2018 PERIODIC REVIEW REPORT
FORMER CARRIAGE FACTORY
NYSDEC SITE #C828184

33 LITCHFIELD STREET
ROCHESTER, MONROE COUNTY,
NEW YORK

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

Prepared on behalf of:
Carriage Factory Special
Needs Apartments, L.P.
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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 (see 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, 2017 to March 16, 2018.

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

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

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

near the Site exceeded 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, a SSDS has been installed to mitigate the potential for sub-slab vapors to enter the building.
- Exterior Soils - Virtually all of 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 of 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 continue the ERD process. Consequently, CVOC concentrations continued to decline in all wells.

1.2 SITE MANAGEMENT REQUIREMENTS

Site Management activities were implemented in accordance with the NYSDEC-approved Site Management Plan (SMP) for the Site. 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:
  - The SSDS is operated continuously to mitigate the potential for SVI.
  - Operation of the elevator pit sump pump and pumping to a sanitary sewer for treatment at an approved POTW (groundwater extraction and ex-situ treatment).
  - The soil cover system, building floor slabs, and sub-slab vapor barrier are maintained. 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.

  - Components of the in-situ groundwater remediation system which includes piping installed beneath the building slab and access points located immediately to the south of the building remain intact and undisturbed.
  - Other than sampling for monitoring purposes, the use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Monroe County Department of Health to render it safe for use for its intended, non-potable industrial purpose, and 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. The 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
- Recording of vacuum levels at SSDS fan manometers located in the fifth-floor utility room.

Data is recorded on the Monthly Monitoring Form provided in Appendix I of the SMP and is included here as Table 1. Field logs are provided in Appendix B.

1.3 EFFECTIVENESS OF THE REMEDIAL PROGRAM

1.3.1 Groundwater Sampling

During the reporting period covered by this PRR, two post-supplemental-injection (PS) groundwater sampling events were completed: August 2017 (21 months or 1 ¾ years PS) and February 2018 (27 months or 2 ¼ years PS). As per the SMP, the following wells have been included in each sampling event: RW-1, RW-2, RW-3, RW-4, RW-5, RW-6, RW-7, RW-9, RW-12, B102-MW, B106-MW, and B108-MW. Well locations are provided on Figure 2. Analytical results from these two events, in addition to previous groundwater sampling results, are included on Table 2, and laboratory analytical reports are included in Appendix C. As specified in the SMP, all groundwater monitoring analytical results have been validated by a qualified professional (Data Validation Services of North Creek, NY) and Data Usability

Summary Reports (DUSRs) for the groundwater sampling data are provided in Appendix D. Figure 3 shows concentrations of CVOCs at the wells listed above over time. Table 3 displays 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 displays groundwater elevations calculated from water level gauging data collected during each of the groundwater sampling events that have occurred during the reporting period as well as previous events.

Analytical results from the 2017-2018 groundwater sampling events indicate that PCE and TCE continued to degrade into daughter products cis- and trans-1,2-DCE and VC before proceeding to complete destruction.

Dissolved-phase concentrations of the Site contaminants of concern (COCs) were above regulatory groundwater standards in August 2017 at eight (8) of the twelve (12) monitoring well locations sampled: B102-MW for VC; B-106-MW for VC; B108-MW for cis-1,2-DCE and VC; RW-1 for VC; RW-2 for cis-1,2-DCE and VC; RW-3 for VC; RW-5 for cis-1,2-DCE and VC; and RW-6 for cis-1,2-DCE and VC. All eight locations, however, exhibited only daughter products, as a result of continued parent compound degradation, at levels exceeding groundwater SGVs.

Dissolved-phase concentrations of the Site COCs were below regulatory groundwater standards in February 2018 at 9 of the 12 monitoring well locations. The groundwater exceedances were reported at the following locations: B108-MW for PCE; RW-5 for cis-1,2-DCE and VC; and RW-6 for cis-1,2-DCE and VC. Two of the three locations (RW-5 and RW-6) exhibited only daughter products at levels exceeding groundwater SGVs. The daughter products have likely migrated from the treatment zone beneath the building (well RW-5 is located cross-gradient and well RW-6 is located downgradient). The concentrations were substantially less in the 2017-2018 than in previous events. PCE was reported in B108-MW at a concentration of 8.76 µg/L. Monitoring well B108-MW is located near the upgradient corner of the building and was the only well to exhibit PCE above standards.

Monitoring of geochemistry parameters indicates conditions are anaerobic and slightly reducing (ORP 0 to -100 mV) within the treatment area of the Site. The lowest ORP levels were measured for the wells located beneath the building. While the ERD process is likely rate-limited due to low TOC levels, the lack of parent compounds (PCE and TCE) detected at RW-5 and RW-6 are an indication that bioremediation of the PCE detected at B108-MW is likely still occurring.

1.3.2 Sub-Slab Depressurization System Monitoring

The SSDS active parameters are monitored monthly by CFSNA. This includes collecting vacuum readings from the manometers and confirming that the fans are powered on. These observations are presented on Table 1 and copies of the field sheets are presented in Appendix B. The fans remained powered on for the duration of this reporting period except for a controlled shut-off for approximately 2 hours on February 13, 2018 to allow condensate to drain the SSDS riser pipes. 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.

As recommended in the previous PRR, monitoring of the six vacuum monitoring points (VMPs) located throughout the building (see locations 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. Additionally, on February 13, 2018, the SSDS fans were shut off for approximately two hours to allow condensate in the riser pipes to drain back into the sub-slab gravel, as recommended in previous PRRs. This appeared to have improved vacuum at all six VMPs. In summary, the SSDS has maintained its area of influence beneath the building, and the vacuum readings have satisfied the minimum negative pressure differential of 0.002 IWC required by the New York State Department of Health (NYSDOH) guidance. The readings ranged from 0.008 in VMP-1 (February 2018) to 0.195 IWC in VMP-5 (May 2017).

An annual SSDS monitoring event was conducted in February 2018. 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. The VMP data is illustrated on Figure 4.

In addition to the data collected during the annual SSDS monitoring event in February 2018, the system components and building floor were inspected for visible cracks or audible indications of air leakage. 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. A slight gurgling sound was observed on May 8, 2017 and February 13, 2018 in one or both of the SSDS Riser Pipes 1 and 2 (Riser Pipe 3 is currently inaccessible as it is located behind a wall) suggesting that condensate or groundwater may have been present in the lower portions of the riser pipes. This observation prompted the previously noted temporary 2-hour shutdown of the SSDS to allow the condensate to drain.

1.3.3 Intrusive Activities

No intrusive work that disturbed the building floor slab or the exterior Site cover was undertaken during the current reporting period.

1.3.4 Sump Sampling

On a quarterly basis Stantec collected a sample from the groundwater sump located in the elevator pit which drains to the building sanitary plumbing discharge. These samples were analyzed for Halogenated VOCs and the metals Cd, Cu, Pb, and Zn as required by MCDES under sewer use permit IWC-996. The analytical results were well below permit discharge limits and VOCs have not been detected in sump samples since September 2014. Analytical results for the sump samples are presented on Table 6.

In addition to the water pumped from the sump, Stantec also has discharged groundwater purged during sampling to the building sanitary discharge as outlined in the permit. The purge water is sampled, and the results approved by MCDES, prior to discharge. Analytical results for the purge water are presented on Table 6.

A facility inspection was performed by Mr. Don Wolf and Mr. Steven Smith of MCDES on February 1, 2018. A copy of the Inspection Report is provided in Appendix E. A copy of the Regulatory Monitoring Report, issued February 23, 2018, is also included in Appendix E.

As of March 16, 2018, a combined total of 7,939 gallons of elevator sump water and groundwater has been discharged to the sanitary sewer.

1.4 COMPLIANCE

Compliance with the SMP was maintained throughout the reporting period.

1.5 RECOMMENDATIONS

Based on the relatively low dissolved-phase concentrations of the COCs, no additional actions are recommended other than continued groundwater monitoring as residual impacts are naturally attenuated.

The 2017 PRR recommended that wells B102-MW and RW-12 be eliminated from future sampling since both of the wells had not exhibited exceedances of groundwater standards for one year. NYSDEC approved this modification to the sampling well network in a letter dated May 10, 2017. However, wells B102-MW and RW-12 were inadvertently sampled in the August 2017 and February 2018 groundwater monitoring events. Results for well RW-12 exhibited low-level or non-detectable concentrations of COCs below groundwater standards. Therefore, Stantec will implement the removal of RW-12 from the sampling well network from future sampling events. Well B102-MW, however, exhibited a slight exceedance of the VC standard in August 2017 (2.44 µg/L vs. the standard of 2 µg/L). VC was not detected above reporting limits in the sample collected in February 2018. Stantec recommends that well B102-MW continue to be sampled until results indicate that VC is stable below regulatory criteria for one year.

Additionally, based on the analytical results from the August 2017 and February 2018 groundwater monitoring, it is recommended that well RW-7 be eliminated from future sampling events since this well has not exhibited exceedances of groundwater standards for over a year.

It is recommended that sampling of the wells remaining in the monitoring network (excluding RW-7 and RW-12 should NYSDEC approve the removal of RW-7 from sampling) be continued in accordance with the methodology set out in the SMP and the Enhanced Reductive Dechlorination – Supplemental Injection Work Plan (Injection Work Plan). It is proposed to continue the semi-annual frequency approved by the NYSDEC in November 2016 for the second round of sampling planned for 2018 (Quarter 3 in August 2018). It is further proposed that an annual monitoring frequency be adopted for the 10 wells remaining in the sampling program

beginning in 2019, assuming results from August 2018 continue to demonstrate contaminant reduction and plume degradation, and do not indicate rebound. If these recommendations are acceptable to NYSDEC, the annual monitoring event (beginning in 2019) is proposed for Quarter 3 to capture contaminant levels in the drier summer season.

It is recommended that VMP measurements continue to be made at a quarterly frequency, and if a significant drop in overall vacuum level is observed, an effort be made to drain condensate from the vapor extraction wells. An initial effort could be made by shutting down the fans for approximately two hours during summer inspections (when adequate first-floor ventilation could be maintained) to allow any condensate to drain back into the slab sub-base material. This would be a temporary remedy as the condensate may again collect in the base portions of the extraction wells over time. If this is found to occur during consecutive quarters, it may be prudent to install drain ports in the vapor extraction wells.

Coordination between CFSNA staff and Stantec will continue to ensure effective implementation of the SMP, including monthly reminders to record SSDS readings from the fifth-floor utility room.

No change to the currently approved frequency of PRR (currently annual) is recommended at this time.

2.0 REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

Based upon the data obtained and observations made, the ECs appear to be performing well, 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 groundwater and SSDS monitoring events and related observations that took place during this reporting period, it appears that the SSDS has maintained sufficient vacuum influence beneath the building.

In accordance with the methodology and schedule set out in the SMP, the Injection Work Plan, the 2017 PRR, and the groundwater sampling frequency established in November 2016, it is proposed to continue: (i) the quarterly sampling and analysis of the elevator sump; (ii) annual groundwater sampling at 10 monitoring wells (not including RW-12, which has been approved for removal from the sampling program, and RW-7, which is proposed for elimination from sampling) pending results of the August 2018 monitoring and NYSDEC approval; and (iii) the quarterly vacuum measurement of the VMPs.

3.0 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 has been operated continuously and is currently achieving adequate sub-slab depressurization.

- The elevator sump pump continued operation 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:

- Verifying 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 located in the fifth-floor utility room.

4.0 OVERALL CONCLUSIONS AND RECOMMENDATIONS

Based on the sampling results and observations from the August 2017 and February 2018 groundwater sampling events, as well as previous events, it is recommended that well RW-7 be eliminated from future sampling since results from this well have been below groundwater standards for two years. It is proposed to continue sampling the on- and off-site wells in accordance with the methodology set out in the SMP and the Injection Work Plan at the semi-annual frequency established in November 2016 for one more event (Q3 – August 2018). Assuming results from the August 2018 sampling continue to demonstrate contaminant plume degradation, an annual frequency of groundwater sampling is proposed to be implemented in 2019. The annual event is recommended to occur in the third quarter such that the first annual event following the August 2018 sampling would occur in August 2019. The elevator sump will continue to be sampled on a quarterly basis as required by the MCDEDS permit.

Based on the 2018 annual SSDS monitoring event, 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. Stantec will provide monthly reminders to CFSNA to make sure the data is recorded as specified in the SMP.

No change to the currently approved frequency of PRR (currently annual) is recommended at this time.

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)	
3/21/17	DePaul	2.4	2.4	2.0	Y	Y	Y	
4/25/17	DePaul	2.4	2.4	2.0	Y	Y	Y	
5/4/17	DePaul	2.2	2.3	2.0	Y	Y	Y	
5/8/17	Stantec	2.2	2.3	2.0	Y	Y	Y	
5/15/17	DePaul	2.0	2.4	2.0	Y	Y	Y	
5/23/17	Stantec	2.2	2.4	2.0	Y	Y	Y	
6/1/17	DePaul	2.2	2.4	2.0	Y	Y	Y	
6/8/17	DePaul	2.2	2.4	2.0	Y	Y	Y	
6/15/17	DePaul	2.2	2.2	2.0	Y	Y	Y	
6/24/17	DePaul	2.2	2.4	2.0	Y	Y	Y	
7/2/17	DePaul	2.2	2.4	2.0	Y	Y	Y	
7/9/17	DePaul	2.2	2.4	2.0	Y	Y	Y	
7/19/17	DePaul	2.2	2.2	2.0	Y	Y	Y	

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		FAN-1 (west)	FAN-2 (center)	FAN-3 (east)	FAN-1 (west)	FAN-2 (center)	FAN-3 (east)	
7/31/17	DePaul	2.2	2.2	2.0	Y	Y	Y	
8/6/17	DePaul	2.2	2.4	2.0	Y	Y	Y	
8/11/17	DePaul	2.4	2.4	2.0	Y	Y	Y	
9/5/17	DePaul	2.4	2.4	2.0	Y	Y	Y	
10/12/17	DePaul	2.4	2.2	2.0	Y	Y	Y	
11/14/17	Stantec	2.3	2.3	2.0	Y	Y	Y	
12/8/17	DePaul	2.4	2.1	2.0	Y	Y	Y	
1/10/18	DePaul	2.4	2.3	2.0	Y	Y	Y	
2/2/18	Stantec	2.5	2.4	2.0	Y	Y	Y	
2/13/18[2]	Stantec	2.5 / 2.3	2.5 / 2.3	2.1 / 2.0	Y	Y	Y	
2/14/18	DePaul	2.5	2.3	2.1	Y	Y	Y	
3/16/18	DePaul	2.4	2.3	2.0	Y	Y	Y	

Notes:

[1] If one or more pilot lights are OFF, contact Stantec immediately at 585-413-5266

[2] On February 13, 2018, Stantec turned off the fans for approximately two hours to allow condensate to drain from the risers. The first reading was collected prior to turning off the fans, and the second reading was collected after turning the fans back on.

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	28-May-14	2-Jul-14	6-Aug-14	28-Oct-14	3-Feb-15	3-Feb-15	4-May-15	4-May-15	12-Aug-15	12-Aug-15
Sample ID			LI-B101MW-GW1	LI-B101MW-GW1DUP	LI-B102MW-GW1	LI-B102-MW	LI-DUP-MW	LI-B102-MW-PI1	LI-B102-MW-PI2	LI-B102-MW-PI3	LI-B102-MW-PI6	LI-B102-MW-PI9	LI-DUP-PI9	LI-B102-MW-PI12	LI-DUP-PI12	LI-B102-MW-PI15	LI-DUP-PI15
Sampling Company			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
Laboratory Work Order			E2314	E2314	E2342	141138	141138	142196	142794	143439	144730	150382	150382	151696	151696	153411	153411
Laboratory Sample ID			E2314-01	E2314-02	E2342-04	141138-11	141138-14	142196-07	142794-09	143439-10	144730-10	150382-05	150382-13	151696-11	151696-10	153411-06	153411-07
Sample Type	Units	TOGS		Field Duplicate			Field Duplicate						Field Duplicate		Field Duplicate		Field Duplicate
General Chemistry																	
Total Organic Carbon	µg/L	n/v	-	-	-	6,000	4,600	15,200	146,000	24,600	7,300	6,500	6,000	5,400	5,300	7,500 J-	7,400 J-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																	
Aluminum	µg/L	n/v	36.9	32.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3[A]	***12.5 U***	***12.5 U***	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25[A]	5.000 U	5.000 U	-	10 U	10 U	10 U	10 U	10 UJ	10 U	5.98 J	6.89 J	7.92 J	10.4	19.5 J-	23.5 J-
Barium	µg/L	1,000[A]	62	69.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	3[B]	1.500 U	1.500 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5[A]	1.500 U	1.500 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	121,000	132,000	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	µg/L	50[A]	2.500 U	2.500 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/L	n/v	7.500 U	7.500 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200[A]	5.000 U	5.000 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	µg/L	300.[A]	25.0 U	25.0 U	-	100 U	100 U	**4,330[A]**	**9,940[A]**	**6,480[A]**	**10,700[A]**	**13,900[A]**	**13,600[A]**	**10,000[A]**	**10,100[A]**	**17,000 J-[A]**	**18,400 J-[A]**
Lead	µg/L	25[A]	12.6	12.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35,000[B]	30,600	33,100	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300.[A]	5.42 J	5.53 J	-	**694[A]**	**675[A]**	**1,070[A]**	**2,280[A]**	**1,200[A]**	**1,060[A]**	**844[A]**	**838[A]**	**945[A]**	**949[A]**	**1,980 J-[A]**	**2,010 J-[A]**
Mercury	µg/L	0.7[A]	0.200 U	0.200 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100[A]	2.52 J	10.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	9,810	11,100	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10[A]	5.92	4.23 J	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50[A]	2.500 U	2.500 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20,000[A]	**24,700[A]**	**27,600[A]**	-	18,500	18,100	**41,100[A]**	**169,000[A]**	**83,100 M[A]**	**63,800[A]**	**58,000[A]**	**58,900[A]**	**49,800[A]**	**50,300[A]**	**450,000 J-[A]**	**455,000 J-[A]**
Thallium	µg/L	0.5[B]	***10.0 U***	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2,000[B]	12.4	10.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds																	
Acetone	µg/L	50[B]	25 U	25 U	25 U	10.0 U	10.0 U	10.0 U	6.54 J	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 UJ	10.0 UJ
Benzene	µg/L	1[A]	***5 U***	***5 U***	***5 U***	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 UJ	1.00 UJ
Bromodichloromethane	µg/L	50[B]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ
Bromoform (Tribromomethane)	µg/L	50[B]	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ
Bromomethane (Methyl bromide)	µg/L	5...[A]	5 U	5 U	5 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 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	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ
Carbon Tetrachloride (Tetrachloromethane)	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 UJ	2.00 UJ
Chlorobenzene (Monochlorobenzene)	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 UJ	2.00 UJ
Chlorobromomethane	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 UJ	5.00 UJ
Chloroethane (Ethyl Chloride)	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 UJ	2.00 UJ
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[A]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ
Chloromethane	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 UJ	2.00 UJ
Cyclohexane	µg/L	n/v	5 U	5 U	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[A]	***5 U***	***5 U***	***5 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 UJ***
Dibromochloromethane	µg/L	50[B]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ
Dichlorobenzene, 1,2-	µg/L	3[A]	***5 U***	***5 U***	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ
Dichlorobenzene, 1,3-	µg/L	3[A]	***5 U***	***5 U***	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ
Dichlorobenzene, 1,4-	µg/L	3[A]	***5 U***	***5 U***	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ
Dichlorodifluoromethane (Freon 12)	µg/L	5...[A]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ
Dichloroethane, 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 UJ	2.00 UJ
Dichloroethane, 1,2-	µg/L	0.6[A]	***5 U***	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***
Dichloroethene, 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 UJ	2.00 UJ
Dichloroethene, cis-1,2-	µg/L	5...[A]	5 U	5 U	**7.5[A]**	4.45	4.44	4.61	**7.04[A]**	**68.7[A]**	**7.01[A]**	2.00 U	2.00 U	4.10	4.11	2.75 J-	2.74 J-
Dichloroethene, trans-1,2-	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 UJ	2.00 UJ
Dichloropropane, 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 UJ***	***2.00 UJ***
Dichloropropene, cis-1,3-	µg/L	0.4[p,A]	***5 U***	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***
Dichloropropene, trans-1,3-	µg/L	0.4[p,A]	***5 U***	***5 U***	***5 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 UJ***	***2.00 UJ***
Dioxane, 1,4-	µg/L	n/v	100 U	100 U	100 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	20.0 UJ	20.0 UJ	20.0 U R	20.0 U R

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			B101MW		B102MW													
Sample Date			21-May-13	21-May-13	22-May-13	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	12-Aug-15	12-Aug-15	
Sample ID			LI-B101MW-GW1	LI-B101MW-GW1DUP	LI-B102MW-GW1	LI-B102-MW	LI-DUP-MW	LI-B102-MW-PI1	LI-B102-MW-PI2	LI-B102-MW-PI3	LI-B102-MW-PI6	LI-B102-MW-PI9	LI-DUP-PI9	LI-B102-MW-PI12	LI-DUP-PI12	LI-B102-MW-PI15	LI-DUP-PI15	
Sampling Company			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	
Laboratory Work Order			E2314	E2314	E2342	141138	141138	142196	142794	143439	144730	150382	150382	151696	151696	153411	153411	
Laboratory Sample ID			E2314-01	E2314-02	E2342-04	141138-11	141138-14	142196-07	142794-09	143439-10	144730-10	150382-05	150382-13	151696-11	151696-10	153411-06	153411-07	
Sample Type	Units	TOGS		Field Duplicate			Field Duplicate						Field Duplicate		Field Duplicate		Field Duplicate	
Volatile Organic Compounds (cont'd)																		
Ethylbenzene	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 UJ	2.00 UJ	
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[A]	***5 U***	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***	
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	25 U	25 U	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	
Isopropylbenzene	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 UJ	2.00 UJ	
Isopropyltoluene, p- (Cymene)	µg/L	5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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 UJ	2.00 UJ	
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[B]	25 U	25 U	25 U	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	
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	25 U	25 U	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	
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 UJ	2.00 UJ	
Methylcyclohexane	µg/L	n/v	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	
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 UJ	5.00 UJ	
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 UJ	5.00 UJ	
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 UJ	2.00 UJ	
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 UJ	2.00 UJ	
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 UJ	2.00 UJ	
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 UJ	5.00 UJ	
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 UJ	5.00 UJ	
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 UJ	2.00 UJ	
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 UJ***	***2.00 UJ***	
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	2.38	2.42	2.00 UJ	2.00 UJ	
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 UJ	2.00 UJ	
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 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]	***5 U***	***5 U***	0.53 J	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]**	
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 UJ	2.00 UJ	
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 UJ	2.00 UJ	
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-	
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			On-Site Parking Lot																				
Sample Location			B102MW															RW-4					
Sample Date			1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	25-Apr-12	22-May-13	26-Mar-14	29-May-14	2-Jul-14	6-Aug-14	29-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	9-Aug-16	13-Feb-17	14-Aug-17	1-Feb-18
Sample ID			LI-B102-MW-PS3	LI-B102-MW-PS6	LI-B102-MW-PS9	LI-B102-MW-PS15	LI-B102-MW-PS21	LI-B102-MW-PS22	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	LI-RW-4-PS3	LI-RW-4-PS6	LI-RW-4-PS9	LI-RW-4-PS15	LI-RW-4-PS21	LI-RW-4-PS22
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			160464	161713	163436	170564	173804	180400	12:1770	E2342	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
Laboratory Sample ID			160464-06	161713-10	163436-10	170564-10	173804-10	180400-10	12:1770-01	E2342-03	141138-04	142196-13	142794-10	143439-04	144730-04	150382-11	151696-04	153411-13	160464-07	161713-04	163436-04	170564-04	173804-04	180400-04
Sample Type	Units	TOGS																					
General Chemistry																							
Total Organic Carbon	µg/L	n/v	39,400	5,220	2,620	1,780	-	-	-	-	-	8,200	339,000	63,000	6,900	5,900	5,400	15,000 J-	234,000	141,000	13,400	10,700	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	8.14	2.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.0	7.08
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 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	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	9.92 J+	9.13 J	7.45 J	10.0 UJ	10.0 UJ	10.0 U
Benzene	µg/L	1[A]	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 U	0.700 UJ	***5 U***	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 U
Bromodichloromethane	µg/L	50[B]	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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Bromoform (Tribromomethane)	µg/L	50[B]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 UJ	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Bromomethane (Methyl bromide)	µg/L	5..[A]	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 UJ	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	2.00 U	2.00 UJ	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 UJ	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	3.04	3.64	2.00 U	2.00 U	2.00 U	2.00 UJ	1.26 J	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 UJ	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	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 UJ	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	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 UJ	5.00 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	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 UJ	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	10.0 U R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[A]	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	2.00 U	1.91 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Chloromethane	µg/L	5..[A]	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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Cyclohexane	µg/L	n/v	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	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	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[A]	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***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***	***10.0 U***	***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	2.00 U	2.00 U	2.00 UJ	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	2.00 U	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 UJ	2.00 U	2.00 UJ	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	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 UJ	2.00 U	2.00 UJ	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	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 UJ	2.00 U	2.00 UJ	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5..[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	-	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	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 UJ	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	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 UJ***	***2.00 U***	***2.00 UJ***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***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 UJ	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichloroethene, cis-1,2-	µg/L	5..[A]	2.00 U	2.00 U	1.01 J	2.00 U	2.00 UJ	2.00 U	**23.1 J[A]**	**14.9[A]**	**6.41[A]**	**9.56[A]**	**13.4[A]**	**87.9[A]**	**47.3[A]**	**23.7[A]**	**14.8[A]**	**21.8 J-[A]**	**14.0[A]**	2.00 U	3.42	4.93	2.06 J-	1.17 J
Dichloroethene, trans-1,2-	µg/L	5..[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	1.11 J	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
Dichloropropane, 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 UJ***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Dichloropropene, cis-1,3-	µg/L	0.4[p][A]	***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***	***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***
Dichloropropene, trans-1,3-	µg/L	0.4[p][A]	***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***	***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***
Dioxane, 1,4-	µg/L	n/v	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	-	100 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 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

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			B102MW						RW-4															
Sample Date			1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	25-Apr-12	22-May-13	26-Mar-14	29-May-14	2-Jul-14	6-Aug-14	29-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	9-Aug-16	13-Feb-17	14-Aug-17	1-Feb-18
Sample ID			LI-B102-MW-PS3	LI-B102-MW-PS6	LI-B102-MW-PS9	LI-B102-MW-PS15	LI-B102-MW-PS21	LI-B102-MW-PS22	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	LI-RW-4-PS3	LI-RW-4-PS6	LI-RW-4-PS9	LI-RW-4-PS15	LI-RW-4-PS21	LI-RW-4-PS22
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	CCGE	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	E2342	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			160464	161713	163436	170564	173804	180400	12:1770	E2342-03	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
Laboratory Sample ID			160464-06	161713-10	163436-10	170564-10	173804-10	180400-10	12:1770-01	E2342-03	141138-04	142196-13	142794-10	143439-04	144730-04	150382-11	151696-04	153411-13	160464-07	161713-04	163436-04	170564-04	173804-04	180400-04
Sample Type	Units	TOGS																						
Volatile Organic Compounds (cont'd)																								
Ethylbenzene	µg/L	5[A]	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	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
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[A]	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	-	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 UJ	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Isopropylbenzene	µg/L	5[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Acetate	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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	2.00 U	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]	9.98 J	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	25 U	10.0 UJ	10.0 U	20.8 J	15.8	10.0 UJ	10.0 UJ	10.0 U	10.0 UJ	**58.1[B]**	16.1 NJ	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 UJ	5.00 U	5.00 UJ	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	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 UJ	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Methylcyclohexane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	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 UJ	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	5.00 U	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 UJ	5.00 U	5.00 UJ	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	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 UJ	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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	**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]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
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 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
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 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
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 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
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 UJ***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Trichloroethene (TCE)	µg/L	5[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	**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]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
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 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
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	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
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]	2.00 U	2.00 U	1.94 J	1.12 J	**2.44 J-[A]**	2.00 U	**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-	**7.98[A]**	2.00 U	**5.78 NJ[A]**	1.39 NJ	2.00 UJ	2.00 U
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 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	2.00 U	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 UJ	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Total VOC	µg/L	n/v	9.98	ND	2.95	1.12	2.44 J-	ND	110.96	92.3	85.48	110.28	135.62	209.95	105.63	43.3	47.59	39.13 J-	91.26	25.23	16.65	6.32	2.06 J-	1.17
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			On-Site Building														
Sample Location			RW-11			B106MW														
Sample Date			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	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18
Sample ID			RW-11	LI-RW-11-GW1	LI-RW-11	LI-B106MW-GW1	LI-B106-MW	LI-B106-MW-PI1	LI-B106-MW-PI2	LI-B106-MW-PI3	LI-B106-MW-PI6	LI-B106-MW-PI9	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
Sampling Company			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	CCGE	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:2523	E2342	141138	E2363	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
Laboratory Sample ID			12:2523-03	E2342-02	141138-09	E2363-03	141138-12	142196-06	142794-11	143439-11	144730-11	150382-06	151696-12	153411-05	160464-12	161713-11	163436-11	170564-11	173804-11	180400-11
Sample Type	Units	TOGS																		
General Chemistry																				
Total Organic Carbon	µg/L	n/v	-	-	-	-	-	188,000	514,000	77,600	4,000 J-	3,100 J+	1,500	3,200 J-	18,900	2,630	7,380	1,720	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.62	1.69
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]	-	-	-	-	-	**162,000[A]**	**375,000[A]**	**185,000[A]**	**59,200[A]**	**50,200[A]**	**40,100[A]**	**42,100 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]	-	25 U	10.0 U	25 U	10.0 U	10.0 U	12.9	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U
Benzene	µg/L	1[A]	-	***5 U***	1 U	***5 U***	1 U	1 U	0.842 J	0.391 J	1 U	1 U	1 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 U
Bromodichloromethane	µg/L	50[B]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	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 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Bromomethane (Methyl bromide)	µg/L	5...[A]	2.00 UJ	5 U	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 UJ	2.00 U	2.00 UJ	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]	-	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[A]	2.00 UJ	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5...[A]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Chlorobromomethane	µg/L	5...[A]	-	5 U Q	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5...[A]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[A]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Chloromethane	µg/L	5...[A]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ
Cyclohexane	µg/L	n/v	-	5 U	10.0 U	0.69 J	10.0 U	10.0 U	15.8	7.47 J	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[A]	-	***5 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***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 U***
Dibromochloromethane	µg/L	50[B]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichlorobenzene, 1,2-	µg/L	3[A]	2.00 U	***5 U***	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichlorobenzene, 1,3-	µg/L	3[A]	2.00 U	***5 U***	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichlorobenzene, 1,4-	µg/L	3[A]	2.00 U	***5 U***	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5...[A]	-	5 U	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 UJ	2.00 U	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	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichloroethane, 1,2-	µg/L	0.6[A]	***2.00 UJ***	***5 U***	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***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	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichloroethene, cis-1,2-	µg/L	5...[A]	2.00 U	5 U	2.00 U	**16.9[A]**	**6.89[A]**	**8.67[A]**	**28.4[A]**	**16.3[A]**	**40.4[A]**	**26.0[A]**	**10.2[A]**	**8.52 J-[A]**	2.00 U	2.00 U	**12.0[A]**	2.00 U	3.79 J-	2.00 U
Dichloroethene, trans-1,2-	µg/L	5...[A]	2.00 U	5 U	2.00 U	1.4 J	2.00 U	2.00 U	3.84	1.61 J	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.54	2.00 U	2.00 UJ	2.00 U
Dichloropropane, 1,2-	µg/L	1[A]	***2.00 U***	***5 U***	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Dichloropropene, cis-1,3-	µg/L	0.4[p][A]	***2.00 U***	***5 U***	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Dichloropropene, trans-1,3-	µg/L	0.4[p][A]	***2.00 U***	***5 U***	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Dioxane, 1,4-	µg/L	n/v	-	100 U R	20.0 U R	100 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 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

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			On-Site Building														
Sample Location			RW-11			B106MW														
Sample Date			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	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18
Sample ID			RW-11	LI-RW-11-GW1	LI-RW-11	LI-B106MW-GW1	LI-B106-MW	LI-B106-MW-PI1	LI-B106-MW-PI2	LI-B106-MW-PI3	LI-B106-MW-PI6	LI-B106-MW-PI9	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
Sampling Company			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	CCGE	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:2523	E2342	141138	E2363	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
Laboratory Sample ID			12:2523-03	E2342-02	141138-09	E2363-03	141138-12	142196-06	142794-11	143439-11	144730-11	150382-06	151696-12	153411-05	160464-12	161713-11	163436-11	170564-11	173804-11	180400-11
Sample Type	Units	TOGS																		
Volatile Organic Compounds (cont'd)																				
Ethylbenzene	µg/L	5[A]	-	5 U	2.00 U	5 U	2.00 U	2.00 U	1.79 J	1.20 J	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
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[A]	-	***5 U***	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	-	25 U	5.00 U	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Isopropylbenzene	µg/L	5[A]	-	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Acetate	µg/L	n/v	-	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[B]	-	25 U	10.0 UJ	25 U	10.0 UJ	10.7	**151 J[B]**	31.6	10.0 UJ	10.0 UJ	10.0 U	10.0 UJ	36.6	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	-	25 U	5.00 U	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10[B]	-	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Methylcyclohexane	µg/L	n/v	-	5 U	2.00 U	0.77 J	2.00 U	2.03	11.7	6.30	1.21 J	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	1.07 J	2.00 U	2.00 UJ	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5[A]	5.00 U	5 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 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
Naphthalene	µg/L	10[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5[A]	-	5 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5[A]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Tetrachloroethene (PCE)	µg/L	5[A]	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	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Toluene	µg/L	5[A]	-	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5[A]	-	5 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5[A]	-	5 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Trichloroethane, 1,1,1-	µg/L	5[A]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Trichloroethane, 1,1,2-	µg/L	1[A]	***2.00 U***	***5 U***	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Trichloroethene (TCE)	µg/L	5[A]	2.00 U	5 U	2.00 U	**12[A]**	**8.27[A]**	**5.11[A]**	**9.44[A]**	**16.6[A]**	2.23	2.00 U	2.12	1.62 J-	2.00 U	2.00 U	1.28 J	2.00 U	1.82 J-	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5[A]	2.00 UJ	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5[A]	-	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
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	**2.1 J[A]**	2.00 U	**2.84[A]**	**15.2[A]**	**7.60[A]**	**15.2[A]**	**12.8[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
Xylene, m & p-	µg/L	5[A]	-	***10 U***	2.00 U	***10 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Xylene, o-	µg/L	5[A]	-	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Total VOC	µg/L	n/v	ND	1.3	1.11	48.66	36.86	38.86	262.612	96.801	59.04	38.8	17.21	15.51 J-	37.92	ND	23	ND	7.75 J-	ND
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			On-Site Building															
Sample Location			B108MW															
Sample Date			23-May-13	26-Mar-14	28-May-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
Sample ID			LI-B108MW-GW1	LI-B108-MW	LI-B108-MW-PI1	LI-MW-DUP-PI1	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
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			E2363	141138	142196	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
Laboratory Sample ID			E2363-02	141138-13	142196-04	142196-05	142794-12	143439-12	144730-12	150382-07	151696-13	153411-04	160464-08	161713-12	163436-12	170564-12	173804-12	180400-12
Sample Type	Units	TOGS				Field Duplicate												
General Chemistry																		
Total Organic Carbon	µg/L	n/v	-	3,300	60,300	60,200	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
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	10 U	10 U	10 U	10 U	5.92 J	10.0 U	9.02 J-	-	-	-	-	-	-
Barium	µg/L	1,000[A]	54.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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]**	**978[A]**	**3,520[A]**	**2,480[A]**	**2,350[A]**	**2,660[A]**	**999[A]**	**3,540 J-[A]**	-	-	-	-	-	-
Lead	µg/L	25[A]	4.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35,000[B]	23,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300.[A]	46.4 J	187	184	179	217	158	106	87.6	81.8	131 J-	-	-	-	-	-	-
Mercury	µg/L	0.7[A]	0.200 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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]	**26,300[A]**	**33,000[A]**	**103,000[A]**	**101,000[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]	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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]	25 U	10.0 U	10.0 U	10.0 U	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
Benzene	µg/L	1[A]	***5 U***	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 U
Bromodichloromethane	µg/L	50[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 UJ	2.00 U MC	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Bromoform (Tribromomethane)	µg/L	50[B]	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Bromomethane (Methyl bromide)	µg/L	5[A]**	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 UJ	2.00 U MC	2.00 UJ	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]	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
Carbon Tetrachloride (Tetrachloromethane)	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
Chlorobenzene (Monochlorobenzene)	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
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 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Chloroethane (Ethyl Chloride)	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
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[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
Chloromethane	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
Cyclohexane	µg/L	n/v	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[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 UJ***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 U***
Dibromochloromethane	µg/L	50[B]	5 U	2.00 U	2.00 U	2.00 U	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
Dichlorobenzene, 1,2-	µg/L	3[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
Dichlorobenzene, 1,3-	µg/L	3[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
Dichlorobenzene, 1,4-	µg/L	3[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
Dichlorodifluoromethane (Freon 12)	µg/L	5[A]**	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichloroethane, 1,1-	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
Dichloroethane, 1,2-	µg/L	0.6[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***
Dichloroethene, 1,1-	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
Dichloroethene, cis-1,2-	µg/L	5[A]**	**5.7[A]**	2.00 U	**11.0[A]**	**10.9[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
Dichloroethene, trans-1,2-	µg/L	5[A]**	5 U	2.00 U	2.00 U	2.00 U	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
Dichloropropane, 1,2-	µg/L	1[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***
Dichloropropene, cis-1,3-	µg/L	0.4$_{tp}$[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 MC***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Dichloropropene, trans-1,3-	µg/L	0.4$_{tp}$[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***
Dioxane, 1,4-	µg/L	n/v	100 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 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

