Stantec Consulting Services Inc.
61 Commercial Street, Suite 100
Rochester NY 14614-1009
Tel: (585) 475-1440
Fax: (585) 272-1814

June 10, 2015
File: 190500751

Todd Caffoe, P.E
New York State Department of Environmental Conservation
Division of Environmental Remediation
6274 East Avon-Lima Road
Avon, NY 14414

Reference: **Brownfield Cleanup Program**
Progress Report #23
Site #C828184
Former Carriage Factory
33 Litchfield Street
Rochester, Monroe County, New York

Dear Todd,

On behalf of Carriage Factory Special Needs Apartments, LP (CFSNA), Stantec Consulting Services Inc. (Stantec) has prepared this Progress Report #23 for the Brownfield Cleanup Program (BCP) at the Former Carriage Factory located at 33 Litchfield Street in the City of Rochester, Monroe County, New York (Site). This report covers activities that took place since the submission of Progress Report #22 (dated March 10, 2015).

1. Actions Completed During The Reporting Period

- On May 4 and 5, twelve groundwater monitoring wells (see Figure 1) were sampled as outlined in the Enhanced Reductive Dechlorination IRM Work Plan. The attached Table 1 summarizes the recorded groundwater field parameters for this event, and previous injection monitoring events. The field data indicate very anaerobic, reducing conditions [dissolved oxygen concentrations (DO) lower than 0.5 mg/L and oxidation-reduction potential (ORP) values generally lower than -150 mV] remain present in each of the wells that received injections of sodium lactate solution. Table 1 includes a chart showing the decreasing trend in average ORP values at these wells over time.

  Exceptions to the decreasing ORP trend during this event include RW-4, RW-9, and RW-12. RW-4 was sampled by bailer due to poor groundwater recharge. Since the sample DO was not collected downhole, it is likely that this DO field measurement is biased high due to potential aeration during sample collection. A DO measurement collected during the initial attempt to use low-flow sampling, prior to volumetric bailer purging, was around 0.5 mg/L. This value is more in line with historical DO values for this well, and, therefore, is considered to be more representative of actual subsurface conditions within the vicinity of RW-4.

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RW-9 and RW-12 are both off-site monitoring wells and not located within the active treatment zone targeted by the sodium lactate injection activities. RW-9 is a side-gradient well where groundwater contaminant concentrations have been below groundwater standards for the last six sampling events. The DO and ORP values were both outside the performance metrics stated above, but still show anaerobic (DO < 2.0 mg/L) and reducing (negative ORP) conditions exist at this well location. RW-12 is located down gradient of the targeted treatment area and has consistently shown anaerobic and reducing conditions to be present in the vicinity of this well. The recorded ORP value (-113 mV) represents an increase since the previous sampling event, but desired geochemical conditions are still present at this location.

- On May 5, the quarterly elevator sump sample was collected, as required by MCDES to satisfy Sewer-Use Permit #996.
- On May 5, the purge water generated during the May 4 and 5 groundwater sampling event was sampled for discharge to the municipal sewer, pending approval by MCDES.
- On May 5, measurements were recorded from the three vacuum manometers installed in the fifth floor utility room to continuously monitor the vacuum induced by the three SSDS fans. The vacuum readings ranged from 2.0 to 2.2 inches H_2O. These readings were consistent with the readings recorded when the system was installed and monthly readings collected by Marc Banning, Property Manager for DePaul Properties, which ranged from 2.0 to 2.4 inches H_2O from January to March 2015.
- On May 22, the purge water generated during the May 2015 sampling event (approximately 27 gallons) was discharged to the municipal sewer, as approved by MCDES (see below).

