		2-May-16		9-Aug-16		9-Aug-16		14-Feb-17		14-Aug-17		1-Feb-18		9-Aug-18		10-Jun-19		10-Jun-19		19-Aug-20		19-Aug-20		8-Jun-12		20-May-13		28-May-14		2-Jul-14		7-Aug-14		29-Oct-14					
Sample ID			LI-RW-9-PI3		LI-RW9-PI6		LI-DUP-PI6		LI-RW-9-PI9		LI-RW-9-PI12		LI-RW-9-PI15		LI-RW-9-PS3		LI-RW-9-PS6		LI-RW-9-PS9		LI-DUP-PS9		LI-RW-9-PS15		LI-RW-9-PS21		LI-RW-9-PS22		LI-RW9-PS23		LI-RW9-PS41		LI-FD-PS41		LI-RW9-PS42		LI-FD-PS42		RW-12		LI-RW-12-GW1		LI-RW-12-PI1		LI-RW-12-PI2		LI-RW-12-PI3		LI-RW12-PI6					
Sampling Company			STANTEC		STANTEC		STANTEC		STANTEC		STANTEC		STANTEC		STANTEC		STANTEC		STANTEC		STANTEC		STANTEC		STANTEC		STANTEC		STANTEC		STANTEC		STANTEC		STANTEC		STANTEC		STANTEC		STANTEC		STANTEC											
Laboratory			PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH		PARAROCH											
Laboratory Work Order			143439		144730		144730		150382		151696		153411		160464		161713		163436		163436		170564		173804		180400		183674		192608		192608		203943		203943		203943		203943		203943											
Laboratory Sample ID			143439-08		144730-08		144730-13		150382-12		151696-08		153411-12		160464-04		161713-08		163436-08		163436-13		170564-08		173804-08		180400-08		183674-03		192608-07		192608-11		203943-07		203943-11		12:2431		E2301		142196		142794		143439-09		144730-09					
Sample Type							Field Duplicate												Field Duplicate												Field Duplicate		Field Duplicate																					
General Chemistry																																																						
Total Organic Carbon			µg/L		n/v		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		-		-		2.58		2.46		-		-		103,000		186,000		44,800		5,700	
Metals																																																						
Aluminum			µg/L		n/v		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Antimony			µg/L		3 ^A		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Arsenic			µg/L		25 ^A		10 U		10 U		10 U		10 U		10.0 U		10.0 UJ		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Barium			µg/L		1,000 ^A		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Beryllium			µg/L		3 ^B		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Cadmium			µg/L		5 ^A		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Calcium			µg/L		n/v		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Chromium			µg/L		50 ^A		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Cobalt			µg/L		n/v		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Copper			µg/L		200 ^A		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Iron			µg/L		300 ^A		86.4 J		100 U		100 U		68.3 J		76.5 J		118 J-		-		-		-		-		-		-		-		-		-		-		-		-		-		-									
Lead			µg/L		25 ^A		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Magnesium			µg/L		35,000 ^B		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Manganese			µg/L		300 ^A		220		153		161		284		214		691 J- ^A		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Mercury			µg/L		0.7 ^A		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Nickel			µg/L		100 ^A		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Potassium			µg/L		n/v		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Selenium			µg/L		10 ^A		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Silver			µg/L		50 ^A		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Sodium			µg/L		20,000 ^A		27,700 ^A		39,100 ^A		38,600 ^A		41,600 ^A		32,000 ^A		49,000 J- ^A		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Thallium			µg/L		0.5 ^B		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Vanadium			µg/L		n/v		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Zinc			µg/L		2,000 ^B		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Volatile Organic Compounds																																																						
Acetone			µg/L		50 ^B		10.0 U		10.0 U		10.0 U		10.0 UJ		10.0 U		10.0 UJ		10.0 UJ		10.0 UJ		10.0 UJ		10.0 UJ		10.0 UJ		10.0 UJ		10.0 UJ		10.0 UJ		10.0 UJ		10.0 UJ		10.0 UJ		10.0 UJ		10.0 UJ		10.0 UJ									
Benzene			µg/L		1 ^A		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 ^B		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		2.00 U		2.00 U		2.00 U		2.00 U		2.00 U		2.00 U									
Bromoform (Tribromomethane)			µg/L		50 ^B		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		5.00 U		5.00 U		5.00 U		5.00 U		5.00 U									
Bromomethane (Methyl bromide)			µg/L		5 ^A		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 UJ		2.00 UJ		2.00 UJ		2.00 UJ		2.00 UJ		2.00 UJ		2.00 UJ		2.00 UJ		2.00 UJ		2.00 UJ		2.00 UJ		2.00 UJ									
Butylbenzene, n-			µg/L		5 ^A		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-		-							
Butylbenzene, sec- (2-Phenylbutane																																																						

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

Area			Off-Site Locations																											
Sample Location			RW-9																		RW-12									
Sample Date	Sample ID	Sampling Company	7-Aug-14 LI-RW-9-PI3	28-Oct-14 LI-RW9-PI6	28-Oct-14 LI-DUP-PI6	4-Feb-15 LI-RW-9-PI9	4-May-15 LI-RW-9-PI12	13-Aug-15 LI-RW-9-PI15	1-Feb-16 LI-RW-9-PS3	2-May-16 LI-RW-9-PS6	9-Aug-16 LI-RW-9-PS9	9-Aug-16 LI-DUP-PS9	14-Feb-17 LI-RW-9-PS15	14-Aug-17 LI-RW-9-PS21	1-Feb-18 LI-RW-9-PS22	9-Aug-18 LI-RW9-PS23	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-P11 STANTEC	2-Jul-14 LI-RW-12-P12 STANTEC	7-Aug-14 LI-RW-12-P13 STANTEC	29-Oct-14 LI-RW12-P16 STANTEC				
Laboratory	Laboratory Work Order	Laboratory Sample ID	PARAROCH 143439	PARAROCH 144730	PARAROCH 144730	PARAROCH 150382	PARAROCH 151696	PARAROCH 153411	PARAROCH 160464	PARAROCH 161713	PARAROCH 163436	PARAROCH 163436	PARAROCH 170564	PARAROCH 173804	PARAROCH 180400	PARAROCH 183674	PARAROCH 192608	PARAROCH 192608	PARAROCH 203943	PARAROCH 203943	PARAROCH 12:2431	CCGE E2301	PARAROCH 142196	PARAROCH 142794	PARAROCH 143439	PARAROCH 144730				
Sample Type			143439-08	144730-08	Field Duplicate	150382-12	151696-08	153411-12	160464-04	161713-08	163436-08	Field Duplicate	170564-08	173804-08	180400-08	183674-03	192608-07	Field Duplicate	Field Duplicate	Field Duplicate	12:2431-02	E2301-04	142196-03	142794-14	143439-09	144730-09				
Volatile Organic Compounds (cont'd)																														
Methyl Acetate	µg/L	n/v	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 UJ	2.00 U	2.00 U	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				
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^B	10.0 U	10.0 UJ	10.0 UJ	10.0 UJ	10.0 UJ	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	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				
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	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	5.00 U	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				
Methyl tert-butyl ether (MTBE)	µg/L	10 ^B	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 UJ	2.00 U	2.00 U	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				
Methylcyclohexane	µg/L	n/v	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 UJ	2.00 U	2.00 U	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				
Methylene Chloride (Dichloromethane)	µg/L	5-- ^A	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	5.00 U	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				
Naphthalene	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Propylbenzene, n-	µg/L	5-- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Styrene	µg/L	5-- ^A	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	5.00 U	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				
Tetrachloroethane, 1,1,2,2-	µg/L	5-- ^A	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 UJ	2.00 U	2.00 U	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				
Tetrachloroethene (PCE)	µg/L	5-- ^A	3.20	3.28	3.40	2.67	2.13	4.48 J-	3.62	6.51 ^A	5.52 ^A	5.28 ^A	5.06 ^A	4.27 J-	2.69	6.41 ^A	3.32	3.78	3.59 J-	2.74 J-	2.71	4.9 J	5.52 ^A	4.37	2.78	4.74				
Toluene	µg/L	5-- ^A	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 UJ	2.00 U	2.00 U	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				
Trichlorobenzene, 1,2,3-	µg/L	5-- ^A	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	5.00 U	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				
Trichlorobenzene, 1,2,4-	µg/L	5-- ^A	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	5.00 U	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				
Trichloroethane, 1,1,1-	µg/L	5-- ^A	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 UJ	2.00 U	2.00 U	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				
Trichloroethane, 1,1,2-	µg/L	1 ^A	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 UJ	2.00 U	2.00 U	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				
Trichloroethene (TCE)	µg/L	5-- ^A	2.00 U	2.00 U	2.00 U	2.45	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 UJ	2.00 UJ	6.80 ^A	15 ^A	25.1 ^A	29.8 ^A	4.38	7.10 ^A				
Trichlorofluoromethane (Freon 11)	µg/L	5-- ^A	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 UJ	2.00 U	2.00 U	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				
Trichlorotrifluoroethane (Freon 113)	µg/L	5-- ^A	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 UJ	2.00 U	2.00 U	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				
Trimethylbenzene, 1,2,4-	µg/L	5-- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Trimethylbenzene, 1,3,5-	µg/L	5-- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Vinyl Chloride	µg/L	2 ^A	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 UJ	2.00 U	2.00 U	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 ^A	2.00 U				
Xylene, m & p-	µg/L	5-- ^A	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 UJ	2.00 U	2.00 U	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				
Xylene, o-	µg/L	5-- ^A	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 UJ	2.00 U	2.00 U	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				
Total VOC	µg/L	n/v	3.2	4.63	4.77	6.78	2.13	4.48 J-	3.62	6.51	5.52	5.28	5.06	4.27 J-	2.69	6.41	8.8	3.78	3.59 J-	2.74 J-	34.01	49	110.12	153.34	45.63	17.85				
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
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area			Off-Site Locations														QA/QC											
Sample Location																	Trip Blank											
Sample Date																												
Sample ID			4-Feb-15	4-May-15	12-Aug-15	1-Feb-16	1-Feb-16	RW-12			14-Aug-17	14-Aug-17	1-Feb-18	12-Jun-12	RW-13		27-Mar-14	12-Jun-12	20-May-13	21-May-13	27-Mar-14	Trip Blank		1-Jul-14	8-Aug-14	28-Oct-14		
Sampling Company			LI-RW-12-P19	LI-RW-12-P12	LI-RW-12-P15	LI-RW-12-PS3	LI-DUP-PS3	LI-RW-12-PS6	LI-RW-12-PS9	LI-RW-12-PS15	LI-RW-12-PS21	LI-FD-PS21	LI-RW-12-PS22	LI-RW-12-PS22	LI-RW-13	LI-RW-13-GW1	LI-RW-13	Trip Blank 7346	Trip Blank	Trip Blank	Trip Blank	LI-Trip Blank-P11	LI-TRIPBLANK-P12	Trip Blank (T-532)	Trip Blank (T-570)			
Laboratory			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC			
Laboratory Work Order			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	CCGE	CCGE	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH			
Laboratory Sample ID			150382	151696	153411	160464	160464	161713	163436	170564	173804	173804	180400	12:2486	12:2486-01	E2301	141138	12:2486	E2301	E2314	141138	142196	142794	143439	144730			
Sample Type			150382-08	151696-09	153411-08	160464-01	160464-13	161713-09	163436-09	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				
			Units	TOGS																								
General Chemistry																												
Total Organic Carbon			µg/L	n/v	33,900	6,200	3,200 J-	1,740	1,990	2,480	1,480	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 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Arsenic	µg/L	25 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Barium	µg/L	1,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Beryllium	µg/L	3 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Cadmium	µg/L	5 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Chromium	µg/L	50 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Copper	µg/L	200 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Iron	µg/L	300 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Lead	µg/L	25 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Magnesium	µg/L	35,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Manganese	µg/L	300 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Mercury	µg/L	0.7 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Nickel	µg/L	100 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Selenium	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Silver	µg/L	50 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Sodium	µg/L	20,000 ^A	167,000 ^A	213,000 ^A	155,000 J ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Thallium	µg/L	0.5 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Zinc	µg/L	2,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Volatile Organic Compounds																												
Acetone	µg/L	50 ^B	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.1 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 U	10.0 U			
Benzene	µg/L	1 ^A	1 U	1 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	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			
Bromodichloromethane	µg/L	50 ^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 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				
Bromoform (Tribromomethane)	µg/L	50 ^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 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 UJ	5.00 U	5.00 U				
Bromomethane (Methyl bromide)	µg/L	5 ^{-A}	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 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				
Butylbenzene, n-	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Butylbenzene, tert-	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Carbon Disulfide	µg/L	60 ^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 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				
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^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 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				
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^{-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 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				
Chlorobromomethane	µg/L	5 ^{-A}	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 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				
Chloroethane (Ethyl Chloride)	µg/L	5 ^{-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 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				
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	10.0 U R	-	-	10.0 U R	-	-	-	-	-	-	-				
Chloroform (Trichloromethane)	µg/L	7 ^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 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				
Chloromethane	µg/L	5 ^{-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 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				
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 U	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				
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^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 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				
Dibromochloromethane	µg/L	50 ^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 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				
Dichlorobenzene, 1,2-	µg/L	3 ^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 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				
Dichlorobenzene, 1,3-	µg/L	3 ^A																										