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			23-May-13	26-Mar-14	28-May-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
Sample ID			LI-B108MW-GW1	LI-B108-MW	LI-B108-MW-PI1	LI-MW-DUP-PI1	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
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			E2363	141138	142196	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
Laboratory Sample ID			E2363-02	141138-13	142196-04	142196-05	142794-12	143439-12	144730-12	150382-07	151696-13	153411-04	160464-08	161713-12	163436-12	170564-12	173804-12	180400-12
Sample Type	Units	TOGS				Field Duplicate												
Volatile Organic Compounds (cont'd)																		
Ethylbenzene	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
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[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***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	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
Isopropylbenzene	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
Isopropyltoluene, p- (Cymene)	µg/L	5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[B]	25 U	10.0 UJ	13.9	12.8	41.5 J	**63.8[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
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 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
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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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
Methylene Chloride (Dichloromethane)	µg/L	5[A]	5 U	4.93 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
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 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
Tetrachloroethane, 1,1,2,2-	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
Tetrachloroethene (PCE)	µg/L	5[A]	**15.9[A]**	**6.45[A]**	**10.1[A]**	**9.75[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]**
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 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
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
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
Trichloroethane, 1,1,1-	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
Trichloroethane, 1,1,2-	µg/L	1[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***
Trichloroethene (TCE)	µg/L	5[A]	**8.5[A]**	1.05 J	4.17	4.15	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
Trichlorofluoromethane (Freon 11)	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
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
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***	2.00 U	**2.75[A]**	**2.61[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
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 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Xylene, o-	µg/L	5[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
Total VOC	µg/L	n/v	30.1	12.43	41.92	40.21	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
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			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
Sample ID			RW-1	LI-RW-1-GW1	LI-RW-1	LI-RW-1-PI1	LI-RW-1-PI2	LI-RW-1-PI3	LI-RW1-PI6	LI-RW-1-PI9	LI-RW-1-PI12	LI-RW-1-PI15	LI-RW-1-PS3	LI-RW-1-PS6	LI-RW-1-PS9	LI-RW-1-PS15	LI-RW-1-PS21	LI-RW-1-PS22
Sampling Company			DECI	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
Laboratory Work Order			12:1239	E2363	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
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
Sample Type	Units	TOGS																
General Chemistry																		
Total Organic Carbon	µg/L	n/v	-	-	-	1,060,000	415,000	43,500	103,000	9,900	4,500	7,900	4,960	3,510	7,510	2,240	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.1	1.83
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
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 U	1.00 UJ	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 U	2.00 UJ	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 U	5.00 UJ	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 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	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
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 U	2.00 UJ	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 U	2.00 UJ	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 U	5.00 UJ	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 U	2.00 UJ	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 U	2.00 UJ	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 U	2.00 UJ	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 U	10.0 UJ	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 U***	***10.0 UJ***	***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 U	2.00 UJ	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 U	2.00 UJ	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 U	2.00 UJ	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 U	2.00 UJ	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 U	2.00 UJ	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 U	2.00 UJ	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 U***	***2.00 UJ***	***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 U	2.00 UJ	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]**	2.00 U	2.00 U	2.00 U	1.09 J	2.00 U	2.00 U	2.32	2.00 U	3.01 J-	2.00 U
Dichloroethene, trans-1,2-	µg/L	5...[A]	2.00 U	4.2 J	2.00 U	2.00 U	1.03 J	2.00 U	1.34 J	2.00 U	2.00 U	1.22 J	2.00 U	2.00 U	1.45 J	2.00 U	1.18 J-	2.00 U
Dichloropropane, 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***
Dichloropropene, cis-1,3-	µg/L	0.4$_{tp}$[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***
Dichloropropene, trans-1,3-	µg/L	0.4$_{tp}$[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***
Dioxane, 1,4-	µg/L	n/v	-	100 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 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

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			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
Sample ID			RW-1	LI-RW-1-GW1	LI-RW-1	LI-RW-1-PI1	LI-RW-1-PI2	LI-RW-1-PI3	LI-RW1-PI6	LI-RW-1-PI9	LI-RW-1-PI12	LI-RW-1-PI15	LI-RW-1-PS3	LI-RW-1-PS6	LI-RW-1-PS9	LI-RW-1-PS15	LI-RW-1-PS21	LI-RW-1-PS22
Sampling Company			DECI	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
Laboratory Work Order			12:1239	E2363	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
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
Sample Type	Units	TOGS																
Volatile Organic Compounds (cont'd)																		
Ethylbenzene	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
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[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***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	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
Isopropylbenzene	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
Isopropyltoluene, p- (Cymene)	µg/L	5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
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
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
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
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
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
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
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
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
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
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
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
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
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***
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
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
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
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
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
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
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
Volatile Organic Tentatively Identified Compounds																		
Total VOC TICs	µg/L	n/v	-	4.900 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

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

Area			On-Site Building															
Sample Location			RW-2															
Sample Date			23-Mar-12	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
Sample ID			RW-2	LI-RW-2-GW1	LI-RW-2	LI-RW-2-PI1	LI-RW-2-PI2	LI-RW-2-PI3	LI-RW2-PI6	LI-RW-2-PI9	LI-RW-2-PI12	LI-RW-2-PI15	LI-RW-2-PS3	LI-RW-2-PS6	LI-RW-2-PS9	LI-RW-2-PS15	LI-RW-2-PS21	LI-RW-2-PS22
Sampling Company			DECI	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
Laboratory Work Order			12:1239	E2314	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
Laboratory Sample ID			12:1239-02	E2314-03	141138-02	142196-10	142794-07	143439-02	144730-02	150382-02	151696-02	153411-02	160464-10	161713-02	163436-02	170564-02	173804-02	180400-02
Sample Type	Units	TOGS																
General Chemistry																		
Total Organic Carbon	µg/L	n/v	-	-	3,200	553,000	150,000	259,000	23,900	9,800	2,700	10,100	81,100	5,520	7,970	1,900	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.73	1.93
Metals																		
Aluminum	µg/L	n/v	-	64.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3[A]	-	***12.5 U***	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25[A]	-	5.000 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	5.33 J	-	-	-	-	-	-
Barium	µg/L	1,000[A]	-	59.7 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	3[B]	-	1.500 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5[A]	-	1.500 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	87,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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]	-	169	300	**2,220[A]**	**1,210[A]**	**937[A]**	**1,430[A]**	**498[A]**	**1,850[A]**	**4,060[A]**	-	-	-	-	-	-
Lead	µg/L	25[A]	-	9.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35,000[B]	-	29,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300.[A]	-	**305 J[A]**	120	233	60.8	108	187	47.5	66.3	118	-	-	-	-	-	-
Mercury	µg/L	0.7[A]	-	0.200 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100[A]	-	10.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	22,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10[A]	-	5.000 U N	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50[A]	-	2.500 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20,000[A]	-	**35,600[A]**	**39,100[A]**	**370,000[A]**	**290,000[A]**	**197,000[A]**	**152,000[A]**	**129,000[A]**	**60,600[A]**	**114,000[A]**	-	-	-	-	-	-
Thallium	µg/L	0.5[B]	-	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	-	10.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2,000[B]	-	14.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds																		
Acetone	µg/L	50[B]	10.0 U	**160[B]**	10.0 U	32.4	19.4	9.47 J	10.0 U	10.0 UJ	10.0 U	10.0 U	7.44 J+	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U
Benzene	µg/L	1[A]	0.700 U	***5 U***	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ	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 U	2.00 UJ	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 U	5.00 UJ	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 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	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
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 U	2.00 UJ	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 U	2.00 UJ	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 U	5.00 UJ	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 U	2.00 UJ	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[A]	2.00 U	0.67 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
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 U	2.00 UJ	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 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[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 U***	***10.0 UJ***	***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 U	2.00 UJ	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 U	2.00 UJ	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 U	2.00 UJ	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 U	2.00 UJ	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 U	2.00 UJ	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 U	2.00 UJ	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 U***	***2.00 UJ***	***2.00 U***
Dichloroethene, 1,1-	µg/L	5...[A]	2.00 U	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
Dichloroethene, cis-1,2-	µg/L	5...[A]	**26.6[A]**	**360 D[A]**	**38.8[A]**	**55.7[A]**	**51.3[A]**	**23.6[A]**	**87.7[A]**	4.37	2.00 U	**7.61[A]**	2.00 U	2.00 U	4.18	2.00 U	**5.89 J-[A]**	2.00 U
Dichloroethene, trans-1,2-	µg/L	5...[A]	2.43	**11.4[A]**	2.39	3.06	2.50	3.57	**12.8[A]**	2.00 U	1.17 J	1.32 J	2.00 U	2.00 U	3.40	2.00 U	2.00 UJ	2.00 U
Dichloropropane, 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***
Dichloropropene, cis-1,3-	µg/L	0.4$_{tp}$[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***
Dichloropropene, trans-1,3-	µg/L	0.4$_{tp}$[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***
Dioxane, 1,4-	µg/L	n/v	-	100 U	20.0 U R	20.0 U R	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

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			RW-2															
Sample Date			23-Mar-12	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
Sample ID			RW-2	LI-RW-2-GW1	LI-RW-2	LI-RW-2-PI1	LI-RW-2-PI2	LI-RW-2-PI3	LI-RW2-PI6	LI-RW-2-PI9	LI-RW-2-PI12	LI-RW-2-PI15	LI-RW-2-PS3	LI-RW-2-PS6	LI-RW-2-PS9	LI-RW-2-PS15	LI-RW-2-PS21	LI-RW-2-PS22
Sampling Company			DECI	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
Laboratory Work Order			12:1239	E2314	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
Laboratory Sample ID			12:1239-02	E2314-03	141138-02	142196-10	142794-07	143439-02	144730-02	150382-02	151696-02	153411-02	160464-10	161713-02	163436-02	170564-02	173804-02	180400-02
Sample Type	Units	TOGS																
Volatile Organic Compounds (cont'd)																		
Ethylbenzene	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
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[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***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	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
Isopropylbenzene	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
Isopropyltoluene, p- (Cymene)	µg/L	5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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 UJ	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 UJ	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
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	2.28	2.00 U	2.00 UJ	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 UJ	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 UJ	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
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
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 UJ	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
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
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
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
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***
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 UJ	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
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
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	**5.15 NJ[A]**	2.00 U	**2.45 J-[A]**	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 UJ	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
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
Volatile Organic Tentatively Identified Compounds																		
Total VOC TICs	µg/L	n/v	-	770.000 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

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

Area			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
Sample ID			RW-3	LI-RW-3-GW1	LI-RW-3	LI-RW-3-PI1	LI-RW-3-PI2	LI-RW-3-PI3	LI-RW3-PI6	LI-RW-3-PI9	LI-RW-3-PI12	LI-RW-3-PI15	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
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	E2342	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	161713	163436	170564	170564	173804	180400	180400
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	161713-13	163436-03	170564-03	170564-13	173804-03	180400-03	180400-13
Sample Type	Units	TOGS													Field Duplicate			Field Duplicate			Field Duplicate
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
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
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 U	1.00 U	1.00 UJ	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 U	2.00 UJ	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 U	5.00 U	5.00 UJ	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 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	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U
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 U	2.00 UJ	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 U	2.00 U	2.00 UJ	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 U	5.00 U	5.00 UJ	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 U	2.00 U	2.00 U	2.00 UJ	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 U	2.00 U	2.00 U	2.00 UJ	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 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 UJ
Cyclohexane	µg/L	n/v	-	5 U	10.0 U	50.0 U	50.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	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 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***
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	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	3[A]	2.00 U	***5 U***	2.00 U	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	3[A]	2.00 U	***5 U***	2.00 U	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	3[A]	2.00 U	***5 U***	2.00 U	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5..[A]	-	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 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U
Dichloroethane, 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 U	2.00 UJ	2.00 U	2.00 U
Dichloroethane, 1,2-	µg/L	0.6[A]	***2.00 U***	***5 U***	***2.00 U***	***10.0 U***	***10.0 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***
Dichloroethene, 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 U	2.00 UJ	2.00 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	5..[A]	**81.8[A]**	**130[A]**	3.77	**30.1[A]**	**90.5[A]**	**143[A]**	3.35	1.40 J	1.23 J	2.00 UJ	2.00 U	2.00 U	2.00 U	3.68	2.00 U	2.00 U	2.47 J-	2.00 U	2.00 U
Dichloroethene, trans-1,2-	µg/L	5..[A]	**10.2[A]**	**18.8[A]**	2.00 U	***10.0 U***	**7.12 J[A]**	3.16	4.47	**6.02[A]**	3.63	4.29 J-	2.77	1.32 J	1.12 J	3.81	2.00 U	2.00 U	2.46 J-	2.00 U	2.00 U
Dichloropropane, 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 U***	***2.00 UJ***	***2.00 U***	***2.00 U***
Dichloropropene, cis-1,3-	µg/L	0.4[p,A]	***2.00 U***	***5 U***	***2.00 U***	***10.0 U***	***10.0 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***
Dichloropropene, trans-1,3-	µg/L	0.4[p,A]	***2.00 U***	***5 U***	***2.00 U***	***10.0 U***	***10.0 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***
Dioxane, 1,4-	µg/L	n/v	-	100 U R	20.0 U R	100 U R	100 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 R	20.0 U R	20.0 U R

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			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
Sample ID			RW-3	LI-RW-3-GW1	LI-RW-3	LI-RW-3-PI1	LI-RW-3-PI2	LI-RW-3-PI3	LI-RW3-PI6	LI-RW-3-PI9	LI-RW-3-PI12	LI-RW-3-PI15	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
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	E2342	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	161713	163436	170564	170564	173804	180400	180400
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	161713-13	163436-03	170564-03	170564-13	173804-03	180400-03	180400-13
Sample Type	Units	TOGS													Field Duplicate			Field Duplicate			Field Duplicate
Volatile Organic Compounds (cont'd)																					
Ethylbenzene	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 U	2.00 UJ	2.00 U	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[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 U***	***2.00 UJ***	***2.00 U***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	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 U	5.00 UJ	5.00 U	5.00 U
Isopropylbenzene	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 U	2.00 UJ	2.00 U	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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 U	2.00 UJ	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 U	10.0 UJ	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 U	5.00 UJ	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
Methylcyclohexane	µg/L	n/v	-	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 U	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]	5.00 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 U	5.00 UJ	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 U	2.00 UJ	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 U	2.00 UJ	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 U	2.00 UJ	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 U	5.00 UJ	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 U	5.00 UJ	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 U	2.00 UJ	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 U***	***2.00 UJ***	***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 U	1.86 J-	2.00 U	1.13 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 U	2.00 UJ	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 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 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	**5.39 NJ[A]**	2.00 U	2.00 U	**5.80 J-[A]**	2.00 U	2.00 U
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 U	2.00 UJ	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 U	2.00 UJ	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
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															
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
Sample ID			RW-5	LI-RW-5-GW1	LI-RW-5	LI-RW-5-PI1	LI-RW-5-PI2	LI-RW-5-PI3	LI-RW5-PI6	LI-RW-5-PI9	LI-RW-5-PI12	LI-RW-5-PI15	LI-RW-5-PS3	LI-RW-5-PS6	LI-RW-5-PS9	LI-RW-5-PS15	LI-RW-5-PS21	LI-RW-5-PS22
Sampling Company			DECI	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
Laboratory Work Order			12:1770	E2314	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
Laboratory Sample ID			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
Sample Type	Units	TOGS																
General Chemistry																		
Total Organic Carbon	µg/L	n/v	-	-	3,300	141,000	299,000	86,700	8,700	4,600 J+	2,200	2,800 J-	4,990	2,490	3,690	1,780	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.81	1.89
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 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]	-	-	100 U	**2,500[A]**	**6,250[A]**	**6,000[A]**	**4,420[A]**	**4,760[A]**	**9,910[A]**	**7,480 J-[A]**	-	-	-	-	-	-
Lead	µg/L	25[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35,000[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300.[A]	-	-	69.2	69.1	102	60.4 B	47.8	25.7	29.8	38.9 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]	-	-	**39,500[A]**	**242,000[A]**	**312,000[A]**	**164,000[A]**	**85,200[A]**	**66,600[A]**	**44,600[A]**	**50,500 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	2.6 J	10.0 U	10.0 U	7.44 J	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U
Benzene	µg/L	1[A]	**1.13 J[A]**	***5 U***	1 U	0.737 J	0.358 J	1 U	0.507 J	1 U	1 U	0.509 J-	1.00 U	1.00 U	0.741 J	1.00 U	0.596 J-	1.00 U
Bromodichloromethane	µg/L	50[B]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Bromoform (Tribromomethane)	µg/L	50[B]	5.00 UJ	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Bromomethane (Methyl bromide)	µg/L	5...[A]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 UJ	2.00 U	2.00 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 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Chlorobenzene (Monochlorobenzene)	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Chloroethane (Ethyl Chloride)	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[A]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Chloromethane	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[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 UJ***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 U***
Dibromochloromethane	µg/L	50[B]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichlorobenzene, 1,2-	µg/L	3[A]	2.00 UJ	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichlorobenzene, 1,3-	µg/L	3[A]	2.00 UJ	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichlorobenzene, 1,4-	µg/L	3[A]	2.00 UJ	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichloroethane, 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 UJ	2.00 U	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 UJ***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Dichloroethene, 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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichloroethene, cis-1,2-	µg/L	5...[A]	**49.5 J[A]**	**18.2[A]**	**7.64[A]**	**32.7[A]**	**45.7[A]**	**46.0[A]**	**132[A]**	**8.81[A]**	4.52	**56.7 J-[A]**	2.00 U	2.00 U	**50.7[A]**	2.00 U	**32.1 J-[A]**	**6.29[A]**
Dichloroethene, trans-1,2-	µg/L	5...[A]	**5.63 J[A]**	2.2 J	1.10 J	2.92	1.89 J	1.32 J	3.78	2.00 U	2.00 U	2.09 J-	2.00 U	2.00 U	2.62	2.00 U	1.16 J-	2.00 U
Dichloropropane, 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 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Dichloropropene, cis-1,3-	µg/L	0.4$_p$[A]	***2.00 UJ***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Dichloropropene, trans-1,3-	µg/L	0.4$_p$[A]	***2.00 UJ***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Dioxane, 1,4-	µg/L	n/v	-	100 U	20.0 U R	20.0 U R	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

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-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
Sample ID			RW-5	LI-RW-5-GW1	LI-RW-5	LI-RW-5-PI1	LI-RW-5-PI2	LI-RW-5-PI3	LI-RW5-PI6	LI-RW-5-PI9	LI-RW-5-PI12	LI-RW-5-PI15	LI-RW-5-PS3	LI-RW-5-PS6	LI-RW-5-PS9	LI-RW-5-PS15	LI-RW-5-PS21	LI-RW-5-PS22
Sampling Company			DECI	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
Laboratory Work Order			12:1770	E2314	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
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Sample Type	Units	TOGS																
Volatile Organic Compounds (cont'd)																		
Ethylbenzene	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 UJ	2.00 U	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]	-	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	5.00 UJ	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Isopropylbenzene	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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 UJ	2.00 U	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	25 U	10.0 UJ	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
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 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10[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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 UJ	2.00 U	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	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 UJ	5.00 U	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	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5[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 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5[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 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Trichloroethane, 1,1,1-	µg/L	5[A]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
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 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	1.05 J-	2.00 U
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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5[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]**
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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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
Volatile Organic Tentatively Identified Compounds																		
Total VOC TICs	µg/L	n/v	-	5.500 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

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

Area			Off-Site Locations																	
Sample Location			RW-6																	
Sample Date			25-Apr-12	4-May-12	20-May-13	27-Mar-14	28-May-14	1-Jul-14	7-Aug-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
Sample ID			RW-6	RW-6	LI-RW-6-GW1	LI-RW-6	LI-RW-6-PI1	LI-RW-6-PI2	LI-RW-6-PI3	LI-FD-PI3	LI-RW6-PI6	LI-RW-6-PI9	LI-RW-6-PI12	LI-RW-6-PI15	LI-RW-6-PS3	LI-RW-6-PS6	LI-RW-6-PS9	LI-RW-6-PS15	LI-RW-6-PS21	LI-RW-6-PS22
Sampling Company			DECI	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	STANTEC	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:1770	12:1927	E2301	141138	142196	142794	143439	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
Laboratory Sample ID			12:1770-03	12:1927-01	E2301-01	141138-06	142196-02	142794-03	143439-06	143439-13	144730-06	150382-09	151696-06	153411-10	160464-02	161713-06	163436-06	170564-06	173804-06	180400-06
Sample Type	Units	TOGS								Field Duplicate										
General Chemistry																				
Total Organic Carbon	µg/L	n/v	-	-	-	3,400	360,000	96,600	99,700	102,000	62,900	14,000	3,000	2,800 J-	120,000	3,410	2,090	2,090	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.82	1.98
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 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]	-	-	-	**318[A]**	**1,140[A]**	**1,740[A]**	**850[A]**	-	**1,820[A]**	**1,480[A]**	**864[A]**	**1,240 J-[A]**	-	-	-	-	-	-
Lead	µg/L	25[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35,000[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300.[A]	-	-	-	25.9	66.9	53.5	35.9	-	38.7	34.7	30.9	32.2 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]	-	-	-	**37,800[A]**	**266,000[A]**	**167,000[A]**	**163,000[A]**	**178,000[A]**	**149,000[A]**	**91,700[A]**	**68,800[A]**	**63,200 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	***100 UJ***	4.2 J	***200 U***	***200 U***	10.0 U	***500 U***	***500 U***	***500 U***	50.0 UJ	50.0 U	50.0 UJ	***100 U***	***100 U***	***100 U***	20.0 UJ	10.0 UJ	10.0 U
Benzene	µg/L	1[A]	0.700 UJ	***7.00 U***	***5 U***	***20 U***	***20 U***	1 U	***50 U***	***50 U***	***50 U***	***5 U***	***5 U***	***5.00 UJ***	***10.0 U***	***10.0 U***	***10.0 U***	***2.00 U***	1.00 UJ	1.00 U
Bromodichloromethane	µg/L	50[B]	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	***100 U***	***100 U***	***100 U***	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U
Bromoform (Tribromomethane)	µg/L	50[B]	5.00 UJ	50.0 U	5 U	***100 U***	***100 U***	5.00 U	***250 UJ***	***250 UJ***	***250 U***	25.0 U	25.0 U	25.0 UJ	50.0 U	50.0 U	50.0 U	10.0 U	5.00 UJ	5.00 U
Bromomethane (Methyl bromide)	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 UJ***	***20.0 U***	4.00 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 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
Carbon Tetrachloride (Tetrachloromethane)	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
Chlorobenzene (Monochlorobenzene)	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
Chlorobromomethane	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
Chloroethane (Ethyl Chloride)	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
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	100 U R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[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
Chloromethane	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
Cyclohexane	µg/L	n/v	-	-	5 UJ	200 U	200 U	10.0 U	500 U	500 U	500 U	50.0 U	50.0 U	50.0 UJ	100 U	100 U	100 U	20.0 U	10.0 UJ	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[A]	-	-	***5 U***	***200 U***	***200 U***	***10.0 U***	***500 U***	***500 U***	***500 U***	***50.0 U***	***50.0 U***	***50.0 UJ***	***100 U***	***100 U***	***100 U***	***20.0 U***	***10.0 UJ***	***10.0 U***
Dibromochloromethane	µg/L	50[B]	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	***100 UJ***	***100 UJ***	***100 U***	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U
Dichlorobenzene, 1,2-	µg/L	3[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
Dichlorobenzene, 1,3-	µg/L	3[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
Dichlorobenzene, 1,4-	µg/L	3[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
Dichlorodifluoromethane (Freon 12)	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
Dichloroethane, 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
Dichloroethane, 1,2-	µg/L	0.6[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***
Dichloroethene, 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
Dichloroethene, cis-1,2-	µg/L	5...[A]	**59.8 J[A]**	**63.1[A]**	**47.3[A]**	**81.9[A]**	**670[A]**	**86.7[A]**	**3,980[A]**	**4,070[A]**	**2,730[A]**	**687[A]**	**373[A]**	**164 J-[A]**	**1,520[A]**	**1,910[A]**	**344[A]**	**277[A]**	**11.5 J-[A]**	**11.3[A]**
Dichloroethene, trans-1,2-	µg/L	5...[A]	2.00 UJ	***20.0 U***	1.1 J	***40.0 U***	**76.1[A]**	3.31	**76.6 J[A]**	**77.6 J[A]**	***100 U***	**6.64 J[A]**	**6.18 J[A]**	***10.0 UJ***	**11.5 J[A]**	**18.0 J[A]**	***20.0 U***	4.00 U	2.00 UJ	2.00 U
Dichloropropane, 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***
Dichloropropene, cis-1,3-	µg/L	0.4[p][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***
Dichloropropene, trans-1,3-	µg/L	0.4[p][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***
Dioxane, 1,4-	µg/L	n/v	-	-	100 U R	400 U R	400 U R	20.0 U R	1,000 U R	1,000 U R	1,000 U	100 U	100 UJ	100 U R	200 U R	200 U R	200 U R	40.0 U R	20.0 U R	20.0 U R

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			25-Apr-12	4-May-12	20-May-13	27-Mar-14	28-May-14	1-Jul-14	7-Aug-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
Sample ID			RW-6	RW-6	LI-RW-6-GW1	LI-RW-6	LI-RW-6-PI1	LI-RW-6-PI2	LI-RW-6-PI3	LI-FD-PI3	LI-RW6-PI6	LI-RW-6-PI9	LI-RW-6-PI12	LI-RW-6-PI15	LI-RW-6-PS3	LI-RW-6-PS6	LI-RW-6-PS9	LI-RW-6-PS15	LI-RW-6-PS21	LI-RW-6-PS22
Sampling Company			DECI	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:1770	12:1927	E2301	141138	142196	142794	143439	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
Laboratory Sample ID			12:1770-03	12:1927-01	E2301-01	141138-06	142196-02	142794-03	143439-06	143439-13	144730-06	150382-09	151696-06	153411-10	160464-02	161713-06	163436-06	170564-06	173804-06	180400-06
Sample Type	Units	TOGS								Field Duplicate										
Volatile Organic Compounds (cont'd)																				
Ethylbenzene	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
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[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***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	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
Isopropylbenzene	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
Isopropyltoluene, p- (Cymene)	µg/L	5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
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
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
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
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
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
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
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
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
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
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
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
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
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***
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
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
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
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]**
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
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
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
Volatile Organic Tentatively Identified Compounds																				
Total VOC TICs	µg/L	n/v	-	-	5,800 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

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

Area			Off-Site Locations																	
Sample Location			RW-7																RW-8	
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
Sample ID			RW-7	LI-RW-7-GW1	LI-RW-7	LI-RW-7-PI1	LI-RW-7-PI2	LI-RW-7-PI3	RW7-PI6	LI-RW-7-PI9	LI-RW-7-PI12	LI-RW-7-PI15	LI-RW-7-PS3	LI-RW-7-PS6	LI-RW-7-PS9	LI-RW-7-PS15	LI-RW-7-PS21	LI-RW-7-PS22	RW-8	LI-RW-8-GW1
Sampling Company			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC
Laboratory			PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE
Laboratory Work Order			12:2486	E2301	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400	12:2523	E2301
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
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	-	-	-	-
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]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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]	-	-	-	**126,000[A]**	**85,200[A]**	**85,600[A]**	**77,500[A]**	**67,100[A]**	**49,900[A]**	**64,400 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]	-	25 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	-	25 U
Benzene	µg/L	1[A]	-	***5 U***	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 U	-	***5 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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 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 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5 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 UJ	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 UJ	5 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]	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	-	5 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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 UJ	5 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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 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 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	-	5 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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 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	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 U
Cyclohexane	µg/L	n/v	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	-	5 UJ
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 UJ***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 U***	-	***5 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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	***5 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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	***5 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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	***5 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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	-	5 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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 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 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 UJ***	***5 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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 U
Dichloroethene, cis-1,2-	µg/L	5..[A]	4.28	**8.2[A]**	2.35	2.65	2.43	2.96	4.44	1.33 J	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	**6.50[A]**	**17.8[A]**
Dichloroethene, trans-1,2-	µg/L	5..[A]	2.00 U	0.92 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.1 J
Dichloropropane, 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 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***5 U***
Dichloropropene, cis-1,3-	µg/L	0.4$_p$[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 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***5 U***
Dichloropropene, trans-1,3-	µg/L	0.4$_p$[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 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***5 U***
Dioxane, 1,4-	µg/L	n/v	-	100 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 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	-	100 U R

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	
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
Sample ID			RW-7	LI-RW-7-GW1	LI-RW-7	LI-RW-7-PI1	LI-RW-7-PI2	LI-RW-7-PI3	RW7-PI6	LI-RW-7-PI9	LI-RW-7-PI12	LI-RW-7-PI15	LI-RW-7-PS3	LI-RW-7-PS6	LI-RW-7-PS9	LI-RW-7-PS15	LI-RW-7-PS21	LI-RW-7-PS22	RW-8	LI-RW-8-GW1
Sampling Company			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC
Laboratory			PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE
Laboratory Work Order			12:2486	E2301	141138	142196	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400	12:2523	E2301
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
Sample Type	Units	TOGS																		
Volatile Organic Compounds (cont'd)																				
Ethylbenzene	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	-	5 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[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 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	-	***5 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	-	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	-	25 U
Isopropylbenzene	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	-	5 U
Isopropyltoluene, p- (Cymene)	µg/L	5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	-	5 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 U	10.0 UJ	25.2	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	-	25 U
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 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	-	25 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
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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	-	5 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 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5 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 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	-	5 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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 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 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	4.3 J
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 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	-	5 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 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	-	5 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 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	-	5 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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 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 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***5 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	**7.59[A]**	**20.7[A]**
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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 UJ	5 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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	-	5 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
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 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	-	***10 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 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	-	5 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
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			Off-Site Locations																		
Sample Location			RW-9																		
Sample Date			8-Jun-12	21-May-13	27-Mar-14	29-May-14	1-Jul-14	1-Jul-14	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
Sample ID			RW-9	LI-RW-9-GW1	LI-RW-9	LI-RW-9-PI1	LI-RW-9-PI2	LI-RW-DUP-PI2	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
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	STANTEC	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:2431	E2314	141138	142196	142794	142794	143439	144730	144730	150382	151696	153411	160464	161713	163436	163436	170564	173804	180400
Laboratory Sample ID			12:2431-01	E2314-07	141138-08	142196-12	142794-04	142794-05	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
Sample Type	Units	TOGS						Field Duplicate			Field Duplicate							Field Duplicate			
General Chemistry																					
Total Organic Carbon	µg/L	n/v	-	-	2,000	2,000	2,500	2,100	2,100	2,000 J-	2,000 J-	2,400 J+	1,700	2,200 J-	1,910	2,340	2,640	2,650	1,980	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.11	1.69
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 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]	-	-	100 U	91.9 J	129	91.0 J	86.4 J	100 U	100 U	68.3 J	76.5 J	118 J-	-	-	-	-	-	-	-
Lead	µg/L	25[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35,000[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300.[A]	-	-	15 U	19.8	98.1	94.4	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]	-	-	**38,100[A]**	**25,200[A]**	**29,000[A]**	**28,800[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]	-	25 U	10.0 U	6.70 J	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U
Benzene	µg/L	1[A]	-	***5 U***	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ	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 UJ	2.00 U	2.00 U	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 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 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]	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5..[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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 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
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 UJ***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 U***
Dibromochloromethane	µg/L	50[B]	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 UJ	2.00 U	2.00 U	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	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5..[A]	-	5 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 UJ	2.00 U	2.00 U	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	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 UJ***	***2.00 U***	***2.00 U***	***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	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichloroethene, cis-1,2-	µg/L	5..[A]	2.00 U	1.2 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.35 J	1.37 J	1.66 J	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
Dichloroethene, trans-1,2-	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 UJ	2.00 U	2.00 U	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***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Dichloropropene, cis-1,3-	µg/L	0.4[p][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 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Dichloropropene, trans-1,3-	µg/L	0.4[p][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 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Dioxane, 1,4-	µg/L	n/v	-	100 U	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	20.0 UJ	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R

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								
Sample Date			8-Jun-12	21-May-13	27-Mar-14	29-May-14	1-Jul-14	1-Jul-14	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
Sample ID			RW-9	LI-RW-9-GW1	LI-RW-9	LI-RW-9-PI1	LI-RW-9-PI2	LI-RW-DUP-PI2	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
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			12:2431	E2314	141138	142196	142794	142794	143439	144730	144730	150382	151696	153411	160464	161713	163436	163436	170564	173804	180400
Laboratory Sample ID			12:2431-01	E2314-07	141138-08	142196-12	142794-04	142794-05	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
Sample Type								Field Duplicate			Field Duplicate							Field Duplicate			
Volatile Organic Compounds (cont'd)																					
Ethylbenzene	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 UJ	2.00 U	2.00 U	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]	-	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	-	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 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Isopropylbenzene	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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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 UJ	2.00 U	2.00 U	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]	-	25 U	10.0 UJ	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 UJ	10.0 UJ	10.0 UJ	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
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 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
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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Methylcyclohexane	µg/L	n/v	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Naphthalene	µg/L	10[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 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
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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Tetrachloroethene (PCE)	µg/L	5[A]	**11.3[A]**	**8.5[A]**	3.04	3.58	4.10	4.11	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
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 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
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 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5[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 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Trichloroethane, 1,1,1-	µg/L	5[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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Trichloroethane, 1,1,2-	µg/L	1[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 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Trichloroethene (TCE)	µg/L	5[A]	2.00 U	1.5 J	2.00 U	2.00 U	2.00 U	2.00 U	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
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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5[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 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5[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	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
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 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
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 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
Total VOC	µg/L	n/v	11.3	11.2	3.04	10.28	4.1	4.11	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
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																				
Sample Location			RW-12																		RW-13		
Sample Date			8-Jun-12	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	1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	14-Aug-17	1-Feb-18	12-Jun-12	20-May-13	27-Mar-14
Sample ID			RW-12	LI-RW-12-GW1	LI-RW-12-PI1	LI-RW-12-PI2	LI-RW-12-PI3	LI-RW12-PI6	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
Sampling Company			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC
Laboratory			PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	E2301	PARAROCH
Laboratory Work Order			12:2431	E2301	142196	142794	143439	144730	150382	151696	153411	160464	160464	161713	163436	170564	173804	173804	180400	12:2486	E2301	141138
Laboratory Sample ID			12:2431-02	E2301-04	142196-03	142794-14	143439-09	144730-09	150382-08	151696-09	153411-08	160464-01	160464-13	161713-09	163436-09	170564-09	173804-09	173804-13	180400-09	12:2486-01	E2301-05	141138-10
Sample Type	Units	TOGS											Field Duplicate					Field Duplicate				
General Chemistry																						
Total Organic Carbon	µg/L	n/v	-	-	103,000	186,000	44,800	5,700	33,900	6,200	3,200 J-	1,740	1,990	2,480	1,480	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]	-	-	**200,000[A]**	**255,000[A]**	**282,000[A]**	**193,000[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]	-	25 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.1 J-	5.63 J-	10.0 U	-	25 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 UJ	1.00 UJ	1.00 U	-	***5 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 UJ	2.00 U	2.00 U	5 U	2.00 U
Bromoform (Tribromomethane)	µg/L	50[B]	5.00 U	5 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	5 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5..[A]	2.00 U	5 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	5 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]	-	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 UJ	2.00 U	-	5 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 UJ	2.00 U	2.00 U	5 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 UJ	2.00 U	2.00 U	5 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 UJ	5.00 U	-	5 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 UJ	2.00 U	2.00 U	5 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	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 UJ	2.00 U	2.00 U	5 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 UJ	2.00 U	2.00 U	5 U	2.00 U
Cyclohexane	µg/L	n/v	-	5 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	-	5 UJ	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***	***10.0 U***	***10.0 UJ***	***10.0 UJ***	***10.0 U***	-	***5 U***	***10.0 U***
Dibromochloromethane	µg/L	50[B]	2.00 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 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
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 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
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 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
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 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
Dichlorodifluoromethane (Freon 12)	µg/L	5..[A]	-	5 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	-	5 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 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
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 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***
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 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
Dichloroethene, cis-1,2-	µg/L	5..[A]	**24.5[A]**	**26.5[A]**	**79.5[A]**	**118[A]**	**36.2[A]**	**6.01[A]**	**20.9[A]**	**5.24[A]**	**9.47 J-[A]**	3.65	3.89	2.44	1.59 J	2.00 U	1.48 J-	1.44 J-	1.72 J	2.00 U	5 U	2.00 U
Dichloroethene, trans-1,2-	µg/L	5..[A]	2.00 U	1.2 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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
Dichloropropane, 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 UJ***	***2.00 U***	***2.00 U***	***5 U***	***2.00 U***
Dichloropropene, cis-1,3-	µg/L	0.4[p][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 UJ***	***2.00 U***	***2.00 U***	***5 U***	***2.00 U***
Dichloropropene, trans-1,3-	µg/L	0.4[p][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 UJ***	***2.00 U***	***2.00 U***	***5 U***	***2.00 U***
Dioxane, 1,4-	µg/L	n/v	-	100 U R	20.0 U R	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 R	20.0 U R	-	100 U R	20.0 U R