2. Data Received or Generated in the Previous Reporting Period

- Analytical results from the quarterly groundwater sampling event performed on May 4 and 5 are included in the attached Table 2, Figure 2 and in Appendix A. These results reflect groundwater conditions one year following injection of sodium lactate and indicate that the parent volatile organic compounds (VOCs) of tetrachloroethylene (PCE), and trichloroethylene (TCE) continue to degrade into the daughter compounds of the cis and trans isomers of 1,2-dichloroethylene (1,2-DCE) and vinyl chloride (VC), before proceeding to complete destruction. Of the twelve wells sampled, nine had both PCE and TCE concentrations below groundwater standards (5 ug/L). The parent compounds were also not detected at RW-6, but slightly elevated detection limits of 10.0 ug/L were due to elevated concentrations of cis-1,2-DCE which may have masked the potential presence of PCE and TCE between 5 and 10 ug/L. PCE concentrations above 5 ug/L were detected at B108-MW (14.4 ug/L) and RW-4 (18.7 ug/L), while RW-4 also had TCE concentrations greater than groundwater standards at 8.94 ug/L.

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In general, daughter compound concentrations have continued to decline at all wells from peak levels observed within the first 6 months of the remediation program. The highest groundwater concentrations of daughter compounds were observed at well RW-6 (373 ug/L cis-1,2-DCE, 6.18 ug/L trans-1,2-DCE, and 367 ug/L VC), but levels still represented a decline from the previous sampling event. These favorable results continue to indicate improving groundwater conditions as a result of the injection program. However, these data should be considered preliminary as they have not yet undergone data validation.

- Decreasing total organic carbon (TOC) concentrations at all well locations indicate that the injected sodium lactate continues to be consumed. Groundwater TOC concentrations ranged between 1.5 mg/L (B106-MW) and 6.2 mg/L (RW-12). These low levels may be an indication of the potential need to consider an additional, targeted sodium lactate injection event in the future.
- Gene-trac assay results from the groundwater samples obtained from B102-MW and B108-MW during the May sampling event are included in Appendix A. Results indicate that moderate population levels of dehalococcoides have been maintained, despite a slight decline since the last sampling event.
- Analytical results from the purge water sampled on May 5 are presented in Table 3. These results, which were well below discharge limits, were forwarded to Monroe County on May 19, and the water was approved for discharge to the municipal sewer on May 20.
- Analytical results from the sump water sampled on May 5 are also presented in Table 3. These results, which were well below discharge limits, were forwarded to Monroe County to fulfill the permit requirements.
- A Data Usability Summary Report (DUSR), dated May 22, 2015, was prepared for the analytical data from the October 2014 and February 2015 groundwater sampling events and is included in Appendix B. The attached Table 2 reflects the qualified data as a result of the DUSR findings.

3. Deliverables Completed and Submitted during the Previous Reporting Period

- Progress Report No. 22 was submitted on March 10.

4. Actions Scheduled for the Next Reporting Period

- Prepare a Data Usability Summary Report (DUSR) for the analytical data from the May 2015 groundwater sampling event.
- Submit an EDD for the May 2015 groundwater data.

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- It is proposed to conduct another round of quarterly groundwater sampling in early August 2014 to determine if contaminant levels continue to decline and assess both the need for a potential supplemental sodium lactate injection and the frequency and extent of the associated groundwater monitoring program. At this time, we propose to discontinue sampling at RW-9, as groundwater contaminant concentrations at this well have been below groundwater standards for the last six sampling events.

Closing

If you have any questions or require further information, please contact us.

Regards,

STANTEC CONSULTING SERVICES INC.

Michael P. Storonsky
Managing Principal
Phone: 585-413-5266
mike.storonsky@stantec.com

Peter Nielsen, P.E.
Senior Associate
Phone: 585-413-5280
peter.nielsen@stantec.com

Attachments:

Figure 1 – Site Map
Figure 2 – Summary of CVOC Degradation Over Time – All Wells
Table 1 – Summary of Groundwater Field Parameters
Table 2 – Summary of Analytical Results in Groundwater (Preliminary)
Table 3 – Summary of Analytical Results in Waste Water and Discharge Permit Samples
Appendix A – Laboratory Analytical Reports
Appendix B – Data Usability Summary Report (DUSR) – October 2014 and February 2015

ec:
James Mahoney (NYSDEC)
Al Floro (Nixon Peabody)
Justin Deming (NYSDOH)
Jonathan Penna (Nixon Peabody)
Stephanie Selmer (NYSDOH)
Mark Gregor (City of Rochester)
James Whalen (CFSNA)
Eleonora Bershadskaya (Goldman Sachs)
Mark Fuller (CFSNA)
Daniel Alger (Goldman Sachs)
Gillian Conde (CFSNA)
Linda Kaiser (Goldman Sachs)
Joy Cromwell (CFSNA)
Patrick Miller (CPC)
Chris Betts (Betts Housing)
David Lent (IVI)
Amy Reichhart (Nixon Peabody)