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

Area		Units	TOGS	Off-Site Locations													QA/QC										
Sample Location																	Trip Blank										
Sample Date				4-Feb-15	4-May-15	12-Aug-15	1-Feb-16	1-Feb-16	RW-12	9-Aug-16	14-Feb-17	14-Aug-17	14-Aug-17	1-Feb-18	12-Jun-12	RW-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		
Sample ID				LI-RW-12-PI9	LI-RW-12-PI12	LI-RW-12-PI15	LI-RW-12-PS3	LI-DUP-PS3	LI-RW-12-PS6	LI-RW-12-PS9	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)		
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC		
Laboratory				PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	CCGE	CCGE	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH		
Laboratory Work Order				150382	151696	153411	160464	160464	161713	163436	170564	173804	173804	180400	12:2486	E2301	141138	12:2486	E2301	E2314	141138	142196	142794	143439	144730		
Laboratory Sample ID		150382-08	151696-09	153411-08	160464-01	160464-13	161713-09	163436-09	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				
Sample Type						Field Duplicate					Field Duplicate					Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank				
Volatile Organic Compounds (cont'd)																											
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 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			
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^B	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	-	25 U	10.0 UJ	-	25 U	25 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 UJ			
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 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 U			
Methyl tert-butyl ether (MTBE)	µg/L	10 ^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 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			
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 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			
Methylene Chloride (Dichloromethane)	µg/L	5- ^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 UJ	5.00 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5 U	3.4 J	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U			
Naphthalene	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Propylbenzene, n-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Styrene	µg/L	5- ^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 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			
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^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 UJ	2.00 U	2.00 U	5 U	2.00 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			
Tetrachloroethene (PCE)	µg/L	5- ^A	7.82 ^A	2.79	6.13 J- ^A	1.68 J	1.83 J	1.68 J	2.76	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			
Toluene	µg/L	5- ^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 UJ	33.3 J- ^A	26.4 J- ^A	2.00 U	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U			
Trichlorobenzene, 1,2,3-	µg/L	5- ^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 UJ	5.00 U	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			
Trichlorobenzene, 1,2,4-	µg/L	5- ^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 UJ	5.00 U	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			
Trichloroethane, 1,1,1-	µg/L	5- ^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 UJ	2.00 U	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			
Trichloroethane, 1,1,2-	µg/L	1 ^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 UJ	2.00 U	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			
Trichloroethene (TCE)	µg/L	5- ^A	14.5 ^A	4.85	9.90 J- ^A	2.92	3.09	2.51	3.44	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			
Trichlorofluoromethane (Freon 11)	µg/L	5- ^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 UJ	2.00 U	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			
Trichlorotrifluoroethane (Freon 113)	µg/L	5- ^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 UJ	2.00 U	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			
Trimethylbenzene, 1,2,4-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Trimethylbenzene, 1,3,5-	µg/L	5- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Vinyl Chloride	µg/L	2 ^A	2.28 NJ ^A	2.00 U	1.49 J-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 U	2.00 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			
Xylene, m & p-	µg/L	5- ^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 UJ	2.00 U	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			
Xylene, o-	µg/L	5- ^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 UJ	2.00 U	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			
Total VOC	µg/L	n/v	45.5	12.88	26.99 J-	8.25	8.81	6.63	7.79	1.29	48.76 J-	37.32 J-	4.75	ND	3.79	2.00	ND	ND	3.4	ND	ND	ND	ND	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
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area			QA/QC														
			Sample Location	Trip Blank													
				3-Feb-15 LI-TRIPBLANK-PI9 (T-586)	4-May-15 Trip Blank (T-614)	12-Aug-15 Trip Blank (T-644)	1-Feb-16 Trip Blank T-691	2-May-16 Trip Blank (T-698)	9-Aug-16 Trip Blank (T-722)	13-Feb-17 Trip Blank	14-Aug-17 Trip Blank	2-Feb-18 Trip Blank	9-Aug-18 Trip Blank	28-May-19 Trip Blank T931	4-Aug-20 Trip Blank T996	13-Sep-21 Trip Blank T1066	
Sample Date	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC			
Sample ID	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH			
Sampling Company	150382	151696	153411	160464	161713	163436	170564	173804	180400	183674	192608	203943	214297				
Laboratory	150382-14	151696-14	153411-14	160464-14	161713-14	163436-14	170564-14	173804-14	180400-14	183674-12	192608-12	203943-12	214297-10				
Laboratory Work Order	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank				
Laboratory Sample ID																	
Sample Type	Units	TOGS															
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 ^A	-	-	-	-	-	-	-	-	-	-	-	-			
Arsenic	µg/L	25 ^A	-	-	-	-	-	-	-	-	-	-	-	-			
Barium	µg/L	1,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-			
Beryllium	µg/L	3 ^B	-	-	-	-	-	-	-	-	-	-	-	-			
Cadmium	µg/L	5 ^A	-	-	-	-	-	-	-	-	-	-	-	-			
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-			
Chromium	µg/L	50 ^A	-	-	-	-	-	-	-	-	-	-	-	-			
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-			
Copper	µg/L	200 ^A	-	-	-	-	-	-	-	-	-	-	-	-			
Iron	µg/L	300 ^A	-	-	-	-	-	-	-	-	-	-	-	-			
Lead	µg/L	25 ^A	-	-	-	-	-	-	-	-	-	-	-	-			
Magnesium	µg/L	35,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-			
Manganese	µg/L	300 ^A	-	-	-	-	-	-	-	-	-	-	-	-			
Mercury	µg/L	0.7 ^A	-	-	-	-	-	-	-	-	-	-	-	-			
Nickel	µg/L	100 ^A	-	-	-	-	-	-	-	-	-	-	-	-			
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-			
Selenium	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-			
Silver	µg/L	50 ^A	-	-	-	-	-	-	-	-	-	-	-	-			
Sodium	µg/L	20,000 ^A	-	-	-	-	-	-	-	-	-	-	-	-			
Thallium	µg/L	0.5 ^B	-	-	-	-	-	-	-	-	-	-	-	-			
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-			
Zinc	µg/L	2,000 ^B	-	-	-	-	-	-	-	-	-	-	-	-			
Volatile Organic Compounds																	
Acetone	µg/L	50 ^B	10.0 UJ	10.0 U	10.0 UJ	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			
Benzene	µg/L	1 ^A	1 U	1 U	1.00 UJ	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			
Bromodichloromethane	µg/L	50 ^B	2.00 U	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 UJ			
Bromoform (Tribromomethane)	µg/L	50 ^B	5.00 U	5.00 U	5.00 UJ	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			
Bromomethane (Methyl bromide)	µg/L	5 ^{-A}	2.00 U	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 UJ			
Butylbenzene, n-	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-			
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-			
Butylbenzene, tert-	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-			
Carbon Disulfide	µg/L	60 ^B	2.00 U	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 UJ			
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^A	2.00 U	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 UJ			
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^{-A}	2.00 U	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 UJ			
Chlorobromomethane	µg/L	5 ^{-A}	5.00 U	5.00 U	5.00 UJ	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			
Chloroethane (Ethyl Chloride)	µg/L	5 ^{-A}	2.00 U	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 UJ			
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-			
Chloroform (Trichloromethane)	µg/L	7 ^A	2.00 U	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 UJ			
Chloromethane	µg/L	5 ^{-A}	2.00 U	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 UJ			
Cyclohexane	µg/L	n/v	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 U	10.0 U	10.0 U	10.0 UJ			
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^A	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 U	10.0 U	10.0 U	10.0 UJ			
Dibromochloromethane	µg/L	50 ^B	2.00 U	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 UJ			
Dichlorobenzene, 1,2-	µg/L	3 ^A	2.00 U	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 UJ			
Dichlorobenzene, 1,3-	µg/L	3 ^A	2.00 U	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 UJ			
Dichlorobenzene, 1,4-	µg/L	3 ^A	2.00 U	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 UJ			
Dichlorodifluoromethane (Freon 12)	µg/L	5 ^{-A}	2.00 U	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 UJ			
Dichloroethane, 1,1-	µg/L	5 ^{-A}	2.00 U	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 UJ			
Dichloroethane, 1,2-	µg/L	0.6 ^A	2.00 U	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 UJ			
Dichloroethene, 1,1-	µg/L	5 ^{-A}	2.00 U	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 UJ			
Dichloroethene, cis-1,2-	µg/L	5 ^{-A}	2.00 U	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 UJ			
Dichloroethene, trans-1,2-	µg/L	5 ^{-A}	2.00 U	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 UJ			
Dichloropropane, 1,2-	µg/L	1 ^A	2.00 U	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 UJ			
Dichloropropene, cis-1,3-	µg/L	0.4 ^{-A}	2.00 U	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 UJ			
Dichloropropene, trans-1,3-	µg/L	0.4 ^{-A}	2.00 U	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 UJ			
Dioxane, 1,4-	µg/L	n/v	20.0 U	20.0 U	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	10.0 U R			
Ethylbenzene	µg/L	5 ^{-A}	2.00 U	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 UJ			
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006 ^A	2.00 U	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 UJ			
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50 ^B	5.00 U	5.00 U	5.00 UJ	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			
Isopropylbenzene	µg/L	5 ^{-A}	2.00 U	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 UJ			
Isopropyltoluene, p- (Cymene)	µg/L	5 ^{-A}	-	-	-	-	-	-	-	-	-	-	-	-			
See notes on last page.																	

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

Area			QA/QC												
Sample Location			Trip Blank												
Sample Date			3-Feb-15	4-May-15	12-Aug-15	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
Sample ID			LI-TRIPBLANK-P19 (T-586)	Trip Blank (T-614)	Trip Blank (T-644)	Trip Blank T-691	Trip Blank (T-698)	Trip Blank (T-722)	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank T931	Trip Blank T996	Trip Blank T1066
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			150382	151696	153411	160464	161713	163436	170564	173804	180400	183674	192608	203943	214297
Laboratory Sample ID			150382-14	151696-14	153411-14	160464-14	161713-14	163436-14	170564-14	173804-14	180400-14	183674-12	192608-12	203943-12	214297-10
Sample Type	Units	TOGS	Trip Blank	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 (cont'd)															
Methyl Acetate	µg/L	n/v	2.00 U	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 UJ	2.00 UJ
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50 ^B	10.0 UJ	10.0 U	10.0 UJ	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
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 U	5.00 U	5.00 UJ	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
Methyl tert-butyl ether (MTBE)	µg/L	10 ^B	2.00 U	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 UJ	2.00 UJ
Methylcyclohexane	µg/L	n/v	2.00 U	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 UJ	2.00 UJ
Methylene Chloride (Dichloromethane)	µg/L	5-- ^A	5.00 U	5.00 U	5.00 UJ	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
Naphthalene	µg/L	10 ^A	-	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5-- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5-- ^A	5.00 U	5.00 U	5.00 UJ	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
Tetrachloroethane, 1,1,2,2-	µg/L	5-- ^A	2.00 U	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 UJ	2.00 UJ
Tetrachloroethene (PCE)	µg/L	5-- ^A	2.00 U	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 UJ	2.00 UJ
Toluene	µg/L	5-- ^A	2.00 U	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 UJ	2.00 UJ
Trichlorobenzene, 1,2,3-	µg/L	5-- ^A	5.00 U	5.00 U	5.00 UJ	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
Trichlorobenzene, 1,2,4-	µg/L	5-- ^A	5.00 U	5.00 U	5.00 UJ	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
Trichloroethane, 1,1,1-	µg/L	5-- ^A	2.00 U	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 UJ	2.00 UJ
Trichloroethane, 1,1,2-	µg/L	1 ^A	2.00 U	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 UJ	2.00 UJ
Trichloroethene (TCE)	µg/L	5-- ^A	2.00 U	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 UJ	2.00 UJ
Trichlorofluoromethane (Freon 11)	µg/L	5-- ^A	2.00 U	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 UJ	2.00 UJ
Trichlorotrifluoroethane (Freon 113)	µg/L	5-- ^A	2.00 U	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 UJ	2.00 UJ
Trimethylbenzene, 1,2,4-	µg/L	5-- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5-- ^A	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2 ^A	2.00 U	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 UJ	2.00 UJ
Xylene, m & p-	µg/L	5-- ^A	2.00 U	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 UJ	2.00 UJ
Xylene, o-	µg/L	5-- ^A	2.00 U	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 UJ	2.00 UJ
Total VOC	µg/L	n/v	ND	ND	UJ-ND	UJND	ND	ND	ND	ND	ND	ND	ND	ND	ND J+
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
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	4.43	5.23	1.53	6.22	4.095	6.28	6.80
Dissolved Oxygen	mg/L	1.34	0.10	0.12	0.19	0.14	0.03	1.09	0.00	0.20	0.15	0.11	0.27	0.09	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	7.15	7.17	6.90	7.18	7.13	6.99	7.00	6.94	7.01	6.89	7.01	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	2-Jul-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	6.92	6.66	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
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	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
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	0.95	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
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
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
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
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
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
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

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
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	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
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	0.85	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
Dissolved Oxygen	mg/L	0.28	0.03	0.20	0.11	0.16	0.65	0.11	0.08	0.17	0.20	0.21	0.12	0.14	0.73	0.36	0.49	4.96	0.31	0.19
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
pH	S.U.	7.36	7.11	6.94	7.56	6.93	7.52	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
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
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
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

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	0.08	0.06	0.23	0.37	0.00	0.10	0.18	0.15	0.20	0.18	0.20	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	7.07	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	Volumetric ^d	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Volumetric	Volumetric	Volumetric ^f
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	
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	
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	
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	7.01	6.99	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-6																			
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	
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		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	
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	0.93	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	
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	1.31	0.18	0.37	1.23	0.11	0.08	0.10	
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	
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	7.07	6.95	7.22	6.92	7.01	7.69	
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	
Turbidity	NTU	7.08 ²	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	
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	

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	17.4	8.4	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 ^b	1.31	— ^c	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
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
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
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
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
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
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
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
	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

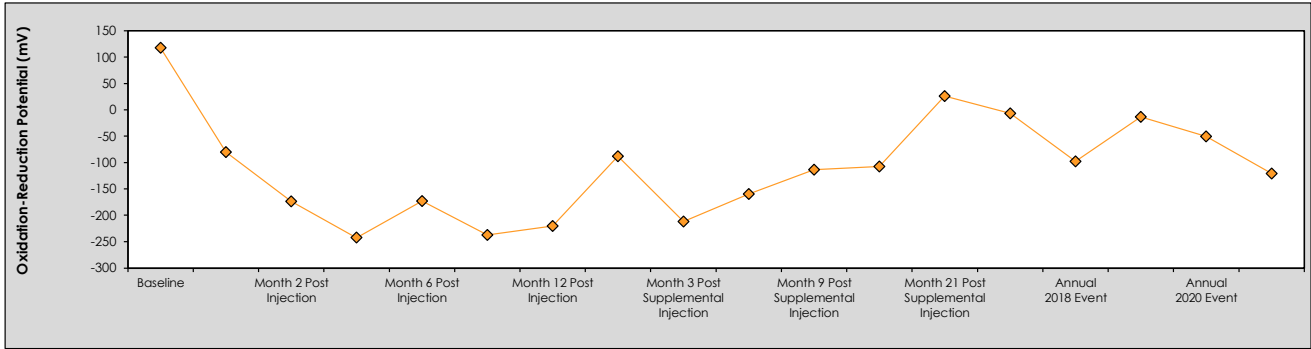


Table 4
Summary of Groundwater Elevations
Former Carriage Factory
33 Litchfield Street, Rochester, NY

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
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
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
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
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
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
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
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
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
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
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
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
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

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 suspect 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
01/06/15												
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				-0.010	-0.044	-0.075	-0.066	-0.116	-0.073			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 ⁶
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

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 hours 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		13-Aug-15		1-Dec-15	2-Feb-16		2-May-16	3-May-16	9-Aug-16	10-Aug-16	13-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	LI-EL-W31	
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	LI-EL-W31	
Sampling Company		County of	STANTEC	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	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	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	173674-02	
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	3.86	
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	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	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	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	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	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	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	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	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	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	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	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	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	3.86	

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

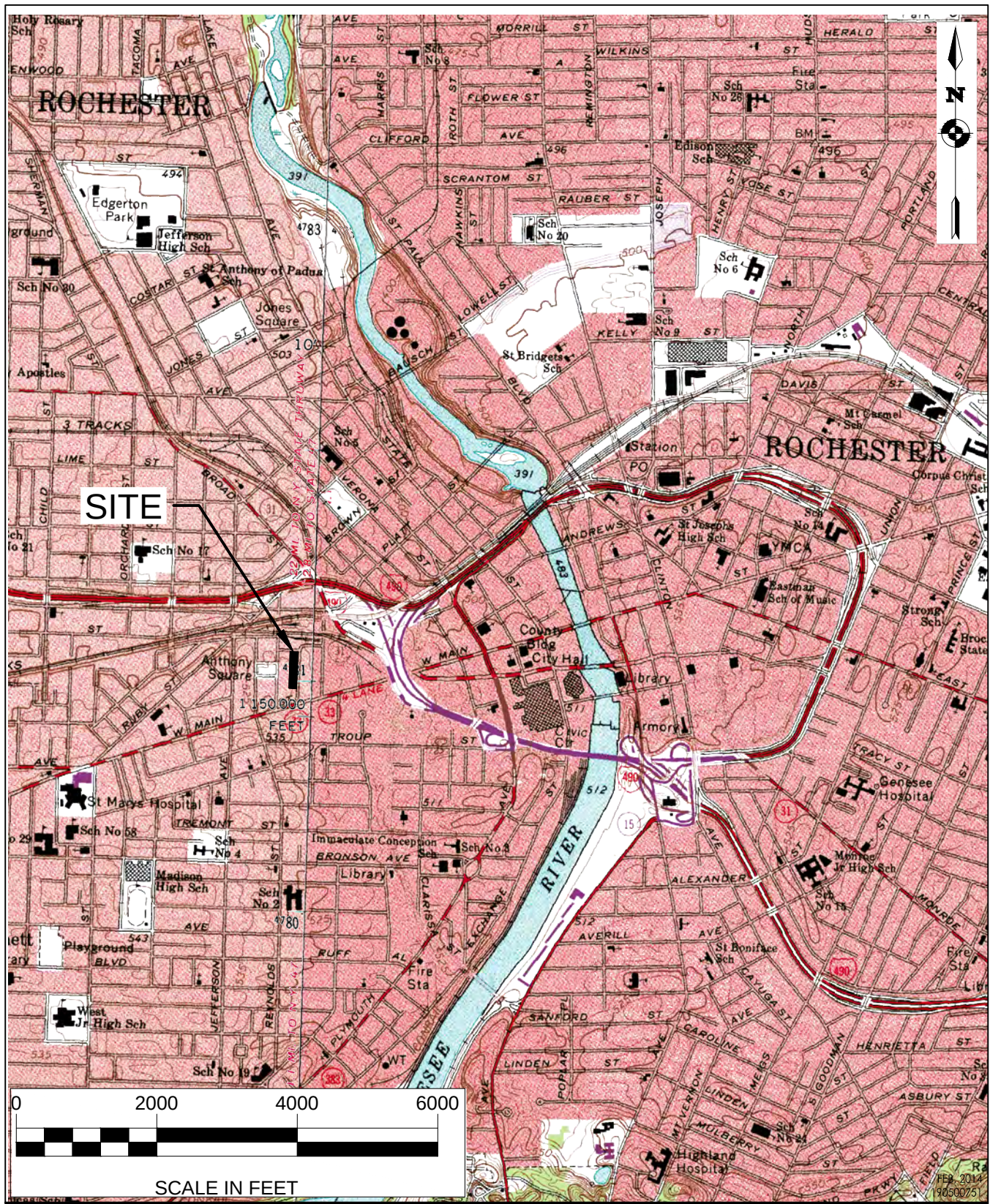
Sample Date			14-Nov-17	1-Feb-18	2-Feb-18	14-May-18	10-Aug-18	8-Feb-19	20-Feb-19	9-May-19	11-Jun-19	14-Aug-19	26-Nov-19	27-May-20	18-Aug-20	20-Aug-20	12-May-21	20-Sep-21	22-Sep-21	8-Dec-21	16-Feb-22
Sample Location			LI-EL-W32	LI-EL-W33	LI-EL-W34	LI-EL-W35	LI-EL-W36	LI-EL-W38	LI-EL-W38	LI-EL-W39	LI-EL-W40	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	LI-EL-W50
Sample ID			LI-EL-W32	LI-EL-W33	LI-EL-W34	LI-EL-W35	LI-EW-36	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	LI-EL-W50
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	175133	180390	180390	182055	183671	190524	190713	191994	192605	193927	195865	202246	203878	203944	212010	214223	214284	215526	220656
Laboratory Sample ID		Permit	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	220656-01
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	0.00250 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	0.00250 U
Copper	mg/L	3.0 ^A	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	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	0.00500 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	0.00500 U
Zinc	mg/L	5.0 ^A	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	0.0363
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	2.00 U	2.00 U	2.00 U	2.00 U	22.8	2.00 U	-	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	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	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	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	2.21	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	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	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	2.00 U
Total VOC	µg/L	2,130 ^A	ND	ND	ND	ND	29.12	ND	-	ND	10.62	ND	ND	ND	ND	17.67	ND	ND	20.57	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