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-12																	RW-13		
Sample Date			8-Jun-12	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	1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	14-Aug-17	1-Feb-18	12-Jun-12	20-May-13	27-Mar-14
Sample ID			RW-12	LI-RW-12-GW1	LI-RW-12-PI1	LI-RW-12-PI2	LI-RW-12-PI3	LI-RW12-PI6	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
Sampling Company			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC
Laboratory			PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	E2301	PARAROCH
Laboratory Work Order			12:2431	E2301	142196	142794	143439	144730	150382	151696	153411	160464	160464-13	161713	163436	170564	173804	173804-13	180400	12:2486	E2301	141138
Laboratory Sample ID			12:2431-02	E2301-04	142196-03	142794-14	143439-09	144730-09	150382-08	151696-09	153411-08	160464-01	Field Duplicate	161713-09	163436-09	170564-09	173804-09	Field Duplicate	180400-09	12:2486-01	E2301-05	141138-10
Sample Type	Units	TOGS																				
Volatile Organic Compounds (cont'd)																						
Ethylbenzene	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 UJ	2.00 U	-	5 U	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[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 UJ***	***2.00 U***	-	***5 U***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	-	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 U	5.00 UJ	5.00 UJ	5.00 U	-	25 U	5.00 U
Isopropylbenzene	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 UJ	2.00 U	-	5 U	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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 U	2.00 UJ	2.00 UJ	2.00 U	-	5 U	2.00 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[B]	-	25 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	-	25 U	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 U	5.00 UJ	5.00 UJ	5.00 U	-	25 U	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10[B]	-	0.85 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	-	5 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 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
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 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
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 UJ	5.00 U	-	5 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 UJ	2.00 U	2.00 U	5 U	2.00 U
Tetrachloroethene (PCE)	µg/L	5[A]	2.71	4.9 J	**5.52[A]**	4.37	2.78	4.74	**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
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	**33.3 J-[A]**	**26.4 J-[A]**	2.00 U	-	5 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 UJ	5.00 U	-	5 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 UJ	5.00 U	-	5 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 UJ	2.00 U	2.00 U	5 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 UJ***	***2.00 U***	***2.00 U***	***5 U***	***2.00 U***
Trichloroethene (TCE)	µg/L	5[A]	**6.80[A]**	**15[A]**	**25.1[A]**	**29.8[A]**	4.38	**7.10[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
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 UJ	2.00 U	2.00 U	5 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 UJ	2.00 U	-	5 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	0.55 J	2.00 U	1.17 J	**2.27[A]**	2.00 U	**2.28 NJ[A]**	2.00 U	1.49 J-	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
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 UJ	2.00 U	-	***10 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 UJ	2.00 U	-	5 U	2.00 U
Total VOC	µg/L	n/v	34.01	49	110.12	153.34	45.63	17.85	45.5	12.88	26.99 J-	8.25	8.81	6.63	7.79	1.29	48.76 J-	37.32 J-	4.75	ND	3.79	2.00
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													QA/QC							
													Trip Blank							
Sample Date			12-Jun-12	20-May-13	21-May-13	27-Mar-14	29-May-14	1-Jul-14	8-Aug-14	28-Oct-14	3-Feb-15	4-May-15	12-Aug-15	1-Feb-16	2-May-16	9-Aug-16	13-Feb-17	14-Aug-17	2-Feb-18
Sample ID			Trip Blank 7346	Trip Blank	Trip Blank	Trip Blank	LI-Trip Blank-PI1	LI-TRIPBLANK-PI2	Trip Blank (T-532)	Trip Blank (T-570)	LI-TRIPBLANK-PI9 (T-586)	Trip Blank (T-614)	Trip Blank (T-644)	Trip Blank T-691	Trip Blank (T-698)	Trip Blank (T-722)	Trip Blank	Trip Blank	Trip Blank
Sampling Company			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	CCGE	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:2486	E2301	E2314	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
Laboratory Sample ID			12:2486-03	E2301-07	E2314-08	141138-15	142196-08	142794-01	143439-14	144730-14	150382-14	151696-14	153411-14	160464-14	161713-14	163436-14	170564-14	173804-14	180400-14
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	Trip Blank	Trip Blank	Trip Blank	Trip Blank
General Chemistry																			
Total Organic Carbon	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																			
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3[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]	-	25 U	25 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U
Benzene	µg/L	1[A]	-	***5 U***	***5 U***	1 U	1 U	1 U	1 U	1 U	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
Bromodichloromethane	µg/L	50[B]	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 U	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 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 U	5 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 UJ	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]	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 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	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 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	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Chlorobromomethane	µg/L	5...[A]	-	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 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	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[A]	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Cyclohexane	µg/L	n/v	-	5 UJ	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	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]	-	***5 U***	***5 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 UJ***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 U***
Dibromochloromethane	µg/L	50[B]	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	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	***5 U***	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 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	***5 U***	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 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	***5 U***	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5...[A]	-	5 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 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	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 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***	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 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	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichloroethene, cis-1,2-	µg/L	5...[A]	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Dichloroethene, trans-1,2-	µg/L	5...[A]	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	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***	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Dichloropropene, cis-1,3-	µg/L	0.4$_{tp}$[A]	***2.00 U***	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***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$_{tp}$[A]	***2.00 U***	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***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	-	100 U R	100 U	20.0 U R	20.0 U R	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

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													QA/QC						
													Trip Blank						
Sample Date			12-Jun-12	20-May-13	21-May-13	27-Mar-14	29-May-14	1-Jul-14	8-Aug-14	28-Oct-14	3-Feb-15	4-May-15	12-Aug-15	1-Feb-16	2-May-16	9-Aug-16	13-Feb-17	14-Aug-17	2-Feb-18
Sample ID			Trip Blank 7346	Trip Blank	Trip Blank	Trip Blank	LI-Trip Blank-PI1	LI-TRIPBLANK-PI2	Trip Blank (T-532)	Trip Blank (T-570)	LI-TRIPBLANK-PI9 (T-586)	Trip Blank (T-614)	Trip Blank (T-644)	Trip Blank T-691	Trip Blank (T-698)	Trip Blank (T-722)	Trip Blank	Trip Blank	Trip Blank
Sampling Company			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	CCGE	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:2486	E2301	E2314	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400
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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	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Volatile Organic Compounds (cont'd)																			
Ethylbenzene	µg/L	5[A]	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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]	-	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	-	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 UJ	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U
Isopropylbenzene	µg/L	5[A]	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Acetate	µg/L	n/v	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 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]	-	25 U	25 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 UJ	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	-	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 UJ	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]	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Methylcyclohexane	µg/L	n/v	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 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 U	3.4 J	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 UJ	5.00 U
Naphthalene	µg/L	10[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5[A]	-	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 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	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Tetrachloroethene (PCE)	µg/L	5[A]	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Toluene	µg/L	5[A]	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 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	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 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	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 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***	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***
Trichloroethene (TCE)	µg/L	5[A]	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5[A]	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	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]	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 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]	2.00 U	***5 U***	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Xylene, m & p-	µg/L	5[A]	-	***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 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Xylene, o-	µg/L	5[A]	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U
Total VOC	µg/L	n/v	ND	ND	3.4	ND	ND	ND	ND	ND	ND	ND	UJ-ND	UJND	ND	ND	ND	ND	ND
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

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.
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 critera. 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
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		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
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Field Parameters	**Units**																
Conductivity	mS/cm	0.99	0.86	0.90	0.92	1.41	1.03	1.15	1.19	1.28	4.16	3.37	1.87	6.55	4.63	5.23	1.53
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
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
pH	S.U.	7.02	6.87	7.02	7.15	7.26	7.04	7.06	7.17	7.00	6.90	7.18	7.13	6.99	7.00	6.94	6.89
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
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
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

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
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
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Sample Date		23-May-13	26-Mar-14	28-May-14	2-Jul-14	7-Aug-14	28-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18
Sampling Method		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
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
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
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
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
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
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

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
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
Purge Method		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
Sampling Method		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
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
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
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
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
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
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

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
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
Purge Method		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
Sampling Method		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
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
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
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
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
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
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

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
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
Purge Method		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
Sampling Method		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
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
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
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
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
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
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

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
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
Purge Method		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
Sampling Method		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
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
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
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
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
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
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

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
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
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Bailer[d]	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	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
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Bailer[d]	Peristaltic	Peristaltic	Peristaltic	Bailer[d]	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
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
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
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
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
Turbidity	NTU	5.68	5.81	1.72	3.18	1.93	1.06	2.01	10.25	9.56	1217[e]	13	54.3	20.7	15.3	7.24
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

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
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
Purge Method		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
Sampling Method		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
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
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
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
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
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
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

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
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
Purge Method		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
Sampling Method		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
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
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
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
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
Turbidity	NTU	7.08[a]	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
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

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

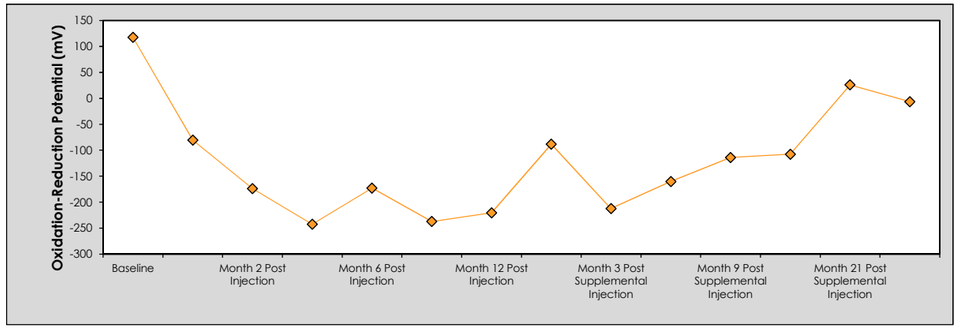
Sample Location		RW-9															RW-11	
Purge Date		21-May-13	27-Mar-14	29-May-14	1-Jul-14	7-Aug-14	28-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16	2-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	22-May-13	27-Mar-14
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		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	22-May-13	27-Mar-14
Sampling Method		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	0.79	0.82
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	2.36	1.62
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	94.5	88.8
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	7.15	7.33
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	14.6	5.1
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	0.11[b]	1.31
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	0.4	0.7

Sample Location		RW-12														RW-13	
Purge Date		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
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Sample Date		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
Field Parameters	**Units**																
Conductivity	mS/cm	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	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	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.	7.10	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	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	— [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	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.



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**
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
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
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
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
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
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
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
	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***

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

	Date of Sampling Event													
Well designation	**3/27/2014**	**5/28/2014**	**7/2/2014**	**08/01/14**	**10/01/14**	**02/01/15**	**5/4/2015**	**08/01/15**	**02/01/16**	**5/2/2016**	**08/01/16**	**02/01/17**	**08/14/17**	**02/01/18**
RW-1	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
RW-2	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
RW-3	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
RW-4	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
RW-5	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
RW-6	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
RW-7	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
RW-9	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
RW-12	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
B102-MW	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
B106-MW	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
B108-MW	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

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 attic? Any abnormal conditions such as hot fan housings, vibrations, or unusual noises?	Any condensation occuring in SSDS piping?
	FAN-1	FAN-2	FAN-3	VMP-1	VMP-2	VMP-3	VMP-4	VMP-5	VMP-6			
2/14/2017	0.1	0	0	-0.010	-0.044	-0.075	-0.066	-0.116	-0.073	None observed	None observed	Minimal
5/8/2017	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
8/15/2017	0.0	0.1	0.3	-0.029	-0.073	-0.131	-0.110	-0.201	-0.113	None observed	None observed	None Observed
11/14/2017	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
2/2/2018	0.0	0.0	0.0	Not Collected (see 2/13/18 entry below)						See 2/13/18 entry below		
2/13/2018	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]

Notes:

[1] Fans 1,2, and 3 are the western, central, and eastern fans, respectively.

[2] Based on 3/17/2016 site visit

[3] Fans turned off for two hours to let condensate drain to sub-floor gravel prior to taking readings.

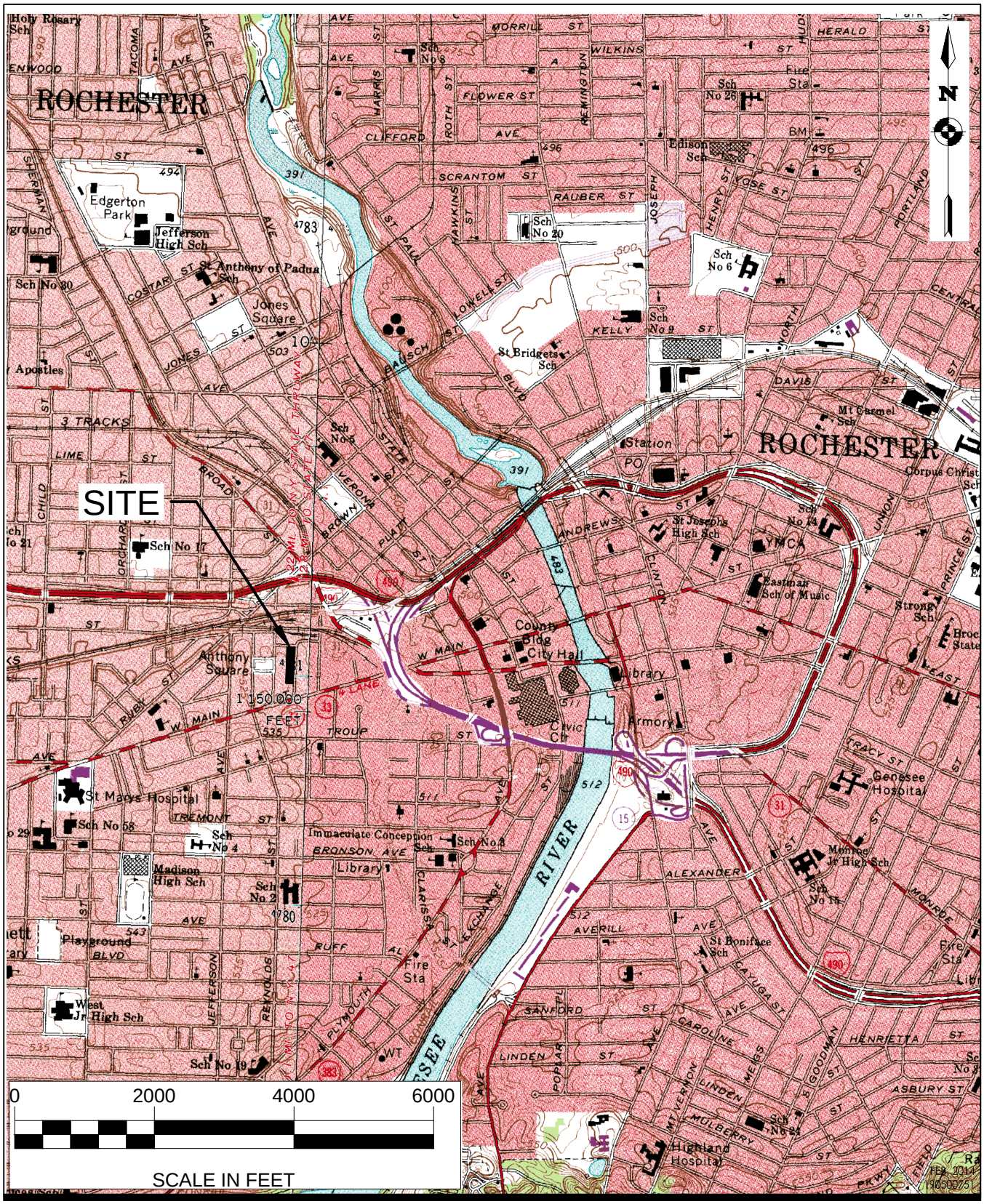
Table 6
Summary of Analytical Results in Post-Construction Purge Water and Discharge Permit Samples
Former Carriage Factory
33 Litchfield Street, Rochester, New York

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		14-Nov-17	1-Feb-18	2-Feb-18
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	LI-EL-W32	LI-EL-W33	LI-EL-W34
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	LI-EL-W32	LI-EL-W33	LI-EL-W34
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	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			144025	144818	150381	150502	151695	151695	153410	153410	155061	160463	160463	161714	161714	163435	163435	170519	170547	170547	171925	173674	173674	175133	180390	180390
Laboratory Sample ID	Units	County of Monroe Sewer Use Permit Enclosure	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	175133-01	180390-01	180390-02
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	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	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	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	0.0600 U	0.0906	0.0947	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, trans-1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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	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	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	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	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	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	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	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	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	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	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	2.00 U	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	ND	ND	ND	ND	ND

Notes:

County of Monroe Sewer Use Permit Enclosure	County of Monroe Sewer Use Permit Enclosure (Permit Number: ST-256, 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.

Figures



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

Stantec

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

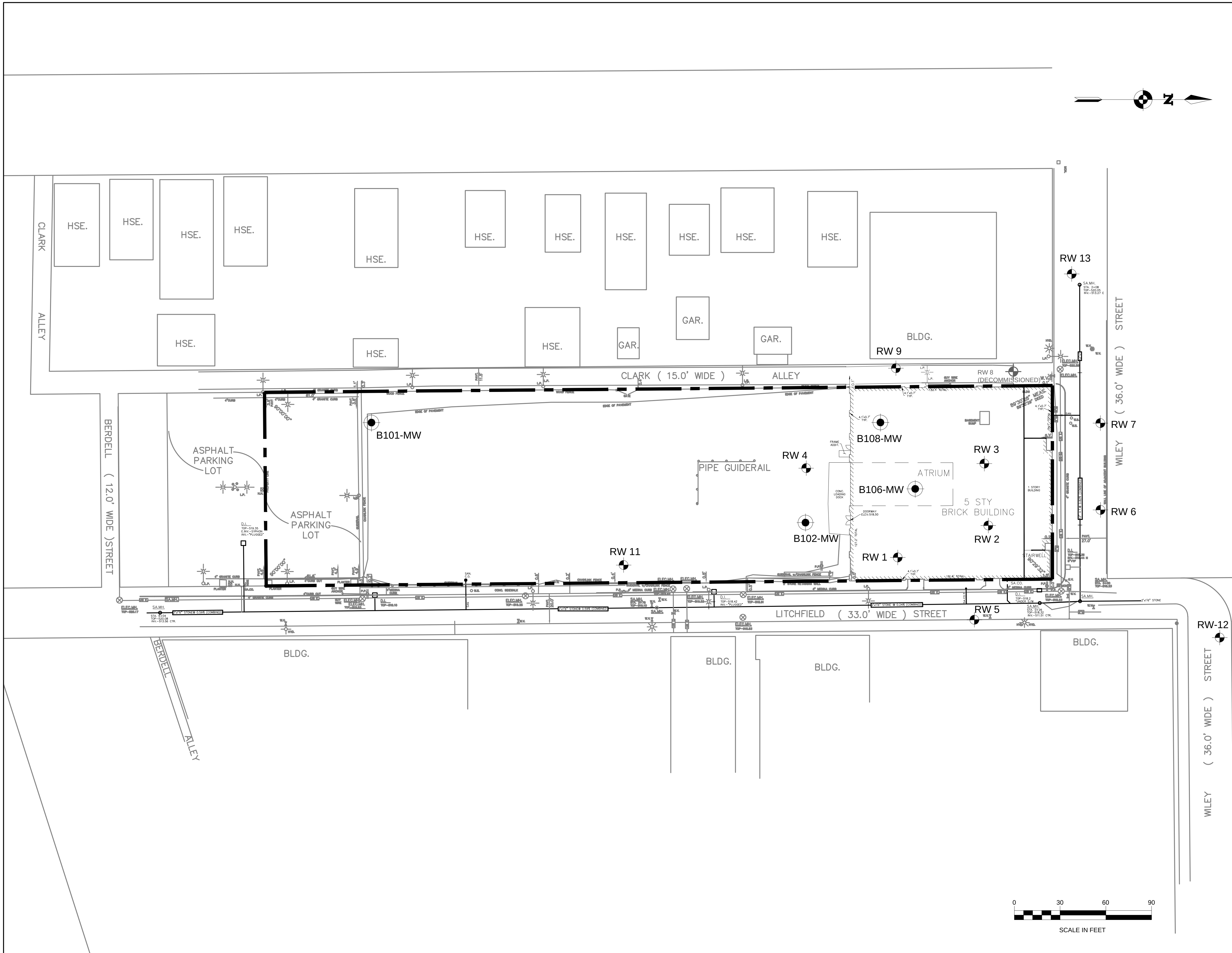
33 LITCHFIELD STREET, ROCHESTER , NY 14608

Figure No.

1

Title

PERIODIC REVIEW REPORT
SITE LOCATION MAP



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Consultants

Legend

33 LITCHFIELD STREET BUILDING LIMITS

RW 3 LOCATIONS OF EXISTING GROUNDWATER MONITORING WELL

B101-MW MONITORING WELL LOCATION (APPROX)

PROPERTY LINE

SANITARY SEWER (SA MH=MANHOLE)

Notes

1. PLAN ADAPTED FROM BASE PLAN BY PARRONE ENGINEERING.

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

Revision	By	Appd.	YY.MM.DD

Issued	By	Appd.	YY.MM.DD
ERD & GROUNDWATER WORK PLAN	AG	MPS	14.01

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

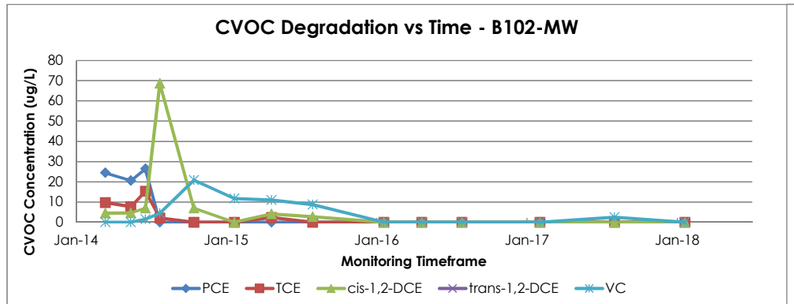
Project No.	Scale
190500751	AS SHOWN

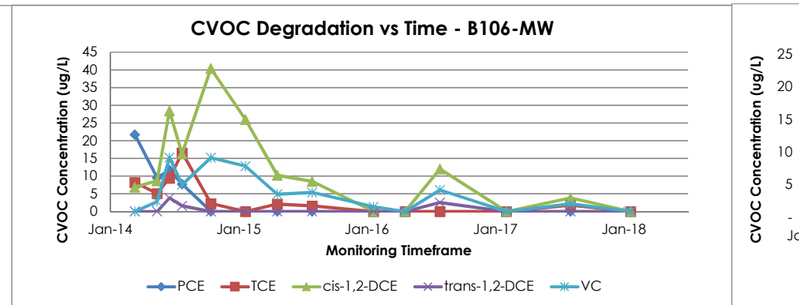
Drawing No.	Sheet	Revision
FIGURE 2	of	0

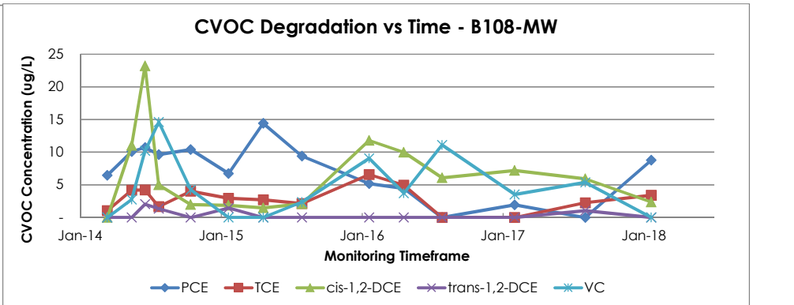
U:\190500751\drawing\CAD\PRR\April 2016\Figure 2 Exploration Location Plan.dwg
2016/04/04 10:08 AM By: Less, Andy

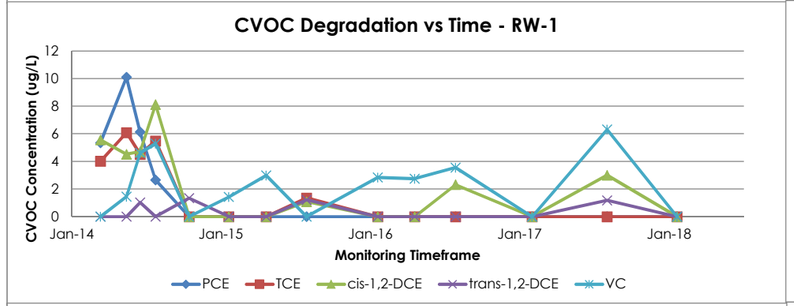
ORIGINAL SHEET – ANSI D

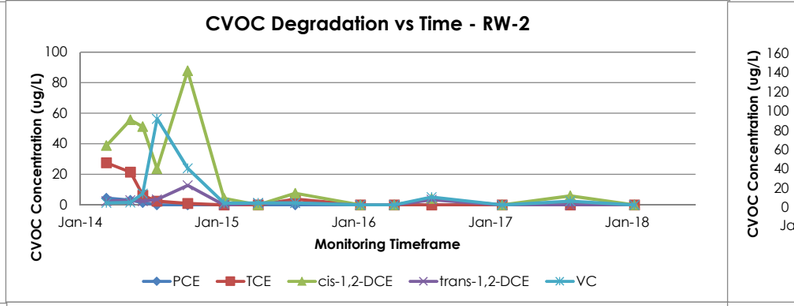
Figure 3
Summary of CVOC Degradation Over Time - All Wells
Former Carriage Factory
33 Litchfield Street, Rochester, NY

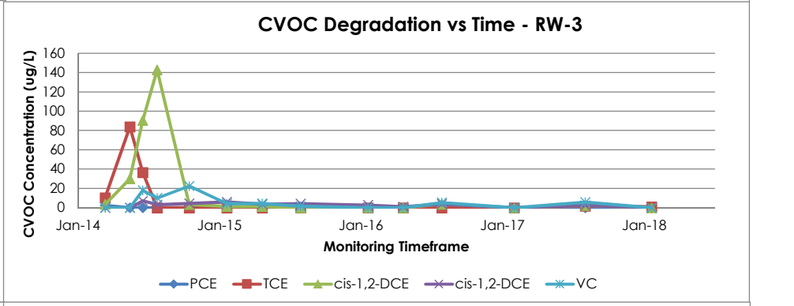


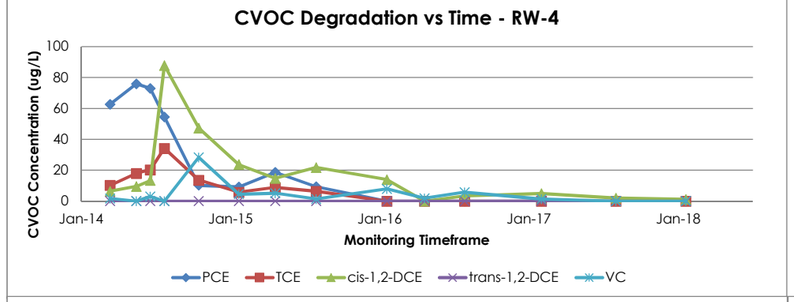


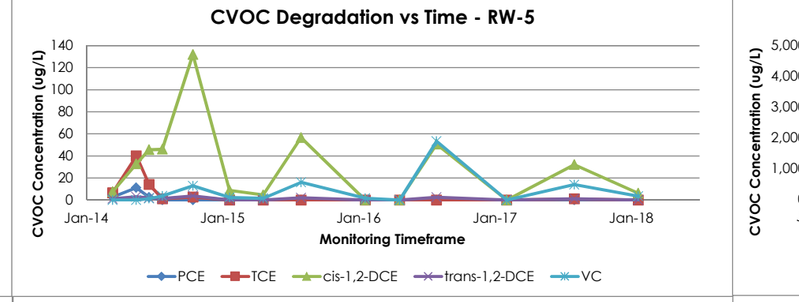


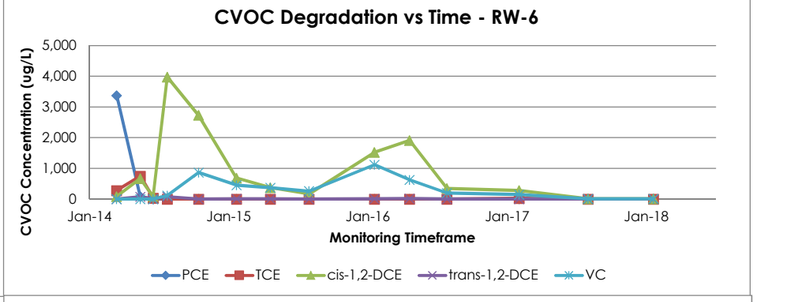


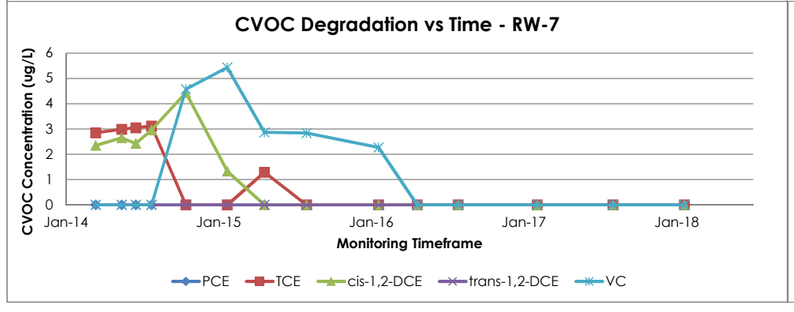


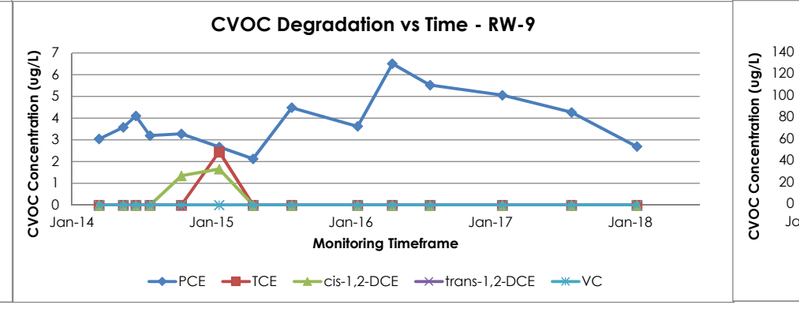


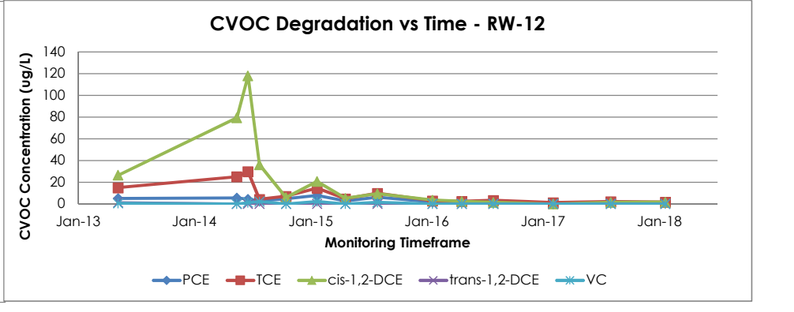


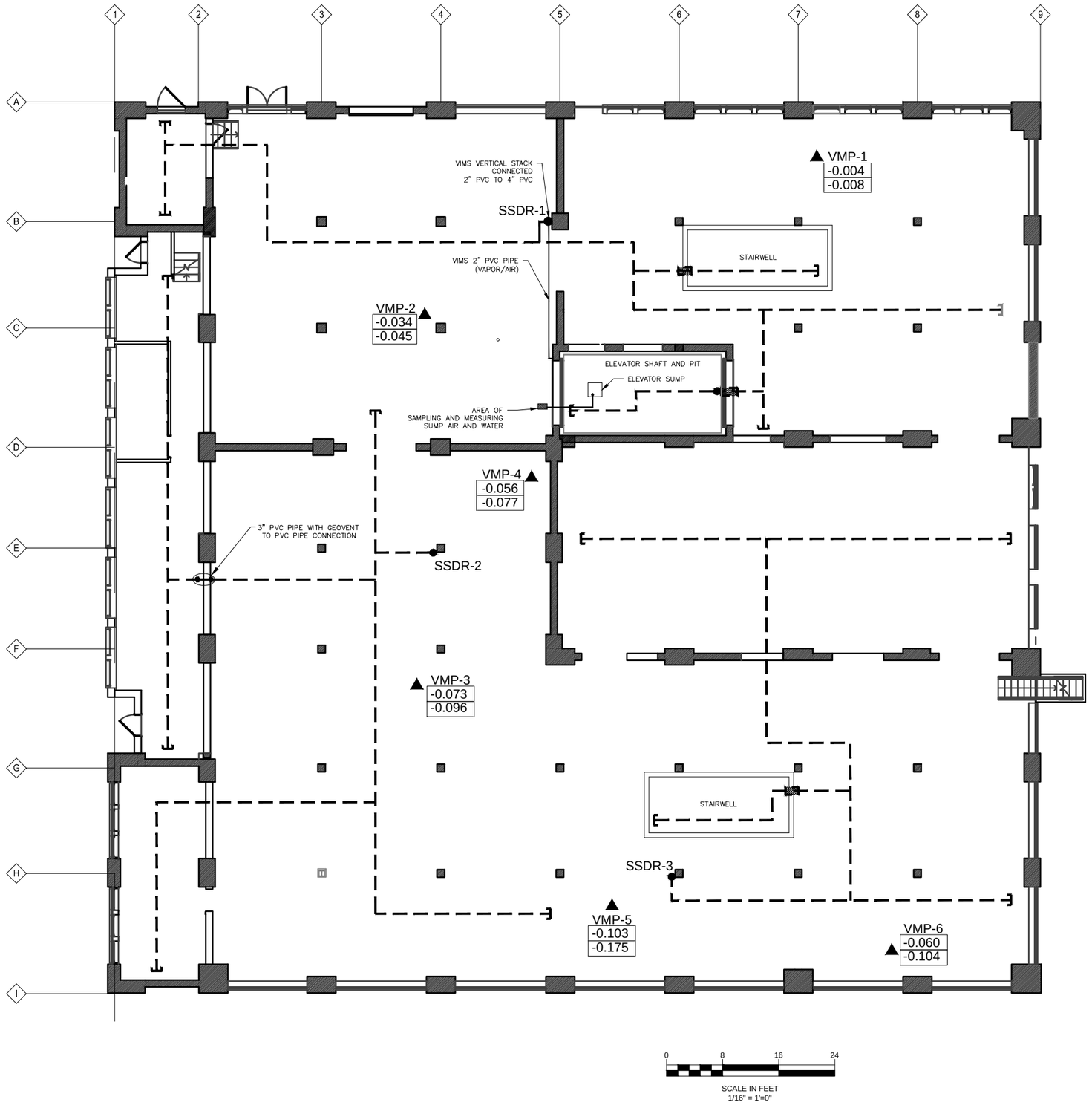












Stantec

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

Consultants

Legend

- VACUUM MONITORING POINTS (VM)
- RISER PIPE (SSDR-1)
- GEOVENT WITH CAP
- SOLID PVC PIPE
- 3" PVC PIPE WITH GEOVENT TO PVC PIPE CONNECTION
- METAL SLEEVES
- -0.073 / -0.096 — SUB-SLAB VACUUM READING ON 2/13/2018. UNITS : INCHES OF WATER COLUMN

Note:

Top reading collected Approx. Time:1230
Bottom reading corrected collected Approx. Time: 1500 (after allowing condensate to drain for Approx. 2 hours with fans powered off.)

Notes

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

Revision	By	Appd.	YY.MM.DD
FEB PRR REPORT - SSDS MONITORING	LB/AL	PN/MS	18.02.13

Issued	By	Appd.	YY.MM.DD
AS-BUILT DRAWINGS	BH/AL	PN	14.12.05

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

Permit-Seal

Client/Project

CARRIAGE FACTORY

PERIODIC REVIEW REPORT

BROWNFIELD CLEANUP PROGRAM
FORMER CARRIAGE FACTORY

33 LITCHFIELD STREET, ROCHESTER , NY

Title

ANNUAL SUB-SLAB VACUUM MONITORING OF THE SSDS

Project No.	Scale	
190500751	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: 1.5

Reporting Period: March 16, 2017 to March 16, 2018

	YES	NO
1. Is the information above correct?	X	
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?		X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		X
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?		X

Box 2

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

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

Parcel	Owner	Institutional 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

Parcel	Engineering 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.

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
☒	☐

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

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

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

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

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

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

YES	NO
☒	☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 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 (print name) at 1931 Buffalo Road, Rochester, NY (print business address),

am certifying as Owner (Owner or Remedial Party)

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

James M. Whalen, CFO
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

4/11/18
Date

IC/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 Peter Nielsen (print name) at Stantec, 61 Commercial St, Rochester, NY (print business address),

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

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date
		4/3/2018

Appendix B

Field Monitoring Logs

2011

Monthly monitoring – sub –slab depressurization system

date	name	Vacuum inches water column			Pilot light on		
		Fan-1	Fan-2	Fan-3	Fan-1	Fan-2	Fan-3
1/18/17	MA	2.2	2.2	2.0	✓	✓	✓
2/13/17	MA	2.4	2.4	2.0	✓	✓	✓
3/21/17	MA	2.4	2.4	2.0	✓	✓	✓
4/25/17	DWS	2.4	2.4	2.0	✓	✓	✓
5/4/17	DWS	2.1	2.3	2.0	✓	✓	✓
5/9/17	DWS	2.2	2.2	2.0	✓	✓	✓
5/15/17	DWS	2.0	2.4	2.0	✓	✓	✓
5/27/17	DWS	2.2	2.4	2.0	✓	✓	✓
6/7/17	DWS	2.2	2.4	2.0	✓	✓	✓
6/8/17	DWS	2.2	2.4	2.0	✓	✓	✓
6/16/17	DWS	2.2	2.2	2.0	✓	✓	✓
6/24/17	DWS	2.2	2.4	2.0	✓	✓	✓
7/5/17	DWS	2.2	2.4	2.0	✓	✓	✓
7/19/17	DWS	2.2	2.3	2.0	✓	✓	✓
7/19/17	DWS	2.2	2.2	2.0	✓	✓	✓
7/31/17	DWS	2.2	2.2	2.0	✓	✓	✓
8/6/17	DWS	2.2	2.4	2.0	✓	✓	✓
8/16/17	DWS	2.4	2.4	2.0	✓	✓	✓
9/5/17	DWS	2.4	2.4	2.0	✓	✓	✓
10/12/17	DWS	2.4	2.2	2.0	✓	✓	✓
11/14/17	BH Stratec	2.3	2.3	2.0	✓	✓	✓

Monthly monitoring – sub –slab depressurization system

date	name	Vacuum inches water column				Pilot light on			
		Fan-1	Fan-2	Fan-3		Fan-1	Fan-2	Fan-3	
12/8/17	MA	2.4	2.1	2.0		✓	✓	✓	
1/10/18	MA	2.4	2.3	2.0		✓	✓	✓	
2/14/18	MA	2.3	2.3	2.1		✓	✓	✓	
3/16/18	MA	2.4	2.3	2.0		✓	✓	✓	

Appendix C

Laboratory Analytical Reports

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

Stantec

For Lab Project ID

173674

Referencing

Carriage Factory

Prepared

Wednesday, March 7, 2018

This project has been re-issued to make corrections to the sample identifiers, per Client request.