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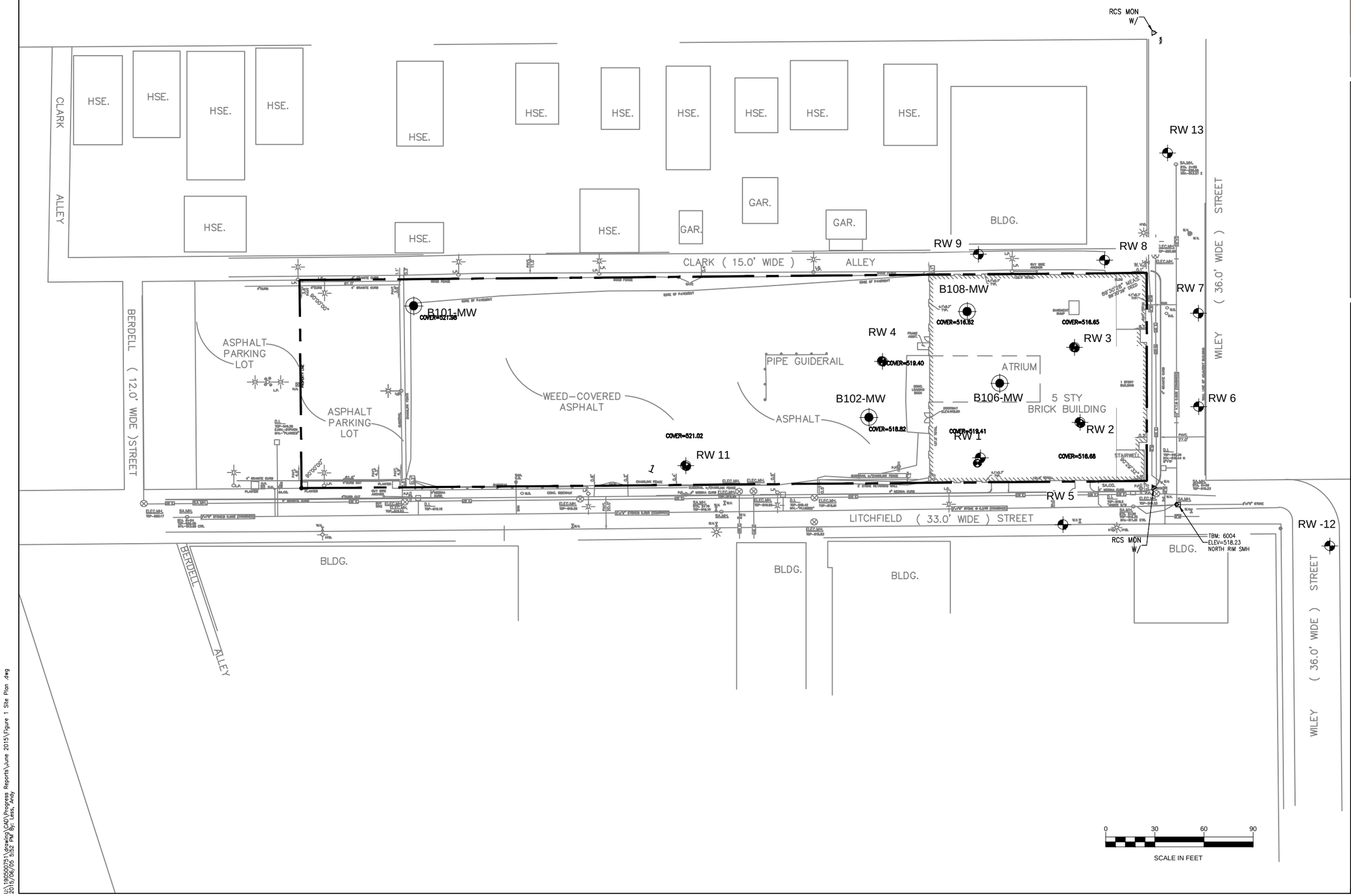
Figures