Stantec
61 COMMERCIAL STREET
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

- 33 LITCHFIELD STREET BUILDING LIMITS
- LOCATIONS OF EXISTING GROUNDWATER MONITORING WELL
- B101-MW
MONITORING WELL LOCATION (APPROX)
- PROPERTY LINE
- SANITARY SEWER (SA MH=MANHOLE)

Notes

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

Revision By Appd. YY.MM.DD

ERD & GROUNDWATER WORK PLAN
Issued By Appd. YY.MM.DD

File Name: Dwn. Chkd. Dsgn. YY.MM.DD

Permit-Seal

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

Location proposed to
discontinue sampling

Location proposed to switch
to biennial sampling

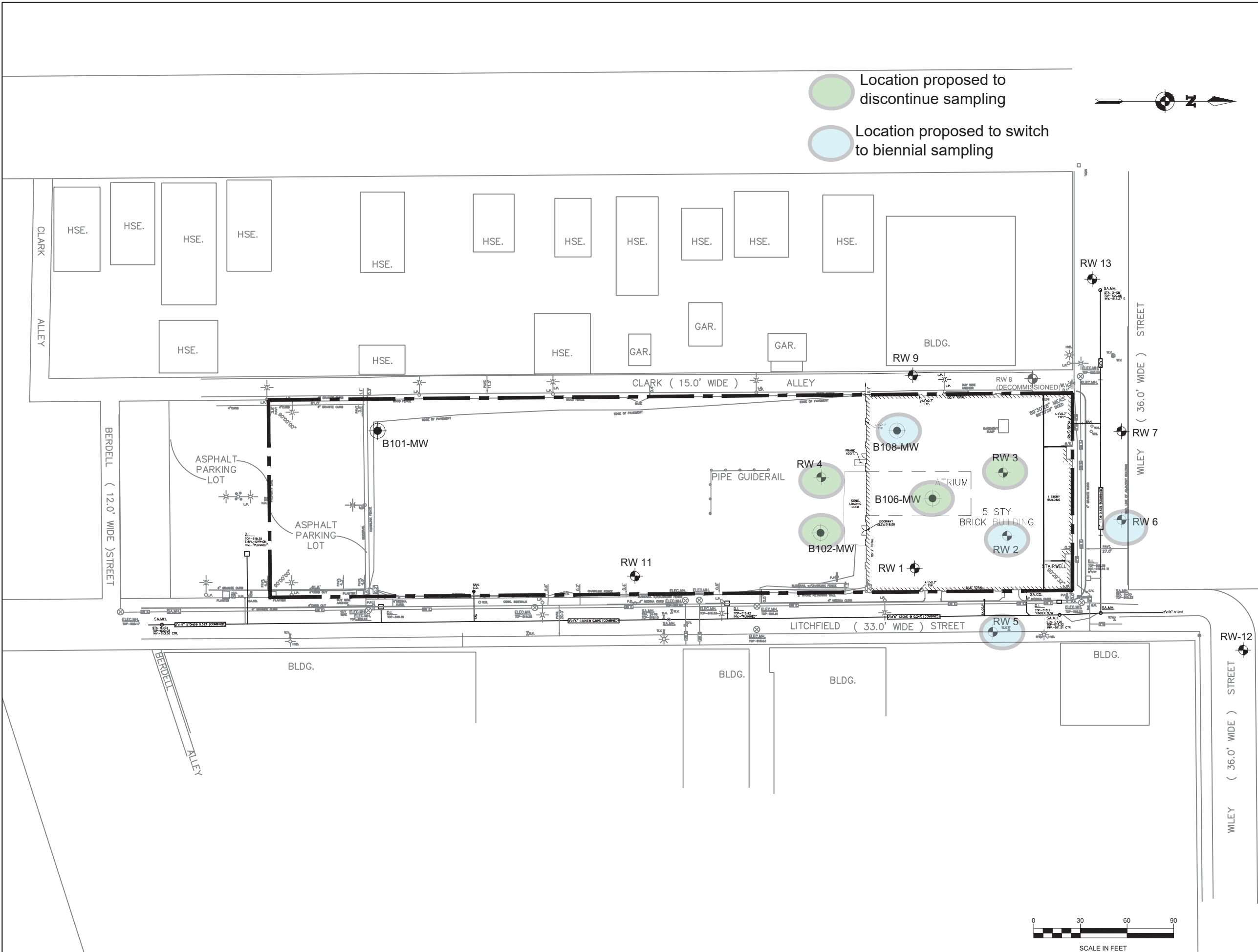
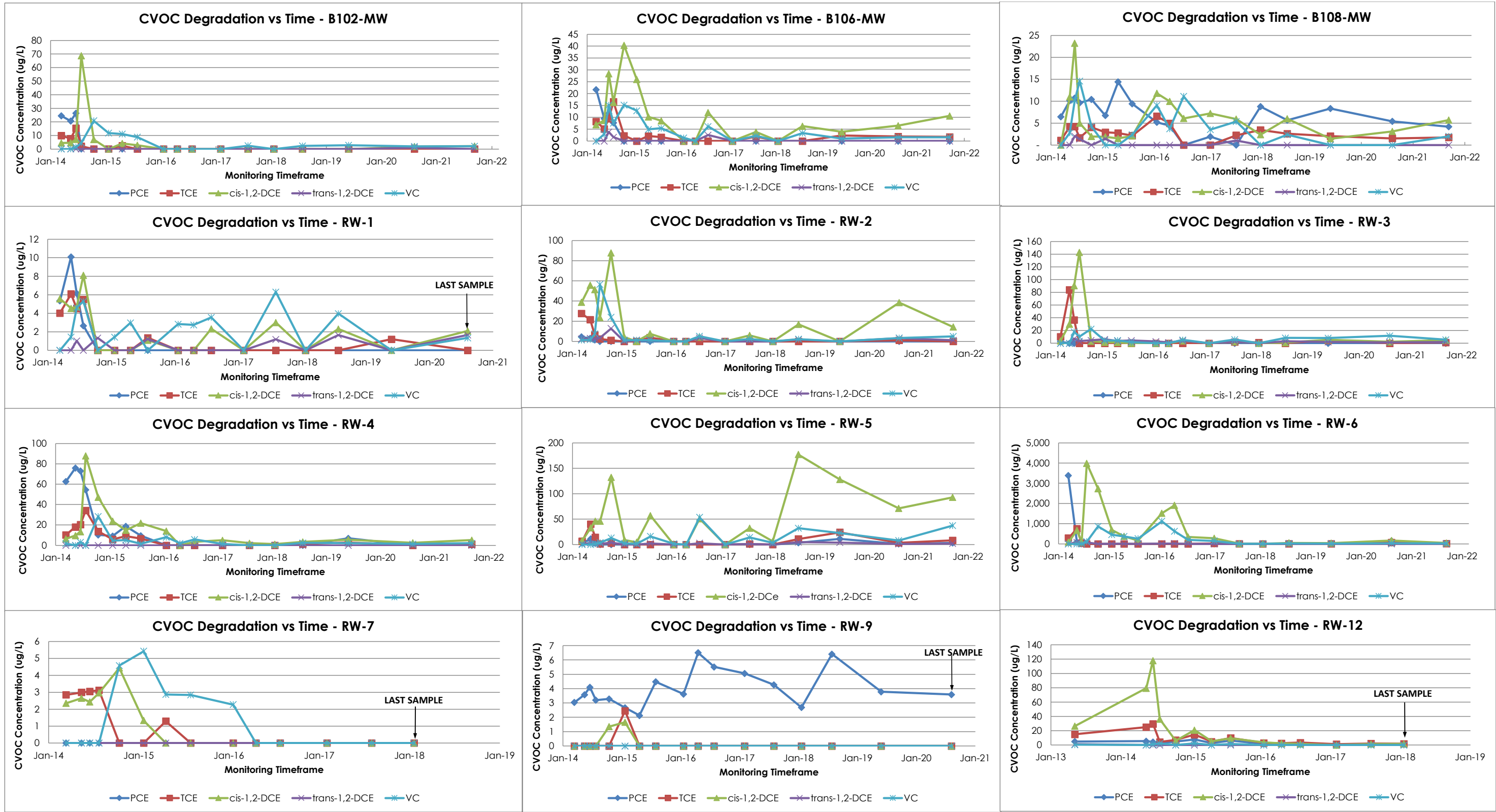


Figure 3
Summary of CVOC Degradation Over Time - All Wells
Former Carriage Factory
33 Litchfield Street, Rochester, NY





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Consultants

Legend



File Name:				
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

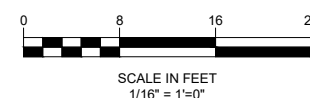
BROWNFIELD CLEANUP PROGRAM
FORMER CARRIAGE FACTORY
33 LITCHFIELD STREET, ROCHESTER, NY

Title

ANNUAL SSDS VACUUM
MONITORING, FEBRUARY 2022

Project No. 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, 2021 to March 16, 2022

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

4-4-2022
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
Rochester, New York
print name print business address

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



4-11-2022
Date

APPENDIX B

FIELD MONITORING LOGS



Monthly Monitoring-Sub-Slab Depressurization System

2021

Date	Name	Vacuum inches water column			Pilot light on			
		Fan 1	Fan 2	Fan 3	Fan 1	Fan 2	Fan 3	
1/2/21	Sunk	2.4	2.4	2.0	✓	✓	✓	
2/2/21	Sunk	2.4	2.4	2.0	✓	✓	✓	
3/10/21	Km	2.3	2.4	2.0	✓	✓	✓	
4/11/21	Km	2.4	2.3	2.0	✓	✓	✓	
5/12/21	Km	2.3	2.3	2.1	✓	✓	✓	
6/4/21	Sunk	2.2	2.3	2.0	✓	✓	✓	
7/28/21	Km	2.1	2.3	2.0	✓	✓	✓	
8/26/21	Km	2.1	2.2	2.0	✓	✓	✓	
9/20/21	Km	2.1	2.3	2.1	✓	✓	✓	
10/18/21	Km	2.2	2.3	2.1	✓	✓	✓	
11/30	Km	2.3	2.3	2.1	✓	✓	✓	
12/30	Sunk	2.3	2.3	2.1	✓	✓	✓	



Monthly monitoring – sub –slab depressurization system

[illegible]

APPENDIX C

LABORATORY ANALYTICAL REPORTS AND DUSR





PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

212010

Referencing

Carriage Factory

Prepared

Tuesday, May 25, 2021

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 read "R. R. Dool", is 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



Lab Project ID: 212010

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W46

Lab Sample ID: 212010-01

Date Sampled: 5/12/2021

Matrix: Groundwater

Date Received: 5/12/2021

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Cadmium	< 0.00250	mg/L		5/13/2021 15:51
Copper	< 0.0100	mg/L		5/13/2021 15:51
Lead	< 0.00500	mg/L		5/13/2021 15:51
Zinc	0.121	mg/L		5/13/2021 15:51

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

Preparation Date: 5/12/2021

Data File: 210513C

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/20/2021 19:55
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/20/2021 19:55
1,1,2-Trichloroethane	< 2.00	ug/L		5/20/2021 19:55
1,1-Dichloroethane	< 2.00	ug/L		5/20/2021 19:55
1,1-Dichloroethene	< 2.00	ug/L		5/20/2021 19:55
1,2-Dichlorobenzene	< 2.00	ug/L		5/20/2021 19:55
1,2-Dichloroethane	< 2.00	ug/L		5/20/2021 19:55
1,2-Dichloropropane	< 2.00	ug/L		5/20/2021 19:55
1,3-Dichlorobenzene	< 2.00	ug/L		5/20/2021 19:55
1,4-Dichlorobenzene	< 2.00	ug/L		5/20/2021 19:55
Bromodichloromethane	< 2.00	ug/L		5/20/2021 19:55
Bromoform	< 5.00	ug/L		5/20/2021 19:55
Bromomethane	< 2.00	ug/L		5/20/2021 19:55
Carbon Tetrachloride	< 2.00	ug/L		5/20/2021 19:55
Chlorobenzene	< 2.00	ug/L		5/20/2021 19:55
Chloroethane	< 2.00	ug/L		5/20/2021 19:55
Chloroform	< 2.00	ug/L		5/20/2021 19:55
Chloromethane	< 2.00	ug/L		5/20/2021 19:55

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: 212010

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W46

Lab Sample ID: 212010-01

Date Sampled: 5/12/2021

Matrix: Groundwater

Date Received: 5/12/2021

cis-1,2-Dichloroethene	< 2.00	ug/L	5/20/2021 19:55
cis-1,3-Dichloropropene	< 2.00	ug/L	5/20/2021 19:55
Dibromochloromethane	< 2.00	ug/L	5/20/2021 19:55
Methylene chloride	< 5.00	ug/L	5/20/2021 19:55
Tetrachloroethene	< 2.00	ug/L	5/20/2021 19:55
trans-1,2-Dichloroethene	< 2.00	ug/L	5/20/2021 19:55
trans-1,3-Dichloropropene	< 2.00	ug/L	5/20/2021 19:55
Trichloroethene	< 2.00	ug/L	5/20/2021 19:55
Trichlorofluoromethane	< 2.00	ug/L	5/20/2021 19:55
Vinyl chloride	< 2.00	ug/L	5/20/2021 19:55

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	96.9	64 - 142		5/20/2021 19:55
4-Bromofluorobenzene	94.0	37.2 - 146		5/20/2021 19:55
Pentafluorobenzene	98.2	91.4 - 114		5/20/2021 19:55
Toluene-D8	93.7	73.1 - 120		5/20/2021 19:55

Method Reference(s): EPA 624.1
EPA 5030C
Data File: z01761.D



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.

"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.

Report Prepared Tuesday, May 25, 2021



CHAIN OF CUSTODY

[illegible]

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

Dan Allen *[Signature]* 5/12/21 09:30 AM
 Sampled By Date/Time
Menabellus 5/12/21 10:14 AM
 Relinquished By Date/Time
[Signature] 5/12/21 10:14
 Received By Date/Time
 2P2 5/12/21 10:43
 Received @ Lab By Date/Time
 13 °C ciced started in field 5/12/21 10:17

Total Cost:

P.I.F.