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

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173674

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W30
Lab Sample ID: 173674-01 **Date Sampled:** 8/15/2017
Matrix: Groundwater **Date Received:** 8/16/2017

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Cadmium	< 0.00500	mg/L		8/17/2017 17:37
Copper	< 0.0250	mg/L		8/17/2017 17:37
Lead	< 0.0100	mg/L		8/17/2017 17:37
Zinc	< 0.0600	mg/L		8/17/2017 17:37

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 8/16/2017
Data File: 170817B

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/26/2017 00:31
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/26/2017 00:31
1,1,2-Trichloroethane	< 2.00	ug/L		8/26/2017 00:31
1,1-Dichloroethane	< 2.00	ug/L		8/26/2017 00:31
1,1-Dichloroethene	< 2.00	ug/L		8/26/2017 00:31
1,2-Dichlorobenzene	< 2.00	ug/L		8/26/2017 00:31
1,2-Dichloroethane	< 2.00	ug/L		8/26/2017 00:31
1,2-Dichloropropane	< 2.00	ug/L		8/26/2017 00:31
1,3-Dichlorobenzene	< 2.00	ug/L		8/26/2017 00:31
1,4-Dichlorobenzene	< 2.00	ug/L		8/26/2017 00:31
Bromodichloromethane	< 2.00	ug/L		8/26/2017 00:31
Bromoform	< 5.00	ug/L		8/26/2017 00:31
Bromomethane	< 2.00	ug/L		8/26/2017 00:31
Carbon Tetrachloride	< 2.00	ug/L		8/26/2017 00:31
Chlorobenzene	< 2.00	ug/L		8/26/2017 00:31
Chloroethane	< 2.00	ug/L		8/26/2017 00:31
Chloroform	< 2.00	ug/L		8/26/2017 00:31
Chloromethane	< 2.00	ug/L		8/26/2017 00:31
cis-1,2-Dichloroethene	< 2.00	ug/L		8/26/2017 00:31

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173674

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W30
Lab Sample ID: 173674-01 **Date Sampled:** 8/15/2017
Matrix: Groundwater **Date Received:** 8/16/2017

cis-1,3-Dichloropropene	< 2.00	ug/L			8/26/2017 00:31
Dibromochloromethane	< 2.00	ug/L			8/26/2017 00:31
Methylene chloride	< 5.00	ug/L			8/26/2017 00:31
Tetrachloroethene	< 2.00	ug/L			8/26/2017 00:31
trans-1,2-Dichloroethene	< 2.00	ug/L			8/26/2017 00:31
trans-1,3-Dichloropropene	< 2.00	ug/L			8/26/2017 00:31
Trichloroethene	< 2.00	ug/L			8/26/2017 00:31
Trichlorofluoromethane	< 2.00	ug/L			8/26/2017 00:31
Vinyl chloride	< 2.00	ug/L			8/26/2017 00:31

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**105**	85.9 - 118		8/26/2017 00:31
4-Bromofluorobenzene	**98.6**	69.4 - 123		8/26/2017 00:31
Pentafluorobenzene	**98.9**	81.6 - 114		8/26/2017 00:31
Toluene-D8	**98.0**	82.7 - 112		8/26/2017 00:31

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x44559.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173674

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W31
Lab Sample ID: 173674-02 **Date Sampled:** 8/15/2017
Matrix: Groundwater **Date Received:** 8/16/2017

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Cadmium	< 0.00500	mg/L		8/17/2017 17:41
Copper	< 0.0250	mg/L		8/17/2017 17:41
Lead	< 0.0100	mg/L		8/17/2017 17:41
Zinc	< 0.0600	mg/L		8/17/2017 17:41

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 8/16/2017
Data File: 170817B

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/26/2017 00:54
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/26/2017 00:54
1,1,2-Trichloroethane	< 2.00	ug/L		8/26/2017 00:54
1,1-Dichloroethane	< 2.00	ug/L		8/26/2017 00:54
1,1-Dichloroethene	< 2.00	ug/L		8/26/2017 00:54
1,2-Dichlorobenzene	< 2.00	ug/L		8/26/2017 00:54
1,2-Dichloroethane	< 2.00	ug/L		8/26/2017 00:54
1,2-Dichloropropane	< 2.00	ug/L		8/26/2017 00:54
1,3-Dichlorobenzene	< 2.00	ug/L		8/26/2017 00:54
1,4-Dichlorobenzene	< 2.00	ug/L		8/26/2017 00:54
Bromodichloromethane	< 2.00	ug/L		8/26/2017 00:54
Bromoform	< 5.00	ug/L		8/26/2017 00:54
Bromomethane	< 2.00	ug/L		8/26/2017 00:54
Carbon Tetrachloride	< 2.00	ug/L		8/26/2017 00:54
Chlorobenzene	< 2.00	ug/L		8/26/2017 00:54
Chloroethane	< 2.00	ug/L		8/26/2017 00:54
Chloroform	< 2.00	ug/L		8/26/2017 00:54
Chloromethane	< 2.00	ug/L		8/26/2017 00:54
cis-1,2-Dichloroethene	**3.86**	ug/L		8/26/2017 00:54

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173674

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W31
Lab Sample ID: 173674-02 **Date Sampled:** 8/15/2017
Matrix: Groundwater **Date Received:** 8/16/2017

cis-1,3-Dichloropropene	< 2.00	ug/L			8/26/2017 00:54
Dibromochloromethane	< 2.00	ug/L			8/26/2017 00:54
Methylene chloride	< 5.00	ug/L			8/26/2017 00:54
Tetrachloroethene	< 2.00	ug/L			8/26/2017 00:54
trans-1,2-Dichloroethene	< 2.00	ug/L			8/26/2017 00:54
trans-1,3-Dichloropropene	< 2.00	ug/L			8/26/2017 00:54
Trichloroethene	< 2.00	ug/L			8/26/2017 00:54
Trichlorofluoromethane	< 2.00	ug/L			8/26/2017 00:54
Vinyl chloride	< 2.00	ug/L			8/26/2017 00:54

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**101**	85.9 - 118		8/26/2017 00:54
4-Bromofluorobenzene	**96.5**	69.4 - 123		8/26/2017 00:54
Pentafluorobenzene	**98.1**	81.6 - 114		8/26/2017 00:54
Toluene-D8	**96.8**	82.7- 112		8/26/2017 00:54

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x44560.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.

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, tern 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 wi 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 th 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.

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

PARADIGM
ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

1 of 2

REPORT TO:		INVOICE TO:		
CLIENT: Stantec		CLIENT: Same		LAB PROJECT ID: 173674
ADDRESS: 61 Commercial St		ADDRESS:		
CITY: Rochester	STATE: NY ZIP: 14614	CITY:	STATE: ZIP:	Quotation #:
PHONE: 413-526C		PHONE: 413 5301		Email: mike.storonsky@stantec.com
ATTN: Mike Storonsky		ATTN: Bob Mahoney		

PROJECT REFERENCE

Carriage Factory

Matrix Codes:

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

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Halogenated VOC	Cd, Cu, Pb, Zn	REMARKS	PARADIGM LAB SAMPLE NUMBER
8/15/17	1350		X	LI-EL-W30	WG	3	X	X		01
11	1520	X		LI-EL-W31	11	11	X	X		02
				CPC LB/SP 3-7-18						

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	☐			
Other please indicate date needed:	☐	Other please indicate package needed:	☐	Other EDD please indicate EDD needed: Stantec ☒

Benjamin Hamuth — 8/15/17
Sampled By — Date/Time

Benjamin Hamuth — 8/15 1800
Relinquished By — Date/Time

C Stiles — 8/15/17 @1803
Received By — Date/Time

Total Cost:

P.I.F.

[signature] — 8/15/17 1806
Received @ Lab By — Date/Time

JPL 8/16/17 10:17 15°C on ice

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

See additional page for sample conditions.

Chain of Custody Supplement

Client: Stantec **Completed by:** Glen Pezzulo

Lab Project ID: 173674 **Date:** 8/16/17

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	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X VOA		X
Comments			
Preservation	X		
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X	~~X~~ GP 8/16/17	X metals
Comments	15°C iced started in field		
Sufficient Sample Quantity	X		
Comments			

PARADIGM ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

180390

Referencing

Carriage Factory

Prepared

Tuesday, February 27, 2018

This Project has been re-issued to make corrections to the Sample Identifiers, per client request.

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

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180390

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W33
Lab Sample ID: 180390-01 **Date Sampled:** 2/1/2018
Matrix: Groundwater **Date Received:** 2/2/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Cadmium	< 0.00500	mg/L		2/9/2018 18:07
Copper	< 0.0250	mg/L		2/9/2018 18:07
Lead	< 0.0100	mg/L		2/9/2018 18:07
Zinc	**0.0947**	mg/L		2/9/2018 18:07

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 2/9/2018
Data File: 180209B

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/9/2018 17:46
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/9/2018 17:46
1,1,2-Trichloroethane	< 2.00	ug/L		2/9/2018 17:46
1,1-Dichloroethane	< 2.00	ug/L		2/9/2018 17:46
1,1-Dichloroethene	< 2.00	ug/L		2/9/2018 17:46
1,2-Dichlorobenzene	< 2.00	ug/L		2/9/2018 17:46
1,2-Dichloroethane	< 2.00	ug/L		2/9/2018 17:46
1,2-Dichloropropane	< 2.00	ug/L		2/9/2018 17:46
1,3-Dichlorobenzene	< 2.00	ug/L		2/9/2018 17:46
1,4-Dichlorobenzene	< 2.00	ug/L		2/9/2018 17:46
Bromodichloromethane	< 2.00	ug/L		2/9/2018 17:46
Bromoform	< 5.00	ug/L		2/9/2018 17:46
Bromomethane	< 2.00	ug/L		2/9/2018 17:46
Carbon Tetrachloride	< 2.00	ug/L		2/9/2018 17:46
Chlorobenzene	< 2.00	ug/L		2/9/2018 17:46
Chloroethane	< 2.00	ug/L		2/9/2018 17:46
Chloroform	< 2.00	ug/L		2/9/2018 17:46
Chloromethane	< 2.00	ug/L		2/9/2018 17:46
cis-1,2-Dichloroethene	< 2.00	ug/L		2/9/2018 17:46

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180390

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W33
Lab Sample ID: 180390-01 **Date Sampled:** 2/1/2018
Matrix: Groundwater **Date Received:** 2/2/2018

cis-1,3-Dichloropropene	< 2.00	ug/L			2/9/2018 17:46
Dibromochloromethane	< 2.00	ug/L			2/9/2018 17:46
Methylene chloride	< 5.00	ug/L			2/9/2018 17:46
Tetrachloroethene	< 2.00	ug/L			2/9/2018 17:46
trans-1,2-Dichloroethene	< 2.00	ug/L			2/9/2018 17:46
trans-1,3-Dichloropropene	< 2.00	ug/L			2/9/2018 17:46
Trichloroethene	< 2.00	ug/L			2/9/2018 17:46
Trichlorofluoromethane	< 2.00	ug/L			2/9/2018 17:46
Vinyl chloride	< 2.00	ug/L			2/9/2018 17:46

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**100**	85.9 - 118		2/9/2018 17:46
4-Bromofluorobenzene	**98.8**	69.4 - 123		2/9/2018 17:46
Pentafluorobenzene	**100**	81.6- 114		2/9/2018 17:46
Toluene-D8	**98.5**	82.7 - 112		2/9/2018 17:46

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x48624.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180390

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W34
Lab Sample ID: 180390-02 **Date Sampled:** 2/2/2018
Matrix: Groundwater **Date Received:** 2/2/2018

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Cadmium	< 0.00500	mg/L		2/9/2018 18:11
Copper	< 0.0250	mg/L		2/9/2018 18:11
Lead	< 0.0100	mg/L		2/9/2018 18:11
Zinc	< 0.0600	mg/L		2/9/2018 18:11

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 2/9/2018
Data File: 180209B

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/9/2018 18:10
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/9/2018 18:10
1,1,2-Trichloroethane	< 2.00	ug/L		2/9/2018 18:10
1,1-Dichloroethane	< 2.00	ug/L		2/9/2018 18:10
1,1-Dichloroethene	< 2.00	ug/L		2/9/2018 18:10
1,2-Dichlorobenzene	< 2.00	ug/L		2/9/2018 18:10
1,2-Dichloroethane	< 2.00	ug/L		2/9/2018 18:10
1,2-Dichloropropane	< 2.00	ug/L		2/9/2018 18:10
1,3-Dichlorobenzene	< 2.00	ug/L		2/9/2018 18:10
1,4-Dichlorobenzene	< 2.00	ug/L		2/9/2018 18:10
Bromodichloromethane	< 2.00	ug/L		2/9/2018 18:10
Bromoform	< 5.00	ug/L		2/9/2018 18:10
Bromomethane	< 2.00	ug/L		2/9/2018 18:10
Carbon Tetrachloride	< 2.00	ug/L		2/9/2018 18:10
Chlorobenzene	< 2.00	ug/L		2/9/2018 18:10
Chloroethane	< 2.00	ug/L		2/9/2018 18:10
Chloroform	< 2.00	ug/L		2/9/2018 18:10
Chloromethane	< 2.00	ug/L		2/9/2018 18:10
cis-1,2-Dichloroethene	< 2.00	ug/L		2/9/2018 18:10

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180390

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W34
Lab Sample ID: 180390-02 **Date Sampled:** 2/2/2018
Matrix: Groundwater **Date Received:** 2/2/2018

cis-1,3-Dichloropropene	< 2.00	ug/L		2/9/2018	18:10
Dibromochloromethane	< 2.00	ug/L		2/9/2018	18:10
Methylene chloride	< 5.00	ug/L		2/9/2018	18:10
Tetrachloroethene	< 2.00	ug/L		2/9/2018	18:10
trans-1,2-Dichloroethene	< 2.00	ug/L		2/9/2018	18:10
trans-1,3-Dichloropropene	< 2.00	ug/L		2/9/2018	18:10
Trichloroethene	< 2.00	ug/L		2/9/2018	18:10
Trichlorofluoromethane	< 2.00	ug/L		2/9/2018	18:10
Vinyl chloride	< 2.00	ug/L		2/9/2018	18:10

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**104**	85.9 - 118		2/9/2018	18:10
4-Bromofluorobenzene	**98.0**	69.4 - 123		2/9/2018	18:10
Pentafluorobenzene	**100**	81.6 - 114		2/9/2018	18:10
Toluene-D8	**101**	82.7 - 112		2/9/2018	18:10

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x48625.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.
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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.

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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.

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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. 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.

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

CHAIN OF CUSTODY

1 of 2

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		
CLIENT: Stantec		CLIENT: Same		LAB PROJECT ID: 180390
ADDRESS: 61 Commercial St., Suite 100		ADDRESS:		
CITY: Rochester	STATE: NY ZIP: 14614	CITY:	STATE: ZIP:	Quotation #:
PHONE: 413-5266		PHONE: 413-5301		Email: mike.staransky@stantec.com
ATTN: Mike Staransky		ATTN: Bob Mahaney		

PROJECT REFERENCE: Carriage Factory

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

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Unpreserved VOC	Cd, Cu, Pb, Zn	REMARKS	PARADIGM LAB SAMPLE NUMBER
2/1/18	1035		X	~~LI-EL-33~~ LI-EL-W33	WG	3	X	X		01
2/2/18	1355	X		~~LI-EW-34~~ LI-EL-W34	WG	3	X	X		02
				CPC - CL 2/27/18						

Laura Best

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	☐				
Other please indicate date needed:	☐	Other please indicate package needed:	☐	Other EDD please indicate EDD needed :	☐

Jay Delmedico — Sampled By — Date/Time: 2/2/18 3:05

Relinquished By — Date/Time: 2/2/18 3:05

Received By — Date/Time: 2/2/18 15:38

Received @ Lab By — Date/Time: 4°C iced 2/2/18 15:32

Total Cost:

P.I.F.

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

See additional page for sample conditions.

Chain of Custody Supplement

Client: Stantec **Completed by:** Glen Pezzulo

Lab Project ID: 180390 **Date:** 2/2/18

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	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X VOA		X
Comments			
Preservation	X		
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		X metals
Comments	4°C iced		
Sufficient Sample Quantity	X		
Comments			

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-1-PS21		
Lab Sample ID:	173804-01	**Date Sampled:**	8/15/2017
Matrix:	Groundwater	**Date Received:**	8/23/2017

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/26/2017 04:23
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/26/2017 04:23
1,1,2-Trichloroethane	< 2.00	ug/L		8/26/2017 04:23
1,1-Dichloroethane	< 2.00	ug/L		8/26/2017 04:23
1,1-Dichloroethene	< 2.00	ug/L		8/26/2017 04:23
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/26/2017 04:23
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/26/2017 04:23
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/26/2017 04:23
1,2-Dibromoethane	< 2.00	ug/L		8/26/2017 04:23
1,2-Dichlorobenzene	< 2.00	ug/L		8/26/2017 04:23
1,2-Dichloroethane	< 2.00	ug/L		8/26/2017 04:23
1,2-Dichloropropane	< 2.00	ug/L		8/26/2017 04:23
1,3-Dichlorobenzene	< 2.00	ug/L		8/26/2017 04:23
1,4-Dichlorobenzene	< 2.00	ug/L		8/26/2017 04:23
1,4-dioxane	< 20.0	ug/L		8/26/2017 04:23
2-Butanone	< 10.0	ug/L		8/26/2017 04:23
2-Hexanone	< 5.00	ug/L		8/26/2017 04:23
4-Methyl-2-pentanone	< 5.00	ug/L		8/26/2017 04:23
Acetone	< 10.0	ug/L		8/26/2017 04:23
Benzene	< 1.00	ug/L		8/26/2017 04:23
Bromochloromethane	< 5.00	ug/L		8/26/2017 04:23
Bromodichloromethane	< 2.00	ug/L		8/26/2017 04:23
Bromoform	< 5.00	ug/L		8/26/2017 04:23
Bromomethane	< 2.00	ug/L		8/26/2017 04:23
Carbon disulfide	< 2.00	ug/L		8/26/2017 04:23
Carbon Tetrachloride	< 2.00	ug/L		8/26/2017 04:23
Chlorobenzene	< 2.00	ug/L		8/26/2017 04:23

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-1-PS21
Lab Sample ID: 173804-01 **Date Sampled:** 8/15/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Chloroethane	< 2.00	ug/L		8/26/2017	04:23
Chloroform	< 2.00	ug/L		8/26/2017	04:23
Chloromethane	< 2.00	ug/L		8/26/2017	04:23
cis-1,2-Dichloroethene	**3.01**	ug/L		8/26/2017	04:23
cis-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	04:23
Cyclohexane	< 10.0	ug/L		8/26/2017	04:23
Dibromochloromethane	< 2.00	ug/L	L	8/26/2017	04:23
Dichlorodifluoromethane	< 2.00	ug/L		8/26/2017	04:23
Ethylbenzene	< 2.00	ug/L		8/26/2017	04:23
Freon 113	< 2.00	ug/L		8/26/2017	04:23
Isopropylbenzene	< 2.00	ug/L		8/26/2017	04:23
m,p-Xylene	< 2.00	ug/L		8/26/2017	04:23
Methyl acetate	< 2.00	ug/L		8/26/2017	04:23
Methyl tert-butyl Ether	< 2.00	ug/L		8/26/2017	04:23
Methylcyclohexane	< 2.00	ug/L		8/26/2017	04:23
Methylene chloride	**2.79**	ug/L	J	8/26/2017	04:23
o-Xylene	< 2.00	ug/L		8/26/2017	04:23
Styrene	< 5.00	ug/L		8/26/2017	04:23
Tetrachloroethene	< 2.00	ug/L		8/26/2017	04:23
Toluene	< 2.00	ug/L		8/26/2017	04:23
trans-1,2-Dichloroethene	**1.18**	ug/L	J	8/26/2017	04:23
trans-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	04:23
Trichloroethene	< 2.00	ug/L		8/26/2017	04:23
Trichlorofluoromethane	< 2.00	ug/L		8/26/2017	04:23
Vinyl chloride	**6.31**	ug/L		8/26/2017	04:23

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-1-PS21
Lab Sample ID: 173804-01 **Date Sampled:** 8/15/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**102**	85.9 - 118		8/26/2017	04:23
4-Bromofluorobenzene	**96.8**	69.4 - 123		8/26/2017	04:23
Pentafluorobenzene	**96.7**	81.6 - 114		8/26/2017	04:23
Toluene-D8	**98.3**	82.7 - 112		8/26/2017	04:23

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x44569.D

Report Prepared Tuesday, August 29, 2017

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-2-PS21		
Lab Sample ID:	173804-02	**Date Sampled:**	8/15/2017
Matrix:	Groundwater	**Date Received:**	8/23/2017

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/26/2017 04:47
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/26/2017 04:47
1,1,2-Trichloroethane	< 2.00	ug/L		8/26/2017 04:47
1,1-Dichloroethane	< 2.00	ug/L		8/26/2017 04:47
1,1-Dichloroethene	< 2.00	ug/L		8/26/2017 04:47
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/26/2017 04:47
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/26/2017 04:47
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/26/2017 04:47
1,2-Dibromoethane	< 2.00	ug/L		8/26/2017 04:47
1,2-Dichlorobenzene	< 2.00	ug/L		8/26/2017 04:47
1,2-Dichloroethane	< 2.00	ug/L		8/26/2017 04:47
1,2-Dichloropropane	< 2.00	ug/L		8/26/2017 04:47
1,3-Dichlorobenzene	< 2.00	ug/L		8/26/2017 04:47
1,4-Dichlorobenzene	< 2.00	ug/L		8/26/2017 04:47
1,4-dioxane	< 20.0	ug/L		8/26/2017 04:47
2-Butanone	< 10.0	ug/L		8/26/2017 04:47
2-Hexanone	< 5.00	ug/L		8/26/2017 04:47
4-Methyl-2-pentanone	< 5.00	ug/L		8/26/2017 04:47
Acetone	< 10.0	ug/L		8/26/2017 04:47
Benzene	< 1.00	ug/L		8/26/2017 04:47
Bromochloromethane	< 5.00	ug/L		8/26/2017 04:47
Bromodichloromethane	< 2.00	ug/L		8/26/2017 04:47
Bromoform	< 5.00	ug/L		8/26/2017 04:47
Bromomethane	< 2.00	ug/L		8/26/2017 04:47
Carbon disulfide	< 2.00	ug/L		8/26/2017 04:47
Carbon Tetrachloride	< 2.00	ug/L		8/26/2017 04:47
Chlorobenzene	< 2.00	ug/L		8/26/2017 04:47

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-2-PS21
Lab Sample ID: 173804-02 **Date Sampled:** 8/15/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Chloroethane	< 2.00	ug/L		8/26/2017	04:47
Chloroform	< 2.00	ug/L		8/26/2017	04:47
Chloromethane	< 2.00	ug/L		8/26/2017	04:47
cis-1,2-Dichloroethene	**5.89**	ug/L		8/26/2017	04:47
cis-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	04:47
Cyclohexane	< 10.0	ug/L		8/26/2017	04:47
Dibromochloromethane	< 2.00	ug/L	L	8/26/2017	04:47
Dichlorodifluoromethane	< 2.00	ug/L		8/26/2017	04:47
Ethylbenzene	< 2.00	ug/L		8/26/2017	04:47
Freon 113	< 2.00	ug/L		8/26/2017	04:47
Isopropylbenzene	< 2.00	ug/L		8/26/2017	04:47
m,p-Xylene	< 2.00	ug/L		8/26/2017	04:47
Methyl acetate	< 2.00	ug/L		8/26/2017	04:47
Methyl tert-butyl Ether	< 2.00	ug/L		8/26/2017	04:47
Methylcyclohexane	< 2.00	ug/L		8/26/2017	04:47
Methylene chloride	< 5.00	ug/L		8/26/2017	04:47
o-Xylene	< 2.00	ug/L		8/26/2017	04:47
Styrene	< 5.00	ug/L		8/26/2017	04:47
Tetrachloroethene	< 2.00	ug/L		8/26/2017	04:47
Toluene	< 2.00	ug/L		8/26/2017	04:47
trans-1,2-Dichloroethene	< 2.00	ug/L		8/26/2017	04:47
trans-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	04:47
Trichloroethene	< 2.00	ug/L		8/26/2017	04:47
Trichlorofluoromethane	< 2.00	ug/L		8/26/2017	04:47
Vinyl chloride	**2.45**	ug/L		8/26/2017	04:47

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-2-PS21
Lab Sample ID: 173804-02 **Date Sampled:** 8/15/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**101**	85.9 - 118		8/26/2017	04:47
4-Bromofluorobenzene	**95.6**	69.4 - 123		8/26/2017	04:47
Pentafluorobenzene	**96.6**	81.6 - 114		8/26/2017	04:47
Toluene-D8	**98.0**	82.7 - 112		8/26/2017	04:47

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x44570.D

Report Prepared Tuesday, August 29, 2017

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-3-PS21		
Lab Sample ID:	173804-03	**Date Sampled:**	8/15/2017
Matrix:	Groundwater	**Date Received:**	8/23/2017

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/26/2017 05:10
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/26/2017 05:10
1,1,2-Trichloroethane	< 2.00	ug/L		8/26/2017 05:10
1,1-Dichloroethane	< 2.00	ug/L		8/26/2017 05:10
1,1-Dichloroethene	< 2.00	ug/L		8/26/2017 05:10
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/26/2017 05:10
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/26/2017 05:10
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/26/2017 05:10
1,2-Dibromoethane	< 2.00	ug/L		8/26/2017 05:10
1,2-Dichlorobenzene	< 2.00	ug/L		8/26/2017 05:10
1,2-Dichloroethane	< 2.00	ug/L		8/26/2017 05:10
1,2-Dichloropropane	< 2.00	ug/L		8/26/2017 05:10
1,3-Dichlorobenzene	< 2.00	ug/L		8/26/2017 05:10
1,4-Dichlorobenzene	< 2.00	ug/L		8/26/2017 05:10
1,4-dioxane	< 20.0	ug/L		8/26/2017 05:10
2-Butanone	< 10.0	ug/L		8/26/2017 05:10
2-Hexanone	< 5.00	ug/L		8/26/2017 05:10
4-Methyl-2-pentanone	< 5.00	ug/L		8/26/2017 05:10
Acetone	< 10.0	ug/L		8/26/2017 05:10
Benzene	< 1.00	ug/L		8/26/2017 05:10
Bromochloromethane	< 5.00	ug/L		8/26/2017 05:10
Bromodichloromethane	< 2.00	ug/L		8/26/2017 05:10
Bromoform	< 5.00	ug/L		8/26/2017 05:10
Bromomethane	< 2.00	ug/L		8/26/2017 05:10
Carbon disulfide	< 2.00	ug/L		8/26/2017 05:10
Carbon Tetrachloride	< 2.00	ug/L		8/26/2017 05:10
Chlorobenzene	< 2.00	ug/L		8/26/2017 05:10

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-3-PS21
Lab Sample ID: 173804-03 **Date Sampled:** 8/15/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Chloroethane	< 2.00	ug/L		8/26/2017	05:10
Chloroform	< 2.00	ug/L		8/26/2017	05:10
Chloromethane	< 2.00	ug/L		8/26/2017	05:10
cis-1,2-Dichloroethene	**2.47**	ug/L		8/26/2017	05:10
cis-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	05:10
Cyclohexane	< 10.0	ug/L		8/26/2017	05:10
Dibromochloromethane	< 2.00	ug/L	L	8/26/2017	05:10
Dichlorodifluoromethane	< 2.00	ug/L		8/26/2017	05:10
Ethylbenzene	< 2.00	ug/L		8/26/2017	05:10
Freon 113	< 2.00	ug/L		8/26/2017	05:10
Isopropylbenzene	< 2.00	ug/L		8/26/2017	05:10
m,p-Xylene	< 2.00	ug/L		8/26/2017	05:10
Methyl acetate	< 2.00	ug/L		8/26/2017	05:10
Methyl tert-butyl Ether	**7.97**	ug/L		8/26/2017	05:10
Methylcyclohexane	< 2.00	ug/L		8/26/2017	05:10
Methylene chloride	< 5.00	ug/L		8/26/2017	05:10
o-Xylene	< 2.00	ug/L		8/26/2017	05:10
Styrene	< 5.00	ug/L		8/26/2017	05:10
Tetrachloroethene	< 2.00	ug/L		8/26/2017	05:10
Toluene	< 2.00	ug/L		8/26/2017	05:10
trans-1,2-Dichloroethene	**2.46**	ug/L		8/26/2017	05:10
trans-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	05:10
Trichloroethene	**1.86**	ug/L	J	8/26/2017	05:10
Trichlorofluoromethane	< 2.00	ug/L		8/26/2017	05:10
Vinyl chloride	**5.80**	ug/L		8/26/2017	05:10

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-3-PS21
Lab Sample ID: 173804-03 **Date Sampled:** 8/15/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**104**	85.9 - 118		8/26/2017	05:10
4-Bromofluorobenzene	**95.3**	69.4 - 123		8/26/2017	05:10
Pentafluorobenzene	**96.6**	81.6 - 114		8/26/2017	05:10
Toluene-D8	**97.7**	82.7 - 112		8/26/2017	05:10

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x44571.D

Report Prepared Tuesday, August 29, 2017

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-4-PS21		
Lab Sample ID:	173804-04	**Date Sampled:**	8/14/2017
Matrix:	Groundwater	**Date Received:**	8/23/2017

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/26/2017 05:33
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/26/2017 05:33
1,1,2-Trichloroethane	< 2.00	ug/L		8/26/2017 05:33
1,1-Dichloroethane	< 2.00	ug/L		8/26/2017 05:33
1,1-Dichloroethene	< 2.00	ug/L		8/26/2017 05:33
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/26/2017 05:33
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/26/2017 05:33
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/26/2017 05:33
1,2-Dibromoethane	< 2.00	ug/L		8/26/2017 05:33
1,2-Dichlorobenzene	< 2.00	ug/L		8/26/2017 05:33
1,2-Dichloroethane	< 2.00	ug/L		8/26/2017 05:33
1,2-Dichloropropane	< 2.00	ug/L		8/26/2017 05:33
1,3-Dichlorobenzene	< 2.00	ug/L		8/26/2017 05:33
1,4-Dichlorobenzene	< 2.00	ug/L		8/26/2017 05:33
1,4-dioxane	< 20.0	ug/L		8/26/2017 05:33
2-Butanone	< 10.0	ug/L		8/26/2017 05:33
2-Hexanone	< 5.00	ug/L		8/26/2017 05:33
4-Methyl-2-pentanone	< 5.00	ug/L		8/26/2017 05:33
Acetone	< 10.0	ug/L		8/26/2017 05:33
Benzene	< 1.00	ug/L		8/26/2017 05:33
Bromochloromethane	< 5.00	ug/L		8/26/2017 05:33
Bromodichloromethane	< 2.00	ug/L		8/26/2017 05:33
Bromoform	< 5.00	ug/L		8/26/2017 05:33
Bromomethane	< 2.00	ug/L		8/26/2017 05:33
Carbon disulfide	< 2.00	ug/L		8/26/2017 05:33
Carbon Tetrachloride	< 2.00	ug/L		8/26/2017 05:33
Chlorobenzene	< 2.00	ug/L		8/26/2017 05:33

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-4-PS21
Lab Sample ID: 173804-04 **Date Sampled:** 8/14/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Chloroethane	< 2.00	ug/L		8/26/2017	05:33
Chloroform	< 2.00	ug/L		8/26/2017	05:33
Chloromethane	< 2.00	ug/L		8/26/2017	05:33
cis-1,2-Dichloroethene	**2.06**	ug/L		8/26/2017	05:33
cis-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	05:33
Cyclohexane	< 10.0	ug/L		8/26/2017	05:33
Dibromochloromethane	< 2.00	ug/L	L	8/26/2017	05:33
Dichlorodifluoromethane	< 2.00	ug/L		8/26/2017	05:33
Ethylbenzene	< 2.00	ug/L		8/26/2017	05:33
Freon 113	< 2.00	ug/L		8/26/2017	05:33
Isopropylbenzene	< 2.00	ug/L		8/26/2017	05:33
m,p-Xylene	< 2.00	ug/L		8/26/2017	05:33
Methyl acetate	< 2.00	ug/L		8/26/2017	05:33
Methyl tert-butyl Ether	< 2.00	ug/L		8/26/2017	05:33
Methylcyclohexane	< 2.00	ug/L		8/26/2017	05:33
Methylene chloride	< 5.00	ug/L		8/26/2017	05:33
o-Xylene	< 2.00	ug/L		8/26/2017	05:33
Styrene	< 5.00	ug/L		8/26/2017	05:33
Tetrachloroethene	< 2.00	ug/L		8/26/2017	05:33
Toluene	< 2.00	ug/L		8/26/2017	05:33
trans-1,2-Dichloroethene	< 2.00	ug/L		8/26/2017	05:33
trans-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	05:33
Trichloroethene	< 2.00	ug/L		8/26/2017	05:33
Trichlorofluoromethane	< 2.00	ug/L		8/26/2017	05:33
Vinyl chloride	< 2.00	ug/L		8/26/2017	05:33

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-4-PS21
Lab Sample ID: 173804-04 **Date Sampled:** 8/14/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**104**	85.9 - 118		8/26/2017	05:33
4-Bromofluorobenzene	**95.9**	69.4 - 123		8/26/2017	05:33
Pentafluorobenzene	**96.6**	81.6 - 114		8/26/2017	05:33
Toluene-D8	**97.9**	82.7 - 112		8/26/2017	05:33

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x44572.D

Report Prepared Tuesday, August 29, 2017

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-5-PS21		
Lab Sample ID:	173804-05	**Date Sampled:**	8/14/2017
Matrix:	Groundwater	**Date Received:**	8/23/2017

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/26/2017 05:56
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/26/2017 05:56
1,1,2-Trichloroethane	< 2.00	ug/L		8/26/2017 05:56
1,1-Dichloroethane	< 2.00	ug/L		8/26/2017 05:56
1,1-Dichloroethene	< 2.00	ug/L		8/26/2017 05:56
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/26/2017 05:56
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/26/2017 05:56
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/26/2017 05:56
1,2-Dibromoethane	< 2.00	ug/L		8/26/2017 05:56
1,2-Dichlorobenzene	< 2.00	ug/L		8/26/2017 05:56
1,2-Dichloroethane	< 2.00	ug/L		8/26/2017 05:56
1,2-Dichloropropane	< 2.00	ug/L		8/26/2017 05:56
1,3-Dichlorobenzene	< 2.00	ug/L		8/26/2017 05:56
1,4-Dichlorobenzene	< 2.00	ug/L		8/26/2017 05:56
1,4-dioxane	< 20.0	ug/L		8/26/2017 05:56
2-Butanone	< 10.0	ug/L		8/26/2017 05:56
2-Hexanone	< 5.00	ug/L		8/26/2017 05:56
4-Methyl-2-pentanone	< 5.00	ug/L		8/26/2017 05:56
Acetone	< 10.0	ug/L		8/26/2017 05:56
Benzene	**0.596**	ug/L	J	8/26/2017 05:56
Bromochloromethane	< 5.00	ug/L		8/26/2017 05:56
Bromodichloromethane	< 2.00	ug/L		8/26/2017 05:56
Bromoform	< 5.00	ug/L		8/26/2017 05:56
Bromomethane	< 2.00	ug/L		8/26/2017 05:56
Carbon disulfide	< 2.00	ug/L		8/26/2017 05:56
Carbon Tetrachloride	< 2.00	ug/L		8/26/2017 05:56
Chlorobenzene	< 2.00	ug/L		8/26/2017 05:56

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-5-PS21
Lab Sample ID: 173804-05 **Date Sampled:** 8/14/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Chloroethane	< 2.00	ug/L		8/26/2017	05:56
Chloroform	< 2.00	ug/L		8/26/2017	05:56
Chloromethane	< 2.00	ug/L		8/26/2017	05:56
cis-1,2-Dichloroethene	**32.1**	ug/L		8/26/2017	05:56
cis-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	05:56
Cyclohexane	< 10.0	ug/L		8/26/2017	05:56
Dibromochloromethane	< 2.00	ug/L	L	8/26/2017	05:56
Dichlorodifluoromethane	< 2.00	ug/L		8/26/2017	05:56
Ethylbenzene	< 2.00	ug/L		8/26/2017	05:56
Freon 113	< 2.00	ug/L		8/26/2017	05:56
Isopropylbenzene	< 2.00	ug/L		8/26/2017	05:56
m,p-Xylene	< 2.00	ug/L		8/26/2017	05:56
Methyl acetate	< 2.00	ug/L		8/26/2017	05:56
Methyl tert-butyl Ether	< 2.00	ug/L		8/26/2017	05:56
Methylcyclohexane	< 2.00	ug/L		8/26/2017	05:56
Methylene chloride	< 5.00	ug/L		8/26/2017	05:56
o-Xylene	< 2.00	ug/L		8/26/2017	05:56
Styrene	< 5.00	ug/L		8/26/2017	05:56
Tetrachloroethene	< 2.00	ug/L		8/26/2017	05:56
Toluene	< 2.00	ug/L		8/26/2017	05:56
trans-1,2-Dichloroethene	**1.16**	ug/L	J	8/26/2017	05:56
trans-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	05:56
Trichloroethene	**1.05**	ug/L	J	8/26/2017	05:56
Trichlorofluoromethane	< 2.00	ug/L		8/26/2017	05:56
Vinyl chloride	**14.0**	ug/L		8/26/2017	05:56

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-5-PS21
Lab Sample ID: 173804-05 **Date Sampled:** 8/14/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**104**	85.9 - 118		8/26/2017	05:56
4-Bromofluorobenzene	**95.6**	69.4 - 123		8/26/2017	05:56
Pentafluorobenzene	**95.5**	81.6 - 114		8/26/2017	05:56
Toluene-D8	**97.8**	82.7 - 112		8/26/2017	05:56

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x44573.D

Report Prepared Tuesday, August 29, 2017

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-6-PS21		
Lab Sample ID:	173804-06	**Date Sampled:**	8/14/2017
Matrix:	Groundwater	**Date Received:**	8/23/2017