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

Consultants

Legend

- 33 LITCHFIELD STREET BUILDING LIMITS
- RW 2 888 ug/L — LOCATIONS OF PHASE II ESA GROUNDWATER MONITORING WELLS
- B101-MW — RI MONITORING WELL LOCATION
- PROPERTY LINE
- SANITARY SEWER (SA MH=MANHOLE)

Notes

1. PLAN ADAPTED FROM BASE PLAN BY PARRONE ENGINEERING.

Revision	By	Appd.	YY.MM.DD
Progress Report	RM	MPS	15.06.10
Issued	By	Appd.	YY.MM.DD

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

Permit-Seal

Client/Project

CARRIAGE FACTORY SPECIAL NEEDS APARTMENTS, L.P.

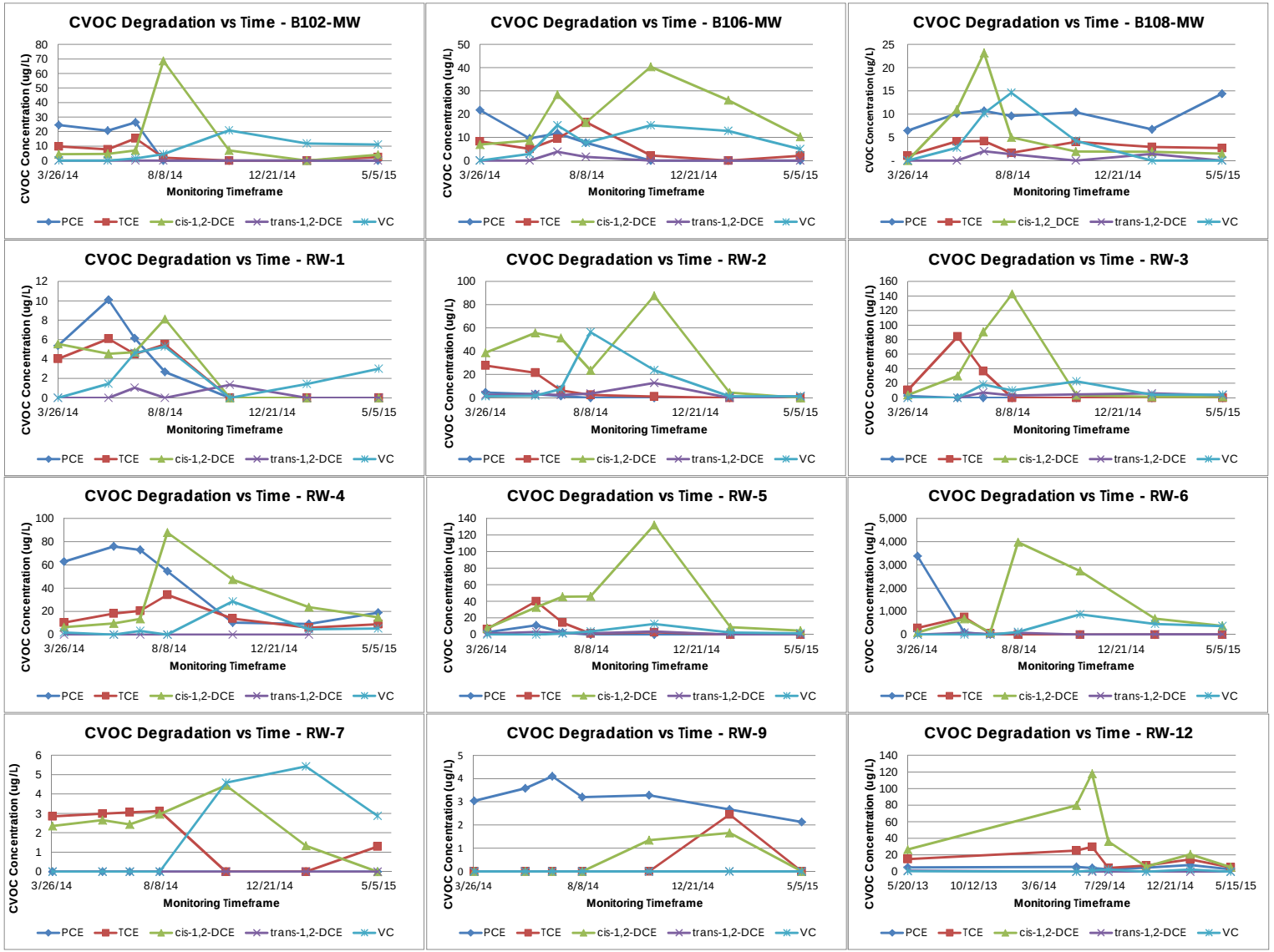
BROWNFIELD CLEANUP PROGRAM
FORMER CARRIAGE FACTORY
33 LITCHFIELD STREET, ROCHESTER , NY