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



2 of 2

Chain of Custody Supplement

Client: StantecCompleted by: Glenn PezzuloLab Project ID: 212010Date: 5/12/21

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)	☒ vof	☐	☒
Comments			
Preservation	☒	☐	☐
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☒	☐	☒
Comments	VOA 624: Cl neg.		
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☒ metals
Comments	13°C iced started in field		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

214223

Referencing

Carriage Factory

Prepared

Thursday, September 23, 2021

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 blue ink, appearing to be "SW", is 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 Thursday, September 23, 2021

Page 1 of 7



Lab Project ID: 214223

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W47

Lab Sample ID: 214223-01

Date Sampled: 9/20/2021

Matrix: Groundwater

Date Received: 9/20/2021

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Cadmium	< 0.00250	mg/L		9/21/2021 15:31
Copper	< 0.0100	mg/L		9/21/2021 15:31
Lead	< 0.00500	mg/L		9/21/2021 15:31
Zinc	< 0.0300	mg/L		9/21/2021 15:31

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

Preparation Date: 9/20/2021

Data File: 210921C

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		9/21/2021 13:58
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/21/2021 13:58
1,1,2-Trichloroethane	< 2.00	ug/L		9/21/2021 13:58
1,1-Dichloroethane	< 2.00	ug/L		9/21/2021 13:58
1,1-Dichloroethene	< 2.00	ug/L		9/21/2021 13:58
1,2-Dichlorobenzene	< 2.00	ug/L		9/21/2021 13:58
1,2-Dichloroethane	< 2.00	ug/L		9/21/2021 13:58
1,2-Dichloropropane	< 2.00	ug/L		9/21/2021 13:58
1,3-Dichlorobenzene	< 2.00	ug/L		9/21/2021 13:58
1,4-Dichlorobenzene	< 2.00	ug/L		9/21/2021 13:58
Bromodichloromethane	< 2.00	ug/L		9/21/2021 13:58
Bromoform	< 5.00	ug/L		9/21/2021 13:58
Bromomethane	< 2.00	ug/L		9/21/2021 13:58
Carbon Tetrachloride	< 2.00	ug/L		9/21/2021 13:58
Chlorobenzene	< 2.00	ug/L		9/21/2021 13:58
Chloroethane	< 2.00	ug/L		9/21/2021 13:58
Chloroform	< 2.00	ug/L		9/21/2021 13:58
Chloromethane	< 2.00	ug/L		9/21/2021 13:58

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: 214223

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W47

Lab Sample ID: 214223-01

Date Sampled: 9/20/2021

Matrix: Groundwater

Date Received: 9/20/2021

cis-1,2-Dichloroethene	< 2.00	ug/L	9/21/2021 13:58
cis-1,3-Dichloropropene	< 2.00	ug/L	9/21/2021 13:58
Dibromochloromethane	< 2.00	ug/L	9/21/2021 13:58
Methylene chloride	< 5.00	ug/L	9/21/2021 13:58
Tetrachloroethene	< 2.00	ug/L	9/21/2021 13:58
trans-1,2-Dichloroethene	< 2.00	ug/L	9/21/2021 13:58
trans-1,3-Dichloropropene	< 2.00	ug/L	9/21/2021 13:58
Trichloroethene	< 2.00	ug/L	9/21/2021 13:58
Trichlorofluoromethane	< 2.00	ug/L	9/21/2021 13:58
Vinyl chloride	< 2.00	ug/L	9/21/2021 13:58

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	135	83 - 120	*	9/21/2021 13:58
4-Bromofluorobenzene	120	65.5 - 118	*	9/21/2021 13:58
Pentafluorobenzene	129	91.2 - 109	*	9/21/2021 13:58
Toluene-D8	121	79.7 - 112	*	9/21/2021 13:58

Method Reference(s): EPA 624.1
EPA 5030C
Data File: z04193.D



Analytical Report Appendix

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

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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.

"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.

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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.

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Sample Handling.

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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.

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Law.

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

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12°C ice started in
field on 9/20/21 1120

Kate Audino <i>[Signature]</i>	9/20/2021	0930	Total Cost:	
Sampled By	Date/Time			
Kate Audino <i>[Signature]</i>	9/20/2021	1118	P.I.F.	
Relinquished By	Date/Time			
<i>[Signature]</i>	9/20/21	11:18		
Received By	Date/Time			
<i>[Signature]</i>	9/20/21	1123		
Received @ Lab By	Date/Time			

See additional page for sample conditions.

2082



Chain of Custody Supplement

Client: StanterCompleted by: MolykailLab Project ID: 214223Date: 9/20/21

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)	☒	☐	☒
Comments			
Preservation	☒	☐	☐
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☒	☐	☒
Comments	<u>VOA : Cl⁻ neg</u>		
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☒
Comments	<u>12°C and started in field</u>		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

215526

Referencing

Carriage Factory

Prepared

Wednesday, December 22, 2021

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 blue ink, reading "K. R. Hansen", is positioned above a horizontal line. The signature is written in a cursive style with a large, stylized "K" and "H".

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, December 22, 2021

Page 1 of 7

Lab Project ID: 215526

Client: Stantec
Project Reference: Carriage Factory

Sample Identifier: LI-EL-W49

Lab Sample ID: 215526-01

Date Sampled: 12/8/2021

Matrix: Groundwater

Date Received: 12/8/2021

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Cadmium	< 0.00250	mg/L		12/9/2021 21:44
Copper	< 0.0100	mg/L		12/9/2021 21:44
Lead	< 0.00500	mg/L		12/9/2021 21:44
Zinc	< 0.0300	mg/L		12/9/2021 21:44

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

Preparation Date: 12/8/2021

Data File: 211209C

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		12/21/2021 13:00
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		12/21/2021 13:00
1,1,2-Trichloroethane	< 2.00	ug/L		12/21/2021 13:00
1,1-Dichloroethane	< 2.00	ug/L		12/21/2021 13:00
1,1-Dichloroethene	< 2.00	ug/L		12/21/2021 13:00
1,2-Dichlorobenzene	< 2.00	ug/L		12/21/2021 13:00
1,2-Dichloroethane	< 2.00	ug/L		12/21/2021 13:00
1,2-Dichloropropane	< 2.00	ug/L		12/21/2021 13:00
1,3-Dichlorobenzene	< 2.00	ug/L		12/21/2021 13:00
1,4-Dichlorobenzene	< 2.00	ug/L		12/21/2021 13:00
Bromodichloromethane	< 2.00	ug/L		12/21/2021 13:00
Bromoform	< 5.00	ug/L		12/21/2021 13:00
Bromomethane	< 2.00	ug/L		12/21/2021 13:00
Carbon Tetrachloride	< 2.00	ug/L		12/21/2021 13:00
Chlorobenzene	< 2.00	ug/L		12/21/2021 13:00
Chloroethane	< 2.00	ug/L		12/21/2021 13:00
Chloroform	< 2.00	ug/L		12/21/2021 13:00
Chloromethane	< 2.00	ug/L		12/21/2021 13:00

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: 215526

Client: Stantec

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W49

Lab Sample ID: 215526-01

Date Sampled: 12/8/2021

Matrix: Groundwater

Date Received: 12/8/2021

cis-1,2-Dichloroethene	< 2.00	ug/L	12/21/2021 13:00
cis-1,3-Dichloropropene	< 2.00	ug/L	12/21/2021 13:00
Dibromochloromethane	< 2.00	ug/L	12/21/2021 13:00
Methylene chloride	< 5.00	ug/L	12/21/2021 13:00
Tetrachloroethene	< 2.00	ug/L	12/21/2021 13:00
trans-1,2-Dichloroethene	< 2.00	ug/L	12/21/2021 13:00
trans-1,3-Dichloropropene	< 2.00	ug/L	12/21/2021 13:00
Trichloroethene	< 2.00	ug/L	12/21/2021 13:00
Trichlorofluoromethane	< 2.00	ug/L	12/21/2021 13:00
Vinyl chloride	< 2.00	ug/L	12/21/2021 13:00

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	128	77.9 - 132		12/21/2021 13:00
4-Bromofluorobenzene	104	62.6 - 133		12/21/2021 13:00
Pentafluorobenzene	131	88.9 - 114	*	12/21/2021 13:00
Toluene-D8	124	75.6 - 117	*	12/21/2021 13:00

Method Reference(s): EPA 624.1
EPA 5030C
Data File: z06214.D



Analytical Report Appendix

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

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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.

"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.

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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.

[illegible]

Kate Audino	12/08/2021	0900	
Sampled By	Date/Time	Total Cost:	
Kate Audino	12/08/2021	1043	
Relinquished By	Date/Time		
2/12/21	12/18/21	12:13	
Received By	Date/Time	P.I.F.	
2/12/21	12/18/21	11:20	



2 of 2

Chain of Custody SupplementClient: StantecCompleted by: Glen PezzuloLab Project ID: 215526Date: 12/8/21**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	☒	☐	☐
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☒	☐	☒
Comments	VoA 624: Cl ⁻ neg.		
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☒ Metals
Comments	9°C iced started in field		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

220656

Referencing

190500751 Carriage Factory

Prepared

Tuesday, March 1, 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 blue ink, appearing to read "K. Hansen", 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

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Report Prepared Tuesday, March 1, 2022

Page 1 of 7



Client: **Stantec**

Project Reference: 190500751 Carriage Factory

Sample Identifier: LI-EL-W50

Lab Sample ID: 220656-01

Date Sampled: 2/16/2022 9:25

Matrix: Groundwater

Date Received 2/16/2022

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Cadmium	< 0.00250	mg/L		2/17/2022 14:21
Copper	< 0.0100	mg/L		2/17/2022 14:21
Lead	< 0.00500	mg/L		2/17/2022 14:21
Zinc	0.0363	mg/L		2/17/2022 14:21

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

Preparation Date: 2/16/2022

Data File: 220217B

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/17/2022 20:09
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/17/2022 20:09
1,1,2-Trichloroethane	< 2.00	ug/L		2/17/2022 20:09
1,1-Dichloroethane	< 2.00	ug/L		2/17/2022 20:09
1,1-Dichloroethene	< 2.00	ug/L		2/17/2022 20:09
1,2-Dichlorobenzene	< 2.00	ug/L		2/17/2022 20:09
1,2-Dichloroethane	< 2.00	ug/L		2/17/2022 20:09
1,2-Dichloropropane	< 2.00	ug/L		2/17/2022 20:09
1,3-Dichlorobenzene	< 2.00	ug/L		2/17/2022 20:09
1,4-Dichlorobenzene	< 2.00	ug/L		2/17/2022 20:09
Bromodichloromethane	< 2.00	ug/L		2/17/2022 20:09
Bromoform	< 5.00	ug/L		2/17/2022 20:09
Bromomethane	< 2.00	ug/L		2/17/2022 20:09
Carbon Tetrachloride	< 2.00	ug/L		2/17/2022 20:09
Chlorobenzene	< 2.00	ug/L		2/17/2022 20:09
Chloroethane	< 2.00	ug/L		2/17/2022 20:09
Chloroform	< 2.00	ug/L		2/17/2022 20:09
Chloromethane	< 2.00	ug/L		2/17/2022 20:09



Lab Project ID: 220656

Client: **Stantec**

Project Reference: 190500751 Carriage Factory

Sample Identifier: LI-EL-W50

Lab Sample ID: 220656-01

Date Sampled: 2/16/2022 9:25

Matrix: Groundwater

Date Received 2/16/2022

cis-1,2-Dichloroethene	< 2.00	ug/L	2/17/2022 20:09
cis-1,3-Dichloropropene	< 2.00	ug/L	2/17/2022 20:09
Dibromochloromethane	< 2.00	ug/L	2/17/2022 20:09
Methylene chloride	< 5.00	ug/L	2/17/2022 20:09
Tetrachloroethene	< 2.00	ug/L	2/17/2022 20:09
trans-1,2-Dichloroethene	< 2.00	ug/L	2/17/2022 20:09
trans-1,3-Dichloropropene	< 2.00	ug/L	2/17/2022 20:09
Trichloroethene	< 2.00	ug/L	2/17/2022 20:09
Trichlorofluoromethane	< 2.00	ug/L	2/17/2022 20:09
Vinyl chloride	< 2.00	ug/L	2/17/2022 20:09

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	121	77.9 - 132		2/17/2022 20:09
4-Bromofluorobenzene	97.5	62.6 - 133		2/17/2022 20:09
Pentafluorobenzene	111	88.9 - 114		2/17/2022 20:09
Toluene-D8	118	75.6 - 117	*	2/17/2022 20:09

Method Reference(s): EPA 624.1
EPA 5030C
Data File: z07345.D



Analytical Report Appendix

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

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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.

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"" = 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.

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Warranty.

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Limitations of Liability.

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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.

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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.

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PUBLICATIONS, INC.

Page 6 of 7

Sampled By	<i>Joe</i>	Date/Time	<i>2/16/22 09:25</i>
Relinquished By	<i>Joe</i>	Date/Time	<i>2/16/22 11:35</i>
Received By	<i>Joe</i>	Date/Time	<i>2/16/22 11:05</i>
Received @ Lab By	<i>Joe</i>	Date/Time	<i>2/16/22 11:07</i>

90°C tested & stored in Field 2/16/22 11:07

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

Total Cost:

P.I.F. ☐



2 of 2

Chain of Custody SupplementClient: StantecCompleted by: Glenn PezzulloLab Project ID: 220656Date: 2/16/22**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	☒	☐	☐
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☒	☐	☒
Comments	vOA 624: Cl ⁻ neg.		
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☒ metals
Comments	9°C iced started in field		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

214284

Referencing

Carriage Factory

Prepared

Wednesday, October 6, 2021

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 read "R. R. D. Oil", is 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



Lab Project ID: 214284

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W48

Lab Sample ID: 214284-01

Date Sampled: 9/22/2021

Matrix: Groundwater

Date Received: 9/23/2021

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Cadmium	< 0.00250	mg/L		9/27/2021 10:42
Copper	< 0.0100	mg/L		9/27/2021 10:42
Lead	< 0.00500	mg/L		9/27/2021 10:42
Zinc	< 0.0300	mg/L		9/27/2021 10:42

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

Preparation Date: 9/24/2021

Data File: 210927A

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		10/5/2021 14:41
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		10/5/2021 14:41
1,1,2-Trichloroethane	< 2.00	ug/L		10/5/2021 14:41
1,1-Dichloroethane	< 2.00	ug/L		10/5/2021 14:41
1,1-Dichloroethene	< 2.00	ug/L		10/5/2021 14:41
1,2-Dichlorobenzene	< 2.00	ug/L		10/5/2021 14:41
1,2-Dichloroethane	< 2.00	ug/L		10/5/2021 14:41
1,2-Dichloropropane	< 2.00	ug/L		10/5/2021 14:41
1,3-Dichlorobenzene	< 2.00	ug/L		10/5/2021 14:41
1,4-Dichlorobenzene	< 2.00	ug/L		10/5/2021 14:41
Bromodichloromethane	< 2.00	ug/L		10/5/2021 14:41
Bromoform	< 5.00	ug/L		10/5/2021 14:41
Bromomethane	< 2.00	ug/L		10/5/2021 14:41
Carbon Tetrachloride	< 2.00	ug/L		10/5/2021 14:41
Chlorobenzene	< 2.00	ug/L		10/5/2021 14:41
Chloroethane	< 2.00	ug/L		10/5/2021 14:41
Chloroform	< 2.00	ug/L		10/5/2021 14:41
Chloromethane	< 2.00	ug/L		10/5/2021 14:41

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: 214284

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W48

Lab Sample ID: 214284-01

Date Sampled: 9/22/2021

Matrix: Groundwater

Date Received: 9/23/2021

cis-1,2-Dichloroethene	18.1	ug/L	10/5/2021 14:41
cis-1,3-Dichloropropene	< 2.00	ug/L	10/5/2021 14:41
Dibromochloromethane	< 2.00	ug/L	10/5/2021 14:41
Methylene chloride	< 5.00	ug/L	10/5/2021 14:41
Tetrachloroethene	< 2.00	ug/L	10/5/2021 14:41
trans-1,2-Dichloroethene	< 2.00	ug/L	10/5/2021 14:41
trans-1,3-Dichloropropene	< 2.00	ug/L	10/5/2021 14:41
Trichloroethene	< 2.00	ug/L	10/5/2021 14:41
Trichlorofluoromethane	< 2.00	ug/L	10/5/2021 14:41
Vinyl chloride	2.47	ug/L	10/5/2021 14:41

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	100	83 - 120		10/5/2021 14:41
4-Bromofluorobenzene	101	65.5 - 118		10/5/2021 14:41
Pentafluorobenzene	97.4	91.2 - 109		10/5/2021 14:41
Toluene-D8	85.7	79.7 - 112		10/5/2021 14:41

Method Reference(s): EPA 624.1
EPA 5030C
Data File: z04483.D



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.