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/28/2017 12:52
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/28/2017 12:52
1,1,2-Trichloroethane	< 2.00	ug/L		8/28/2017 12:52
1,1-Dichloroethane	< 2.00	ug/L		8/28/2017 12:52
1,1-Dichloroethene	< 2.00	ug/L		8/28/2017 12:52
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/28/2017 12:52
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/28/2017 12:52
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/28/2017 12:52
1,2-Dibromoethane	< 2.00	ug/L		8/28/2017 12:52
1,2-Dichlorobenzene	< 2.00	ug/L		8/28/2017 12:52
1,2-Dichloroethane	< 2.00	ug/L		8/28/2017 12:52
1,2-Dichloropropane	< 2.00	ug/L		8/28/2017 12:52
1,3-Dichlorobenzene	< 2.00	ug/L		8/28/2017 12:52
1,4-Dichlorobenzene	< 2.00	ug/L		8/28/2017 12:52
1,4-dioxane	< 20.0	ug/L		8/28/2017 12:52
2-Butanone	< 10.0	ug/L		8/28/2017 12:52
2-Hexanone	< 5.00	ug/L		8/28/2017 12:52
4-Methyl-2-pentanone	< 5.00	ug/L		8/28/2017 12:52
Acetone	< 10.0	ug/L		8/28/2017 12:52
Benzene	< 1.00	ug/L		8/28/2017 12:52
Bromochloromethane	< 5.00	ug/L		8/28/2017 12:52
Bromodichloromethane	< 2.00	ug/L		8/28/2017 12:52
Bromoform	< 5.00	ug/L		8/28/2017 12:52
Bromomethane	< 2.00	ug/L		8/28/2017 12:52
Carbon disulfide	< 2.00	ug/L		8/28/2017 12:52
Carbon Tetrachloride	< 2.00	ug/L		8/28/2017 12:52
Chlorobenzene	< 2.00	ug/L		8/28/2017 12:52

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-6-PS21
Lab Sample ID: 173804-06 **Date Sampled:** 8/14/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Chloroethane	< 2.00	ug/L		8/28/2017	12:52
Chloroform	< 2.00	ug/L		8/28/2017	12:52
Chloromethane	< 2.00	ug/L		8/28/2017	12:52
cis-1,2-Dichloroethene	**11.5**	ug/L		8/28/2017	12:52
cis-1,3-Dichloropropene	< 2.00	ug/L		8/28/2017	12:52
Cyclohexane	< 10.0	ug/L		8/28/2017	12:52
Dibromochloromethane	< 2.00	ug/L		8/28/2017	12:52
Dichlorodifluoromethane	< 2.00	ug/L		8/28/2017	12:52
Ethylbenzene	< 2.00	ug/L		8/28/2017	12:52
Freon 113	< 2.00	ug/L		8/28/2017	12:52
Isopropylbenzene	< 2.00	ug/L		8/28/2017	12:52
m,p-Xylene	< 2.00	ug/L		8/28/2017	12:52
Methyl acetate	< 2.00	ug/L		8/28/2017	12:52
Methyl tert-butyl Ether	**1.11**	ug/L	J	8/28/2017	12:52
Methylcyclohexane	< 2.00	ug/L		8/28/2017	12:52
Methylene chloride	< 5.00	ug/L		8/28/2017	12:52
o-Xylene	< 2.00	ug/L		8/28/2017	12:52
Styrene	< 5.00	ug/L		8/28/2017	12:52
Tetrachloroethene	**2.58**	ug/L		8/28/2017	12:52
Toluene	< 2.00	ug/L		8/28/2017	12:52
trans-1,2-Dichloroethene	< 2.00	ug/L		8/28/2017	12:52
trans-1,3-Dichloropropene	< 2.00	ug/L		8/28/2017	12:52
Trichloroethene	**1.57**	ug/L	J	8/28/2017	12:52
Trichlorofluoromethane	< 2.00	ug/L		8/28/2017	12:52
Vinyl chloride	**9.07**	ug/L		8/28/2017	12:52

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-6-PS21
Lab Sample ID: 173804-06 **Date Sampled:** 8/14/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**100**	85.9 - 118		8/28/2017	12:52
4-Bromofluorobenzene	**91.4**	69.4 - 123		8/28/2017	12:52
Pentafluorobenzene	**95.7**	81.6 - 114		8/28/2017	12:52
Toluene-D8	**97.6**	82.7 - 112		8/28/2017	12:52

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x44602.D

Report Prepared Tuesday, August 29, 2017

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-7-PS21		
Lab Sample ID:	173804-07	**Date Sampled:**	8/14/2017
Matrix:	Groundwater	**Date Received:**	8/23/2017

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/26/2017 06:42
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/26/2017 06:42
1,1,2-Trichloroethane	< 2.00	ug/L		8/26/2017 06:42
1,1-Dichloroethane	< 2.00	ug/L		8/26/2017 06:42
1,1-Dichloroethene	< 2.00	ug/L		8/26/2017 06:42
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/26/2017 06:42
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/26/2017 06:42
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/26/2017 06:42
1,2-Dibromoethane	< 2.00	ug/L		8/26/2017 06:42
1,2-Dichlorobenzene	< 2.00	ug/L		8/26/2017 06:42
1,2-Dichloroethane	< 2.00	ug/L		8/26/2017 06:42
1,2-Dichloropropane	< 2.00	ug/L		8/26/2017 06:42
1,3-Dichlorobenzene	< 2.00	ug/L		8/26/2017 06:42
1,4-Dichlorobenzene	< 2.00	ug/L		8/26/2017 06:42
1,4-dioxane	< 20.0	ug/L		8/26/2017 06:42
2-Butanone	< 10.0	ug/L		8/26/2017 06:42
2-Hexanone	< 5.00	ug/L		8/26/2017 06:42
4-Methyl-2-pentanone	< 5.00	ug/L		8/26/2017 06:42
Acetone	< 10.0	ug/L		8/26/2017 06:42
Benzene	< 1.00	ug/L		8/26/2017 06:42
Bromochloromethane	< 5.00	ug/L		8/26/2017 06:42
Bromodichloromethane	< 2.00	ug/L		8/26/2017 06:42
Bromoform	< 5.00	ug/L		8/26/2017 06:42
Bromomethane	< 2.00	ug/L		8/26/2017 06:42
Carbon disulfide	< 2.00	ug/L		8/26/2017 06:42
Carbon Tetrachloride	< 2.00	ug/L		8/26/2017 06:42
Chlorobenzene	< 2.00	ug/L		8/26/2017 06:42

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-7-PS21
Lab Sample ID: 173804-07 **Date Sampled:** 8/14/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Chloroethane	< 2.00	ug/L		8/26/2017	06:42
Chloroform	< 2.00	ug/L		8/26/2017	06:42
Chloromethane	< 2.00	ug/L		8/26/2017	06:42
cis-1,2-Dichloroethene	< 2.00	ug/L		8/26/2017	06:42
cis-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	06:42
Cyclohexane	< 10.0	ug/L		8/26/2017	06:42
Dibromochloromethane	< 2.00	ug/L	L	8/26/2017	06:42
Dichlorodifluoromethane	< 2.00	ug/L		8/26/2017	06:42
Ethylbenzene	< 2.00	ug/L		8/26/2017	06:42
Freon 113	< 2.00	ug/L		8/26/2017	06:42
Isopropylbenzene	< 2.00	ug/L		8/26/2017	06:42
m,p-Xylene	< 2.00	ug/L		8/26/2017	06:42
Methyl acetate	< 2.00	ug/L		8/26/2017	06:42
Methyl tert-butyl Ether	< 2.00	ug/L		8/26/2017	06:42
Methylcyclohexane	< 2.00	ug/L		8/26/2017	06:42
Methylene chloride	< 5.00	ug/L		8/26/2017	06:42
o-Xylene	< 2.00	ug/L		8/26/2017	06:42
Styrene	< 5.00	ug/L		8/26/2017	06:42
Tetrachloroethene	< 2.00	ug/L		8/26/2017	06:42
Toluene	< 2.00	ug/L		8/26/2017	06:42
trans-1,2-Dichloroethene	< 2.00	ug/L		8/26/2017	06:42
trans-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	06:42
Trichloroethene	< 2.00	ug/L		8/26/2017	06:42
Trichlorofluoromethane	< 2.00	ug/L		8/26/2017	06:42
Vinyl chloride	< 2.00	ug/L		8/26/2017	06:42

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-7-PS21
Lab Sample ID: 173804-07 **Date Sampled:** 8/14/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**104**	85.9 - 118		8/26/2017	06:42
4-Bromofluorobenzene	**93.0**	69.4 - 123		8/26/2017	06:42
Pentafluorobenzene	**94.4**	81.6 - 114		8/26/2017	06:42
Toluene-D8	**97.0**	82.7 - 112		8/26/2017	06:42

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x44575.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 Tuesday, August 29, 2017

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-9-PS21		
Lab Sample ID:	173804-08	**Date Sampled:**	8/14/2017
Matrix:	Groundwater	**Date Received:**	8/23/2017

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/26/2017 09:25
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/26/2017 09:25
1,1,2-Trichloroethane	< 2.00	ug/L		8/26/2017 09:25
1,1-Dichloroethane	< 2.00	ug/L		8/26/2017 09:25
1,1-Dichloroethene	< 2.00	ug/L		8/26/2017 09:25
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/26/2017 09:25
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/26/2017 09:25
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/26/2017 09:25
1,2-Dibromoethane	< 2.00	ug/L		8/26/2017 09:25
1,2-Dichlorobenzene	< 2.00	ug/L		8/26/2017 09:25
1,2-Dichloroethane	< 2.00	ug/L		8/26/2017 09:25
1,2-Dichloropropane	< 2.00	ug/L		8/26/2017 09:25
1,3-Dichlorobenzene	< 2.00	ug/L		8/26/2017 09:25
1,4-Dichlorobenzene	< 2.00	ug/L		8/26/2017 09:25
1,4-dioxane	< 20.0	ug/L		8/26/2017 09:25
2-Butanone	< 10.0	ug/L		8/26/2017 09:25
2-Hexanone	< 5.00	ug/L		8/26/2017 09:25
4-Methyl-2-pentanone	< 5.00	ug/L		8/26/2017 09:25
Acetone	< 10.0	ug/L		8/26/2017 09:25
Benzene	< 1.00	ug/L		8/26/2017 09:25
Bromochloromethane	< 5.00	ug/L		8/26/2017 09:25
Bromodichloromethane	< 2.00	ug/L		8/26/2017 09:25
Bromoform	< 5.00	ug/L		8/26/2017 09:25
Bromomethane	< 2.00	ug/L		8/26/2017 09:25
Carbon disulfide	< 2.00	ug/L		8/26/2017 09:25
Carbon Tetrachloride	< 2.00	ug/L		8/26/2017 09:25
Chlorobenzene	< 2.00	ug/L		8/26/2017 09:25

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-9-PS21
Lab Sample ID: 173804-08 **Date Sampled:** 8/14/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Chloroethane	< 2.00	ug/L		8/26/2017	09:25
Chloroform	< 2.00	ug/L		8/26/2017	09:25
Chloromethane	< 2.00	ug/L		8/26/2017	09:25
cis-1,2-Dichloroethene	< 2.00	ug/L		8/26/2017	09:25
cis-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	09:25
Cyclohexane	< 10.0	ug/L		8/26/2017	09:25
Dibromochloromethane	< 2.00	ug/L	L	8/26/2017	09:25
Dichlorodifluoromethane	< 2.00	ug/L		8/26/2017	09:25
Ethylbenzene	< 2.00	ug/L		8/26/2017	09:25
Freon 113	< 2.00	ug/L		8/26/2017	09:25
Isopropylbenzene	< 2.00	ug/L		8/26/2017	09:25
m,p-Xylene	< 2.00	ug/L		8/26/2017	09:25
Methyl acetate	< 2.00	ug/L		8/26/2017	09:25
Methyl tert-butyl Ether	< 2.00	ug/L		8/26/2017	09:25
Methylcyclohexane	< 2.00	ug/L		8/26/2017	09:25
Methylene chloride	< 5.00	ug/L		8/26/2017	09:25
o-Xylene	< 2.00	ug/L		8/26/2017	09:25
Styrene	< 5.00	ug/L		8/26/2017	09:25
Tetrachloroethene	**4.27**	ug/L		8/26/2017	09:25
Toluene	< 2.00	ug/L		8/26/2017	09:25
trans-1,2-Dichloroethene	< 2.00	ug/L		8/26/2017	09:25
trans-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	09:25
Trichloroethene	< 2.00	ug/L		8/26/2017	09:25
Trichlorofluoromethane	< 2.00	ug/L		8/26/2017	09:25
Vinyl chloride	< 2.00	ug/L		8/26/2017	09:25

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-9-PS21

Lab Sample ID: 173804-08 **Date Sampled:** 8/14/2017

Matrix: Groundwater **Date Received:** 8/23/2017

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**106**	85.9 - 118		8/26/2017	09:25
4-Bromofluorobenzene	**93.1**	69.4 - 123		8/26/2017	09:25
Pentafluorobenzene	**94.5**	81.6 - 114		8/26/2017	09:25
Toluene-D8	**96.5**	82.7 - 112		8/26/2017	09:25

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x44582.D

Report Prepared Tuesday, August 29, 2017

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-12-PS21		
Lab Sample ID:	173804-09	**Date Sampled:**	8/14/2017
Matrix:	Groundwater	**Date Received:**	8/23/2017

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/26/2017 07:06
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/26/2017 07:06
1,1,2-Trichloroethane	< 2.00	ug/L		8/26/2017 07:06
1,1-Dichloroethane	< 2.00	ug/L		8/26/2017 07:06
1,1-Dichloroethene	< 2.00	ug/L		8/26/2017 07:06
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/26/2017 07:06
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/26/2017 07:06
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/26/2017 07:06
1,2-Dibromoethane	< 2.00	ug/L		8/26/2017 07:06
1,2-Dichlorobenzene	< 2.00	ug/L		8/26/2017 07:06
1,2-Dichloroethane	< 2.00	ug/L		8/26/2017 07:06
1,2-Dichloropropane	< 2.00	ug/L		8/26/2017 07:06
1,3-Dichlorobenzene	< 2.00	ug/L		8/26/2017 07:06
1,4-Dichlorobenzene	< 2.00	ug/L		8/26/2017 07:06
1,4-dioxane	< 20.0	ug/L		8/26/2017 07:06
2-Butanone	< 10.0	ug/L		8/26/2017 07:06
2-Hexanone	< 5.00	ug/L		8/26/2017 07:06
4-Methyl-2-pentanone	< 5.00	ug/L		8/26/2017 07:06
Acetone	**10.1**	ug/L		8/26/2017 07:06
Benzene	< 1.00	ug/L		8/26/2017 07:06
Bromochloromethane	< 5.00	ug/L		8/26/2017 07:06
Bromodichloromethane	< 2.00	ug/L		8/26/2017 07:06
Bromoform	< 5.00	ug/L		8/26/2017 07:06
Bromomethane	< 2.00	ug/L		8/26/2017 07:06
Carbon disulfide	< 2.00	ug/L		8/26/2017 07:06
Carbon Tetrachloride	< 2.00	ug/L		8/26/2017 07:06
Chlorobenzene	< 2.00	ug/L		8/26/2017 07:06

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-12-PS21
Lab Sample ID: 173804-09 **Date Sampled:** 8/14/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Chloroethane	< 2.00	ug/L		8/26/2017	07:06
Chloroform	< 2.00	ug/L		8/26/2017	07:06
Chloromethane	< 2.00	ug/L		8/26/2017	07:06
cis-1,2-Dichloroethene	**1.48**	ug/L	J	8/26/2017	07:06
cis-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	07:06
Cyclohexane	< 10.0	ug/L		8/26/2017	07:06
Dibromochloromethane	< 2.00	ug/L	L	8/26/2017	07:06
Dichlorodifluoromethane	< 2.00	ug/L		8/26/2017	07:06
Ethylbenzene	< 2.00	ug/L		8/26/2017	07:06
Freon 113	< 2.00	ug/L		8/26/2017	07:06
Isopropylbenzene	< 2.00	ug/L		8/26/2017	07:06
m,p-Xylene	< 2.00	ug/L		8/26/2017	07:06
Methyl acetate	< 2.00	ug/L		8/26/2017	07:06
Methyl tert-butyl Ether	< 2.00	ug/L		8/26/2017	07:06
Methylcyclohexane	< 2.00	ug/L		8/26/2017	07:06
Methylene chloride	< 5.00	ug/L		8/26/2017	07:06
o-Xylene	< 2.00	ug/L		8/26/2017	07:06
Styrene	< 5.00	ug/L		8/26/2017	07:06
Tetrachloroethene	**1.69**	ug/L	J	8/26/2017	07:06
Toluene	**33.3**	ug/L		8/26/2017	07:06
trans-1,2-Dichloroethene	< 2.00	ug/L		8/26/2017	07:06
trans-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	07:06
Trichloroethene	**2.19**	ug/L		8/26/2017	07:06
Trichlorofluoromethane	< 2.00	ug/L		8/26/2017	07:06
Vinyl chloride	< 2.00	ug/L		8/26/2017	07:06

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-12-PS21
Lab Sample ID: 173804-09 **Date Sampled:** 8/14/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**104**	85.9 - 118		8/26/2017	07:06
4-Bromofluorobenzene	**93.1**	69.4 - 123		8/26/2017	07:06
Pentafluorobenzene	**94.4**	81.6 - 114		8/26/2017	07:06
Toluene-D8	**97.0**	82.7 - 112		8/26/2017	07:06

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x44576.D

Report Prepared Tuesday, August 29, 2017

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-B102-MW-PS21		
Lab Sample ID:	173804-10	**Date Sampled:**	8/14/2017
Matrix:	Groundwater	**Date Received:**	8/23/2017

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/26/2017 07:29
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/26/2017 07:29
1,1,2-Trichloroethane	< 2.00	ug/L		8/26/2017 07:29
1,1-Dichloroethane	< 2.00	ug/L		8/26/2017 07:29
1,1-Dichloroethene	< 2.00	ug/L		8/26/2017 07:29
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/26/2017 07:29
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/26/2017 07:29
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/26/2017 07:29
1,2-Dibromoethane	< 2.00	ug/L		8/26/2017 07:29
1,2-Dichlorobenzene	< 2.00	ug/L		8/26/2017 07:29
1,2-Dichloroethane	< 2.00	ug/L		8/26/2017 07:29
1,2-Dichloropropane	< 2.00	ug/L		8/26/2017 07:29
1,3-Dichlorobenzene	< 2.00	ug/L		8/26/2017 07:29
1,4-Dichlorobenzene	< 2.00	ug/L		8/26/2017 07:29
1,4-dioxane	< 20.0	ug/L		8/26/2017 07:29
2-Butanone	< 10.0	ug/L		8/26/2017 07:29
2-Hexanone	< 5.00	ug/L		8/26/2017 07:29
4-Methyl-2-pentanone	< 5.00	ug/L		8/26/2017 07:29
Acetone	< 10.0	ug/L		8/26/2017 07:29
Benzene	< 1.00	ug/L		8/26/2017 07:29
Bromochloromethane	< 5.00	ug/L		8/26/2017 07:29
Bromodichloromethane	< 2.00	ug/L		8/26/2017 07:29
Bromoform	< 5.00	ug/L		8/26/2017 07:29
Bromomethane	< 2.00	ug/L		8/26/2017 07:29
Carbon disulfide	< 2.00	ug/L		8/26/2017 07:29
Carbon Tetrachloride	< 2.00	ug/L		8/26/2017 07:29
Chlorobenzene	< 2.00	ug/L		8/26/2017 07:29

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B102-MW-PS21
Lab Sample ID: 173804-10 **Date Sampled:** 8/14/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Chloroethane	< 2.00	ug/L		8/26/2017	07:29
Chloroform	< 2.00	ug/L		8/26/2017	07:29
Chloromethane	< 2.00	ug/L		8/26/2017	07:29
cis-1,2-Dichloroethene	< 2.00	ug/L		8/26/2017	07:29
cis-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	07:29
Cyclohexane	< 10.0	ug/L		8/26/2017	07:29
Dibromochloromethane	< 2.00	ug/L	L	8/26/2017	07:29
Dichlorodifluoromethane	< 2.00	ug/L		8/26/2017	07:29
Ethylbenzene	< 2.00	ug/L		8/26/2017	07:29
Freon 113	< 2.00	ug/L		8/26/2017	07:29
Isopropylbenzene	< 2.00	ug/L		8/26/2017	07:29
m,p-Xylene	< 2.00	ug/L		8/26/2017	07:29
Methyl acetate	< 2.00	ug/L		8/26/2017	07:29
Methyl tert-butyl Ether	< 2.00	ug/L		8/26/2017	07:29
Methylcyclohexane	< 2.00	ug/L		8/26/2017	07:29
Methylene chloride	< 5.00	ug/L		8/26/2017	07:29
o-Xylene	< 2.00	ug/L		8/26/2017	07:29
Styrene	< 5.00	ug/L		8/26/2017	07:29
Tetrachloroethene	< 2.00	ug/L		8/26/2017	07:29
Toluene	< 2.00	ug/L		8/26/2017	07:29
trans-1,2-Dichloroethene	< 2.00	ug/L		8/26/2017	07:29
trans-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	07:29
Trichloroethene	< 2.00	ug/L		8/26/2017	07:29
Trichlorofluoromethane	< 2.00	ug/L		8/26/2017	07:29
Vinyl chloride	**2.44**	ug/L		8/26/2017	07:29

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B102-MW-PS21
Lab Sample ID: 173804-10 **Date Sampled:** 8/14/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**102**	85.9 - 118		8/26/2017	07:29
4-Bromofluorobenzene	**91.9**	69.4 - 123		8/26/2017	07:29
Pentafluorobenzene	**94.1**	81.6 - 114		8/26/2017	07:29
Toluene-D8	**96.3**	82.7 - 112		8/26/2017	07:29

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x44577.D

Report Prepared Tuesday, August 29, 2017

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-B106-MW-PS21		
Lab Sample ID:	173804-11	**Date Sampled:**	8/15/2017
Matrix:	Groundwater	**Date Received:**	8/23/2017

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/26/2017 07:52
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/26/2017 07:52
1,1,2-Trichloroethane	< 2.00	ug/L		8/26/2017 07:52
1,1-Dichloroethane	< 2.00	ug/L		8/26/2017 07:52
1,1-Dichloroethene	< 2.00	ug/L		8/26/2017 07:52
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/26/2017 07:52
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/26/2017 07:52
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/26/2017 07:52
1,2-Dibromoethane	< 2.00	ug/L		8/26/2017 07:52
1,2-Dichlorobenzene	< 2.00	ug/L		8/26/2017 07:52
1,2-Dichloroethane	< 2.00	ug/L		8/26/2017 07:52
1,2-Dichloropropane	< 2.00	ug/L		8/26/2017 07:52
1,3-Dichlorobenzene	< 2.00	ug/L		8/26/2017 07:52
1,4-Dichlorobenzene	< 2.00	ug/L		8/26/2017 07:52
1,4-dioxane	< 20.0	ug/L		8/26/2017 07:52
2-Butanone	< 10.0	ug/L		8/26/2017 07:52
2-Hexanone	< 5.00	ug/L		8/26/2017 07:52
4-Methyl-2-pentanone	< 5.00	ug/L		8/26/2017 07:52
Acetone	< 10.0	ug/L		8/26/2017 07:52
Benzene	< 1.00	ug/L		8/26/2017 07:52
Bromochloromethane	< 5.00	ug/L		8/26/2017 07:52
Bromodichloromethane	< 2.00	ug/L		8/26/2017 07:52
Bromoform	< 5.00	ug/L		8/26/2017 07:52
Bromomethane	< 2.00	ug/L		8/26/2017 07:52
Carbon disulfide	< 2.00	ug/L		8/26/2017 07:52
Carbon Tetrachloride	< 2.00	ug/L		8/26/2017 07:52
Chlorobenzene	< 2.00	ug/L		8/26/2017 07:52

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B106-MW-PS21
Lab Sample ID: 173804-11 **Date Sampled:** 8/15/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Chloroethane	< 2.00	ug/L		8/26/2017	07:52
Chloroform	< 2.00	ug/L		8/26/2017	07:52
Chloromethane	< 2.00	ug/L		8/26/2017	07:52
cis-1,2-Dichloroethene	**3.79**	ug/L		8/26/2017	07:52
cis-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	07:52
Cyclohexane	< 10.0	ug/L		8/26/2017	07:52
Dibromochloromethane	< 2.00	ug/L	L	8/26/2017	07:52
Dichlorodifluoromethane	< 2.00	ug/L		8/26/2017	07:52
Ethylbenzene	< 2.00	ug/L		8/26/2017	07:52
Freon 113	< 2.00	ug/L		8/26/2017	07:52
Isopropylbenzene	< 2.00	ug/L		8/26/2017	07:52
m,p-Xylene	< 2.00	ug/L		8/26/2017	07:52
Methyl acetate	< 2.00	ug/L		8/26/2017	07:52
Methyl tert-butyl Ether	< 2.00	ug/L		8/26/2017	07:52
Methylcyclohexane	< 2.00	ug/L		8/26/2017	07:52
Methylene chloride	< 5.00	ug/L		8/26/2017	07:52
o-Xylene	< 2.00	ug/L		8/26/2017	07:52
Styrene	< 5.00	ug/L		8/26/2017	07:52
Tetrachloroethene	< 2.00	ug/L		8/26/2017	07:52
Toluene	< 2.00	ug/L		8/26/2017	07:52
trans-1,2-Dichloroethene	< 2.00	ug/L		8/26/2017	07:52
trans-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	07:52
Trichloroethene	**1.82**	ug/L	J	8/26/2017	07:52
Trichlorofluoromethane	< 2.00	ug/L		8/26/2017	07:52
Vinyl chloride	**2.14**	ug/L		8/26/2017	07:52

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B106-MW-PS21
Lab Sample ID: 173804-11 **Date Sampled:** 8/15/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**103**	85.9 - 118		8/26/2017	07:52
4-Bromofluorobenzene	**92.1**	69.4 - 123		8/26/2017	07:52
Pentafluorobenzene	**94.2**	81.6 - 114		8/26/2017	07:52
Toluene-D8	**96.9**	82.7 - 112		8/26/2017	07:52

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x44578.D

Report Prepared Tuesday, August 29, 2017

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-B108-MW-PS21		
Lab Sample ID:	173804-12	**Date Sampled:**	8/15/2017
Matrix:	Groundwater	**Date Received:**	8/23/2017

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/26/2017 08:15
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/26/2017 08:15
1,1,2-Trichloroethane	< 2.00	ug/L		8/26/2017 08:15
1,1-Dichloroethane	< 2.00	ug/L		8/26/2017 08:15
1,1-Dichloroethene	< 2.00	ug/L		8/26/2017 08:15
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/26/2017 08:15
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/26/2017 08:15
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/26/2017 08:15
1,2-Dibromoethane	< 2.00	ug/L		8/26/2017 08:15
1,2-Dichlorobenzene	< 2.00	ug/L		8/26/2017 08:15
1,2-Dichloroethane	< 2.00	ug/L		8/26/2017 08:15
1,2-Dichloropropane	< 2.00	ug/L		8/26/2017 08:15
1,3-Dichlorobenzene	< 2.00	ug/L		8/26/2017 08:15
1,4-Dichlorobenzene	< 2.00	ug/L		8/26/2017 08:15
1,4-dioxane	< 20.0	ug/L		8/26/2017 08:15
2-Butanone	< 10.0	ug/L		8/26/2017 08:15
2-Hexanone	< 5.00	ug/L		8/26/2017 08:15
4-Methyl-2-pentanone	< 5.00	ug/L		8/26/2017 08:15
Acetone	< 10.0	ug/L		8/26/2017 08:15
Benzene	< 1.00	ug/L		8/26/2017 08:15
Bromochloromethane	< 5.00	ug/L		8/26/2017 08:15
Bromodichloromethane	< 2.00	ug/L		8/26/2017 08:15
Bromoform	< 5.00	ug/L		8/26/2017 08:15
Bromomethane	< 2.00	ug/L		8/26/2017 08:15
Carbon disulfide	< 2.00	ug/L		8/26/2017 08:15
Carbon Tetrachloride	< 2.00	ug/L		8/26/2017 08:15
Chlorobenzene	< 2.00	ug/L		8/26/2017 08:15

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B108-MW-PS21
Lab Sample ID: 173804-12 **Date Sampled:** 8/15/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Chloroethane	< 2.00	ug/L		8/26/2017	08:15
Chloroform	< 2.00	ug/L		8/26/2017	08:15
Chloromethane	< 2.00	ug/L		8/26/2017	08:15
cis-1,2-Dichloroethene	**5.90**	ug/L		8/26/2017	08:15
cis-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	08:15
Cyclohexane	< 10.0	ug/L		8/26/2017	08:15
Dibromochloromethane	< 2.00	ug/L	L	8/26/2017	08:15
Dichlorodifluoromethane	< 2.00	ug/L		8/26/2017	08:15
Ethylbenzene	< 2.00	ug/L		8/26/2017	08:15
Freon 113	< 2.00	ug/L		8/26/2017	08:15
Isopropylbenzene	< 2.00	ug/L		8/26/2017	08:15
m,p-Xylene	< 2.00	ug/L		8/26/2017	08:15
Methyl acetate	< 2.00	ug/L		8/26/2017	08:15
Methyl tert-butyl Ether	< 2.00	ug/L		8/26/2017	08:15
Methylcyclohexane	< 2.00	ug/L		8/26/2017	08:15
Methylene chloride	< 5.00	ug/L		8/26/2017	08:15
o-Xylene	< 2.00	ug/L		8/26/2017	08:15
Styrene	< 5.00	ug/L		8/26/2017	08:15
Tetrachloroethene	< 2.00	ug/L		8/26/2017	08:15
Toluene	< 2.00	ug/L		8/26/2017	08:15
trans-1,2-Dichloroethene	**1.03**	ug/L	J	8/26/2017	08:15
trans-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	08:15
Trichloroethene	**2.23**	ug/L		8/26/2017	08:15
Trichlorofluoromethane	< 2.00	ug/L		8/26/2017	08:15
Vinyl chloride	**5.36**	ug/L		8/26/2017	08:15

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B108-MW-PS21
Lab Sample ID: 173804-12 **Date Sampled:** 8/15/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**101**	85.9 - 118		8/26/2017	08:15
4-Bromofluorobenzene	**94.6**	69.4 - 123		8/26/2017	08:15
Pentafluorobenzene	**94.4**	81.6 - 114		8/26/2017	08:15
Toluene-D8	**96.2**	82.7 - 112		8/26/2017	08:15

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x44579.D

Report Prepared Tuesday, August 29, 2017

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-FD-PS21		
Lab Sample ID:	173804-13	**Date Sampled:**	8/14/2017
Matrix:	Groundwater	**Date Received:**	8/23/2017

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/26/2017 08:39
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/26/2017 08:39
1,1,2-Trichloroethane	< 2.00	ug/L		8/26/2017 08:39
1,1-Dichloroethane	< 2.00	ug/L		8/26/2017 08:39
1,1-Dichloroethene	< 2.00	ug/L		8/26/2017 08:39
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/26/2017 08:39
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/26/2017 08:39
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/26/2017 08:39
1,2-Dibromoethane	< 2.00	ug/L		8/26/2017 08:39
1,2-Dichlorobenzene	< 2.00	ug/L		8/26/2017 08:39
1,2-Dichloroethane	< 2.00	ug/L		8/26/2017 08:39
1,2-Dichloropropane	< 2.00	ug/L		8/26/2017 08:39
1,3-Dichlorobenzene	< 2.00	ug/L		8/26/2017 08:39
1,4-Dichlorobenzene	< 2.00	ug/L		8/26/2017 08:39
1,4-dioxane	< 20.0	ug/L		8/26/2017 08:39
2-Butanone	< 10.0	ug/L		8/26/2017 08:39
2-Hexanone	< 5.00	ug/L		8/26/2017 08:39
4-Methyl-2-pentanone	< 5.00	ug/L		8/26/2017 08:39
Acetone	**5.63**	ug/L	J	8/26/2017 08:39
Benzene	< 1.00	ug/L		8/26/2017 08:39
Bromochloromethane	< 5.00	ug/L		8/26/2017 08:39
Bromodichloromethane	< 2.00	ug/L		8/26/2017 08:39
Bromoform	< 5.00	ug/L		8/26/2017 08:39
Bromomethane	< 2.00	ug/L		8/26/2017 08:39
Carbon disulfide	< 2.00	ug/L		8/26/2017 08:39
Carbon Tetrachloride	< 2.00	ug/L		8/26/2017 08:39
Chlorobenzene	< 2.00	ug/L		8/26/2017 08:39

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-FD-PS21
Lab Sample ID: 173804-13 **Date Sampled:** 8/14/2017
Matrix: Groundwater **Date Received:** 8/23/2017

Chloroethane	< 2.00	ug/L		8/26/2017	08:39
Chloroform	< 2.00	ug/L		8/26/2017	08:39
Chloromethane	< 2.00	ug/L		8/26/2017	08:39
cis-1,2-Dichloroethene	**1.44**	ug/L	J	8/26/2017	08:39
cis-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	08:39
Cyclohexane	< 10.0	ug/L		8/26/2017	08:39
Dibromochloromethane	< 2.00	ug/L	L	8/26/2017	08:39
Dichlorodifluoromethane	< 2.00	ug/L		8/26/2017	08:39
Ethylbenzene	< 2.00	ug/L		8/26/2017	08:39
Freon 113	< 2.00	ug/L		8/26/2017	08:39
Isopropylbenzene	< 2.00	ug/L		8/26/2017	08:39
m,p-Xylene	< 2.00	ug/L		8/26/2017	08:39
Methyl acetate	< 2.00	ug/L		8/26/2017	08:39
Methyl tert-butyl Ether	< 2.00	ug/L		8/26/2017	08:39
Methylcyclohexane	< 2.00	ug/L		8/26/2017	08:39
Methylene chloride	< 5.00	ug/L		8/26/2017	08:39
o-Xylene	< 2.00	ug/L		8/26/2017	08:39
Styrene	< 5.00	ug/L		8/26/2017	08:39
Tetrachloroethene	**1.69**	ug/L	J	8/26/2017	08:39
Toluene	**26.4**	ug/L		8/26/2017	08:39
trans-1,2-Dichloroethene	< 2.00	ug/L		8/26/2017	08:39
trans-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	08:39
Trichloroethene	**2.16**	ug/L		8/26/2017	08:39
Trichlorofluoromethane	< 2.00	ug/L		8/26/2017	08:39
Vinyl chloride	< 2.00	ug/L		8/26/2017	08:39

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-FD-PS21

Lab Sample ID: 173804-13 **Date Sampled:** 8/14/2017

Matrix: Groundwater **Date Received:** 8/23/2017

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**103**	85.9 - 118		8/26/2017	08:39
4-Bromofluorobenzene	**90.8**	69.4 - 123		8/26/2017	08:39
Pentafluorobenzene	**93.1**	81.6 - 114		8/26/2017	08:39
Toluene-D8	**96.5**	82.7 - 112		8/26/2017	08:39

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x44580.D

Report Prepared Tuesday, August 29, 2017

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	Trip Blank		
Lab Sample ID:	173804-14	**Date Sampled:**	8/14/2017
Matrix:	Water	**Date Received:**	8/23/2017

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/26/2017 09:02
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/26/2017 09:02
1,1,2-Trichloroethane	< 2.00	ug/L		8/26/2017 09:02
1,1-Dichloroethane	< 2.00	ug/L		8/26/2017 09:02
1,1-Dichloroethene	< 2.00	ug/L		8/26/2017 09:02
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/26/2017 09:02
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/26/2017 09:02
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/26/2017 09:02
1,2-Dibromoethane	< 2.00	ug/L		8/26/2017 09:02
1,2-Dichlorobenzene	< 2.00	ug/L		8/26/2017 09:02
1,2-Dichloroethane	< 2.00	ug/L		8/26/2017 09:02
1,2-Dichloropropane	< 2.00	ug/L		8/26/2017 09:02
1,3-Dichlorobenzene	< 2.00	ug/L		8/26/2017 09:02
1,4-Dichlorobenzene	< 2.00	ug/L		8/26/2017 09:02
1,4-dioxane	< 20.0	ug/L		8/26/2017 09:02
2-Butanone	< 10.0	ug/L		8/26/2017 09:02
2-Hexanone	< 5.00	ug/L		8/26/2017 09:02
4-Methyl-2-pentanone	< 5.00	ug/L		8/26/2017 09:02
Acetone	< 10.0	ug/L		8/26/2017 09:02
Benzene	< 1.00	ug/L		8/26/2017 09:02
Bromochloromethane	< 5.00	ug/L		8/26/2017 09:02
Bromodichloromethane	< 2.00	ug/L		8/26/2017 09:02
Bromoform	< 5.00	ug/L		8/26/2017 09:02
Bromomethane	< 2.00	ug/L		8/26/2017 09:02
Carbon disulfide	< 2.00	ug/L		8/26/2017 09:02
Carbon Tetrachloride	< 2.00	ug/L		8/26/2017 09:02
Chlorobenzene	< 2.00	ug/L		8/26/2017 09:02

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: Trip Blank
Lab Sample ID: 173804-14 **Date Sampled:** 8/14/2017
Matrix: Water **Date Received:** 8/23/2017

Chloroethane	< 2.00	ug/L		8/26/2017	09:02
Chloroform	< 2.00	ug/L		8/26/2017	09:02
Chloromethane	< 2.00	ug/L		8/26/2017	09:02
cis-1,2-Dichloroethene	< 2.00	ug/L		8/26/2017	09:02
cis-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	09:02
Cyclohexane	< 10.0	ug/L		8/26/2017	09:02
Dibromochloromethane	< 2.00	ug/L	L	8/26/2017	09:02
Dichlorodifluoromethane	< 2.00	ug/L		8/26/2017	09:02
Ethylbenzene	< 2.00	ug/L		8/26/2017	09:02
Freon 113	< 2.00	ug/L		8/26/2017	09:02
Isopropylbenzene	< 2.00	ug/L		8/26/2017	09:02
m,p-Xylene	< 2.00	ug/L		8/26/2017	09:02
Methyl acetate	< 2.00	ug/L		8/26/2017	09:02
Methyl tert-butyl Ether	< 2.00	ug/L		8/26/2017	09:02
Methylcyclohexane	< 2.00	ug/L		8/26/2017	09:02
Methylene chloride	< 5.00	ug/L		8/26/2017	09:02
o-Xylene	< 2.00	ug/L		8/26/2017	09:02
Styrene	< 5.00	ug/L		8/26/2017	09:02
Tetrachloroethene	< 2.00	ug/L		8/26/2017	09:02
Toluene	< 2.00	ug/L		8/26/2017	09:02
trans-1,2-Dichloroethene	< 2.00	ug/L		8/26/2017	09:02
trans-1,3-Dichloropropene	< 2.00	ug/L		8/26/2017	09:02
Trichloroethene	< 2.00	ug/L		8/26/2017	09:02
Trichlorofluoromethane	< 2.00	ug/L		8/26/2017	09:02
Vinyl chloride	< 2.00	ug/L		8/26/2017	09:02

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 173804

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: Trip Blank
Lab Sample ID: 173804-14 **Date Sampled:** 8/14/2017
Matrix: Water **Date Received:** 8/23/2017

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**106**	85.9 - 118		8/26/2017	09:02
4-Bromofluorobenzene	**92.7**	69.4 - 123		8/26/2017	09:02
Pentafluorobenzene	**93.1**	81.6 - 114		8/26/2017	09:02
Toluene-D8	**95.7**	82.7 - 112		8/26/2017	09:02

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x44581.D

Report Prepared Tuesday, August 29, 2017

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec
Project Reference: Carriage Factory
Lab Project ID: 173804
SDG #: 3804-01
Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
1,1,1-Trichloroethane	20.0	ug/L	18.3	91.3	70.3 - 119		8/26/2017
1,1,2,2-Tetrachloroethane	20.0	ug/L	19.9	99.7	83.4 - 123		8/26/2017
1,1,2-Trichloroethane	20.0	ug/L	19.0	94.9	85.2 - 118		8/26/2017
1,1-Dichloroethane	20.0	ug/L	18.1	90.7	76.7 - 114		8/26/2017
1,1-Dichloroethene	20.0	ug/L	19.4	97.0	62.4 - 115		8/26/2017
1,2-Dichlorobenzene	20.0	ug/L	18.6	92.9	87.3 - 118		8/26/2017
1,2-Dichloroethane	20.0	ug/L	19.2	96.0	85.5 - 122		8/26/2017
1,2-Dichloropropane	20.0	ug/L	18.3	91.6	81.2 - 109		8/26/2017
1,3-Dichlorobenzene	20.0	ug/L	18.3	91.3	80.9 - 114		8/26/2017
1,4-Dichlorobenzene	20.0	ug/L	17.8	89.1	80.2 - 109		8/26/2017
Benzene	20.0	ug/L	18.9	94.7	86.6 - 114		8/26/2017
Bromodichloromethane	20.0	ug/L	18.4	91.8	85.7 - 116		8/26/2017
Bromoform	20.0	ug/L	13.9	69.3	69.2 - 110		8/26/2017
Bromomethane	20.0	ug/L	19.0	94.9	50.6 - 170		8/26/2017
Carbon Tetrachloride	20.0	ug/L	17.3	86.6	65.5 - 121		8/26/2017
Chlorobenzene	20.0	ug/L	18.6	92.9	84.7 - 110		8/26/2017

Report Prepared Tuesday, August 29, 2017

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec
Project Reference: Carriage Factory
Lab Project ID: 173804
SDG #: 3804-01
Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Chloroethane	20.0	ug/L	20.8	104	78 - 140		8/26/2017
Chloroform	20.0	ug/L	19.2	96.1	82.1 - 119		8/26/2017
Chloromethane	20.0	ug/L	20.9	104	73.9 - 143		8/26/2017
cis-1,3-Dichloropropene	20.0	ug/L	18.6	93.1	74 - 114		8/26/2017
Dibromochloromethane	20.0	ug/L	15.6	78.1	81.2 - 119	*	8/26/2017
Ethylbenzene	20.0	ug/L	18.8	94.2	81.5 - 118		8/26/2017
Methylene chloride	20.0	ug/L	22.5	112	46.4 - 150		8/26/2017
Tetrachloroethene	20.0	ug/L	19.1	95.5	73.6 - 126		8/26/2017
Toluene	20.0	ug/L	18.7	93.4	87 - 113		8/26/2017
trans-1,2-Dichloroethene	20.0	ug/L	19.2	96.1	70.5 - 118		8/26/2017
trans-1,3-Dichloropropene	20.0	ug/L	16.4	81.8	65.7 - 109		8/26/2017
Trichloroethene	20.0	ug/L	19.1	95.4	76.3 - 113		8/26/2017
Trichlorofluoromethane	20.0	ug/L	19.8	99.2	62.6 - 139		8/26/2017
Vinyl chloride	20.0	ug/L	20.7	103	70.6 - 144		8/26/2017

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, August 29, 2017

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: **Stantec**
Project Reference: Carriage Factory
Lab Project ID: 173804
SDG #: 3804-01
Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x44567.D
QC Number: 1
QC Batch ID: voaw082517A

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Report Prepared *Tuesday, August 29, 2017*

PARADIGM
ENVIRONMENTAL SERVICES, INC.