"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.

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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.

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CHAIN OF CUSTODY

1 of 2

REPORT TO:				INVOICE TO:				LAB PROJECT ID																			
CLIENT: <u>Stantec</u>				CLIENT: <u>Same</u>				LAB PROJECT ID: <u>214284</u>																			
ADDRESS: <u>61 Commercial Street</u>				ADDRESS:				Quotation #:																			
CITY: <u>Rochester</u>		STATE: <u>NY</u>		CITY:		STATE:		ZIP:		Email:																	
PHONE: <u>585-413-5266</u>				PHONE:				Email: <u>Laura.Best@stantec.com</u>																			
ATTN: <u>Laura Best</u>				ATTN: <u>Laura Best Laura.Best@stantec.com</u>				Email: <u>Laura.Best@stantec.com</u>																			
Matrix Codes:				Matrix Codes:				Matrix Codes:																			
AQ - Aqueous Liquid				WA - Water				DW - Drinking Water				SO - Soil				SD - Solid				WP - Wipe				OL - Oil			
NQ - Non-Aqueous Liquid				WG - Groundwater				WW - Wastewater				SL - Sludge				PT - Paint				CK - Caulk				AR - Air			
PROJECT REFERENCE												REQUESTED ANALYSIS															
Carnage Factory																											
DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX	CONTAINERS	HAZARDOUS	PCB	PCP	PCB	PCP	PCB	PCP	PCB	PCP	PCB	PCP	PCB	PCP	PCB	PCP	REMARKS	PARADIGM LAB SAMPLE NUMBER				
9/22/2021	1345	X		LI-EL-W48	WG	3	X	X															01				

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	☒
please indicate date needed:		please indicate package needed:	
		None required	stantec

Sampled By: [Signature] Date/Time: 9/22/2021
 Relinquished By: [Signature] Date/Time: 9/22/2021 1450
 Received By: Emily Fournier Date/Time: 9/22/2021 1455
 Received @ Lab By: [Signature] Date/Time: 9/23/21 10:46
 14°Ciced started in field 9/22/21 15:50

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



Chain of Custody Supplement

Client: StantecCompleted by: Glenn PezzuloLab Project ID: 214284Date: 9/23/21

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)	☐	☐	☒
Comments	<u>VOA 624: Cl Neg</u>		
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☒ metals
Comments	<u>14°C iced started in field</u>		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW2-Annual 2021

Lab Sample ID: 214297-01

Date Sampled: 9/22/2021

Matrix: Groundwater

Date Received: 9/23/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		9/29/2021 16:39
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/29/2021 16:39
1,1,2-Trichloroethane	< 2.00	ug/L		9/29/2021 16:39
1,1-Dichloroethane	< 2.00	ug/L		9/29/2021 16:39
1,1-Dichloroethene	< 2.00	ug/L		9/29/2021 16:39
1,2,3-Trichlorobenzene	< 5.00	ug/L		9/29/2021 16:39
1,2,4-Trichlorobenzene	< 5.00	ug/L		9/29/2021 16:39
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		9/29/2021 16:39
1,2-Dibromoethane	< 2.00	ug/L		9/29/2021 16:39
1,2-Dichlorobenzene	< 2.00	ug/L		9/29/2021 16:39
1,2-Dichloroethane	< 2.00	ug/L		9/29/2021 16:39
1,2-Dichloropropane	< 2.00	ug/L		9/29/2021 16:39
1,3-Dichlorobenzene	< 2.00	ug/L		9/29/2021 16:39
1,4-Dichlorobenzene	< 2.00	ug/L		9/29/2021 16:39
1,4-Dioxane	< 10.0	ug/L		9/29/2021 16:39
2-Butanone	< 10.0	ug/L		9/29/2021 16:39
2-Hexanone	< 5.00	ug/L		9/29/2021 16:39
4-Methyl-2-pentanone	< 5.00	ug/L		9/29/2021 16:39
Acetone	< 10.0	ug/L		9/29/2021 16:39
Benzene	< 1.00	ug/L		9/29/2021 16:39
Bromochloromethane	< 5.00	ug/L		9/29/2021 16:39
Bromodichloromethane	< 2.00	ug/L		9/29/2021 16:39
Bromoform	< 5.00	ug/L		9/29/2021 16:39

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW2-Annual 2021			Date Sampled:	9/22/2021
Lab Sample ID:	214297-01			Date Received:	9/23/2021
Matrix:	Groundwater				
Bromomethane	< 2.00	ug/L		9/29/2021	16:39
Carbon disulfide	< 2.00	ug/L		9/29/2021	16:39
Carbon Tetrachloride	< 2.00	ug/L		9/29/2021	16:39
Chlorobenzene	< 2.00	ug/L		9/29/2021	16:39
Chloroethane	< 2.00	ug/L		9/29/2021	16:39
Chloroform	< 2.00	ug/L		9/29/2021	16:39
Chloromethane	< 2.00	ug/L		9/29/2021	16:39
cis-1,2-Dichloroethene	14.2	ug/L		9/29/2021	16:39
cis-1,3-Dichloropropene	< 2.00	ug/L		9/29/2021	16:39
Cyclohexane	< 10.0	ug/L		9/29/2021	16:39
Dibromochloromethane	< 2.00	ug/L		9/29/2021	16:39
Dichlorodifluoromethane	< 2.00	ug/L		9/29/2021	16:39
Ethylbenzene	< 2.00	ug/L		9/29/2021	16:39
Freon 113	< 2.00	ug/L		9/29/2021	16:39
Isopropylbenzene	< 2.00	ug/L		9/29/2021	16:39
m,p-Xylene	< 2.00	ug/L		9/29/2021	16:39
Methyl acetate	< 2.00	ug/L		9/29/2021	16:39
Methyl tert-butyl Ether	< 2.00	ug/L		9/29/2021	16:39
Methylcyclohexane	< 2.00	ug/L		9/29/2021	16:39
Methylene chloride	< 5.00	ug/L		9/29/2021	16:39
o-Xylene	< 2.00	ug/L		9/29/2021	16:39
Styrene	< 5.00	ug/L		9/29/2021	16:39
Tetrachloroethene	< 2.00	ug/L		9/29/2021	16:39
Toluene	< 2.00	ug/L		9/29/2021	16:39
trans-1,2-Dichloroethene	1.04	ug/L	J	9/29/2021	16:39

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW2-Annual 2021

Lab Sample ID: 214297-01

Date Sampled: 9/22/2021

Matrix: Groundwater

Date Received: 9/23/2021

trans-1,3-Dichloropropene	< 2.00	ug/L	9/29/2021 16:39
Trichloroethene	< 2.00	ug/L	9/29/2021 16:39
Trichlorofluoromethane	< 2.00	ug/L	9/29/2021 16:39
Vinyl chloride	4.91	ug/L	9/29/2021 16:39

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	108	83 - 120		9/29/2021 16:39
4-Bromofluorobenzene	94.9	65.5 - 118		9/29/2021 16:39
Pentafluorobenzene	123	91.2 - 109	*	9/29/2021 16:39
Toluene-D8	103	79.7 - 112		9/29/2021 16:39

Method Reference(s): EPA 8260C

EPA 5030C

Data File: z04371.D

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW3-Annual 2021

Lab Sample ID: 214297-02

Date Sampled: 9/22/2021

Matrix: Groundwater

Date Received: 9/23/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		9/29/2021 17:00
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/29/2021 17:00
1,1,2-Trichloroethane	< 2.00	ug/L		9/29/2021 17:00
1,1-Dichloroethane	< 2.00	ug/L		9/29/2021 17:00
1,1-Dichloroethene	< 2.00	ug/L		9/29/2021 17:00
1,2,3-Trichlorobenzene	< 5.00	ug/L		9/29/2021 17:00
1,2,4-Trichlorobenzene	< 5.00	ug/L		9/29/2021 17:00
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		9/29/2021 17:00
1,2-Dibromoethane	< 2.00	ug/L		9/29/2021 17:00
1,2-Dichlorobenzene	< 2.00	ug/L		9/29/2021 17:00
1,2-Dichloroethane	< 2.00	ug/L		9/29/2021 17:00
1,2-Dichloropropane	< 2.00	ug/L		9/29/2021 17:00
1,3-Dichlorobenzene	< 2.00	ug/L		9/29/2021 17:00
1,4-Dichlorobenzene	< 2.00	ug/L		9/29/2021 17:00
1,4-Dioxane	< 10.0	ug/L		9/29/2021 17:00
2-Butanone	< 10.0	ug/L		9/29/2021 17:00
2-Hexanone	< 5.00	ug/L		9/29/2021 17:00
4-Methyl-2-pentanone	< 5.00	ug/L		9/29/2021 17:00
Acetone	< 10.0	ug/L		9/29/2021 17:00
Benzene	< 1.00	ug/L		9/29/2021 17:00
Bromochloromethane	< 5.00	ug/L		9/29/2021 17:00
Bromodichloromethane	< 2.00	ug/L		9/29/2021 17:00
Bromoform	< 5.00	ug/L		9/29/2021 17:00

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW3-Annual 2021			Date Sampled:	9/22/2021
Lab Sample ID:	214297-02			Date Received:	9/23/2021
Matrix:	Groundwater				
Bromomethane	< 2.00	ug/L		9/29/2021	17:00
Carbon disulfide	< 2.00	ug/L		9/29/2021	17:00
Carbon Tetrachloride	< 2.00	ug/L		9/29/2021	17:00
Chlorobenzene	< 2.00	ug/L		9/29/2021	17:00
Chloroethane	< 2.00	ug/L		9/29/2021	17:00
Chloroform	< 2.00	ug/L		9/29/2021	17:00
Chloromethane	< 2.00	ug/L		9/29/2021	17:00
cis-1,2-Dichloroethene	4.71	ug/L		9/29/2021	17:00
cis-1,3-Dichloropropene	< 2.00	ug/L		9/29/2021	17:00
Cyclohexane	< 10.0	ug/L		9/29/2021	17:00
Dibromochloromethane	< 2.00	ug/L		9/29/2021	17:00
Dichlorodifluoromethane	< 2.00	ug/L		9/29/2021	17:00
Ethylbenzene	< 2.00	ug/L		9/29/2021	17:00
Freon 113	< 2.00	ug/L		9/29/2021	17:00
Isopropylbenzene	< 2.00	ug/L		9/29/2021	17:00
m,p-Xylene	< 2.00	ug/L		9/29/2021	17:00
Methyl acetate	< 2.00	ug/L		9/29/2021	17:00
Methyl tert-butyl Ether	2.31	ug/L		9/29/2021	17:00
Methylcyclohexane	< 2.00	ug/L		9/29/2021	17:00
Methylene chloride	< 5.00	ug/L		9/29/2021	17:00
o-Xylene	< 2.00	ug/L		9/29/2021	17:00
Styrene	< 5.00	ug/L		9/29/2021	17:00
Tetrachloroethene	< 2.00	ug/L		9/29/2021	17:00
Toluene	< 2.00	ug/L		9/29/2021	17:00
trans-1,2-Dichloroethene	1.66	ug/L	J	9/29/2021	17:00

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW3-Annual 2021

Lab Sample ID: 214297-02

Date Sampled: 9/22/2021

Matrix: Groundwater

Date Received: 9/23/2021

trans-1,3-Dichloropropene	< 2.00	ug/L		9/29/2021 17:00
Trichloroethene	1.31	ug/L	J	9/29/2021 17:00
Trichlorofluoromethane	< 2.00	ug/L		9/29/2021 17:00
Vinyl chloride	5.63	ug/L		9/29/2021 17:00

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	108	83 - 120		9/29/2021 17:00
4-Bromofluorobenzene	104	65.5 - 118		9/29/2021 17:00
Pentafluorobenzene	123	91.2 - 109	*	9/29/2021 17:00
Toluene-D8	105	79.7 - 112		9/29/2021 17:00

Method Reference(s): EPA 8260C

EPA 5030C

Data File: z04372.D

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW4-Annual 2021

Lab Sample ID: 214297-03

Date Sampled: 9/21/2021

Matrix: Groundwater

Date Received: 9/23/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		9/29/2021 17:21
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/29/2021 17:21
1,1,2-Trichloroethane	< 2.00	ug/L		9/29/2021 17:21
1,1-Dichloroethane	< 2.00	ug/L		9/29/2021 17:21
1,1-Dichloroethene	< 2.00	ug/L		9/29/2021 17:21
1,2,3-Trichlorobenzene	< 5.00	ug/L		9/29/2021 17:21
1,2,4-Trichlorobenzene	< 5.00	ug/L		9/29/2021 17:21
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		9/29/2021 17:21
1,2-Dibromoethane	< 2.00	ug/L		9/29/2021 17:21
1,2-Dichlorobenzene	< 2.00	ug/L		9/29/2021 17:21
1,2-Dichloroethane	< 2.00	ug/L		9/29/2021 17:21
1,2-Dichloropropane	< 2.00	ug/L		9/29/2021 17:21
1,3-Dichlorobenzene	< 2.00	ug/L		9/29/2021 17:21
1,4-Dichlorobenzene	< 2.00	ug/L		9/29/2021 17:21
1,4-Dioxane	< 10.0	ug/L		9/29/2021 17:21
2-Butanone	< 10.0	ug/L		9/29/2021 17:21
2-Hexanone	< 5.00	ug/L		9/29/2021 17:21
4-Methyl-2-pentanone	< 5.00	ug/L		9/29/2021 17:21
Acetone	< 10.0	ug/L		9/29/2021 17:21
Benzene	< 1.00	ug/L		9/29/2021 17:21
Bromochloromethane	< 5.00	ug/L		9/29/2021 17:21
Bromodichloromethane	< 2.00	ug/L		9/29/2021 17:21
Bromoform	< 5.00	ug/L		9/29/2021 17:21

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW4-Annual 2021

Lab Sample ID: 214297-03

Date Sampled: 9/21/2021

Matrix: Groundwater

Date Received: 9/23/2021

Bromomethane	< 2.00	ug/L	9/29/2021 17:21
Carbon disulfide	< 2.00	ug/L	9/29/2021 17:21
Carbon Tetrachloride	< 2.00	ug/L	9/29/2021 17:21
Chlorobenzene	< 2.00	ug/L	9/29/2021 17:21
Chloroethane	< 2.00	ug/L	9/29/2021 17:21
Chloroform	< 2.00	ug/L	9/29/2021 17:21
Chloromethane	< 2.00	ug/L	9/29/2021 17:21
cis-1,2-Dichloroethene	5.15	ug/L	9/29/2021 17:21
cis-1,3-Dichloropropene	< 2.00	ug/L	9/29/2021 17:21
Cyclohexane	< 10.0	ug/L	9/29/2021 17:21
Dibromochloromethane	< 2.00	ug/L	9/29/2021 17:21
Dichlorodifluoromethane	< 2.00	ug/L	9/29/2021 17:21
Ethylbenzene	< 2.00	ug/L	9/29/2021 17:21
Freon 113	< 2.00	ug/L	9/29/2021 17:21
Isopropylbenzene	< 2.00	ug/L	9/29/2021 17:21
m,p-Xylene	< 2.00	ug/L	9/29/2021 17:21
Methyl acetate	< 2.00	ug/L	9/29/2021 17:21
Methyl tert-butyl Ether	< 2.00	ug/L	9/29/2021 17:21
Methylcyclohexane	< 2.00	ug/L	9/29/2021 17:21
Methylene chloride	< 5.00	ug/L	9/29/2021 17:21
o-Xylene	< 2.00	ug/L	9/29/2021 17:21
Styrene	< 5.00	ug/L	9/29/2021 17:21
Tetrachloroethene	< 2.00	ug/L	9/29/2021 17:21
Toluene	< 2.00	ug/L	9/29/2021 17:21
trans-1,2-Dichloroethene	< 2.00	ug/L	9/29/2021 17:21

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW4-Annual 2021

Lab Sample ID: 214297-03

Date Sampled: 9/21/2021

Matrix: Groundwater

Date Received: 9/23/2021

trans-1,3-Dichloropropene	< 2.00	ug/L		9/29/2021 17:21
Trichloroethene	1.08	ug/L	J	9/29/2021 17:21
Trichlorofluoromethane	< 2.00	ug/L		9/29/2021 17:21
Vinyl chloride	2.13	ug/L		9/29/2021 17:21

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	112	83 - 120		9/29/2021 17:21
4-Bromofluorobenzene	102	65.5 - 118		9/29/2021 17:21
Pentafluorobenzene	123	91.2 - 109	*	9/29/2021 17:21
Toluene-D8	106	79.7 - 112		9/29/2021 17:21

Method Reference(s): EPA 8260C

EPA 5030C

Data File: z04373.D

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, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW5-Annual 2021

Lab Sample ID: 214297-04

Date Sampled: 9/21/2021

Matrix: Groundwater

Date Received: 9/23/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		9/29/2021 17:41
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/29/2021 17:41
1,1,2-Trichloroethane	< 2.00	ug/L		9/29/2021 17:41
1,1-Dichloroethane	< 2.00	ug/L		9/29/2021 17:41
1,1-Dichloroethene	< 2.00	ug/L		9/29/2021 17:41
1,2,3-Trichlorobenzene	< 5.00	ug/L		9/29/2021 17:41
1,2,4-Trichlorobenzene	< 5.00	ug/L		9/29/2021 17:41
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		9/29/2021 17:41
1,2-Dibromoethane	< 2.00	ug/L		9/29/2021 17:41
1,2-Dichlorobenzene	< 2.00	ug/L		9/29/2021 17:41
1,2-Dichloroethane	< 2.00	ug/L		9/29/2021 17:41
1,2-Dichloropropane	< 2.00	ug/L		9/29/2021 17:41
1,3-Dichlorobenzene	< 2.00	ug/L		9/29/2021 17:41
1,4-Dichlorobenzene	< 2.00	ug/L		9/29/2021 17:41
1,4-Dioxane	< 10.0	ug/L		9/29/2021 17:41
2-Butanone	< 10.0	ug/L		9/29/2021 17:41
2-Hexanone	< 5.00	ug/L		9/29/2021 17:41
4-Methyl-2-pentanone	< 5.00	ug/L		9/29/2021 17:41
Acetone	< 10.0	ug/L		9/29/2021 17:41
Benzene	2.05	ug/L		9/29/2021 17:41
Bromochloromethane	< 5.00	ug/L		9/29/2021 17:41
Bromodichloromethane	< 2.00	ug/L		9/29/2021 17:41
Bromoform	< 5.00	ug/L		9/29/2021 17:41

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, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW5-Annual 2021			Date Sampled:	9/21/2021
Lab Sample ID:	214297-04			Date Received:	9/23/2021
Matrix:	Groundwater				
Bromomethane	< 2.00	ug/L		9/29/2021	17:41
Carbon disulfide	< 2.00	ug/L		9/29/2021	17:41
Carbon Tetrachloride	< 2.00	ug/L		9/29/2021	17:41
Chlorobenzene	< 2.00	ug/L		9/29/2021	17:41
Chloroethane	< 2.00	ug/L		9/29/2021	17:41
Chloroform	< 2.00	ug/L		9/29/2021	17:41
Chloromethane	< 2.00	ug/L		9/29/2021	17:41
cis-1,2-Dichloroethene	92.7	ug/L		9/29/2021	17:41
cis-1,3-Dichloropropene	< 2.00	ug/L		9/29/2021	17:41
Cyclohexane	< 10.0	ug/L		9/29/2021	17:41
Dibromochloromethane	< 2.00	ug/L		9/29/2021	17:41
Dichlorodifluoromethane	< 2.00	ug/L		9/29/2021	17:41
Ethylbenzene	< 2.00	ug/L		9/29/2021	17:41
Freon 113	< 2.00	ug/L		9/29/2021	17:41
Isopropylbenzene	< 2.00	ug/L		9/29/2021	17:41
m,p-Xylene	< 2.00	ug/L		9/29/2021	17:41
Methyl acetate	< 2.00	ug/L		9/29/2021	17:41
Methyl tert-butyl Ether	< 2.00	ug/L		9/29/2021	17:41
Methylcyclohexane	< 2.00	ug/L		9/29/2021	17:41
Methylene chloride	< 5.00	ug/L		9/29/2021	17:41
o-Xylene	< 2.00	ug/L		9/29/2021	17:41
Styrene	< 5.00	ug/L		9/29/2021	17:41
Tetrachloroethene	3.05	ug/L		9/29/2021	17:41
Toluene	< 2.00	ug/L		9/29/2021	17:41
trans-1,2-Dichloroethene	1.97	ug/L	J	9/29/2021	17:41

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW5-Annual 2021

Lab Sample ID: 214297-04

Date Sampled: 9/21/2021

Matrix: Groundwater

Date Received: 9/23/2021

trans-1,3-Dichloropropene	< 2.00	ug/L	9/29/2021 17:41
Trichloroethene	8.13	ug/L	9/29/2021 17:41
Trichlorofluoromethane	< 2.00	ug/L	9/29/2021 17:41
Vinyl chloride	37.3	ug/L	9/29/2021 17:41

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	112	83 - 120		9/29/2021 17:41
4-Bromofluorobenzene	99.7	65.5 - 118		9/29/2021 17:41
Pentafluorobenzene	127	91.2 - 109	*	9/29/2021 17:41
Toluene-D8	105	79.7 - 112		9/29/2021 17:41

Method Reference(s): EPA 8260C

EPA 5030C

Data File: z04374.D

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, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW6-Annual 2021

Lab Sample ID: 214297-05

Date Sampled: 9/21/2021

Matrix: Groundwater

Date Received: 9/23/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		9/29/2021 18:02
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/29/2021 18:02
1,1,2-Trichloroethane	< 2.00	ug/L		9/29/2021 18:02
1,1-Dichloroethane	< 2.00	ug/L		9/29/2021 18:02
1,1-Dichloroethene	< 2.00	ug/L		9/29/2021 18:02
1,2,3-Trichlorobenzene	< 5.00	ug/L		9/29/2021 18:02
1,2,4-Trichlorobenzene	< 5.00	ug/L		9/29/2021 18:02
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		9/29/2021 18:02
1,2-Dibromoethane	< 2.00	ug/L		9/29/2021 18:02
1,2-Dichlorobenzene	< 2.00	ug/L		9/29/2021 18:02
1,2-Dichloroethane	< 2.00	ug/L		9/29/2021 18:02
1,2-Dichloropropane	< 2.00	ug/L		9/29/2021 18:02
1,3-Dichlorobenzene	< 2.00	ug/L		9/29/2021 18:02
1,4-Dichlorobenzene	< 2.00	ug/L		9/29/2021 18:02
1,4-Dioxane	< 10.0	ug/L		9/29/2021 18:02
2-Butanone	< 10.0	ug/L		9/29/2021 18:02
2-Hexanone	< 5.00	ug/L		9/29/2021 18:02
4-Methyl-2-pentanone	< 5.00	ug/L		9/29/2021 18:02
Acetone	< 10.0	ug/L		9/29/2021 18:02
Benzene	< 1.00	ug/L		9/29/2021 18:02
Bromochloromethane	< 5.00	ug/L		9/29/2021 18:02
Bromodichloromethane	< 2.00	ug/L		9/29/2021 18:02
Bromoform	< 5.00	ug/L		9/29/2021 18:02

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW6-Annual 2021

Lab Sample ID: 214297-05

Date Sampled: 9/21/2021

Matrix: Groundwater

Date Received: 9/23/2021

Bromomethane	< 2.00	ug/L	9/29/2021 18:02
Carbon disulfide	< 2.00	ug/L	9/29/2021 18:02
Carbon Tetrachloride	< 2.00	ug/L	9/29/2021 18:02
Chlorobenzene	< 2.00	ug/L	9/29/2021 18:02
Chloroethane	< 2.00	ug/L	9/29/2021 18:02
Chloroform	< 2.00	ug/L	9/29/2021 18:02
Chloromethane	< 2.00	ug/L	9/29/2021 18:02
cis-1,2-Dichloroethene	45.1	ug/L	9/29/2021 18:02
cis-1,3-Dichloropropene	< 2.00	ug/L	9/29/2021 18:02
Cyclohexane	< 10.0	ug/L	9/29/2021 18:02
Dibromochloromethane	< 2.00	ug/L	9/29/2021 18:02
Dichlorodifluoromethane	< 2.00	ug/L	9/29/2021 18:02
Ethylbenzene	< 2.00	ug/L	9/29/2021 18:02
Freon 113	< 2.00	ug/L	9/29/2021 18:02
Isopropylbenzene	< 2.00	ug/L	9/29/2021 18:02
m,p-Xylene	< 2.00	ug/L	9/29/2021 18:02
Methyl acetate	< 2.00	ug/L	9/29/2021 18:02
Methyl tert-butyl Ether	< 2.00	ug/L	9/29/2021 18:02
Methylcyclohexane	< 2.00	ug/L	9/29/2021 18:02
Methylene chloride	< 5.00	ug/L	9/29/2021 18:02
o-Xylene	< 2.00	ug/L	9/29/2021 18:02
Styrene	< 5.00	ug/L	9/29/2021 18:02
Tetrachloroethene	15.9	ug/L	9/29/2021 18:02
Toluene	< 2.00	ug/L	9/29/2021 18:02
trans-1,2-Dichloroethene	< 2.00	ug/L	9/29/2021 18:02

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW6-Annual 2021

Lab Sample ID: 214297-05

Date Sampled: 9/21/2021

Matrix: Groundwater

Date Received: 9/23/2021

trans-1,3-Dichloropropene	< 2.00	ug/L	9/29/2021 18:02
Trichloroethene	13.5	ug/L	9/29/2021 18:02
Trichlorofluoromethane	< 2.00	ug/L	9/29/2021 18:02
Vinyl chloride	19.7	ug/L	9/29/2021 18:02

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	121	83 - 120	*	9/29/2021 18:02
4-Bromofluorobenzene	112	65.5 - 118		9/29/2021 18:02
Pentafluorobenzene	138	91.2 - 109	*	9/29/2021 18:02
Toluene-D8	119	79.7 - 112	*	9/29/2021 18:02

Method Reference(s): EPA 8260C

EPA 5030C

Data File: z04375.D

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, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B102MW-Annual 2021

Lab Sample ID: 214297-06

Date Sampled: 9/21/2021

Matrix: Groundwater

Date Received: 9/23/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		9/29/2021 19:25
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/29/2021 19:25
1,1,2-Trichloroethane	< 2.00	ug/L		9/29/2021 19:25
1,1-Dichloroethane	< 2.00	ug/L		9/29/2021 19:25
1,1-Dichloroethene	< 2.00	ug/L		9/29/2021 19:25
1,2,3-Trichlorobenzene	< 5.00	ug/L		9/29/2021 19:25
1,2,4-Trichlorobenzene	< 5.00	ug/L		9/29/2021 19:25
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		9/29/2021 19:25
1,2-Dibromoethane	< 2.00	ug/L		9/29/2021 19:25
1,2-Dichlorobenzene	< 2.00	ug/L		9/29/2021 19:25
1,2-Dichloroethane	< 2.00	ug/L		9/29/2021 19:25
1,2-Dichloropropane	< 2.00	ug/L	M	9/29/2021 19:25
1,3-Dichlorobenzene	< 2.00	ug/L		9/29/2021 19:25
1,4-Dichlorobenzene	< 2.00	ug/L		9/29/2021 19:25
1,4-Dioxane	< 10.0	ug/L		9/29/2021 19:25
2-Butanone	< 10.0	ug/L		9/29/2021 19:25
2-Hexanone	< 5.00	ug/L		9/29/2021 19:25
4-Methyl-2-pentanone	< 5.00	ug/L		9/29/2021 19:25
Acetone	< 10.0	ug/L		9/29/2021 19:25
Benzene	< 1.00	ug/L	M	9/29/2021 19:25
Bromochloromethane	< 5.00	ug/L		9/29/2021 19:25
Bromodichloromethane	< 2.00	ug/L	M	9/29/2021 19:25
Bromoform	< 5.00	ug/L		9/29/2021 19:25

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: Stantec

Project Reference: Carriage Factory

Sample Identifier:	LI-B102MW-Annual 2021			Date Sampled:	9/21/2021
Lab Sample ID:	214297-06			Date Received:	9/23/2021
Matrix:	Groundwater				
Bromomethane	< 2.00	ug/L		9/29/2021	19:25
Carbon disulfide	< 2.00	ug/L		9/29/2021	19:25
Carbon Tetrachloride	< 2.00	ug/L	M	9/29/2021	19:25
Chlorobenzene	< 2.00	ug/L		9/29/2021	19:25
Chloroethane	< 2.00	ug/L		9/29/2021	19:25
Chloroform	< 2.00	ug/L	M	9/29/2021	19:25
Chloromethane	< 2.00	ug/L		9/29/2021	19:25
cis-1,2-Dichloroethene	2.22	ug/L		9/29/2021	19:25
cis-1,3-Dichloropropene	< 2.00	ug/L	M	9/29/2021	19:25
Cyclohexane	< 10.0	ug/L		9/29/2021	19:25
Dibromochloromethane	< 2.00	ug/L		9/29/2021	19:25
Dichlorodifluoromethane	< 2.00	ug/L		9/29/2021	19:25
Ethylbenzene	< 2.00	ug/L		9/29/2021	19:25
Freon 113	< 2.00	ug/L		9/29/2021	19:25
Isopropylbenzene	< 2.00	ug/L		9/29/2021	19:25
m,p-Xylene	< 2.00	ug/L		9/29/2021	19:25
Methyl acetate	< 2.00	ug/L		9/29/2021	19:25
Methyl tert-butyl Ether	< 2.00	ug/L		9/29/2021	19:25
Methylcyclohexane	< 2.00	ug/L		9/29/2021	19:25
Methylene chloride	< 5.00	ug/L		9/29/2021	19:25
o-Xylene	< 2.00	ug/L		9/29/2021	19:25
Styrene	< 5.00	ug/L		9/29/2021	19:25
Tetrachloroethene	< 2.00	ug/L	M	9/29/2021	19:25
Toluene	< 2.00	ug/L	M	9/29/2021	19:25
trans-1,2-Dichloroethene	< 2.00	ug/L	M	9/29/2021	19:25

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B102MW-Annual 2021

Lab Sample ID: 214297-06

Date Sampled: 9/21/2021

Matrix: Groundwater

Date Received: 9/23/2021

trans-1,3-Dichloropropene	< 2.00	ug/L		9/29/2021 19:25
Trichloroethene	< 2.00	ug/L	M	9/29/2021 19:25
Trichlorofluoromethane	< 2.00	ug/L		9/29/2021 19:25
Vinyl chloride	2.07	ug/L		9/29/2021 19:25

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	108	83 - 120		9/29/2021 19:25
4-Bromofluorobenzene	90.6	65.5 - 118		9/29/2021 19:25
Pentafluorobenzene	123	91.2 - 109	*	9/29/2021 19:25
Toluene-D8	101	79.7 - 112		9/29/2021 19:25

Method Reference(s): EPA 8260C

EPA 5030C

Data File: z04379.D

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, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B106MW-Annual 2021

Lab Sample ID: 214297-07

Date Sampled: 9/22/2021

Matrix: Groundwater

Date Received: 9/23/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		9/29/2021 18:23
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/29/2021 18:23
1,1,2-Trichloroethane	< 2.00	ug/L		9/29/2021 18:23
1,1-Dichloroethane	< 2.00	ug/L		9/29/2021 18:23
1,1-Dichloroethene	< 2.00	ug/L		9/29/2021 18:23
1,2,3-Trichlorobenzene	< 5.00	ug/L		9/29/2021 18:23
1,2,4-Trichlorobenzene	< 5.00	ug/L		9/29/2021 18:23
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		9/29/2021 18:23
1,2-Dibromoethane	< 2.00	ug/L		9/29/2021 18:23
1,2-Dichlorobenzene	< 2.00	ug/L		9/29/2021 18:23
1,2-Dichloroethane	< 2.00	ug/L		9/29/2021 18:23
1,2-Dichloropropane	< 2.00	ug/L		9/29/2021 18:23
1,3-Dichlorobenzene	< 2.00	ug/L		9/29/2021 18:23
1,4-Dichlorobenzene	< 2.00	ug/L		9/29/2021 18:23
1,4-Dioxane	< 10.0	ug/L		9/29/2021 18:23
2-Butanone	< 10.0	ug/L		9/29/2021 18:23
2-Hexanone	< 5.00	ug/L		9/29/2021 18:23
4-Methyl-2-pentanone	< 5.00	ug/L		9/29/2021 18:23
Acetone	< 10.0	ug/L		9/29/2021 18:23
Benzene	< 1.00	ug/L		9/29/2021 18:23
Bromochloromethane	< 5.00	ug/L		9/29/2021 18:23
Bromodichloromethane	< 2.00	ug/L		9/29/2021 18:23
Bromoform	< 5.00	ug/L		9/29/2021 18:23