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.

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.

PARADIGM

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

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
CLIENT: Stantec	CLIENT: Same	LAB PROJECT ID 173804
ADDRESS: 61 Commercial St	ADDRESS:	
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	Quotation #:
PHONE: 413 5266	PHONE: 413 5301	Email:
ATTN: Mike Storonsky	ATTN: Bob Mahoney	mike.storonsky@stantec.com

PROJECT REFERENCE: Carriage Factory

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

per historic 88/23/17 TCL

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOC (8260)	TOC (415.1)	REMARKS	PARADIGM LAB SAMPLE NUMBER
8/15/17	956		X	LI-RW-1-PS21	WG	4	X	X		01
↓	1048		↓	LI-RW-2-PS21	↓	↓	↓	↓		02
↓	1140		↓	LI-RW-3-PS21	↓	↓	↓	↓		03
8/14/17	1544		↓	LI-RW-4-PS21	↓	↓	↓	↓		04
↓	1405		↓	LI-RW-5-PS21	↓	↓	↓	↓		05
↓	1041		↓	LI-RW-6-PS21	↓	↓	↓	↓		06
↓	1133		↓	LI-RW-7-PS21	↓	↓	↓	↓		07
↓	1210		↓	LI-RW-9-PS21	↓	12	↓	↓	Please perform MS/MSD	08
↓	945		↓	LI-RW-12-PS21	↓	4	↓	↓		09
↓	1508		↓	LI-B102-MW-PS21	↓	"	↓	↓		10

Turnaround Time		Report Supplements			
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	☐				
Other (please indicate date needed:)	☐	Other (please indicate package needed:)	☐	Other EDD (please indicate EDD needed: Stantec)	☒

Availability contingent upon lab approval; additional fees may apply.

	Date/Time
Sampled By: Benjamin Hamitt	8/15/17
Relinquished By: Benjamin Hamitt	8/15 1800
Received By: C Stiles	8/15/17 @1803
Received @ Lab By: [signature]	8/15/17 1806
DSL	8/23/17 10:49 15°C on ice

Total Cost: ☐

P.I.F. ☐

OK to proceed RM 8-16-17 gp

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

See additional page for sample conditions.

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

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		
CLIENT:	Stantec	CLIENT:	Same	LAB PROJECT ID: 173804
ADDRESS:	61 Commercial St	ADDRESS:		
CITY:	Rochester STATE: NY ZIP 14614	CITY:	STATE: ZIP:	Quotation #:
PHONE:	413 5266	PHONE:	413 5301	Email: Mike.Staronsky@Stantec.com
ATTN:	Mike Staronsky	ATTN:	Bob Mahoney	

PROJECT REFERENCE: Carriage Factory

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

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOC (8260)	TOC (415.1)	REMARKS	PARADIGM LAB SAMPLE NUMBER
8/15/17	1503		X	LI-B106-MW-PS21	WG	4	X	X		11
"	1226		↓	LI-B108-MW-PS21	↓	↓	↓	↓		12
8/14/17	950		↓	LI-FD-PS21	↓	↓	↓	↓		13
				Trip Blank	WA	1	↓			14

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	☐				
Other please indicate date needed:	☐	Other please indicate package needed:	☐	Other EDD please indicate EDD needed: Stantec	☒

Sampled By: Bajram Hamiti — Date/Time: 8/15/17
Relinquished By: Bajram Hamiti — Date/Time: 8/15 1800
Received By: [signature] — Date/Time: 8/15/17 @1803
Received @ Lab By: [signature] — Date/Time: 8/15/17 1806
8/23/17 10:49 — 15°C on ice

Total Cost:

P.I.F.

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

See additional page for sample conditions.

Chain of Custody Supplement

Client: Stantec **Completed by:** Glenn Pezzulo

Lab Project ID: 173804 **Date:** 8/23/17

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	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X VOA		X
Comments			
Preservation	X		
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature		X	
Comments		ok to proceed per RM.	
Sufficient Sample Quantity	X		
Comments			

ANALYTICAL REPORT

Lab Number:	L1729725
Client:	Paradigm Environmental Services 179 Lake Avenue Rochester, NY 14608
ATTN:	Jane Daloia
Phone:	(585) 647-2530
Project Name:	173804
Project Number:	173804
Report Date:	08/28/17

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

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

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1729725-01	LI-RW-1-PS21 173804-01	WATER	Not Specified	08/15/17 09:56	08/23/17
L1729725-02	LI-RW-2-PS21 173804-02	WATER	Not Specified	08/15/17 10:48	08/23/17
L1729725-03	LI-RW-3-PS21 173804-03	WATER	Not Specified	08/15/17 11:40	08/23/17
L1729725-04	LI-RW-4-PS21 173804-04	WATER	Not Specified	08/14/17 15:44	08/23/17
L1729725-05	LI-RW-5-PS21 173804-05	WATER	Not Specified	08/14/17 14:05	08/23/17
L1729725-06	LI-RW-6-PS21 173804-06	WATER	Not Specified	08/14/17 10:41	08/23/17
L1729725-07	LI-RW-7-PS21 173804-07	WATER	Not Specified	08/14/17 11:33	08/23/17
L1729725-08	LI-RW-9-PS21 173804-08	WATER	Not Specified	08/14/17 12:10	08/23/17
L1729725-09	LI-RW-12-PS21 173804-09	WATER	Not Specified	08/14/17 09:45	08/23/17
L1729725-10	LI-B102-MW-PS21 173804-10	WATER	Not Specified	08/14/17 15:08	08/23/17
L1729725-11	LI-B106-MW-PS21 173804-11	WATER	Not Specified	08/15/17 15:03	08/23/17
L1729725-12	LI-B108-MW-PS21 173804-12	WATER	Not Specified	08/15/17 12:26	08/23/17
L1729725-13	LI-FD-PS21 173804-13	WATER	Not Specified	08/14/17 09:50	08/23/17

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	173804	**Lab Number:**	L1729725
Project Number:	173804	**Report Date:**	08/28/17

Case Narrative (continued)

Report Submission

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

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

Authorized Signature:  Amita Naik

Title: Technical Director/Representative Date: 08/28/17

INORGANICS
&
MISCELLANEOUS

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

SAMPLE RESULTS

Lab ID: L1729725-01
Client ID: LI-RW-1-PS21 173804-01
Sample Location: Not Specified
Matrix: Water

Date Collected: 08/15/17 09:56
Date Received: 08/23/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	10.1		mg/l	5.00	1.14	10	-	08/25/17 09:13	121,5310C	DW

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

SAMPLE RESULTS

Lab ID: L1729725-02
Client ID: LI-RW-2-PS21 173804-02
Sample Location: Not Specified
Matrix: Water

Date Collected: 08/15/17 10:48
Date Received: 08/23/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	5.73		mg/l	1.00	0.228	2	-	08/25/17 09:13	121,5310C	DW

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

SAMPLE RESULTS

Lab ID: L1729725-03
Client ID: LI-RW-3-PS21 173804-03
Sample Location: Not Specified
Matrix: Water

Date Collected: 08/15/17 11:40
Date Received: 08/23/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	5.65		mg/l	1.00	0.228	2	-	08/25/17 09:13	121,5310C	DW

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

SAMPLE RESULTS

Lab ID: L1729725-04
Client ID: LI-RW-4-PS21 173804-04
Sample Location: Not Specified
Matrix: Water

Date Collected: 08/14/17 15:44
Date Received: 08/23/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	17.0		mg/l	2.50	0.570	5	-	08/25/17 09:13	121,5310C	DW

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

SAMPLE RESULTS

Lab ID: L1729725-05
Client ID: LI-RW-5-PS21 173804-05
Sample Location: Not Specified
Matrix: Water

Date Collected: 08/14/17 14:05
Date Received: 08/23/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	2.81		mg/l	1.00	0.228	2	-	08/25/17 09:13	121,5310C	DW

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

SAMPLE RESULTS

Lab ID: L1729725-06
Client ID: LI-RW-6-PS21 173804-06
Sample Location: Not Specified
Matrix: Water

Date Collected: 08/14/17 10:41
Date Received: 08/23/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	2.82		mg/l	1.00	0.228	2	-	08/25/17 09:13	121,5310C	DW

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

SAMPLE RESULTS

Lab ID: L1729725-07
Client ID: LI-RW-7-PS21 173804-07
Sample Location: Not Specified
Matrix: Water

Date Collected: 08/14/17 11:33
Date Received: 08/23/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	1.90		mg/l	1.00	0.228	2	-	08/25/17 09:13	121,5310C	DW

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

SAMPLE RESULTS

Lab ID: L1729725-08
Client ID: LI-RW-9-PS21 173804-08
Sample Location: Not Specified
Matrix: Water

Date Collected: 08/14/17 12:10
Date Received: 08/23/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	2.11		mg/l	1.00	0.228	2	-	08/25/17 09:13	121,5310C	DW

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

SAMPLE RESULTS

Lab ID: L1729725-09
Client ID: LI-RW-12-PS21 173804-09
Sample Location: Not Specified
Matrix: Water

Date Collected: 08/14/17 09:45
Date Received: 08/23/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	6.41		mg/l	2.50	0.570	5	-	08/25/17 09:13	121,5310C	DW

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

SAMPLE RESULTS

Lab ID: L1729725-10
Client ID: LI-B102-MW-PS21 173804-10
Sample Location: Not Specified
Matrix: Water

Date Collected: 08/14/17 15:08
Date Received: 08/23/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	8.14		mg/l	5.00	1.14	10	-	08/25/17 09:13	121,5310C	DW

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

SAMPLE RESULTS

Lab ID: L1729725-11
Client ID: LI-B106-MW-PS21 173804-11
Sample Location: Not Specified
Matrix: Water

Date Collected: 08/15/17 15:03
Date Received: 08/23/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	2.62		mg/l	1.00	0.228	2	-	08/25/17 09:13	121,5310C	DW

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

SAMPLE RESULTS

Lab ID: L1729725-12
Client ID: LI-B108-MW-PS21 173804-12
Sample Location: Not Specified
Matrix: Water

Date Collected: 08/15/17 12:26
Date Received: 08/23/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	3.96		mg/l	1.00	0.228	2	-	08/25/17 09:13	121,5310C	DW

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

SAMPLE RESULTS

Lab ID: L1729725-13
Client ID: LI-FD-PS21 173804-13
Sample Location: Not Specified
Matrix: Water

Date Collected: 08/14/17 09:50
Date Received: 08/23/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	5.90		mg/l	2.50	0.570	5	-	08/25/17 09:13	121,5310C	DW

Project Name: 173804 **Lab Number:** L1729725

Project Number: 173804 **Report Date:** 08/28/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-13 Batch: WG1035551-1										
Total Organic Carbon	ND		mg/l	0.500	0.114	1	-	08/25/17 09:13	121,5310C	DW

Lab Control Sample Analysis

Batch Quality Control

Project Name: 173804

Project Number: 173804

Lab Number: L1729725

Report Date: 08/28/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-13 Batch: WG1035551-2								
Total Organic Carbon	99		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG1035551-4 QC Sample: L1729725-08 Client ID: LI-RW-9-PS21 173804-08												
Total Organic Carbon	2.11	8	11.1	112		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG1035551-3 QC Sample: L1729725-08 Client ID: LI-RW-9-PS21 173804-08						
Total Organic Carbon	2.11	2.38	mg/l	12		20

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1729725-01A	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-01B	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-02A	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-02B	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-03A	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-03B	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-04A	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-04B	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-05A	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-05B	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-06A	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-06B	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-07A	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-07B	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-08A	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-08A1	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-08A2	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-08B	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-08B1	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-08B2	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-09A	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-09B	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-10A	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)

*Values in parentheses indicate holding time in days

Project Name: 173804
Project Number: 173804

Lab Number: L1729725
Report Date: 08/28/17

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1729725-10B	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-11A	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-11B	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-12A	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-12B	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-13A	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)
L1729725-13B	Vial H2SO4 preserved	A	NA		3.2	Y	Absent		TOC-5310(28)

*Values in parentheses indicate holding time in days

Project Name:	173804	**Lab Number:**	L1729725
Project Number:	173804	**Report Date:**	08/28/17

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

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

Terms

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

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers

Project Name:	173804	**Lab Number:**	L1729725
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Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	173804	**Lab Number:**	L1729725
Project Number:	173804	**Report Date:**	08/28/17

REFERENCES

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

Serial_No:08281718:41

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

1 of 2

L1729725

11148

REPORT TO:

COMPANY: Paradigm Environmental
ADDRESS: 179 Lake Avenue
CITY: Rochester STATE: NY ZIP: 14608
PHONE: FAX:
ATTN: Reporting
COMMENTS: Please email results to reporting@paradigmenv.com

INVOICE TO:

COMPANY: Same
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN: Accounts Payable

LAB PROJECT #: CLIENT PROJECT #:

TURNAROUND TIME: (WORKING DAYS) 1 2 3 STD 5 OTHER

Date Due: 8/30/17 for data

PROJECT NAME/SITE NAME:

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	TOC	REMARKS	PARADIGM LAB SAMPLE NUMBER
									Report J Flags. ASP Cat B Package Due 9/8/17 SW-846 HT's.	
1	8/15/17	09:56			LI-RW-1-PS21	Ground water	2	X		
2	↓	10:48			LI-RW-2-PS21	↓	↓	↓	173804-01	
3	↓	11:40			LI-RW-3-PS21				-02	
4	8/14/17	15:44			LI-RW-4-PS21				-03	
5	↓	14:05			LI-RW-5-PS21				-04	
6		10:41			LI-RW-6-PS21				-05	
7		11:33			LI-RW-7-PS21				-06	
8		12:10			LI-RW-9-PS21		↓		-07	
9		09:45			LI-RW-12-PS21		6		← MS/MSD for -08	-08
10	↓	15:08			LI-B102-MW-PS21	↓	2 ↓	↓	-09	
									-10	

LAB USE ONLY BELOW THIS LINE

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

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

Client

	Signature	Date/Time
Sampled By	[signature]	8/23/17 16:00
Relinquished By	[signature] AAL	8/23/17 17:40
Received By	[signature] AAL	8/23/17 17:40
Received By		
Received @ Lab By	[signature]	8/24/17 0105

Total Cost:

P.I.F.

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

2 of 2

L1729725 11148

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:	
COMPANY:	Paradigm Environmental	COMPANY:	Same
ADDRESS:	179 Lake Avenue	ADDRESS:	
CITY:	Rochester STATE: NY ZIP: 14608	CITY:	STATE: ZIP:
PHONE:	FAX:	PHONE:	FAX:
ATTN:	Reporting	ATTN:	Accounts Payable
COMMENTS:	Please email results to reporting@paradigmenv.com		

LAB PROJECT #:

CLIENT PROJECT #:

PROJECT NAME/SITE NAME:

TURNAROUND TIME: (WORKING DAYS) STD OTHER

☐ 1 ☐ 2 ☐ 3 ☐ 5

Date Due:

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	TOC	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8/15/17	15:03			LI-B106-MW-PS21	Ground water	2	X	173804-11	
2	↓	12:26			LI-B108-MW-PS21	↓	↓	↓	-12	
3	8/14/17	09:50			LI-FD-PS21	↓	↓	↓	-13	
4										
5										
6										
7										
8										
9										
10										

LAB USE ONLY BELOW THIS LINE

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

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

Client

Sampled By	Date/Time	
JC	8/23/17	16:00
Relinquished By	Date/Time	
JMAL AAC	8/23/17	17:40
Received By	Date/Time	
JMAL AAC	8/23/17	17:40
Received By	Date/Time	
	8/24/17	0105
Received @ Lab By	Date/Time	

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-1-PS22		
Lab Sample ID:	180400-01	**Date Sampled:**	2/2/2018
Matrix:	Groundwater	**Date Received:**	2/5/2018

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/8/2018 17:24
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/8/2018 17:24
1,1,2-Trichloroethane	< 2.00	ug/L		2/8/2018 17:24
1,1-Dichloroethane	< 2.00	ug/L		2/8/2018 17:24
1,1-Dichloroethene	< 2.00	ug/L		2/8/2018 17:24
1,2,3-Trichlorobenzene	< 5.00	ug/L		2/8/2018 17:24
1,2,4-Trichlorobenzene	< 5.00	ug/L		2/8/2018 17:24
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		2/8/2018 17:24
1,2-Dibromoethane	< 2.00	ug/L		2/8/2018 17:24
1,2-Dichlorobenzene	< 2.00	ug/L		2/8/2018 17:24
1,2-Dichloroethane	< 2.00	ug/L		2/8/2018 17:24
1,2-Dichloropropane	< 2.00	ug/L		2/8/2018 17:24
1,3-Dichlorobenzene	< 2.00	ug/L		2/8/2018 17:24
1,4-Dichlorobenzene	< 2.00	ug/L		2/8/2018 17:24
1,4-dioxane	< 20.0	ug/L		2/8/2018 17:24
2-Butanone	< 10.0	ug/L		2/8/2018 17:24
2-Hexanone	< 5.00	ug/L		2/8/2018 17:24
4-Methyl-2-pentanone	< 5.00	ug/L		2/8/2018 17:24
Acetone	< 10.0	ug/L		2/8/2018 17:24
Benzene	< 1.00	ug/L		2/8/2018 17:24
Bromochloromethane	< 5.00	ug/L		2/8/2018 17:24
Bromodichloromethane	< 2.00	ug/L		2/8/2018 17:24
Bromoform	< 5.00	ug/L		2/8/2018 17:24
Bromomethane	< 2.00	ug/L		2/8/2018 17:24
Carbon disulfide	< 2.00	ug/L		2/8/2018 17:24
Carbon Tetrachloride	< 2.00	ug/L		2/8/2018 17:24
Chlorobenzene	< 2.00	ug/L		2/8/2018 17:24

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-1-PS22
Lab Sample ID: 180400-01 **Date Sampled:** 2/2/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Chloroethane	< 2.00	ug/L	2/8/2018	17:24
Chloroform	< 2.00	ug/L	2/8/2018	17:24
Chloromethane	< 2.00	ug/L	2/8/2018	17:24
cis-1,2-Dichloroethene	< 2.00	ug/L	2/8/2018	17:24
cis-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	17:24
Cyclohexane	< 10.0	ug/L	2/8/2018	17:24
Dibromochloromethane	< 2.00	ug/L	2/8/2018	17:24
Dichlorodifluoromethane	< 2.00	ug/L	2/8/2018	17:24
Ethylbenzene	< 2.00	ug/L	2/8/2018	17:24
Freon 113	< 2.00	ug/L	2/8/2018	17:24
Isopropylbenzene	< 2.00	ug/L	2/8/2018	17:24
m,p-Xylene	< 2.00	ug/L	2/8/2018	17:24
Methyl acetate	< 2.00	ug/L	2/8/2018	17:24
Methyl tert-butyl Ether	< 2.00	ug/L	2/8/2018	17:24
Methylcyclohexane	< 2.00	ug/L	2/8/2018	17:24
Methylene chloride	< 5.00	ug/L	2/8/2018	17:24
o-Xylene	< 2.00	ug/L	2/8/2018	17:24
Styrene	< 5.00	ug/L	2/8/2018	17:24
Tetrachloroethene	< 2.00	ug/L	2/8/2018	17:24
Toluene	< 2.00	ug/L	2/8/2018	17:24
trans-1,2-Dichloroethene	< 2.00	ug/L	2/8/2018	17:24
trans-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	17:24
Trichloroethene	< 2.00	ug/L	2/8/2018	17:24
Trichlorofluoromethane	< 2.00	ug/L	2/8/2018	17:24
Vinyl chloride	< 2.00	ug/L	2/8/2018	17:24

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-1-PS22
Lab Sample ID: 180400-01 **Date Sampled:** 2/2/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**103**	85.9 - 118		2/8/2018	17:24
4-Bromofluorobenzene	**98.8**	69.4 - 123		2/8/2018	17:24
Pentafluorobenzene	**105**	81.6 - 114		2/8/2018	17:24
Toluene-D8	**99.9**	82.7 - 112		2/8/2018	17:24

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x48591.D

Report Prepared Thursday, February 15, 2018

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-2-PS22		
Lab Sample ID:	180400-02	**Date Sampled:**	2/2/2018
Matrix:	Groundwater	**Date Received:**	2/5/2018

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/8/2018 17:47
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/8/2018 17:47
1,1,2-Trichloroethane	< 2.00	ug/L		2/8/2018 17:47
1,1-Dichloroethane	< 2.00	ug/L		2/8/2018 17:47
1,1-Dichloroethene	< 2.00	ug/L		2/8/2018 17:47
1,2,3-Trichlorobenzene	< 5.00	ug/L		2/8/2018 17:47
1,2,4-Trichlorobenzene	< 5.00	ug/L		2/8/2018 17:47
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		2/8/2018 17:47
1,2-Dibromoethane	< 2.00	ug/L		2/8/2018 17:47
1,2-Dichlorobenzene	< 2.00	ug/L		2/8/2018 17:47
1,2-Dichloroethane	< 2.00	ug/L		2/8/2018 17:47
1,2-Dichloropropane	< 2.00	ug/L		2/8/2018 17:47
1,3-Dichlorobenzene	< 2.00	ug/L		2/8/2018 17:47
1,4-Dichlorobenzene	< 2.00	ug/L		2/8/2018 17:47
1,4-dioxane	< 20.0	ug/L		2/8/2018 17:47
2-Butanone	< 10.0	ug/L		2/8/2018 17:47
2-Hexanone	< 5.00	ug/L		2/8/2018 17:47
4-Methyl-2-pentanone	< 5.00	ug/L		2/8/2018 17:47
Acetone	< 10.0	ug/L		2/8/2018 17:47
Benzene	< 1.00	ug/L		2/8/2018 17:47
Bromochloromethane	< 5.00	ug/L		2/8/2018 17:47
Bromodichloromethane	< 2.00	ug/L		2/8/2018 17:47
Bromoform	< 5.00	ug/L		2/8/2018 17:47
Bromomethane	< 2.00	ug/L		2/8/2018 17:47
Carbon disulfide	< 2.00	ug/L		2/8/2018 17:47
Carbon Tetrachloride	< 2.00	ug/L		2/8/2018 17:47
Chlorobenzene	< 2.00	ug/L		2/8/2018 17:47

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-2-PS22
Lab Sample ID: 180400-02 **Date Sampled:** 2/2/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Chloroethane	< 2.00	ug/L	2/8/2018	17:47
Chloroform	< 2.00	ug/L	2/8/2018	17:47
Chloromethane	< 2.00	ug/L	2/8/2018	17:47
cis-1,2-Dichloroethene	< 2.00	ug/L	2/8/2018	17:47
cis-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	17:47
Cyclohexane	< 10.0	ug/L	2/8/2018	17:47
Dibromochloromethane	< 2.00	ug/L	2/8/2018	17:47
Dichlorodifluoromethane	< 2.00	ug/L	2/8/2018	17:47
Ethylbenzene	< 2.00	ug/L	2/8/2018	17:47
Freon 113	< 2.00	ug/L	2/8/2018	17:47
Isopropylbenzene	< 2.00	ug/L	2/8/2018	17:47
m,p-Xylene	< 2.00	ug/L	2/8/2018	17:47
Methyl acetate	< 2.00	ug/L	2/8/2018	17:47
Methyl tert-butyl Ether	< 2.00	ug/L	2/8/2018	17:47
Methylcyclohexane	< 2.00	ug/L	2/8/2018	17:47
Methylene chloride	< 5.00	ug/L	2/8/2018	17:47
o-Xylene	< 2.00	ug/L	2/8/2018	17:47
Styrene	< 5.00	ug/L	2/8/2018	17:47
Tetrachloroethene	< 2.00	ug/L	2/8/2018	17:47
Toluene	< 2.00	ug/L	2/8/2018	17:47
trans-1,2-Dichloroethene	< 2.00	ug/L	2/8/2018	17:47
trans-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	17:47
Trichloroethene	< 2.00	ug/L	2/8/2018	17:47
Trichlorofluoromethane	< 2.00	ug/L	2/8/2018	17:47
Vinyl chloride	< 2.00	ug/L	2/8/2018	17:47

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-2-PS22
Lab Sample ID: 180400-02 **Date Sampled:** 2/2/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**98.9**	85.9 - 118		2/8/2018	17:47
4-Bromofluorobenzene	**100**	69.4 - 123		2/8/2018	17:47
Pentafluorobenzene	**105**	81.6 - 114		2/8/2018	17:47
Toluene-D8	**99.1**	82.7 - 112		2/8/2018	17:47

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x48592.D

Report Prepared Thursday, February 15, 2018

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-3-PS22		
Lab Sample ID:	180400-03	**Date Sampled:**	2/2/2018
Matrix:	Groundwater	**Date Received:**	2/5/2018

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/8/2018 18:10
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/8/2018 18:10
1,1,2-Trichloroethane	< 2.00	ug/L		2/8/2018 18:10
1,1-Dichloroethane	< 2.00	ug/L		2/8/2018 18:10
1,1-Dichloroethene	< 2.00	ug/L		2/8/2018 18:10
1,2,3-Trichlorobenzene	< 5.00	ug/L		2/8/2018 18:10
1,2,4-Trichlorobenzene	< 5.00	ug/L		2/8/2018 18:10
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		2/8/2018 18:10
1,2-Dibromoethane	< 2.00	ug/L		2/8/2018 18:10
1,2-Dichlorobenzene	< 2.00	ug/L		2/8/2018 18:10
1,2-Dichloroethane	< 2.00	ug/L		2/8/2018 18:10
1,2-Dichloropropane	< 2.00	ug/L		2/8/2018 18:10
1,3-Dichlorobenzene	< 2.00	ug/L		2/8/2018 18:10
1,4-Dichlorobenzene	< 2.00	ug/L		2/8/2018 18:10
1,4-dioxane	< 20.0	ug/L		2/8/2018 18:10
2-Butanone	< 10.0	ug/L		2/8/2018 18:10
2-Hexanone	< 5.00	ug/L		2/8/2018 18:10
4-Methyl-2-pentanone	< 5.00	ug/L		2/8/2018 18:10
Acetone	< 10.0	ug/L		2/8/2018 18:10
Benzene	< 1.00	ug/L		2/8/2018 18:10
Bromochloromethane	< 5.00	ug/L		2/8/2018 18:10
Bromodichloromethane	< 2.00	ug/L		2/8/2018 18:10
Bromoform	< 5.00	ug/L		2/8/2018 18:10
Bromomethane	< 2.00	ug/L		2/8/2018 18:10
Carbon disulfide	< 2.00	ug/L		2/8/2018 18:10
Carbon Tetrachloride	< 2.00	ug/L		2/8/2018 18:10
Chlorobenzene	< 2.00	ug/L		2/8/2018 18:10

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-3-PS22
Lab Sample ID: 180400-03 **Date Sampled:** 2/2/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Chloroethane	< 2.00	ug/L	2/8/2018	18:10
Chloroform	< 2.00	ug/L	2/8/2018	18:10
Chloromethane	< 2.00	ug/L	2/8/2018	18:10
cis-1,2-Dichloroethene	< 2.00	ug/L	2/8/2018	18:10
cis-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	18:10
Cyclohexane	< 10.0	ug/L	2/8/2018	18:10
Dibromochloromethane	< 2.00	ug/L	2/8/2018	18:10
Dichlorodifluoromethane	< 2.00	ug/L	2/8/2018	18:10
Ethylbenzene	< 2.00	ug/L	2/8/2018	18:10
Freon 113	< 2.00	ug/L	2/8/2018	18:10
Isopropylbenzene	< 2.00	ug/L	2/8/2018	18:10
m,p-Xylene	< 2.00	ug/L	2/8/2018	18:10
Methyl acetate	< 2.00	ug/L	2/8/2018	18:10
Methyl tert-butyl Ether	< 2.00	ug/L	2/8/2018	18:10
Methylcyclohexane	< 2.00	ug/L	2/8/2018	18:10
Methylene chloride	< 5.00	ug/L	2/8/2018	18:10
o-Xylene	< 2.00	ug/L	2/8/2018	18:10
Styrene	< 5.00	ug/L	2/8/2018	18:10
Tetrachloroethene	< 2.00	ug/L	2/8/2018	18:10
Toluene	< 2.00	ug/L	2/8/2018	18:10
trans-1,2-Dichloroethene	< 2.00	ug/L	2/8/2018	18:10
trans-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	18:10
Trichloroethene	< 2.00	ug/L	2/8/2018	18:10
Trichlorofluoromethane	< 2.00	ug/L	2/8/2018	18:10
Vinyl chloride	< 2.00	ug/L	2/8/2018	18:10

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-3-PS22
Lab Sample ID: 180400-03 **Date Sampled:** 2/2/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**99.9**	85.9 - 118		2/8/2018	18:10
4-Bromofluorobenzene	**100**	69.4 - 123		2/8/2018	18:10
Pentafluorobenzene	**106**	81.6 - 114		2/8/2018	18:10
Toluene-D8	**99.3**	82.7 - 112		2/8/2018	18:10

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x48593.D

Report Prepared Thursday, February 15, 2018

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-4-PS22		
Lab Sample ID:	180400-04	**Date Sampled:**	2/1/2018
Matrix:	Groundwater	**Date Received:**	2/5/2018

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/8/2018 18:34
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/8/2018 18:34
1,1,2-Trichloroethane	< 2.00	ug/L		2/8/2018 18:34
1,1-Dichloroethane	< 2.00	ug/L		2/8/2018 18:34
1,1-Dichloroethene	< 2.00	ug/L		2/8/2018 18:34
1,2,3-Trichlorobenzene	< 5.00	ug/L		2/8/2018 18:34
1,2,4-Trichlorobenzene	< 5.00	ug/L		2/8/2018 18:34
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		2/8/2018 18:34
1,2-Dibromoethane	< 2.00	ug/L		2/8/2018 18:34
1,2-Dichlorobenzene	< 2.00	ug/L		2/8/2018 18:34
1,2-Dichloroethane	< 2.00	ug/L		2/8/2018 18:34
1,2-Dichloropropane	< 2.00	ug/L		2/8/2018 18:34
1,3-Dichlorobenzene	< 2.00	ug/L		2/8/2018 18:34
1,4-Dichlorobenzene	< 2.00	ug/L		2/8/2018 18:34
1,4-dioxane	< 20.0	ug/L		2/8/2018 18:34
2-Butanone	< 10.0	ug/L		2/8/2018 18:34
2-Hexanone	< 5.00	ug/L		2/8/2018 18:34
4-Methyl-2-pentanone	< 5.00	ug/L		2/8/2018 18:34
Acetone	< 10.0	ug/L		2/8/2018 18:34
Benzene	< 1.00	ug/L		2/8/2018 18:34
Bromochloromethane	< 5.00	ug/L		2/8/2018 18:34
Bromodichloromethane	< 2.00	ug/L		2/8/2018 18:34
Bromoform	< 5.00	ug/L		2/8/2018 18:34
Bromomethane	< 2.00	ug/L		2/8/2018 18:34
Carbon disulfide	< 2.00	ug/L		2/8/2018 18:34
Carbon Tetrachloride	< 2.00	ug/L		2/8/2018 18:34
Chlorobenzene	< 2.00	ug/L		2/8/2018 18:34

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-4-PS22
Lab Sample ID: 180400-04 **Date Sampled:** 2/1/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Chloroethane	< 2.00	ug/L		2/8/2018	18:34
Chloroform	< 2.00	ug/L		2/8/2018	18:34
Chloromethane	< 2.00	ug/L		2/8/2018	18:34
cis-1,2-Dichloroethene	**1.17**	ug/L	J	2/8/2018	18:34
cis-1,3-Dichloropropene	< 2.00	ug/L		2/8/2018	18:34
Cyclohexane	< 10.0	ug/L		2/8/2018	18:34
Dibromochloromethane	< 2.00	ug/L		2/8/2018	18:34
Dichlorodifluoromethane	< 2.00	ug/L		2/8/2018	18:34
Ethylbenzene	< 2.00	ug/L		2/8/2018	18:34
Freon 113	< 2.00	ug/L		2/8/2018	18:34
Isopropylbenzene	< 2.00	ug/L		2/8/2018	18:34
m,p-Xylene	< 2.00	ug/L		2/8/2018	18:34
Methyl acetate	< 2.00	ug/L		2/8/2018	18:34
Methyl tert-butyl Ether	< 2.00	ug/L		2/8/2018	18:34
Methylcyclohexane	< 2.00	ug/L		2/8/2018	18:34
Methylene chloride	< 5.00	ug/L		2/8/2018	18:34
o-Xylene	< 2.00	ug/L		2/8/2018	18:34
Styrene	< 5.00	ug/L		2/8/2018	18:34
Tetrachloroethene	< 2.00	ug/L		2/8/2018	18:34
Toluene	< 2.00	ug/L		2/8/2018	18:34
trans-1,2-Dichloroethene	< 2.00	ug/L		2/8/2018	18:34
trans-1,3-Dichloropropene	< 2.00	ug/L		2/8/2018	18:34
Trichloroethene	< 2.00	ug/L		2/8/2018	18:34
Trichlorofluoromethane	< 2.00	ug/L		2/8/2018	18:34
Vinyl chloride	< 2.00	ug/L		2/8/2018	18:34

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-4-PS22
Lab Sample ID: 180400-04 **Date Sampled:** 2/1/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**103**	85.9 - 118		2/8/2018	18:34
4-Bromofluorobenzene	**101**	69.4 - 123		2/8/2018	18:34
Pentafluorobenzene	**103**	81.6 - 114		2/8/2018	18:34
Toluene-D8	**101**	82.7 - 112		2/8/2018	18:34

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x48594.D

Report Prepared Thursday, February 15, 2018

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-5-PS22		
Lab Sample ID:	180400-05	**Date Sampled:**	2/1/2018
Matrix:	Groundwater	**Date Received:**	2/5/2018