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B106MW-Annual 2021

Lab Sample ID: 214297-07

Date Sampled: 9/22/2021

Matrix: Groundwater

Date Received: 9/23/2021

Bromomethane	< 2.00	ug/L	9/29/2021 18:23
Carbon disulfide	< 2.00	ug/L	9/29/2021 18:23
Carbon Tetrachloride	< 2.00	ug/L	9/29/2021 18:23
Chlorobenzene	< 2.00	ug/L	9/29/2021 18:23
Chloroethane	< 2.00	ug/L	9/29/2021 18:23
Chloroform	< 2.00	ug/L	9/29/2021 18:23
Chloromethane	< 2.00	ug/L	9/29/2021 18:23
cis-1,2-Dichloroethene	10.6	ug/L	9/29/2021 18:23
cis-1,3-Dichloropropene	< 2.00	ug/L	9/29/2021 18:23
Cyclohexane	< 10.0	ug/L	9/29/2021 18:23
Dibromochloromethane	< 2.00	ug/L	9/29/2021 18:23
Dichlorodifluoromethane	< 2.00	ug/L	9/29/2021 18:23
Ethylbenzene	< 2.00	ug/L	9/29/2021 18:23
Freon 113	< 2.00	ug/L	9/29/2021 18:23
Isopropylbenzene	< 2.00	ug/L	9/29/2021 18:23
m,p-Xylene	< 2.00	ug/L	9/29/2021 18:23
Methyl acetate	< 2.00	ug/L	9/29/2021 18:23
Methyl tert-butyl Ether	< 2.00	ug/L	9/29/2021 18:23
Methylcyclohexane	< 2.00	ug/L	9/29/2021 18:23
Methylene chloride	< 5.00	ug/L	9/29/2021 18:23
o-Xylene	< 2.00	ug/L	9/29/2021 18:23
Styrene	< 5.00	ug/L	9/29/2021 18:23
Tetrachloroethene	< 2.00	ug/L	9/29/2021 18:23
Toluene	< 2.00	ug/L	9/29/2021 18:23
trans-1,2-Dichloroethene	< 2.00	ug/L	9/29/2021 18:23

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B106MW-Annual 2021

Lab Sample ID: 214297-07

Date Sampled: 9/22/2021

Matrix: Groundwater

Date Received: 9/23/2021

trans-1,3-Dichloropropene	< 2.00	ug/L		9/29/2021 18:23
Trichloroethene	1.77	ug/L	J	9/29/2021 18:23
Trichlorofluoromethane	< 2.00	ug/L		9/29/2021 18:23
Vinyl chloride	1.54	ug/L	J	9/29/2021 18:23

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	106	83 - 120		9/29/2021 18:23
4-Bromofluorobenzene	96.8	65.5 - 118		9/29/2021 18:23
Pentafluorobenzene	122	91.2 - 109	*	9/29/2021 18:23
Toluene-D8	102	79.7 - 112		9/29/2021 18:23

Method Reference(s): EPA 8260C

EPA 5030C

Data File: z04376.D

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-FD-Annual 2021

Lab Sample ID: 214297-08

Date Sampled: 9/22/2021

Matrix: Groundwater

Date Received: 9/23/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		9/29/2021 18:44
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/29/2021 18:44
1,1,2-Trichloroethane	< 2.00	ug/L		9/29/2021 18:44
1,1-Dichloroethane	< 2.00	ug/L		9/29/2021 18:44
1,1-Dichloroethene	< 2.00	ug/L		9/29/2021 18:44
1,2,3-Trichlorobenzene	< 5.00	ug/L		9/29/2021 18:44
1,2,4-Trichlorobenzene	< 5.00	ug/L		9/29/2021 18:44
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		9/29/2021 18:44
1,2-Dibromoethane	< 2.00	ug/L		9/29/2021 18:44
1,2-Dichlorobenzene	< 2.00	ug/L		9/29/2021 18:44
1,2-Dichloroethane	< 2.00	ug/L		9/29/2021 18:44
1,2-Dichloropropane	< 2.00	ug/L		9/29/2021 18:44
1,3-Dichlorobenzene	< 2.00	ug/L		9/29/2021 18:44
1,4-Dichlorobenzene	< 2.00	ug/L		9/29/2021 18:44
1,4-Dioxane	< 10.0	ug/L		9/29/2021 18:44
2-Butanone	< 10.0	ug/L		9/29/2021 18:44
2-Hexanone	< 5.00	ug/L		9/29/2021 18:44
4-Methyl-2-pentanone	< 5.00	ug/L		9/29/2021 18:44
Acetone	< 10.0	ug/L		9/29/2021 18:44
Benzene	< 1.00	ug/L		9/29/2021 18:44
Bromochloromethane	< 5.00	ug/L		9/29/2021 18:44
Bromodichloromethane	< 2.00	ug/L		9/29/2021 18:44
Bromoform	< 5.00	ug/L		9/29/2021 18:44

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-FD-Annual 2021

Lab Sample ID: 214297-08

Date Sampled: 9/22/2021

Matrix: Groundwater

Date Received: 9/23/2021

Bromomethane	< 2.00	ug/L	9/29/2021 18:44
Carbon disulfide	< 2.00	ug/L	9/29/2021 18:44
Carbon Tetrachloride	< 2.00	ug/L	9/29/2021 18:44
Chlorobenzene	< 2.00	ug/L	9/29/2021 18:44
Chloroethane	< 2.00	ug/L	9/29/2021 18:44
Chloroform	< 2.00	ug/L	9/29/2021 18:44
Chloromethane	< 2.00	ug/L	9/29/2021 18:44
cis-1,2-Dichloroethene	11.7	ug/L	9/29/2021 18:44
cis-1,3-Dichloropropene	< 2.00	ug/L	9/29/2021 18:44
Cyclohexane	< 10.0	ug/L	9/29/2021 18:44
Dibromochloromethane	< 2.00	ug/L	9/29/2021 18:44
Dichlorodifluoromethane	< 2.00	ug/L	9/29/2021 18:44
Ethylbenzene	< 2.00	ug/L	9/29/2021 18:44
Freon 113	< 2.00	ug/L	9/29/2021 18:44
Isopropylbenzene	< 2.00	ug/L	9/29/2021 18:44
m,p-Xylene	< 2.00	ug/L	9/29/2021 18:44
Methyl acetate	< 2.00	ug/L	9/29/2021 18:44
Methyl tert-butyl Ether	< 2.00	ug/L	9/29/2021 18:44
Methylcyclohexane	< 2.00	ug/L	9/29/2021 18:44
Methylene chloride	< 5.00	ug/L	9/29/2021 18:44
o-Xylene	< 2.00	ug/L	9/29/2021 18:44
Styrene	< 5.00	ug/L	9/29/2021 18:44
Tetrachloroethene	< 2.00	ug/L	9/29/2021 18:44
Toluene	< 2.00	ug/L	9/29/2021 18:44
trans-1,2-Dichloroethene	< 2.00	ug/L	9/29/2021 18:44

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-FD-Annual 2021

Lab Sample ID: 214297-08

Date Sampled: 9/22/2021

Matrix: Groundwater

Date Received: 9/23/2021

trans-1,3-Dichloropropene	< 2.00	ug/L		9/29/2021 18:44
Trichloroethene	2.17	ug/L		9/29/2021 18:44
Trichlorofluoromethane	< 2.00	ug/L		9/29/2021 18:44
Vinyl chloride	1.93	ug/L	J	9/29/2021 18:44

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	111	83 - 120		9/29/2021 18:44
4-Bromofluorobenzene	101	65.5 - 118		9/29/2021 18:44
Pentafluorobenzene	120	91.2 - 109	*	9/29/2021 18:44
Toluene-D8	108	79.7 - 112		9/29/2021 18:44

Method Reference(s): EPA 8260C

EPA 5030C

Data File: z04377.D

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B108MW-Annual 2021

Lab Sample ID: 214297-09

Date Sampled: 9/22/2021

Matrix: Groundwater

Date Received: 9/23/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		9/29/2021 19:04
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/29/2021 19:04
1,1,2-Trichloroethane	< 2.00	ug/L		9/29/2021 19:04
1,1-Dichloroethane	< 2.00	ug/L		9/29/2021 19:04
1,1-Dichloroethene	< 2.00	ug/L		9/29/2021 19:04
1,2,3-Trichlorobenzene	< 5.00	ug/L		9/29/2021 19:04
1,2,4-Trichlorobenzene	< 5.00	ug/L		9/29/2021 19:04
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		9/29/2021 19:04
1,2-Dibromoethane	< 2.00	ug/L		9/29/2021 19:04
1,2-Dichlorobenzene	< 2.00	ug/L		9/29/2021 19:04
1,2-Dichloroethane	< 2.00	ug/L		9/29/2021 19:04
1,2-Dichloropropane	< 2.00	ug/L		9/29/2021 19:04
1,3-Dichlorobenzene	< 2.00	ug/L		9/29/2021 19:04
1,4-Dichlorobenzene	< 2.00	ug/L		9/29/2021 19:04
1,4-Dioxane	< 10.0	ug/L		9/29/2021 19:04
2-Butanone	< 10.0	ug/L		9/29/2021 19:04
2-Hexanone	< 5.00	ug/L		9/29/2021 19:04
4-Methyl-2-pentanone	< 5.00	ug/L		9/29/2021 19:04
Acetone	< 10.0	ug/L		9/29/2021 19:04
Benzene	< 1.00	ug/L		9/29/2021 19:04
Bromochloromethane	< 5.00	ug/L		9/29/2021 19:04
Bromodichloromethane	< 2.00	ug/L		9/29/2021 19:04
Bromoform	< 5.00	ug/L		9/29/2021 19:04

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B108MW-Annual 2021

Lab Sample ID: 214297-09

Date Sampled: 9/22/2021

Matrix: Groundwater

Date Received: 9/23/2021

Bromomethane	< 2.00	ug/L	9/29/2021 19:04
Carbon disulfide	< 2.00	ug/L	9/29/2021 19:04
Carbon Tetrachloride	< 2.00	ug/L	9/29/2021 19:04
Chlorobenzene	< 2.00	ug/L	9/29/2021 19:04
Chloroethane	< 2.00	ug/L	9/29/2021 19:04
Chloroform	< 2.00	ug/L	9/29/2021 19:04
Chloromethane	< 2.00	ug/L	9/29/2021 19:04
cis-1,2-Dichloroethene	5.70	ug/L	9/29/2021 19:04
cis-1,3-Dichloropropene	< 2.00	ug/L	9/29/2021 19:04
Cyclohexane	< 10.0	ug/L	9/29/2021 19:04
Dibromochloromethane	< 2.00	ug/L	9/29/2021 19:04
Dichlorodifluoromethane	< 2.00	ug/L	9/29/2021 19:04
Ethylbenzene	< 2.00	ug/L	9/29/2021 19:04
Freon 113	< 2.00	ug/L	9/29/2021 19:04
Isopropylbenzene	< 2.00	ug/L	9/29/2021 19:04
m,p-Xylene	< 2.00	ug/L	9/29/2021 19:04
Methyl acetate	< 2.00	ug/L	9/29/2021 19:04
Methyl tert-butyl Ether	< 2.00	ug/L	9/29/2021 19:04
Methylcyclohexane	< 2.00	ug/L	9/29/2021 19:04
Methylene chloride	< 5.00	ug/L	9/29/2021 19:04
o-Xylene	< 2.00	ug/L	9/29/2021 19:04
Styrene	< 5.00	ug/L	9/29/2021 19:04
Tetrachloroethene	4.18	ug/L	9/29/2021 19:04
Toluene	< 2.00	ug/L	9/29/2021 19:04
trans-1,2-Dichloroethene	< 2.00	ug/L	9/29/2021 19:04

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B108MW-Annual 2021

Lab Sample ID: 214297-09

Date Sampled: 9/22/2021

Matrix: Groundwater

Date Received: 9/23/2021

trans-1,3-Dichloropropene	< 2.00	ug/L		9/29/2021 19:04
Trichloroethene	1.72	ug/L	J	9/29/2021 19:04
Trichlorofluoromethane	< 2.00	ug/L		9/29/2021 19:04
Vinyl chloride	1.98	ug/L	J	9/29/2021 19:04

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	109	83 - 120		9/29/2021 19:04
4-Bromofluorobenzene	93.8	65.5 - 118		9/29/2021 19:04
Pentafluorobenzene	124	91.2 - 109	*	9/29/2021 19:04
Toluene-D8	107	79.7 - 112		9/29/2021 19:04

Method Reference(s): EPA 8260C

EPA 5030C

Data File: z04378.D

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: Trip Blank T1066

Lab Sample ID: 214297-10

Date Sampled: 9/13/2021

Matrix: Wastewater

Date Received: 9/23/2021

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		9/29/2021 16:18
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/29/2021 16:18
1,1,2-Trichloroethane	< 2.00	ug/L		9/29/2021 16:18
1,1-Dichloroethane	< 2.00	ug/L		9/29/2021 16:18
1,1-Dichloroethene	< 2.00	ug/L		9/29/2021 16:18
1,2,3-Trichlorobenzene	< 5.00	ug/L		9/29/2021 16:18
1,2,4-Trichlorobenzene	< 5.00	ug/L		9/29/2021 16:18
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		9/29/2021 16:18
1,2-Dibromoethane	< 2.00	ug/L		9/29/2021 16:18
1,2-Dichlorobenzene	< 2.00	ug/L		9/29/2021 16:18
1,2-Dichloroethane	< 2.00	ug/L		9/29/2021 16:18
1,2-Dichloropropane	< 2.00	ug/L		9/29/2021 16:18
1,3-Dichlorobenzene	< 2.00	ug/L		9/29/2021 16:18
1,4-Dichlorobenzene	< 2.00	ug/L		9/29/2021 16:18
1,4-Dioxane	< 10.0	ug/L		9/29/2021 16:18
2-Butanone	< 10.0	ug/L		9/29/2021 16:18
2-Hexanone	< 5.00	ug/L		9/29/2021 16:18
4-Methyl-2-pentanone	< 5.00	ug/L		9/29/2021 16:18
Acetone	< 10.0	ug/L		9/29/2021 16:18
Benzene	< 1.00	ug/L		9/29/2021 16:18
Bromochloromethane	< 5.00	ug/L		9/29/2021 16:18
Bromodichloromethane	< 2.00	ug/L		9/29/2021 16:18
Bromoform	< 5.00	ug/L		9/29/2021 16:18

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: Stantec

Project Reference: Carriage Factory

Sample Identifier: Trip Blank T1066

Lab Sample ID: 214297-10

Date Sampled: 9/13/2021

Matrix: Wastewater

Date Received: 9/23/2021

Bromomethane	< 2.00	ug/L	9/29/2021 16:18
Carbon disulfide	< 2.00	ug/L	9/29/2021 16:18
Carbon Tetrachloride	< 2.00	ug/L	9/29/2021 16:18
Chlorobenzene	< 2.00	ug/L	9/29/2021 16:18
Chloroethane	< 2.00	ug/L	9/29/2021 16:18
Chloroform	< 2.00	ug/L	9/29/2021 16:18
Chloromethane	< 2.00	ug/L	9/29/2021 16:18
cis-1,2-Dichloroethene	< 2.00	ug/L	9/29/2021 16:18
cis-1,3-Dichloropropene	< 2.00	ug/L	9/29/2021 16:18
Cyclohexane	< 10.0	ug/L	9/29/2021 16:18
Dibromochloromethane	< 2.00	ug/L	9/29/2021 16:18
Dichlorodifluoromethane	< 2.00	ug/L	9/29/2021 16:18
Ethylbenzene	< 2.00	ug/L	9/29/2021 16:18
Freon 113	< 2.00	ug/L	9/29/2021 16:18
Isopropylbenzene	< 2.00	ug/L	9/29/2021 16:18
m,p-Xylene	< 2.00	ug/L	9/29/2021 16:18
Methyl acetate	< 2.00	ug/L	9/29/2021 16:18
Methyl tert-butyl Ether	< 2.00	ug/L	9/29/2021 16:18
Methylcyclohexane	< 2.00	ug/L	9/29/2021 16:18
Methylene chloride	< 5.00	ug/L	9/29/2021 16:18
o-Xylene	< 2.00	ug/L	9/29/2021 16:18
Styrene	< 5.00	ug/L	9/29/2021 16:18
Tetrachloroethene	< 2.00	ug/L	9/29/2021 16:18
Toluene	< 2.00	ug/L	9/29/2021 16:18
trans-1,2-Dichloroethene	< 2.00	ug/L	9/29/2021 16:18

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Report Prepared Wednesday, October 6, 2021



Lab Project ID: 214297

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: Trip Blank T1066

Lab Sample ID: 214297-10

Date Sampled: 9/13/2021

Matrix: Wastewater

Date Received: 9/23/2021

trans-1,3-Dichloropropene	< 2.00	ug/L	9/29/2021 16:18
Trichloroethene	< 2.00	ug/L	9/29/2021 16:18
Trichlorofluoromethane	< 2.00	ug/L	9/29/2021 16:18
Vinyl chloride	< 2.00	ug/L	9/29/2021 16:18

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	109	83 - 120		9/29/2021 16:18
4-Bromofluorobenzene	111	65.5 - 118		9/29/2021 16:18
Pentafluorobenzene	124	91.2 - 109	*	9/29/2021 16:18
Toluene-D8	100	79.7 - 112		9/29/2021 16:18

Method Reference(s): EPA 624.1

Data File: z04370.D

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Report Prepared Wednesday, October 6, 2021



Analytical Report Appendix

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

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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.

"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.



CHAIN OF CUSTODY

1062

PROJECT REFERENCE Carnage Factory	REPORT TO:		INVOICE TO:		LAB PROJECT ID
	CLIENT: Stantec	CLIENT: same		214297	
	ADDRESS: 61 Commercial St. Suite 100	ADDRESS:		Quotation #:	
	CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:		Email:	
	PHONE: 585-413-5266	PHONE:		ATTN: Laura Best	
	ATTN: Laura Best		ATTN: Laura Best		Laura.Best@stantec.com
	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	OL - Oil
				CK - Caulk	AR - Air

REQUESTED ANALYSIS											
DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX	CONTAINERS	VOCs (8260)	TOCs (415.1)			PARADIGM LAB SAMPLE NUMBER
9/22/21	1030		X	LI-RW2 - Annual 2021	WG	4	X	X			01
9/22/21	1120			LI - RW3 - Annual 2021		4	X	X			02
9/21/21	1445			LI - RW4 - Annual 2021		4	X	X			03
9/21/21	1130			LI - RW5 - Annual 2021		4	X	X			04
9/21/21	0958			LI - RW6 - Annual 2021		4	X	X			05
9/21/21	1415			LI - BIO2 MW - Annual 2021		12	X	X		MS/MSD	06
9/22/21	0917			LI - BIO6 MW - Annual 2021		4	X	X			07
9/22/21	0947			LI - FD - Annual 2021		4	X	X			08
9/22/21	1328			LI - BIO8 MW - Annual 2021		4	X	X			09
9/22/21			✓	TRIP BLANK	WA	1	X			T1066 Sampled 9/13/21	10

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

Note: VOC - 1000 vial for 07

broke in log in 9/23/21

Kathleen **9/22/2021**

Sampled By Date/Time

Kathleen **9/22/2021 1450**

Relinquished By Date/Time

Cindy Farmer **9/22/2021 1455**

Received By Date/Time

Molly Mail **9/23/21 1238**

Received @ Lab By Date/Time

11°C recd started in field 9/22/21 15:00

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

See additional page for sample conditions.

Total Cost:

P.I.F.

2082



Chain of Custody Supplement

Client: SkantesCompleted by: MolyvailLab Project ID: 214297Date: 9/23/21

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>11°C iced started in field</u>		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			

Adirondack Environmental Services, Inc**Date:** 29-Sep-21**CLIENT:** Paradigm Environmental**Client Sample ID:** L1-RW2-Annual2021**Work Order:** 210924005**Collection Date:** 9/22/2021 10:30:00 AM**Reference:** Sample Analysis / Project# 214297**Lab Sample ID:** 210924005-001**PO#:****Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON - SM 5310C-2011						Analyst: CP
Total Organic Carbon	4.7	1.0		mg/L	1	9/28/2021 3:00:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc**Date:** 29-Sep-21**CLIENT:** Paradigm Environmental**Client Sample ID:** L1-RW3-Annual 2021**Work Order:** 210924005**Collection Date:** 9/22/2021 11:20:00 AM**Reference:** Sample Analysis / Project# 214297**Lab Sample ID:** 210924005-002**PO#:****Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON - SM 5310C-2011						Analyst: CP
Total Organic Carbon	4.9	1.0		mg/L	1	9/28/2021 3:19:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc**Date:** 29-Sep-21**CLIENT:** Paradigm Environmental**Client Sample ID:** L1-RW4-Annual 2021**Work Order:** 210924005**Collection Date:** 9/21/2021 2:45:00 PM**Reference:** Sample Analysis / Project# 214297**Lab Sample ID:** 210924005-003**PO#:****Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON - SM 5310C-2011						Analyst: CP
Total Organic Carbon	8.9	1.0		mg/L	1	9/28/2021 3:40:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc**Date:** 29-Sep-21**CLIENT:** Paradigm Environmental**Client Sample ID:** L1-RW5-Annual 2021**Work Order:** 210924005**Collection Date:** 9/21/2021 11:30:00 AM**Reference:** Sample Analysis / Project# 214297**Lab Sample ID:** 210924005-004**PO#:****Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON - SM 5310C-2011						Analyst: CP
Total Organic Carbon	7.0	1.0		mg/L	1	9/28/2021 3:59:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc**Date:** 29-Sep-21**CLIENT:** Paradigm Environmental**Client Sample ID:** L1-RW6-Annual 2021**Work Order:** 210924005**Collection Date:** 9/21/2021 9:58:00 AM**Reference:** Sample Analysis / Project# 214297**Lab Sample ID:** 210924005-005**PO#:****Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON - SM 5310C-2011						Analyst: CP
Total Organic Carbon	3.5	1.0		mg/L	1	9/28/2021 4:17:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc**Date:** 29-Sep-21**CLIENT:** Paradigm Environmental**Client Sample ID:** L1-B102MW-Annual 2021**Work Order:** 210924005**Collection Date:** 9/21/2021 2:15:00 PM**Reference:** Sample Analysis / Project# 214297**Lab Sample ID:** 210924005-006**PO#:****Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON - SM 5310C-2011						Analyst: CP
Total Organic Carbon	6.6	1.0		mg/L	1	9/28/2021 4:43:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc**Date:** 29-Sep-21**CLIENT:** Paradigm Environmental**Client Sample ID:** L1-B106MW-Annual**Work Order:** 210924005**Collection Date:** 9/22/2021 9:17:00 AM**Reference:** Sample Analysis / Project# 214297**Lab Sample ID:** 210924005-007**PO#:****Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON - SM 5310C-2011						Analyst: CP
Total Organic Carbon	2.9	1.0		mg/L	1	9/28/2021 6:48:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc**Date:** 29-Sep-21**CLIENT:** Paradigm Environmental**Client Sample ID:** L1-FD-Annual 2021**Work Order:** 210924005**Collection Date:** 9/22/2021 9:47:00 AM**Reference:** Sample Analysis / Project# 214297**Lab Sample ID:** 210924005-008**PO#:****Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON - SM 5310C-2011						Analyst: CP
Total Organic Carbon	2.7	1.0		mg/L	1	9/28/2021 7:06:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc**Date:** 29-Sep-21**CLIENT:** Paradigm Environmental**Client Sample ID:** L1-B108MW-Annual 2021**Work Order:** 210924005**Collection Date:** 9/22/2021 1:28:00 PM**Reference:** Sample Analysis / Project# 214297**Lab Sample ID:** 210924005-009**PO#:****Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON - SM 5310C-2011						Analyst: CP
Total Organic Carbon	2.8	1.0		mg/L	1	9/28/2021 7:25:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.



210924005

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

CHAIN OF CUSTODY

ADIRONDACK: ELAP ID: 1

REPORT TO:		INVOICE TO:		LAB PROJECT #:		CLIENT PROJECT	
COMPANY: Paradigm Environmental		COMPANY: Same					
ADDRESS:		ADDRESS:					
CITY:	STATE:	ZIP:	CITY:	STATE:	ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE:	FAX:		PHONE:	FAX:			
PROJECT NAME/SITE NAME:		ATTN: Reporting		ATTN: Accounts Payable		☐ 1 ☐ 2 ☐ 3 ☒ 5	
		COMMENTS: Please email results to reporting@paradigmenv.com				Date Due:	

REQUESTED ANALYSIS														REMARKS	PARADIGM LAB SAMPLE NUMBER			
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER												
19/22/21	1030		X	L1-RW2-Annual/2021	GW	2	X							214297-01				
29/22/21	1120			L1-RW3-Annual/2021		1								02				
39/21/21	1445			L1-RW4-Annual/2021		1								03				
4	1130			L1-RW5-Annual/2021		1								04				
5	0958			L1-RW6-Annual/2021		1								05				
6	1415			L1-B102MW-Annual/2021		6								06 msl/msd				
7/12/21	0917			L1-B106MW-Annual/2021		2								07				
8/12/21	0947			L1-B108MW-Annual/2021		1								08				
9/12/21	1328			L1-B108MW-Annual/2021		1								09				
10																		

LAB USE ONLY BELOW THIS LINE

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

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

Client	
Sampled By Molly Kail	Date/Time 9/24/21 10830
Relinquished By Seem G. Moore	Date/Time 9/24/21 12:40
Received By William	Date/Time 9/24/21 4:29 PM
Received @ Lab By	Date/Time

Total Cost:

P.I.F.





Experience is the solution

314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

All service rendered by the **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

- (a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.**'s performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.
- (b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.
- (c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.
- (d) In no event shall **Adirondack Environmental Services, Inc.**, its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.
- (e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**
- (f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.
- (g) Payments by Credit Card/Purchase Cards are subject to a 3% additional charge.

Data Validation Services

120 Cobble Creek Rd PO Box 208

North Creek, NY 12853

Phone (518) 251-4429

harry@frontiernet.net

April 7, 2022

Laura Best

Stantec

61 Commercial St.

Rochester, NY 14614

RE: Validation of the 33 Litchfield Old Carriage Factory Remediation Site Analytical Data
Data Usability Summary Report (DUSR)
Paradigm SDG Nos. 203943 and 214297

Dear Ms. Best:

Review has been completed for the data package generated by Paradigm Environmental Services, Inc that pertains to samples collected between 08/19/20 and 09/22/21 at the 33 Litchfield Carriage Factory site. Eighteen aqueous samples and two field duplicates were analyzed for TCL volatiles. Matrix spikes and a trip blank were also processed. Analytical methodologies are those of the USEPA SW846 8260C. Data pertaining to other reported analytes do not require validation review.

The data package submitted by the laboratory contains full deliverables for validation, and this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, in accordance with the project QAPP, with guidance from the USEPA national and regional validation documents, and in consideration for the specific requirements of the analytical methodology. The following items were reviewed:

- * Data Completeness
- * Case Narrative
- * Custody Documentation/Sample Receipt
- * Holding Times
- * Surrogate and Internal Standard Recoveries
- * Calibration/Trip/Method Blanks
- * Laboratory Control Sample (LCS)
- * Matrix Spike Recoveries and Duplicate Correlations
- * Blind Field Duplicate Correlations
- * Instrumental Tunes
- * Calibration Standards
- * Method Compliance
- * Sample Result Verification

The data review includes evaluation of the specific items noted in The NYS DER-10 Appendix B section 2.0 (c). The items listed above that show deficiencies are discussed within the text of this narrative. The laboratory QC forms illustrating the excursions can be found within the laboratory data package.

In summary, most results are usable either as reported or with minor qualification or edit. However, the results for one volatile analyte are rejected due to poor instrument response.

Client sample identifications are attached to this text, and should be reviewed in conjunction with this report. Also attached is the client EDD file, with recommended qualifiers/edits applied in red.

Chain-of-Custody/Sample Receipt

The laboratory chains of custody do not have sufficient fields for relinquish entries, and therefore the final receipt entries are not preceded by relinquish entries.

The custody forms should have fields to indicate preservation. The sample pHs were not recorded in the designated volatile preparation/analysis log field. The samples were processed within the holding time for unpreserved samples, so no additional action was taken.

General

The data deliverables are not in compliance with NYS category B. The Paradigm sample report forms do not include the required information such as volume of sample, dilution factor, preparation date, etc. There is no table of contents, but the file is bookmarked.

Blind Field Duplicate Correlations

The aqueous field duplicate evaluations were performed at locations LI-RW-9-PS42 and LI-B106MW-Annual 2021, and show correlations within validation guidelines.

Volatile Analyses by EPA8260C

Numerous samples exhibit outlying surrogate recoveries, and the affected samples were not reanalyzed. The results for five samples collected in August 2020 show recoveries below the laboratory acceptance limit, and have therefore been qualified as estimated. The affected samples are: LI-RW6-PS42, LI-RW9-PS42, LI-B106MW-PS42, LI-B108MW-PS42, and LI-FD-PS42. Because the recoveries are so marginally low in LI-RW9-PS42, LI-B108MW-PS42, and LI-FD-PS42, there is not a significant impact on the usability of those results. The samples collected in September 2021 all exhibit one or more elevated recoveries, and results for detected analytes in all of the samples have been qualified as estimated, with a high bias. Because associated QC without a matrix, such as a laboratory control and the trip blank, also show elevated recoveries, the outliers are apparently a result for laboratory processing.

Matrix spikes were performed on LI-B102MW-PS42 and LI-B102MW-Annual 2021, and show recoveries and correlations within validation guidelines for the evaluated analytes. Not all of the target analytes are evaluated with acceptance ranges in the matrix spikes and LCSs, but most were spiked, and recoveries were provided on request. Those recoveries are reasonable with the exception of relatively low recoveries for acetone in the matrix spikes of LI-B102MW-Annual 2021. The result for that compound has been qualified as estimated in that parent sample.

Due to low responses inherent in the methodology, the results for 1,4-dioxane are rejected and not usable. Other calibration standards show acceptable responses, with the exception of those for 1,2,3-trichlorobenzene and 1,2,4-trichlorobenzene in the calibration associated with all samples collected in August 2020 except LI-RW3-PS42, LI-RW5-PS42, and LI-B102MW-PS42. The results for those two analytes have been qualified as estimated in the associated samples.

The results for the trip blanks have been qualified as estimated, with a possible low bias, due to outlying holding time from fill to analysis.

Internal standard recoveries are compliant. Blanks show no contamination.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

A handwritten signature in cursive script that reads "Judy Harry".

Judy Harry

Att: Validation Qualifier Definitions
Client and Laboratory Sample IDs
Qualified Client EQUIS EDDs

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
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.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Sample Summaries

BATCH LOG

Lab Name: Paradigm Environmental Services
Lab Project #: 203943
Client Name: Stantec
Client Project Name: Carriage Factory
Client Project #: N/A
SDG No.: 3943-01

Protocol: SW846Report Due Date: 9/4/2020

Batch Due Date:

9/19/2020

[illegible]

BATCH LOG

Lab Name: Paradigm Environmental Services
Lab Project #: 214297
Client Name: Stantec
Client Project Name: Carriage Factory
Client Project #: N/A
SDG No.: 4297-01

Protocol: SW846

Report Due Date: 10/6/2021

Batch Due Date:

10/23/2021

[illegible]

APPENDIX D

ANNUAL SITE INSPECTION FORM



Inspection Date: February 16, 2022 (interior) / March 8, 2022 (exterior)

Time Period Inspection Covers: March 16, 2021 – March 16, 2022

Inspector(s): Dan Allen **Weather:** Cloudy, Low 30s (3/8/22)

- 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. In all cases the floors 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 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. See accompanying *Periodic Review Report* for a description of activities related to the curb box replacement at RW-5.
- 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. **Area 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.