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/8/2018 18:57
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/8/2018 18:57
1,1,2-Trichloroethane	< 2.00	ug/L		2/8/2018 18:57
1,1-Dichloroethane	< 2.00	ug/L		2/8/2018 18:57
1,1-Dichloroethene	< 2.00	ug/L		2/8/2018 18:57
1,2,3-Trichlorobenzene	< 5.00	ug/L		2/8/2018 18:57
1,2,4-Trichlorobenzene	< 5.00	ug/L		2/8/2018 18:57
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		2/8/2018 18:57
1,2-Dibromoethane	< 2.00	ug/L		2/8/2018 18:57
1,2-Dichlorobenzene	< 2.00	ug/L		2/8/2018 18:57
1,2-Dichloroethane	< 2.00	ug/L		2/8/2018 18:57
1,2-Dichloropropane	< 2.00	ug/L		2/8/2018 18:57
1,3-Dichlorobenzene	< 2.00	ug/L		2/8/2018 18:57
1,4-Dichlorobenzene	< 2.00	ug/L		2/8/2018 18:57
1,4-dioxane	< 20.0	ug/L		2/8/2018 18:57
2-Butanone	< 10.0	ug/L		2/8/2018 18:57
2-Hexanone	< 5.00	ug/L		2/8/2018 18:57
4-Methyl-2-pentanone	< 5.00	ug/L		2/8/2018 18:57
Acetone	< 10.0	ug/L		2/8/2018 18:57
Benzene	< 1.00	ug/L		2/8/2018 18:57
Bromochloromethane	< 5.00	ug/L		2/8/2018 18:57
Bromodichloromethane	< 2.00	ug/L		2/8/2018 18:57
Bromoform	< 5.00	ug/L		2/8/2018 18:57
Bromomethane	< 2.00	ug/L		2/8/2018 18:57
Carbon disulfide	< 2.00	ug/L		2/8/2018 18:57
Carbon Tetrachloride	< 2.00	ug/L		2/8/2018 18:57
Chlorobenzene	< 2.00	ug/L		2/8/2018 18:57

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-5-PS22
Lab Sample ID: 180400-05 **Date Sampled:** 2/1/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Chloroethane	< 2.00	ug/L	2/8/2018	18:57
Chloroform	< 2.00	ug/L	2/8/2018	18:57
Chloromethane	< 2.00	ug/L	2/8/2018	18:57
cis-1,2-Dichloroethene	**6.29**	ug/L	2/8/2018	18:57
cis-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	18:57
Cyclohexane	< 10.0	ug/L	2/8/2018	18:57
Dibromochloromethane	< 2.00	ug/L	2/8/2018	18:57
Dichlorodifluoromethane	< 2.00	ug/L	2/8/2018	18:57
Ethylbenzene	< 2.00	ug/L	2/8/2018	18:57
Freon 113	< 2.00	ug/L	2/8/2018	18:57
Isopropylbenzene	< 2.00	ug/L	2/8/2018	18:57
m,p-Xylene	< 2.00	ug/L	2/8/2018	18:57
Methyl acetate	< 2.00	ug/L	2/8/2018	18:57
Methyl tert-butyl Ether	< 2.00	ug/L	2/8/2018	18:57
Methylcyclohexane	< 2.00	ug/L	2/8/2018	18:57
Methylene chloride	< 5.00	ug/L	2/8/2018	18:57
o-Xylene	< 2.00	ug/L	2/8/2018	18:57
Styrene	< 5.00	ug/L	2/8/2018	18:57
Tetrachloroethene	< 2.00	ug/L	2/8/2018	18:57
Toluene	< 2.00	ug/L	2/8/2018	18:57
trans-1,2-Dichloroethene	< 2.00	ug/L	2/8/2018	18:57
trans-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	18:57
Trichloroethene	< 2.00	ug/L	2/8/2018	18:57
Trichlorofluoromethane	< 2.00	ug/L	2/8/2018	18:57
Vinyl chloride	**3.39**	ug/L	2/8/2018	18:57

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-5-PS22

Lab Sample ID: 180400-05 **Date Sampled:** 2/1/2018

Matrix: Groundwater **Date Received:** 2/5/2018

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**98.1**	85.9 - 118		2/8/2018	18:57
4-Bromofluorobenzene	**101**	69.4 - 123		2/8/2018	18:57
Pentafluorobenzene	**105**	81.6 - 114		2/8/2018	18:57
Toluene-D8	**100**	82.7 - 112		2/8/2018	18:57

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x48595.D

Report Prepared Thursday, February 15, 2018

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-6-PS22		
Lab Sample ID:	180400-06	**Date Sampled:**	2/1/2018
Matrix:	Groundwater	**Date Received:**	2/5/2018

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/8/2018 19:21
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/8/2018 19:21
1,1,2-Trichloroethane	< 2.00	ug/L		2/8/2018 19:21
1,1-Dichloroethane	< 2.00	ug/L		2/8/2018 19:21
1,1-Dichloroethene	< 2.00	ug/L		2/8/2018 19:21
1,2,3-Trichlorobenzene	< 5.00	ug/L		2/8/2018 19:21
1,2,4-Trichlorobenzene	< 5.00	ug/L		2/8/2018 19:21
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		2/8/2018 19:21
1,2-Dibromoethane	< 2.00	ug/L		2/8/2018 19:21
1,2-Dichlorobenzene	< 2.00	ug/L		2/8/2018 19:21
1,2-Dichloroethane	< 2.00	ug/L		2/8/2018 19:21
1,2-Dichloropropane	< 2.00	ug/L		2/8/2018 19:21
1,3-Dichlorobenzene	< 2.00	ug/L		2/8/2018 19:21
1,4-Dichlorobenzene	< 2.00	ug/L		2/8/2018 19:21
1,4-dioxane	< 20.0	ug/L		2/8/2018 19:21
2-Butanone	< 10.0	ug/L		2/8/2018 19:21
2-Hexanone	< 5.00	ug/L		2/8/2018 19:21
4-Methyl-2-pentanone	< 5.00	ug/L		2/8/2018 19:21
Acetone	< 10.0	ug/L		2/8/2018 19:21
Benzene	< 1.00	ug/L		2/8/2018 19:21
Bromochloromethane	< 5.00	ug/L		2/8/2018 19:21
Bromodichloromethane	< 2.00	ug/L		2/8/2018 19:21
Bromoform	< 5.00	ug/L		2/8/2018 19:21
Bromomethane	< 2.00	ug/L		2/8/2018 19:21
Carbon disulfide	< 2.00	ug/L		2/8/2018 19:21
Carbon Tetrachloride	< 2.00	ug/L		2/8/2018 19:21
Chlorobenzene	< 2.00	ug/L		2/8/2018 19:21

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-6-PS22
Lab Sample ID: 180400-06 **Date Sampled:** 2/1/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Chloroethane	< 2.00	ug/L		2/8/2018	19:21
Chloroform	< 2.00	ug/L		2/8/2018	19:21
Chloromethane	< 2.00	ug/L		2/8/2018	19:21
cis-1,2-Dichloroethene	**11.3**	ug/L		2/8/2018	19:21
cis-1,3-Dichloropropene	< 2.00	ug/L		2/8/2018	19:21
Cyclohexane	< 10.0	ug/L		2/8/2018	19:21
Dibromochloromethane	< 2.00	ug/L		2/8/2018	19:21
Dichlorodifluoromethane	< 2.00	ug/L		2/8/2018	19:21
Ethylbenzene	< 2.00	ug/L		2/8/2018	19:21
Freon 113	< 2.00	ug/L		2/8/2018	19:21
Isopropylbenzene	< 2.00	ug/L		2/8/2018	19:21
m,p-Xylene	< 2.00	ug/L		2/8/2018	19:21
Methyl acetate	< 2.00	ug/L		2/8/2018	19:21
Methyl tert-butyl Ether	**1.32**	ug/L	J	2/8/2018	19:21
Methylcyclohexane	< 2.00	ug/L		2/8/2018	19:21
Methylene chloride	< 5.00	ug/L		2/8/2018	19:21
o-Xylene	< 2.00	ug/L		2/8/2018	19:21
Styrene	< 5.00	ug/L		2/8/2018	19:21
Tetrachloroethene	< 2.00	ug/L		2/8/2018	19:21
Toluene	< 2.00	ug/L		2/8/2018	19:21
trans-1,2-Dichloroethene	< 2.00	ug/L		2/8/2018	19:21
trans-1,3-Dichloropropene	< 2.00	ug/L		2/8/2018	19:21
Trichloroethene	< 2.00	ug/L		2/8/2018	19:21
Trichlorofluoromethane	< 2.00	ug/L		2/8/2018	19:21
Vinyl chloride	**10.6**	ug/L		2/8/2018	19:21

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-6-PS22
Lab Sample ID: 180400-06 **Date Sampled:** 2/1/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**103**	85.9 - 118		2/8/2018	19:21
4-Bromofluorobenzene	**98.4**	69.4 - 123		2/8/2018	19:21
Pentafluorobenzene	**107**	81.6 - 114		2/8/2018	19:21
Toluene-D8	**101**	82.7 - 112		2/8/2018	19:21

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x48596.D

Report Prepared Thursday, February 15, 2018

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-7-PS22		
Lab Sample ID:	180400-07	**Date Sampled:**	2/1/2018
Matrix:	Groundwater	**Date Received:**	2/5/2018

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/8/2018 19:44
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/8/2018 19:44
1,1,2-Trichloroethane	< 2.00	ug/L		2/8/2018 19:44
1,1-Dichloroethane	< 2.00	ug/L		2/8/2018 19:44
1,1-Dichloroethene	< 2.00	ug/L		2/8/2018 19:44
1,2,3-Trichlorobenzene	< 5.00	ug/L		2/8/2018 19:44
1,2,4-Trichlorobenzene	< 5.00	ug/L		2/8/2018 19:44
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		2/8/2018 19:44
1,2-Dibromoethane	< 2.00	ug/L		2/8/2018 19:44
1,2-Dichlorobenzene	< 2.00	ug/L		2/8/2018 19:44
1,2-Dichloroethane	< 2.00	ug/L		2/8/2018 19:44
1,2-Dichloropropane	< 2.00	ug/L		2/8/2018 19:44
1,3-Dichlorobenzene	< 2.00	ug/L		2/8/2018 19:44
1,4-Dichlorobenzene	< 2.00	ug/L		2/8/2018 19:44
1,4-dioxane	< 20.0	ug/L		2/8/2018 19:44
2-Butanone	< 10.0	ug/L		2/8/2018 19:44
2-Hexanone	< 5.00	ug/L		2/8/2018 19:44
4-Methyl-2-pentanone	< 5.00	ug/L		2/8/2018 19:44
Acetone	< 10.0	ug/L		2/8/2018 19:44
Benzene	< 1.00	ug/L		2/8/2018 19:44
Bromochloromethane	< 5.00	ug/L		2/8/2018 19:44
Bromodichloromethane	< 2.00	ug/L		2/8/2018 19:44
Bromoform	< 5.00	ug/L		2/8/2018 19:44
Bromomethane	< 2.00	ug/L		2/8/2018 19:44
Carbon disulfide	< 2.00	ug/L		2/8/2018 19:44
Carbon Tetrachloride	< 2.00	ug/L		2/8/2018 19:44
Chlorobenzene	< 2.00	ug/L		2/8/2018 19:44

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-7-PS22
Lab Sample ID: 180400-07 **Date Sampled:** 2/1/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Chloroethane	< 2.00	ug/L	2/8/2018	19:44
Chloroform	< 2.00	ug/L	2/8/2018	19:44
Chloromethane	< 2.00	ug/L	2/8/2018	19:44
cis-1,2-Dichloroethene	< 2.00	ug/L	2/8/2018	19:44
cis-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	19:44
Cyclohexane	< 10.0	ug/L	2/8/2018	19:44
Dibromochloromethane	< 2.00	ug/L	2/8/2018	19:44
Dichlorodifluoromethane	< 2.00	ug/L	2/8/2018	19:44
Ethylbenzene	< 2.00	ug/L	2/8/2018	19:44
Freon 113	< 2.00	ug/L	2/8/2018	19:44
Isopropylbenzene	< 2.00	ug/L	2/8/2018	19:44
m,p-Xylene	< 2.00	ug/L	2/8/2018	19:44
Methyl acetate	< 2.00	ug/L	2/8/2018	19:44
Methyl tert-butyl Ether	< 2.00	ug/L	2/8/2018	19:44
Methylcyclohexane	< 2.00	ug/L	2/8/2018	19:44
Methylene chloride	< 5.00	ug/L	2/8/2018	19:44
o-Xylene	< 2.00	ug/L	2/8/2018	19:44
Styrene	< 5.00	ug/L	2/8/2018	19:44
Tetrachloroethene	< 2.00	ug/L	2/8/2018	19:44
Toluene	< 2.00	ug/L	2/8/2018	19:44
trans-1,2-Dichloroethene	< 2.00	ug/L	2/8/2018	19:44
trans-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	19:44
Trichloroethene	< 2.00	ug/L	2/8/2018	19:44
Trichlorofluoromethane	< 2.00	ug/L	2/8/2018	19:44
Vinyl chloride	< 2.00	ug/L	2/8/2018	19:44

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-7-PS22
Lab Sample ID: 180400-07 **Date Sampled:** 2/1/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**101**	85.9 - 118		2/8/2018	19:44
4-Bromofluorobenzene	**98.0**	69.4 - 123		2/8/2018	19:44
Pentafluorobenzene	**104**	81.6 - 114		2/8/2018	19:44
Toluene-D8	**100**	82.7 - 112		2/8/2018	19:44

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x48597.D

Report Prepared Thursday, February 15, 2018

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-9-PS22		
Lab Sample ID:	180400-08	**Date Sampled:**	2/1/2018
Matrix:	Groundwater	**Date Received:**	2/5/2018

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/8/2018 20:07
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/8/2018 20:07
1,1,2-Trichloroethane	< 2.00	ug/L		2/8/2018 20:07
1,1-Dichloroethane	< 2.00	ug/L		2/8/2018 20:07
1,1-Dichloroethene	< 2.00	ug/L		2/8/2018 20:07
1,2,3-Trichlorobenzene	< 5.00	ug/L		2/8/2018 20:07
1,2,4-Trichlorobenzene	< 5.00	ug/L		2/8/2018 20:07
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		2/8/2018 20:07
1,2-Dibromoethane	< 2.00	ug/L		2/8/2018 20:07
1,2-Dichlorobenzene	< 2.00	ug/L		2/8/2018 20:07
1,2-Dichloroethane	< 2.00	ug/L		2/8/2018 20:07
1,2-Dichloropropane	< 2.00	ug/L		2/8/2018 20:07
1,3-Dichlorobenzene	< 2.00	ug/L		2/8/2018 20:07
1,4-Dichlorobenzene	< 2.00	ug/L		2/8/2018 20:07
1,4-dioxane	< 20.0	ug/L		2/8/2018 20:07
2-Butanone	< 10.0	ug/L		2/8/2018 20:07
2-Hexanone	< 5.00	ug/L		2/8/2018 20:07
4-Methyl-2-pentanone	< 5.00	ug/L		2/8/2018 20:07
Acetone	< 10.0	ug/L		2/8/2018 20:07
Benzene	< 1.00	ug/L		2/8/2018 20:07
Bromochloromethane	< 5.00	ug/L		2/8/2018 20:07
Bromodichloromethane	< 2.00	ug/L		2/8/2018 20:07
Bromoform	< 5.00	ug/L		2/8/2018 20:07
Bromomethane	< 2.00	ug/L		2/8/2018 20:07
Carbon disulfide	< 2.00	ug/L		2/8/2018 20:07
Carbon Tetrachloride	< 2.00	ug/L		2/8/2018 20:07
Chlorobenzene	< 2.00	ug/L		2/8/2018 20:07

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-9-PS22
Lab Sample ID: 180400-08 **Date Sampled:** 2/1/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Chloroethane	< 2.00	ug/L	2/8/2018	20:07
Chloroform	< 2.00	ug/L	2/8/2018	20:07
Chloromethane	< 2.00	ug/L	2/8/2018	20:07
cis-1,2-Dichloroethene	< 2.00	ug/L	2/8/2018	20:07
cis-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	20:07
Cyclohexane	< 10.0	ug/L	2/8/2018	20:07
Dibromochloromethane	< 2.00	ug/L	2/8/2018	20:07
Dichlorodifluoromethane	< 2.00	ug/L	2/8/2018	20:07
Ethylbenzene	< 2.00	ug/L	2/8/2018	20:07
Freon 113	< 2.00	ug/L	2/8/2018	20:07
Isopropylbenzene	< 2.00	ug/L	2/8/2018	20:07
m,p-Xylene	< 2.00	ug/L	2/8/2018	20:07
Methyl acetate	< 2.00	ug/L	2/8/2018	20:07
Methyl tert-butyl Ether	< 2.00	ug/L	2/8/2018	20:07
Methylcyclohexane	< 2.00	ug/L	2/8/2018	20:07
Methylene chloride	< 5.00	ug/L	2/8/2018	20:07
o-Xylene	< 2.00	ug/L	2/8/2018	20:07
Styrene	< 5.00	ug/L	2/8/2018	20:07
Tetrachloroethene	**2.69**	ug/L	2/8/2018	20:07
Toluene	< 2.00	ug/L	2/8/2018	20:07
trans-1,2-Dichloroethene	< 2.00	ug/L	2/8/2018	20:07
trans-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	20:07
Trichloroethene	< 2.00	ug/L	2/8/2018	20:07
Trichlorofluoromethane	< 2.00	ug/L	2/8/2018	20:07
Vinyl chloride	< 2.00	ug/L	2/8/2018	20:07

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-9-PS22
Lab Sample ID: 180400-08 **Date Sampled:** 2/1/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**103**	85.9 - 118		2/8/2018	20:07
4-Bromofluorobenzene	**100**	69.4 - 123		2/8/2018	20:07
Pentafluorobenzene	**104**	81.6 - 114		2/8/2018	20:07
Toluene-D8	**100**	82.7 - 112		2/8/2018	20:07

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x48598.D

Report Prepared Thursday, February 15, 2018

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-12-PS22		
Lab Sample ID:	180400-09	**Date Sampled:**	2/1/2018
Matrix:	Groundwater	**Date Received:**	2/5/2018

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/8/2018 20:31
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/8/2018 20:31
1,1,2-Trichloroethane	< 2.00	ug/L		2/8/2018 20:31
1,1-Dichloroethane	< 2.00	ug/L		2/8/2018 20:31
1,1-Dichloroethene	< 2.00	ug/L		2/8/2018 20:31
1,2,3-Trichlorobenzene	< 5.00	ug/L		2/8/2018 20:31
1,2,4-Trichlorobenzene	< 5.00	ug/L		2/8/2018 20:31
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		2/8/2018 20:31
1,2-Dibromoethane	< 2.00	ug/L		2/8/2018 20:31
1,2-Dichlorobenzene	< 2.00	ug/L		2/8/2018 20:31
1,2-Dichloroethane	< 2.00	ug/L		2/8/2018 20:31
1,2-Dichloropropane	< 2.00	ug/L		2/8/2018 20:31
1,3-Dichlorobenzene	< 2.00	ug/L		2/8/2018 20:31
1,4-Dichlorobenzene	< 2.00	ug/L		2/8/2018 20:31
1,4-dioxane	< 20.0	ug/L		2/8/2018 20:31
2-Butanone	< 10.0	ug/L		2/8/2018 20:31
2-Hexanone	< 5.00	ug/L		2/8/2018 20:31
4-Methyl-2-pentanone	< 5.00	ug/L		2/8/2018 20:31
Acetone	< 10.0	ug/L		2/8/2018 20:31
Benzene	< 1.00	ug/L		2/8/2018 20:31
Bromochloromethane	< 5.00	ug/L		2/8/2018 20:31
Bromodichloromethane	< 2.00	ug/L		2/8/2018 20:31
Bromoform	< 5.00	ug/L		2/8/2018 20:31
Bromomethane	< 2.00	ug/L		2/8/2018 20:31
Carbon disulfide	< 2.00	ug/L		2/8/2018 20:31
Carbon Tetrachloride	< 2.00	ug/L		2/8/2018 20:31
Chlorobenzene	< 2.00	ug/L		2/8/2018 20:31

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-12-PS22
Lab Sample ID: 180400-09 **Date Sampled:** 2/1/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Chloroethane	< 2.00	ug/L		2/8/2018	20:31
Chloroform	< 2.00	ug/L		2/8/2018	20:31
Chloromethane	< 2.00	ug/L		2/8/2018	20:31
cis-1,2-Dichloroethene	**1.72**	ug/L	J	2/8/2018	20:31
cis-1,3-Dichloropropene	< 2.00	ug/L		2/8/2018	20:31
Cyclohexane	< 10.0	ug/L		2/8/2018	20:31
Dibromochloromethane	< 2.00	ug/L		2/8/2018	20:31
Dichlorodifluoromethane	< 2.00	ug/L		2/8/2018	20:31
Ethylbenzene	< 2.00	ug/L		2/8/2018	20:31
Freon 113	< 2.00	ug/L		2/8/2018	20:31
Isopropylbenzene	< 2.00	ug/L		2/8/2018	20:31
m,p-Xylene	< 2.00	ug/L		2/8/2018	20:31
Methyl acetate	< 2.00	ug/L		2/8/2018	20:31
Methyl tert-butyl Ether	< 2.00	ug/L		2/8/2018	20:31
Methylcyclohexane	< 2.00	ug/L		2/8/2018	20:31
Methylene chloride	< 5.00	ug/L		2/8/2018	20:31
o-Xylene	< 2.00	ug/L		2/8/2018	20:31
Styrene	< 5.00	ug/L		2/8/2018	20:31
Tetrachloroethene	**1.21**	ug/L	J	2/8/2018	20:31
Toluene	< 2.00	ug/L		2/8/2018	20:31
trans-1,2-Dichloroethene	< 2.00	ug/L		2/8/2018	20:31
trans-1,3-Dichloropropene	< 2.00	ug/L		2/8/2018	20:31
Trichloroethene	**1.82**	ug/L	J	2/8/2018	20:31
Trichlorofluoromethane	< 2.00	ug/L		2/8/2018	20:31
Vinyl chloride	< 2.00	ug/L		2/8/2018	20:31

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-12-PS22
Lab Sample ID: 180400-09 **Date Sampled:** 2/1/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**104**	85.9 - 118		2/8/2018	20:31
4-Bromofluorobenzene	**98.8**	69.4 - 123		2/8/2018	20:31
Pentafluorobenzene	**103**	81.6 - 114		2/8/2018	20:31
Toluene-D8	**97.5**	82.7 - 112		2/8/2018	20:31

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x48599.D

Report Prepared Thursday, February 15, 2018

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-B102-MW-PS22		
Lab Sample ID:	180400-10	**Date Sampled:**	2/1/2018
Matrix:	Groundwater	**Date Received:**	2/5/2018

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/8/2018 20:54
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/8/2018 20:54
1,1,2-Trichloroethane	< 2.00	ug/L		2/8/2018 20:54
1,1-Dichloroethane	< 2.00	ug/L		2/8/2018 20:54
1,1-Dichloroethene	< 2.00	ug/L		2/8/2018 20:54
1,2,3-Trichlorobenzene	< 5.00	ug/L		2/8/2018 20:54
1,2,4-Trichlorobenzene	< 5.00	ug/L		2/8/2018 20:54
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		2/8/2018 20:54
1,2-Dibromoethane	< 2.00	ug/L		2/8/2018 20:54
1,2-Dichlorobenzene	< 2.00	ug/L		2/8/2018 20:54
1,2-Dichloroethane	< 2.00	ug/L		2/8/2018 20:54
1,2-Dichloropropane	< 2.00	ug/L		2/8/2018 20:54
1,3-Dichlorobenzene	< 2.00	ug/L		2/8/2018 20:54
1,4-Dichlorobenzene	< 2.00	ug/L		2/8/2018 20:54
1,4-dioxane	< 20.0	ug/L		2/8/2018 20:54
2-Butanone	< 10.0	ug/L		2/8/2018 20:54
2-Hexanone	< 5.00	ug/L		2/8/2018 20:54
4-Methyl-2-pentanone	< 5.00	ug/L		2/8/2018 20:54
Acetone	< 10.0	ug/L		2/8/2018 20:54
Benzene	< 1.00	ug/L		2/8/2018 20:54
Bromochloromethane	< 5.00	ug/L		2/8/2018 20:54
Bromodichloromethane	< 2.00	ug/L		2/8/2018 20:54
Bromoform	< 5.00	ug/L		2/8/2018 20:54
Bromomethane	< 2.00	ug/L		2/8/2018 20:54
Carbon disulfide	< 2.00	ug/L		2/8/2018 20:54
Carbon Tetrachloride	< 2.00	ug/L		2/8/2018 20:54
Chlorobenzene	< 2.00	ug/L		2/8/2018 20:54

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B102-MW-PS22
Lab Sample ID: 180400-10 **Date Sampled:** 2/1/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Chloroethane	< 2.00	ug/L	2/8/2018	20:54
Chloroform	< 2.00	ug/L	2/8/2018	20:54
Chloromethane	< 2.00	ug/L	2/8/2018	20:54
cis-1,2-Dichloroethene	< 2.00	ug/L	2/8/2018	20:54
cis-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	20:54
Cyclohexane	< 10.0	ug/L	2/8/2018	20:54
Dibromochloromethane	< 2.00	ug/L	2/8/2018	20:54
Dichlorodifluoromethane	< 2.00	ug/L	2/8/2018	20:54
Ethylbenzene	< 2.00	ug/L	2/8/2018	20:54
Freon 113	< 2.00	ug/L	2/8/2018	20:54
Isopropylbenzene	< 2.00	ug/L	2/8/2018	20:54
m,p-Xylene	< 2.00	ug/L	2/8/2018	20:54
Methyl acetate	< 2.00	ug/L	2/8/2018	20:54
Methyl tert-butyl Ether	< 2.00	ug/L	2/8/2018	20:54
Methylcyclohexane	< 2.00	ug/L	2/8/2018	20:54
Methylene chloride	< 5.00	ug/L	2/8/2018	20:54
o-Xylene	< 2.00	ug/L	2/8/2018	20:54
Styrene	< 5.00	ug/L	2/8/2018	20:54
Tetrachloroethene	< 2.00	ug/L	2/8/2018	20:54
Toluene	< 2.00	ug/L	2/8/2018	20:54
trans-1,2-Dichloroethene	< 2.00	ug/L	2/8/2018	20:54
trans-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	20:54
Trichloroethene	< 2.00	ug/L	2/8/2018	20:54
Trichlorofluoromethane	< 2.00	ug/L	2/8/2018	20:54
Vinyl chloride	< 2.00	ug/L	2/8/2018	20:54

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B102-MW-PS22

Lab Sample ID: 180400-10 **Date Sampled:** 2/1/2018

Matrix: Groundwater **Date Received:** 2/5/2018

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**105**	85.9 - 118		2/8/2018	20:54
4-Bromofluorobenzene	**99.7**	69.4 - 123		2/8/2018	20:54
Pentafluorobenzene	**103**	81.6 - 114		2/8/2018	20:54
Toluene-D8	**99.7**	82.7 - 112		2/8/2018	20:54

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x48600.D

Report Prepared Thursday, February 15, 2018

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-B106-MW-PS22		
Lab Sample ID:	180400-11	**Date Sampled:**	2/2/2018
Matrix:	Groundwater	**Date Received:**	2/5/2018

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/9/2018 14:37
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/9/2018 14:37
1,1,2-Trichloroethane	< 2.00	ug/L		2/9/2018 14:37
1,1-Dichloroethane	< 2.00	ug/L		2/9/2018 14:37
1,1-Dichloroethene	< 2.00	ug/L		2/9/2018 14:37
1,2,3-Trichlorobenzene	< 5.00	ug/L		2/9/2018 14:37
1,2,4-Trichlorobenzene	< 5.00	ug/L		2/9/2018 14:37
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		2/9/2018 14:37
1,2-Dibromoethane	< 2.00	ug/L		2/9/2018 14:37
1,2-Dichlorobenzene	< 2.00	ug/L		2/9/2018 14:37
1,2-Dichloroethane	< 2.00	ug/L		2/9/2018 14:37
1,2-Dichloropropane	< 2.00	ug/L		2/9/2018 14:37
1,3-Dichlorobenzene	< 2.00	ug/L		2/9/2018 14:37
1,4-Dichlorobenzene	< 2.00	ug/L		2/9/2018 14:37
1,4-dioxane	< 20.0	ug/L		2/9/2018 14:37
2-Butanone	< 10.0	ug/L		2/9/2018 14:37
2-Hexanone	< 5.00	ug/L		2/9/2018 14:37
4-Methyl-2-pentanone	< 5.00	ug/L		2/9/2018 14:37
Acetone	< 10.0	ug/L		2/9/2018 14:37
Benzene	< 1.00	ug/L		2/9/2018 14:37
Bromochloromethane	< 5.00	ug/L		2/9/2018 14:37
Bromodichloromethane	< 2.00	ug/L		2/9/2018 14:37
Bromoform	< 5.00	ug/L		2/9/2018 14:37
Bromomethane	< 2.00	ug/L		2/9/2018 14:37
Carbon disulfide	< 2.00	ug/L		2/9/2018 14:37
Carbon Tetrachloride	< 2.00	ug/L		2/9/2018 14:37
Chlorobenzene	< 2.00	ug/L		2/9/2018 14:37

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B106-MW-PS22
Lab Sample ID: 180400-11 **Date Sampled:** 2/2/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Chloroethane	< 2.00	ug/L	2/9/2018	14:37
Chloroform	< 2.00	ug/L	2/9/2018	14:37
Chloromethane	< 2.00	ug/L	2/9/2018	14:37
cis-1,2-Dichloroethene	< 2.00	ug/L	2/9/2018	14:37
cis-1,3-Dichloropropene	< 2.00	ug/L	2/9/2018	14:37
Cyclohexane	< 10.0	ug/L	2/9/2018	14:37
Dibromochloromethane	< 2.00	ug/L	2/9/2018	14:37
Dichlorodifluoromethane	< 2.00	ug/L	2/9/2018	14:37
Ethylbenzene	< 2.00	ug/L	2/9/2018	14:37
Freon 113	< 2.00	ug/L	2/9/2018	14:37
Isopropylbenzene	< 2.00	ug/L	2/9/2018	14:37
m,p-Xylene	< 2.00	ug/L	2/9/2018	14:37
Methyl acetate	< 2.00	ug/L	2/9/2018	14:37
Methyl tert-butyl Ether	< 2.00	ug/L	2/9/2018	14:37
Methylcyclohexane	< 2.00	ug/L	2/9/2018	14:37
Methylene chloride	< 5.00	ug/L	2/9/2018	14:37
o-Xylene	< 2.00	ug/L	2/9/2018	14:37
Styrene	< 5.00	ug/L	2/9/2018	14:37
Tetrachloroethene	< 2.00	ug/L	2/9/2018	14:37
Toluene	< 2.00	ug/L	2/9/2018	14:37
trans-1,2-Dichloroethene	< 2.00	ug/L	2/9/2018	14:37
trans-1,3-Dichloropropene	< 2.00	ug/L	2/9/2018	14:37
Trichloroethene	< 2.00	ug/L	2/9/2018	14:37
Trichlorofluoromethane	< 2.00	ug/L	2/9/2018	14:37
Vinyl chloride	< 2.00	ug/L	2/9/2018	14:37

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B106-MW-PS22

Lab Sample ID: 180400-11 **Date Sampled:** 2/2/2018

Matrix: Groundwater **Date Received:** 2/5/2018

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**102**	85.9 - 118		2/9/2018	14:37
4-Bromofluorobenzene	**98.5**	69.4 - 123		2/9/2018	14:37
Pentafluorobenzene	**101**	81.6 - 114		2/9/2018	14:37
Toluene-D8	**98.9**	82.7 - 112		2/9/2018	14:37

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x48616.D

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-B108-MW-PS22		
Lab Sample ID:	180400-12	**Date Sampled:**	2/2/2018
Matrix:	Groundwater	**Date Received:**	2/5/2018

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/8/2018 21:17
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/8/2018 21:17
1,1,2-Trichloroethane	< 2.00	ug/L		2/8/2018 21:17
1,1-Dichloroethane	< 2.00	ug/L		2/8/2018 21:17
1,1-Dichloroethene	< 2.00	ug/L		2/8/2018 21:17
1,2,3-Trichlorobenzene	< 5.00	ug/L		2/8/2018 21:17
1,2,4-Trichlorobenzene	< 5.00	ug/L		2/8/2018 21:17
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		2/8/2018 21:17
1,2-Dibromoethane	< 2.00	ug/L		2/8/2018 21:17
1,2-Dichlorobenzene	< 2.00	ug/L		2/8/2018 21:17
1,2-Dichloroethane	< 2.00	ug/L		2/8/2018 21:17
1,2-Dichloropropane	< 2.00	ug/L		2/8/2018 21:17
1,3-Dichlorobenzene	< 2.00	ug/L		2/8/2018 21:17
1,4-Dichlorobenzene	< 2.00	ug/L		2/8/2018 21:17
1,4-dioxane	< 20.0	ug/L		2/8/2018 21:17
2-Butanone	< 10.0	ug/L		2/8/2018 21:17
2-Hexanone	< 5.00	ug/L		2/8/2018 21:17
4-Methyl-2-pentanone	< 5.00	ug/L		2/8/2018 21:17
Acetone	< 10.0	ug/L		2/8/2018 21:17
Benzene	< 1.00	ug/L		2/8/2018 21:17
Bromochloromethane	< 5.00	ug/L		2/8/2018 21:17
Bromodichloromethane	< 2.00	ug/L		2/8/2018 21:17
Bromoform	< 5.00	ug/L		2/8/2018 21:17
Bromomethane	< 2.00	ug/L		2/8/2018 21:17
Carbon disulfide	< 2.00	ug/L		2/8/2018 21:17
Carbon Tetrachloride	< 2.00	ug/L		2/8/2018 21:17
Chlorobenzene	< 2.00	ug/L		2/8/2018 21:17

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B108-MW-PS22
Lab Sample ID: 180400-12 **Date Sampled:** 2/2/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Chloroethane	< 2.00	ug/L	2/8/2018	21:17
Chloroform	< 2.00	ug/L	2/8/2018	21:17
Chloromethane	< 2.00	ug/L	2/8/2018	21:17
cis-1,2-Dichloroethene	**2.37**	ug/L	2/8/2018	21:17
cis-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	21:17
Cyclohexane	< 10.0	ug/L	2/8/2018	21:17
Dibromochloromethane	< 2.00	ug/L	2/8/2018	21:17
Dichlorodifluoromethane	< 2.00	ug/L	2/8/2018	21:17
Ethylbenzene	< 2.00	ug/L	2/8/2018	21:17
Freon 113	< 2.00	ug/L	2/8/2018	21:17
Isopropylbenzene	< 2.00	ug/L	2/8/2018	21:17
m,p-Xylene	< 2.00	ug/L	2/8/2018	21:17
Methyl acetate	< 2.00	ug/L	2/8/2018	21:17
Methyl tert-butyl Ether	< 2.00	ug/L	2/8/2018	21:17
Methylcyclohexane	< 2.00	ug/L	2/8/2018	21:17
Methylene chloride	< 5.00	ug/L	2/8/2018	21:17
o-Xylene	< 2.00	ug/L	2/8/2018	21:17
Styrene	< 5.00	ug/L	2/8/2018	21:17
Tetrachloroethene	**8.76**	ug/L	2/8/2018	21:17
Toluene	< 2.00	ug/L	2/8/2018	21:17
trans-1,2-Dichloroethene	< 2.00	ug/L	2/8/2018	21:17
trans-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	21:17
Trichloroethene	**3.42**	ug/L	2/8/2018	21:17
Trichlorofluoromethane	< 2.00	ug/L	2/8/2018	21:17
Vinyl chloride	< 2.00	ug/L	2/8/2018	21:17

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B108-MW-PS22

Lab Sample ID: 180400-12 **Date Sampled:** 2/2/2018

Matrix: Groundwater **Date Received:** 2/5/2018

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**103**	85.9 - 118		2/8/2018	21:17
4-Bromofluorobenzene	**101**	69.4 - 123		2/8/2018	21:17
Pentafluorobenzene	**101**	81.6 - 114		2/8/2018	21:17
Toluene-D8	**101**	82.7 - 112		2/8/2018	21:17

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x48601.D

Report Prepared Thursday, February 15, 2018

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-FD-PS22		
Lab Sample ID:	180400-13	**Date Sampled:**	2/2/2018
Matrix:	Groundwater	**Date Received:**	2/5/2018

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/9/2018 15:01
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/9/2018 15:01
1,1,2-Trichloroethane	< 2.00	ug/L		2/9/2018 15:01
1,1-Dichloroethane	< 2.00	ug/L		2/9/2018 15:01
1,1-Dichloroethene	< 2.00	ug/L		2/9/2018 15:01
1,2,3-Trichlorobenzene	< 5.00	ug/L		2/9/2018 15:01
1,2,4-Trichlorobenzene	< 5.00	ug/L		2/9/2018 15:01
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		2/9/2018 15:01
1,2-Dibromoethane	< 2.00	ug/L		2/9/2018 15:01
1,2-Dichlorobenzene	< 2.00	ug/L		2/9/2018 15:01
1,2-Dichloroethane	< 2.00	ug/L		2/9/2018 15:01
1,2-Dichloropropane	< 2.00	ug/L		2/9/2018 15:01
1,3-Dichlorobenzene	< 2.00	ug/L		2/9/2018 15:01
1,4-Dichlorobenzene	< 2.00	ug/L		2/9/2018 15:01
1,4-dioxane	< 20.0	ug/L		2/9/2018 15:01
2-Butanone	< 10.0	ug/L		2/9/2018 15:01
2-Hexanone	< 5.00	ug/L		2/9/2018 15:01
4-Methyl-2-pentanone	< 5.00	ug/L		2/9/2018 15:01
Acetone	< 10.0	ug/L		2/9/2018 15:01
Benzene	< 1.00	ug/L		2/9/2018 15:01
Bromochloromethane	< 5.00	ug/L		2/9/2018 15:01
Bromodichloromethane	< 2.00	ug/L		2/9/2018 15:01
Bromoform	< 5.00	ug/L		2/9/2018 15:01
Bromomethane	< 2.00	ug/L		2/9/2018 15:01
Carbon disulfide	< 2.00	ug/L		2/9/2018 15:01
Carbon Tetrachloride	< 2.00	ug/L		2/9/2018 15:01
Chlorobenzene	< 2.00	ug/L		2/9/2018 15:01

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-FD-PS22
Lab Sample ID: 180400-13 **Date Sampled:** 2/2/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Chloroethane	< 2.00	ug/L		2/9/2018	15:01
Chloroform	< 2.00	ug/L		2/9/2018	15:01
Chloromethane	< 2.00	ug/L		2/9/2018	15:01
cis-1,2-Dichloroethene	< 2.00	ug/L		2/9/2018	15:01
cis-1,3-Dichloropropene	< 2.00	ug/L		2/9/2018	15:01
Cyclohexane	< 10.0	ug/L		2/9/2018	15:01
Dibromochloromethane	< 2.00	ug/L		2/9/2018	15:01
Dichlorodifluoromethane	< 2.00	ug/L		2/9/2018	15:01
Ethylbenzene	< 2.00	ug/L		2/9/2018	15:01
Freon 113	< 2.00	ug/L		2/9/2018	15:01
Isopropylbenzene	< 2.00	ug/L		2/9/2018	15:01
m,p-Xylene	< 2.00	ug/L		2/9/2018	15:01
Methyl acetate	< 2.00	ug/L		2/9/2018	15:01
Methyl tert-butyl Ether	< 2.00	ug/L		2/9/2018	15:01
Methylcyclohexane	< 2.00	ug/L		2/9/2018	15:01
Methylene chloride	< 5.00	ug/L		2/9/2018	15:01
o-Xylene	< 2.00	ug/L		2/9/2018	15:01
Styrene	< 5.00	ug/L		2/9/2018	15:01
Tetrachloroethene	< 2.00	ug/L		2/9/2018	15:01
Toluene	< 2.00	ug/L		2/9/2018	15:01
trans-1,2-Dichloroethene	< 2.00	ug/L		2/9/2018	15:01
trans-1,3-Dichloropropene	< 2.00	ug/L		2/9/2018	15:01
Trichloroethene	**1.13**	ug/L	J	2/9/2018	15:01
Trichlorofluoromethane	< 2.00	ug/L		2/9/2018	15:01
Vinyl chloride	< 2.00	ug/L		2/9/2018	15:01

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-FD-PS22
Lab Sample ID: 180400-13 **Date Sampled:** 2/2/2018
Matrix: Groundwater **Date Received:** 2/5/2018

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**101**	85.9 - 118		2/9/2018	15:01
4-Bromofluorobenzene	**98.4**	69.4 - 123		2/9/2018	15:01
Pentafluorobenzene	**102**	81.6 - 114		2/9/2018	15:01
Toluene-D8	**97.9**	82.7 - 112		2/9/2018	15:01

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x48617.D

Report Prepared Thursday, February 15, 2018

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	Trip Blank		
Lab Sample ID:	180400-14	**Date Sampled:**	2/1/2018
Matrix:	Water	**Date Received:**	2/5/2018

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/8/2018 17:00
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/8/2018 17:00
1,1,2-Trichloroethane	< 2.00	ug/L		2/8/2018 17:00
1,1-Dichloroethane	< 2.00	ug/L		2/8/2018 17:00
1,1-Dichloroethene	< 2.00	ug/L		2/8/2018 17:00
1,2,3-Trichlorobenzene	< 5.00	ug/L		2/8/2018 17:00
1,2,4-Trichlorobenzene	< 5.00	ug/L		2/8/2018 17:00
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		2/8/2018 17:00
1,2-Dibromoethane	< 2.00	ug/L		2/8/2018 17:00
1,2-Dichlorobenzene	< 2.00	ug/L		2/8/2018 17:00
1,2-Dichloroethane	< 2.00	ug/L		2/8/2018 17:00
1,2-Dichloropropane	< 2.00	ug/L		2/8/2018 17:00
1,3-Dichlorobenzene	< 2.00	ug/L		2/8/2018 17:00
1,4-Dichlorobenzene	< 2.00	ug/L		2/8/2018 17:00
1,4-dioxane	< 20.0	ug/L		2/8/2018 17:00
2-Butanone	< 10.0	ug/L		2/8/2018 17:00
2-Hexanone	< 5.00	ug/L		2/8/2018 17:00
4-Methyl-2-pentanone	< 5.00	ug/L		2/8/2018 17:00
Acetone	< 10.0	ug/L		2/8/2018 17:00
Benzene	< 1.00	ug/L		2/8/2018 17:00
Bromochloromethane	< 5.00	ug/L		2/8/2018 17:00
Bromodichloromethane	< 2.00	ug/L		2/8/2018 17:00
Bromoform	< 5.00	ug/L		2/8/2018 17:00
Bromomethane	< 2.00	ug/L		2/8/2018 17:00
Carbon disulfide	< 2.00	ug/L		2/8/2018 17:00
Carbon Tetrachloride	< 2.00	ug/L		2/8/2018 17:00
Chlorobenzene	< 2.00	ug/L		2/8/2018 17:00

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: Trip Blank
Lab Sample ID: 180400-14 **Date Sampled:** 2/1/2018
Matrix: Water **Date Received:** 2/5/2018

Chloroethane	< 2.00	ug/L	2/8/2018	17:00
Chloroform	< 2.00	ug/L	2/8/2018	17:00
Chloromethane	< 2.00	ug/L	2/8/2018	17:00
cis-1,2-Dichloroethene	< 2.00	ug/L	2/8/2018	17:00
cis-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	17:00
Cyclohexane	< 10.0	ug/L	2/8/2018	17:00
Dibromochloromethane	< 2.00	ug/L	2/8/2018	17:00
Dichlorodifluoromethane	< 2.00	ug/L	2/8/2018	17:00
Ethylbenzene	< 2.00	ug/L	2/8/2018	17:00
Freon 113	< 2.00	ug/L	2/8/2018	17:00
Isopropylbenzene	< 2.00	ug/L	2/8/2018	17:00
m,p-Xylene	< 2.00	ug/L	2/8/2018	17:00
Methyl acetate	< 2.00	ug/L	2/8/2018	17:00
Methyl tert-butyl Ether	< 2.00	ug/L	2/8/2018	17:00
Methylcyclohexane	< 2.00	ug/L	2/8/2018	17:00
Methylene chloride	< 5.00	ug/L	2/8/2018	17:00
o-Xylene	< 2.00	ug/L	2/8/2018	17:00
Styrene	< 5.00	ug/L	2/8/2018	17:00
Tetrachloroethene	< 2.00	ug/L	2/8/2018	17:00
Toluene	< 2.00	ug/L	2/8/2018	17:00
trans-1,2-Dichloroethene	< 2.00	ug/L	2/8/2018	17:00
trans-1,3-Dichloropropene	< 2.00	ug/L	2/8/2018	17:00
Trichloroethene	< 2.00	ug/L	2/8/2018	17:00
Trichlorofluoromethane	< 2.00	ug/L	2/8/2018	17:00
Vinyl chloride	< 2.00	ug/L	2/8/2018	17:00

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 180400

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: Trip Blank
Lab Sample ID: 180400-14 **Date Sampled:** 2/1/2018
Matrix: Water **Date Received:** 2/5/2018

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**99.1**	85.9 - 118		2/8/2018	17:00
4-Bromofluorobenzene	**99.3**	69.4 - 123		2/8/2018	17:00
Pentafluorobenzene	**105**	81.6 - 114		2/8/2018	17:00
Toluene-D8	**102**	82.7 - 112		2/8/2018	17:00

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x48590.D

PARADIGM
ENVIRONMENTAL SERVICES, INC.

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.

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.

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

1 of 2 1 of 3

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC

REPORT TO:		INVOICE TO:		
CLIENT:	Stantec	CLIENT:	Same	LAB PROJECT ID: 180400
ADDRESS:	61 Commercial St., Suite 100	ADDRESS:		
CITY: Rochester STATE: ZIP: 14614		CITY: STATE: ZIP:		Quotation #:
PHONE:	413-5266	PHONE:	413-5301	Email: mike.staronsky@stantec.com
ATTN:	Mike Staronsky	ATTN:	Bob Mahaney	

PROJECT REFERENCE: Carriage Factory

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

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOCs (8260)	TOC (415.1)	REMARKS	PARADIGM LAB SAMPLE NUMBER
2/2/18	1237		X	LI-RW-1-PS22	WG	4	X	X		01
	1125			LI-RW-2-PS22						02
	1025			LI-RW-3-PS22						03
2/1/18	1455			LI-RW-4-PS22						04
	1222			LI-RW-5-PS22						05
	0925			LI-RW-6-PS22						06
	1040			LI-RW-7-PS-22						07
	1256			LI-RW-9-~~PS-22~~ PS22						08
	1132			LI-RW-12-~~PS-22~~ PS22						09
	1536			LI-BIO2-MW-PS22						10

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	☐			
Other please indicate date needed:	☐	Other please indicate package needed:	☐	Other EDD please indicate EDD needed: ☐

Jay DeMedico	2/2/18 ~~3:05~~	Total Cost:
Sampled By	Date/Time	
Relinquished By	2/2/18 3:05	
Received By	2/2/18 3:05	P.I.F.
Received @ Lab By	2/5/18 14:09	

4°C iced 2/2/18 15:32

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

See additional page for sample conditions.

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

2 of 2 2 of 3

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	Stantec	CLIENT:	Same	180400
ADDRESS:	61 Commercial St., Suite 100	ADDRESS:		Quotation #:
CITY:	Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:		
PHONE:	413-5266	PHONE:	413-5301	Email: mike.staronsky@stantec.com
ATTN:	Mike Staronsky	ATTN:	Bob Mahaney	

PROJECT REFERENCE: Carriage Factory

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

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOCs (8260)	TOC (415.1)	REMARKS	PARADIGM LAB SAMPLE NUMBER
2/2/18	1327		X	LI-B106-MW-PS22	WG	4	X	X		11
2/2/18	0915		↓	LI-B108-MW-PS22	↓	12	↓	↓	ms/msd	12
2/2/18	1030		↓	LI-FD-PS22	↓	4	↓	↓		13
2/1/18	0800			Trip Blank T-807 per sample lab-1 GP 2/2/18	WA	1	X			14

Jane Best

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

Sampled By		Date/Time	2/2/18 3:05
Relinquished By		Date/Time	2/2/18 3:05
Received By		Date/Time	2/5/18 14:09
Received @ Lab By		Date/Time	

Total Cost:

P.I.F.

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

See additional page for sample conditions.

Chain of Custody Supplement

Client: Stantec **Completed by:** Glenn Pezzulo

Lab Project ID: 180400 **Date:** 2/5/18

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	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X VoA		X
Comments			
Preservation	X		
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		
Comments	4°C iced 2/2/18 15:32		
Sufficient Sample Quantity	X		
Comments			

ANALYTICAL REPORT

Lab Number:	L1803977
Client:	Paradigm Environmental Services 179 Lake Avenue Rochester, NY 14608
ATTN:	Jane Daloia
Phone:	(585) 647-2530
Project Name:	180400
Project Number:	180400
Report Date:	02/07/18

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

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

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1803977-01	LI-RW-1-PS22 180400-01	WATER	Not Specified	02/02/18 12:37	02/05/18
L1803977-02	LI-RW-2-PS22 180400-02	WATER	Not Specified	02/02/18 11:25	02/05/18
L1803977-03	LI-RW-3-PS22 180400-03	WATER	Not Specified	02/02/18 10:25	02/05/18
L1803977-04	LI-RW-4-PS22 180400-04	WATER	Not Specified	02/01/18 14:55	02/05/18
L1803977-05	LI-RW-5-PS22 180400-05	WATER	Not Specified	02/01/18 12:22	02/05/18
L1803977-06	LI-RW-6-PS22 180400-06	WATER	Not Specified	02/01/18 09:25	02/05/18
L1803977-07	LI-RW-7-PS22 180400-07	WATER	Not Specified	02/01/18 10:40	02/05/18
L1803977-08	LI-RW-9-PS22 180400-08	WATER	Not Specified	02/01/18 12:58	02/05/18
L1803977-09	LI-RW-12-PS22 180400-09	WATER	Not Specified	02/01/18 11:32	02/05/18
L1803977-10	LI-B102-MW-PS22 180400-10	WATER	Not Specified	02/01/18 15:36	02/05/18
L1803977-11	LI-B106-MW-PS22 180400-11	WATER	Not Specified	02/02/18 13:27	02/05/18
L1803977-12	LI-B108-MW-PS22 180400-12	WATER	Not Specified	02/02/18 09:15	02/05/18
L1803977-13	LI-FD-PS22 180400-13	WATER	Not Specified	02/02/18 10:30	02/05/18

Project Name:	180400	**Lab Number:**	L1803977
Project Number:	180400	**Report Date:**	02/07/18

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	180400	**Lab Number:**	L1803977
Project Number:	180400	**Report Date:**	02/07/18

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 02/07/18

INORGANICS
&
MISCELLANEOUS

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

SAMPLE RESULTS

Lab ID: L1803977-01
Client ID: LI-RW-1-PS22 180400-01
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 02/02/18 12:37
Date Received: 02/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	1.83		mg/l	1.00	0.228	2	-	02/06/18 07:42	121,5310C	DW

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

SAMPLE RESULTS

Lab ID: L1803977-02
Client ID: LI-RW-2-PS22 180400-02
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 02/02/18 11:25
Date Received: 02/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	1.93		mg/l	1.00	0.228	2	-	02/06/18 07:42	121,5310C	DW

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

SAMPLE RESULTS

Lab ID: L1803977-03
Client ID: LI-RW-3-PS22 180400-03
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 02/02/18 10:25
Date Received: 02/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	2.16		mg/l	1.00	0.228	2	-	02/06/18 07:42	121,5310C	DW

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

SAMPLE RESULTS

Lab ID: L1803977-04
Client ID: LI-RW-4-PS22 180400-04
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 02/01/18 14:55
Date Received: 02/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	7.08		mg/l	1.00	0.228	2	-	02/06/18 07:42	121,5310C	DW

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

SAMPLE RESULTS

Lab ID: L1803977-05
Client ID: LI-RW-5-PS22 180400-05
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 02/01/18 12:22
Date Received: 02/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	1.89		mg/l	1.00	0.228	2	-	02/06/18 07:42	121,5310C	DW

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

SAMPLE RESULTS

Lab ID: L1803977-06
Client ID: LI-RW-6-PS22 180400-06
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 02/01/18 09:25
Date Received: 02/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	1.98		mg/l	1.00	0.228	2	-	02/06/18 07:42	121,5310C	DW

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

SAMPLE RESULTS

Lab ID: L1803977-07
Client ID: LI-RW-7-PS22 180400-07
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 02/01/18 10:40
Date Received: 02/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	1.57		mg/l	1.00	0.228	2	-	02/06/18 07:42	121,5310C	DW

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

SAMPLE RESULTS

Lab ID: L1803977-08
Client ID: LI-RW-9-PS22 180400-08
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 02/01/18 12:58
Date Received: 02/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	1.69		mg/l	1.00	0.228	2	-	02/06/18 07:42	121,5310C	DW

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

SAMPLE RESULTS

Lab ID: L1803977-09
Client ID: LI-RW-12-PS22 180400-09
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 02/01/18 11:32
Date Received: 02/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	1.76		mg/l	1.00	0.228	2	-	02/06/18 07:42	121,5310C	DW

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

SAMPLE RESULTS

Lab ID: L1803977-10
Client ID: LI-B102-MW-PS22 180400-10
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 02/01/18 15:36
Date Received: 02/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	2.50		mg/l	1.00	0.228	2	-	02/06/18 07:42	121,5310C	DW

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

SAMPLE RESULTS

Lab ID: L1803977-11
Client ID: LI-B106-MW-PS22 180400-11
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 02/02/18 13:27
Date Received: 02/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	1.69		mg/l	1.00	0.228	2	-	02/06/18 07:42	121,5310C	DW

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

SAMPLE RESULTS

Lab ID: L1803977-12
Client ID: LI-B108-MW-PS22 180400-12
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 02/02/18 09:15
Date Received: 02/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	1.62		mg/l	1.00	0.228	2	-	02/06/18 07:42	121,5310C	DW

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

SAMPLE RESULTS

Lab ID: L1803977-13
Client ID: LI-FD-PS22 180400-13
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 02/02/18 10:30
Date Received: 02/05/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	2.35		mg/l	1.00	0.228	2	-	02/06/18 07:42	121,5310C	DW

Project Name: 180400 **Lab Number:** L1803977

Project Number: 180400 **Report Date:** 02/07/18

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-13 Batch: WG1086845-1										
Total Organic Carbon	ND		mg/l	0.500	0.114	1	-	02/06/18 07:42	121,5310C	DW

Lab Control Sample Analysis

Batch Quality Control

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-13 Batch: WG1086845-2								
Total Organic Carbon	107		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG1086845-4 QC Sample: L1803977-12 Client ID: LI-B108-MW-PS22 180400-12												
Total Organic Carbon	1.62	8	10.1	106		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG1086845-3 QC Sample: L1803977-12 Client ID: LI-B108-MW-PS22 180400-12						
Total Organic Carbon	1.62	1.80	mg/l	11		20

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1803977-01A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-01B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-02A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-02B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-03A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-03B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-04A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-04B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-05A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-05B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-06A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-06B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-07A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-07B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-08A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-08B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-09A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-09B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-10A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-10B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-11A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-11B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-12A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)

*Values in parentheses indicate holding time in days

Project Name: 180400
Project Number: 180400

Lab Number: L1803977
Report Date: 02/07/18

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L1803977-12A1	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-12A2	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-12B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-12B1	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-12B2	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-13A	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)
L1803977-13B	Vial H2SO4 preserved	A	NA		2.7	Y	Absent		TOC-5310(28)

*Values in parentheses indicate holding time in days

Project Name:	180400	**Lab Number:**	L1803977
Project Number:	180400	**Report Date:**	02/07/18

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

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

Terms

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

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers

Project Name:	180400	**Lab Number:**	L1803977
Project Number:	180400	**Report Date:**	02/07/18

Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	180400	**Lab Number:**	L1803977
Project Number:	180400	**Report Date:**	02/07/18

REFERENCES

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

1 of 2

11148

L1803977

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:	179 Lake Avenue	ADDRESS:			
CITY: Rochester STATE: NY ZIP: 14608		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:		PHONE: FAX:		STD / OTHER	
PROJECT NAME/SITE NAME:		ATTN: Reporting	ATTN: Accounts Payable	☐ 1 ☐ 2 ☐ 3 ☒ 5	
		COMMENTS: Please email results to reporting@paradigmenv.com		Date Due: 2/13/18 for data	

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	TOC	REMARKS	PARADIGM LAB SAMPLE NUMBER
12/2/18	12:37			LI-RW-1-PS22	Ground Water	2	X	Report J Flags. ASP Cat B Package Due 2/26/18. 5W-846 MT's. 180400-01	
2	11:25			LI-RW-2-PS22	↓	↓	↓	-02	
3	10:25			LI-RW-3-PS22				-03	
4 12/1/18	14:55			LI-RW-4-PS22				-04	
5	12:22			LI-RW-5-PS22				-05	
6	09:25			LI-RW-6-PS22				-06	
7	10:40			LI-RW-7-PS22				-07	
8	12:58			LI-RW-9-PS22				-08	
9	11:32			LI-RW-12-PS22				-09	
10	15:36			LI-B102-MW-PS22	↓	↓	↓	-10	

LAB USE ONLY BELOW THIS LINE

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

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

Client

Sampled By	Date/Time	
JR	2/5/18	16:00
Relinquished By	Date/Time	
S. [redacted] M.A.L.	2/5/18	16:50
Received By	Date/Time	
S. [redacted] M.A.L	2/5/18	16:50
Received By	Date/Time	
[redacted]	2/6/18	0001
Received @ Lab By	Date/Time	

Total Cost:

P.I.F.

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

2 of 2 **11148**

L1863977

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:	179 Lake Avenue	ADDRESS:			
CITY: Rochester STATE: NY ZIP: 14608		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:		PHONE: FAX:		STD ☐ 1 ☐ 2 ☐ 3 ☐ 5	OTHER
PROJECT NAME/SITE NAME:		ATTN: Reporting	ATTN: Accounts Payable		
		COMMENTS: Please email results to reporting@paradigmenv.com		Date Due:	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TOC									REMARKS	PARADIGM LAB SAMPLE NUMBER
1	2/2/18	13:27			LI-B106-MW-PS22	Ground Water	2	X									180400-11	
2	↓	09:15			LI-B108-MW-PS22	↓	6	↓	MS/MSD	0.7	-12						-12	
3	↓	10:30			LI-FD-PS22	↓	2	↓									-13	
4																		
5																		
6																		
7																		
8																		
9																		
10																		

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

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

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

Client

Sampled By: JP2	Date/Time: 2/5/18	16:00
Relinquished By:	Date/Time:	
Received By: S. Hoyt A.A.L.	Date/Time: 2/5/18	16:50
Received By: S. Hoyt A.A.L.	Date/Time: 2/5/18	16:52
Received @ Lab By:	Date/Time: 2/6/18	0004

Total Cost:

P.I.F.

Appendix D

Data Usability Summary Reports

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
harry@frontiernet.net

February 21, 2018

Robert Mahoney
Stantec
61 Commercial St.
Rochester, NY 14614

RE: Data Usability Summary Report (DUSR)
Validation of the 33 Litchfield Old Carriage Factory Remediation Site Analytical Data
Paradigm SDG No. 173804

Dear Mr. Mahoney:

Review has been completed for the data package generated by Paradigm Environmental Services, Inc that pertains to samples collected August 14, 2017 and August 15, 2017 at the 33 Litchfield Carriage Factory site. Twelve aqueous samples and a field duplicate were analyzed for TCL volatiles and TOC. Matrix spikes and a trip blank were also processed. Analytical methodologies are those of the USEPA SW846 8260 and Standard Methods SM5310C. TOC results were subcontracted to Alpha Analytical.

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)
* 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, volatile results are usable with minor qualification, with the exception that the results for one volatile analyte in the samples are rejected due to poor instrument response.

Accuracy, precision, data completeness, sensitivity, representativeness, and the analytical method comparability are acceptable.

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 samples were on ice, but at elevated temperature at laboratory receipt. They were received the same day as some of the samples were collected, and no qualification is indicated. Based on the notations on the custody form and custody supplement, the samples were apparently not unpacked and logged in at the laboratory until eight days after samples were initially received by laboratory personnel. No further explanation is available.

The custody forms do not indicate preservation.

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.

The method 415.1 was requested on the chain-of-custody for the TOC analyses. The laboratories utilized method MW5310C

Blind Field Duplicate Correlations

The aqueous field duplicate was at location LI-RW-12-PS21, and shows acceptable correlations.

Volatile Analyses by EPA8260C

The volatile preparation/analysis logs do not include the pH of the samples, and the samples were not processed within the holding time for unpreserved samples. Although certified preserved vials were used, it is not documented that the pH of the samples was less than 2 at analysis (i.e. no matrix buffering effect), and the sample results are therefore qualified as estimated in value, with a possible low bias.

The matrix spikes of LI-RW-9-PS21 show acceptable recoveries and correlations.

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.

Surrogate and internal standard recoveries are compliant. Blanks show no contamination.

TOC by SM5310C

Review was conducted for method compliance, holding times, transcription, calculations, standard and blank acceptability, accuracy and precision.

The matrix spike/duplicate evaluation was performed for TOC on LI-RW-9-PS21, and shows acceptable recoveries and correlations.

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

Very truly yours,

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.

Client and Laboratory Sample IDs

SDG# : 3804-01
LAB PROJECT #: 173804
CLIENT: Stantec
PROJECT NAME: Carriage Factory

BATCH COMPLETE: 8/23/2017
DATE DUE: 9/23/2017
PROTOCOL: SW846

LAB.SAMPLE#	FIELD ID	MATRIX	REQUESTED ANALYSIS	DATE SAMPLED	DATE REC'D
173804-01	LI-RW-1-PS21	Water	TCL-8260, TOC ~~415.1~~ SM 5310C	8/15/2017	~~8/23/2017~~ 8/15/17
173804-02	LI-RW-2-PS21	Water	TCL-8260, TOC-415.1	8/15/2017	8/23/2017
173804-03	LI-RW-3-PS21	Water	TCL-8260, TOC-415.1	8/15/2017	8/23/2017
173804-04	LI-RW-4-PS21	Water	TCL-8260, TOC-415.1	8/14/2017	8/23/2017
173804-05	LI-RW-5-PS21	Water	TCL-8260, TOC-415.1	8/14/2017	8/23/2017
173804-06	LI-RW-6-PS21	Water	TCL-8260, TOC-415.1	8/14/2017	8/23/2017
173804-07	LI-RW-7-PS21	Water	TCL-8260, TOC-415.1	8/14/2017	8/23/2017
173804-08 QC	LI-RW-9-PS21	Water	TCL-8260, TOC-415.1	8/14/2017	8/23/2017
173804-09	LI-RW-12-PS21	Water	TCL-8260, TOC-415.1	8/14/2017	8/23/2017
173804-10	LI-B102-MW-PS21	Water	TCL-8260, TOC-415.1	8/14/2017	8/23/2017
173804-11	LI-B106-MW-PS21	Water	TCL-8260, TOC-415.1	8/15/2017	8/23/2017
173804-12	LI-B108-MW-PS21	Water	TCL-8260, TOC-415.1	8/15/2017	8/23/2017
173804-13	LI-FD-PS21	Water	TCL-8260, TOC-415.1	8/14/2017	8/23/2017
173804-14	Trip Blank	Water	TCL-8260	8/14/2017	8/23/2017

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
harry@frontiernet.net

March 20, 2018

Robert Mahoney
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 No. 180400

Dear Mr. Mahoney:

Review has been completed for the data package generated by Paradigm Environmental Services, Inc that pertains to samples collected 02/01/18 and 02/02/18 at the 33 Litchfield Carriage Factory site. Twelve aqueous samples and a field duplicate were analyzed for TCL volatiles and TOC. Matrix spikes and a trip blank were also processed. Analytical methodologies are those of the USEPA SW846 8260 and Method 415.1. TOC results were subcontracted to Alpha Analytical.

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)
* 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.

Accuracy, precision, data completeness, sensitivity, representativeness, and the analytical method comparability are acceptable.

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 volatile preparation/analysis logs do not include the pH of the samples, but the samples were processed within the holding time for unpreserved samples. The TOC logs, processed by Alpha, do show the proper pH.

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.

The method 415.1 was requested on the chain-of-custody for the TOC analyses. The laboratories utilized method MW5310C

Blind Field Duplicate Correlations

The aqueous field duplicate was at location LI-RW-3-PS22, and shows acceptable correlations.

Volatile Analyses by EPA8260C

The matrix spikes of LI-B108-MW-PS22 show acceptable recoveries and correlations. Not all of the target analytes are evaluated in the matrix spikes and LCSs.

Due to low recovery (68%) in the associated LCS, the results for chloromethane in LI-B106-MW-PS22 and LI-FD-PS22 have been qualified as estimated, with a low bias.

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.

Surrogate and internal standard recoveries are compliant. Blanks show no contamination.

TOC by SM5310C

Review was conducted for method compliance, holding times, transcription, calculations, standard and blank acceptability, accuracy and precision.

The matrix spike/duplicate evaluation was performed for TOC on LI-B108-MW-PS22, and shows acceptable recoveries and correlations.

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

Very truly yours,

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.

Client and Laboratory Sample IDs

BATCH LOG

Lab Name: Paradigm Environmental Services
Lab Project #: 180400
Client Name: Stantec
Client Project Name: Carriage Factory
Client Project #: N/A
SDG No.: 0400-01

Protocol: SW846 Report Due Date: 2/16/2018 Batch Due Date: 3/7/2018

LAB SAMPLE NO.	MATRIX	CLIENT SAMPLE ID	REQUESTED ANALYSIS	DATE SAMPLED	DATE REC'D
180400-01	Groundwater	LI-RW-1-PS22	TCL VOA, TOC	2/2/2018	2/5/2018
180400-02	Groundwater	LI-RW-2-PS22	TCL VOA, TOC	2/2/2018	2/5/2018
180400-03	Groundwater	LI-RW-3-PS22	TCL VOA, TOC	2/2/2018	2/5/2018
180400-04	Groundwater	LI-RW-4-PS22	TCL VOA, TOC	2/1/2018	2/5/2018
180400-05	Groundwater	LI-RW-5-PS22	TCL VOA, TOC	2/1/2018	2/5/2018
180400-06	Groundwater	LI-RW-6-PS22	TCL VOA, TOC	2/1/2018	2/5/2018
180400-07	Groundwater	LI-RW-7-PS22	TCL VOA, TOC	2/1/2018	2/5/2018
180400-08	Groundwater	LI-RW-9-PS22	TCL VOA, TOC	2/1/2018	2/5/2018
180400-09	Groundwater	LI-RW-12-PS22	TCL VOA, TOC	2/1/2018	2/5/2018
180400-10	Groundwater	LI-B102-MW-PS22	TCL VOA, TOC	2/1/2018	2/5/2018
180400-11	Groundwater	LI-B106-MW-PS22	TCL VOA, TOC	2/2/2018	2/5/2018
180400-12	Groundwater	LI-B108-MW-PS22	TCL VOA, TOC	2/2/2018	2/5/2018
180400-13	Groundwater	LI-FD-PS22	TCL VOA, TOC	2/2/2018	2/5/2018
180400-14	Water	Trip Blank	TCL VOA, TOC	2/1/2018	2/5/2018

Appendix E

MCDES Inspection and Monitoring Reports

Department of **Environmental Services**
Monroe County, New York

Cheryl Dinolfo
County Executive

Michael J. Garland, P.E.
Director

MONROE COUNTY
DEPARTMENT OF ENVIRONMENTAL SERVICES
OFFICE OF INDUSTRIAL WASTE

Date 2/23/18

Enclosed you will find documentation related to this office's most recent visit to your facility. These documents are for your records. If you have any questions or concerns, please feel free to contact Sean Keenan at 585-753-7658.

☒ Regulatory Monitoring Report

☐ Inspection Report

☐ Other _____

145 Paul Rd., Bldg. 1 – Rochester, NY 14624
(585) 753-7600 • *fax:* (585) 324-1213
www.monroecounty.gov

Cheryl Dinolfo
County Executive

Department of Environmental Services
Environmental Laboratory
Analytical Results

Michael J. Garland PE
Director, DES

1. Name of Company Having Wastewater Discharge
Carriage Factory Apt

2. Has the Ownership or Occupancy Changed Since the Last Report?
☐ Yes ☐ No

2. Address of Wastewater Discharge
33 Litchfield Street
Rochester, NY 14608

4. Name of Industrial Wastewater Contact

5. Phone Number

6. Mailing Address
1931 Buffalo Rd
Rochester, NY 14624

7. SIC Number(s)

8. Reporting Period
From 02/01/2018 to 02/01/2018

9. Name of Company Collecting Wastewater Sample

10. (Print) Sample Location(s)
IWC-996.1 - Elevator Sump

RESULTS FOR SAMPLE DATE: 02/01/2018

CODE	SUBSTANCE	SAMPLING METHOD	TEST RESULT(S) UNIT	IPACS ID	LIMS ID
5645	1,1,1-Trichloroethane	GRAB	< 10.0 ug/L	421239	1800712-01
5647	1,1,2,2-Tetrachloroethane	GRAB	< 10.0 ug/L	421239	1800712-01
5648	1,1,2-Trichloroethane	GRAB	< 10.0 ug/L	421239	1800712-01
5650	1,1-Dichloroethane	GRAB	< 10.0 ug/L	421239	1800712-01
5652	1,1-Dichloroethene	GRAB	< 10.0 ug/L	421239	1800712-01
5668	1,2-Dichlorobenzene	GRAB	< 10.0 ug/L	421239	1800712-01
5673	1,2-Dichloroethane	GRAB	< 10.0 ug/L	421239	1800712-01
5676	1,2-Dichloropropane	GRAB	< 10.0 ug/L	421239	1800712-01
5681	1,3-Dichlorobenzene	GRAB	< 10.0 ug/L	421239	1800712-01
5687	1,4-Dichlorobenzene	GRAB	< 10.0 ug/L	421239	1800712-01
5888	Bromodichloromethane	GRAB	< 10.0 ug/L	421239	1800712-01
5890	Bromoform	GRAB	< 10.0 ug/L	421239	1800712-01
5892	Bromomethane	GRAB	< 10.0 ug/L	421239	1800712-01
5896	Cadmium, Total	GRAB	< 0.0100 mg/L	421239	1800712-01
5903	Carbon Tetrachloride	GRAB	< 10.0 ug/L	421239	1800712-01
5929	Chlorobenzene	GRAB	< 10.0 ug/L	421239	1800712-01
5934	Chloroethane	GRAB	< 10.0 ug/L	421239	1800712-01
5936	Chloroform	GRAB	< 10.0 ug/L	421239	1800712-01
5938	Chloromethane	GRAB	< 10.0 ug/L	421239	1800712-01
5951	cis-1,2-Dichloroethene	GRAB	< 10.0 ug/L	421239	1800712-01
5953	cis-1,3-Dichloropropene	GRAB	< 10.0 ug/L	421239	1800712-01
5967	Copper, Total	GRAB	< 0.0100 mg/L	421239	1800712-01
5999	Dibromochloromethane	GRAB	< 10.0 ug/L	421239	1800712-01
6152	Lead, Total	GRAB	< 0.0100 mg/L	421239	1800712-01
6174	Methylene Chloride	GRAB	< 10.0 ug/L	421239	1800712-01
6363	Tetrachloroethene	GRAB	< 10.0 ug/L	421239	1800712-01
6410	trans-1,2-Dichloroethene	GRAB	< 10.0 ug/L	421239	1800712-01
6412	trans-1,3-Dichloropropene	GRAB	< 10.0 ug/L	421239	1800712-01
6418	Trichloroethene	GRAB	< 10.0 ug/L	421239	1800712-01
6421	Trichlorofluoromethane	GRAB	< 10.0 ug/L	421239	1800712-01
6439	Vinyl Chloride	GRAB	< 10.0 ug/L	421239	1800712-01
6447	Zinc, Total	GRAB	< 0.100 mg/L	421239	1800712-01

Cheryl Dinolfo
County Executive

NY ELAP ID # 10373

Department of Environmental Services
Environmental Laboratory Sample Submission Form

Michael J. Garland PE
Director, DES

EPA Lab Code: NY01266

Chain of Custody Record

Folder#:1800712 | Owner Lab: ENV | Client ID: IW | Project: N/A | Sample Group: Carriage Factory Apt

REQUESTED BY: D. Wolf / Donald Wolf
(Print Name/Signature)

COLLECTED BY: D. Wolf / Donald Wolf
(Print Name/Signature)

TYPE: (Circle One) ROUTINE / SPECIAL

FOR LAB USE ONLY

METHOD OF TRANSPORT (CHECK ONE)	SAMPLE CONDITION UPON RECEIPT (CHECK APPROPRIATE BOXES)		SAMPLE STORAGE
☐ LAB PERSONNEL	☐ CHILLED	☐ CONTAINER INTACT	LOCATION
☐ MAIL	☐ SEALED	☐ # OF SAMPLES MATCH COC	REFRIG#
☐ COURIER	☐ SEAL INTACT	☐ HEADSPACE (VOA)	SHELF#
☐ OTHER	☐ PRESERVED	COOLER TEMPERATURE (0-6°C): 3.5	OTHERS

pH Field Analysis

	Grab 1	Grab 2
pH		
Temp		
Time		
Initials		

Container ID	Sample Name	Date	Cl Resid.	Type	Time St.	Time End	Container	Preservative	pH<2	pH>12	Initials	Purgeables by EPA 624	Trace Elements by ICP-MS
1800712-01-01	Elevator Sump	2/1/18	N	G	10:30		1_Pint_Polyethylene	HNO3_Trace Grade	10:40		SG		X
1800712-01-02	Elevator Sump	2/1/18	N	G	10:30		40_ml_Glass_Amber	1/1 HCl_Trace Grade	10:30		SG	X	

RELINQUISHED FROM: (Print Name/Sign) Donald Wolf / Donald Wolf	DATE/TIME: 2/1/18 11:30	RELINQUISHED TO: (Print Name/Sign)	DATE/TIME: 2/1/18 1120	Comments:
RELINQUISHED FROM: (Print Name/Sign) /	DATE/TIME:	RELINQUISHED TO: (Print Name/Sign) /	DATE/TIME:	
RELINQUISHED FROM: (Print Name/Sign) /	DATE/TIME:	RELINQUISHED TO: (Print Name/Sign) /	DATE/TIME:	
WQ LAB RECEIVED BY: (Print Name/Sign) /	DATE/TIME:	LIMS LOGGED BY: (Print Name/Sign) /	DATE/TIME:	

Technical Director: Gary Brown
1574 Lakeshore Blvd., Rochester, NY 14617 Phone: 585/753-2559 Fax: 585/753-2475 E-mail: GBrown@monroecounty.gov

Department of **Environmental Services**
Monroe County, New York

Cheryl Dinolfo
County Executive

Michael J. Garland, P.E.
Director

MONROE COUNTY
DEPARTMENT OF ENVIRONMENTAL SERVICES
OFFICE OF INDUSTRIAL WASTE

Date 2/2/2018

Enclosed you will find documentation related to this office's most recent visit to your facility. These documents are for your records. If you have any questions or concerns, please feel free to contact Sean Keenan at (585) 753-7658.

☐ Regulatory Monitoring Report

☒ Inspection Report

☐ Other _____

145 Paul Rd., Bldg. 1 – Rochester, NY 14624
(585) 753-7600 • *fax:* (585) 324-1213
www.monroecounty.gov

Department of **Environmental Services**
Monroe County, New York

Industrial Waste Control
145 Paul Rd Bldg. 1
Rochester, NY 14624

Industrial Pretreatment Inspection Report

Part A

Name of Industrial User	**Carriage Factory Apartments**		
Location:	**33 Litchfield Street**		
Interviewee:	**Jay (from Stantco)**	Inspector:	**Don Wolf**
			Steven Smith
Permit No.: IWC-	**996**	Inspection Date:	**2/1/2018**
Permit Expiration Date:	**7/31/2020**	Inspection Time:	**1030**
Primary Contact:	**Michael Storonsky**		
Secondary Contact:	**James Whalen**		

Part B Pre-Inspection

Type of Industrial Category:	**Groundwater Remediation**
Self-Monitoring:	☐Monthly ☒Quarterly ☐Semi-Annual ☐Annual ☐Batch ☐Optional
Is Self Monitoring Up To Date?	☒Yes ☐No
Do Self Monitoring and Events tables match permit?	☒Yes ☐No
Discharge Meter data up to date?	☒Yes ☐No
Date of last read:	**9/2017**
Violations in past 2 Years?	☐Yes ☒ No
If yes, explain:	

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