Title

SITE PLAN

Project No.	Scale	
190500751	AS SHOWN	
Drawing No.	Sheet	Revision
FIGURE 1	of	0

Figure 2
Summary of CVOC Degradation Over Time - All Wells
Former Carriage Factory
33 Litchfield Street, Rochester, NY



Stantec

U:\190500751\report\Monthly Progress Reports\#23 - 2015Q2\Figures\[Former Carriage Factory ERD Application - Groundwater Monitoring Data May 2015.xlsx]Monitoring Data

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Tables

Table 1
Summary of Groundwater Field Parameters
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Sample Location		B101-MW	B102-MW								B106-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	23-May-13	26-Mar-14	28-May-14	2-Jul-14	7-Aug-14	28-Oct-14	3-Feb-15	5-May-15
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	22-May-13	27-Mar-14	28-May-14	2-Jul-14	6-Aug-14	28-Oct-14	3-Feb-15	4-May-15	23-May-13	26-Mar-14	28-May-14	2-Jul-14	7-Aug-14	28-Oct-14	3-Feb-15	5-May-15
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	0.99	0.86	0.90	0.92	1.41	1.03	1.15	1.19	1.28	0.92	1.08	1.29	2.20	1.30	1.09	1.06	1.03
Dissolved Oxygen	mg/L	1.34	0.10	0.12	0.19	0.14	0.03	1.09	0.00	0.20	0.13	0.07	0.08	0.17	0.11	0.40	0.00	0.06
Oxidation Reduction Potential	mV	-25.0	13.3	73.6	-49.7	-271.6	-284.0	-118.9	-154.7	-233.3	17.8	90.8	-96.3	-231.4	-274.4	-138.8	-172.9	-241.4
pH	S.U.	7.02	6.87	7.02	7.15	7.26	7.04	7.06	7.17	7.00	6.99	7.05	7.15	6.96	7.07	7.02	7.09	6.98
Temperature	deg C	13.4	20.5	3.7	18.4	16.2	20.4	15.9	7.7	10.9	16.1	3.0	18.3	15.7	16.5	15.4	16.2	16.7
Turbidity	NTU	0.68	4.07	11.71	1.87	1.79	1.45	2.75	2.28	0.76	4.77	1.84	1.48	1.46	2.1	2.46	0.99	0.48
Volume Purged	gal	0.8	1.2	0.5	2.6	2.0	2.0	0.7	0.5	1.8	1.1	0.7	1.8	1.5	1.7	1.4	1.1	1.7

Sample Location		B108-MW								RW-1							
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	23-May-13	26-Mar-14	29-May-14	1-Jul-14	8-Aug-14	29-Oct-14	3-Feb-15	5-May-15
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		23-May-13	26-Mar-14	28-May-14	2-Jul-14	8-Aug-14	29-Oct-14	3-Feb-15	5-May-15	23-May-13	26-Mar-14	29-May-14	1-Jul-14	8-Aug-14	29-Oct-14	3-Feb-15	5-May-15
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Field Parameters	**Units**																
Conductivity	mS/cm	0.95	1.06	1.05	1.27	1.22	1.22	1.49	1.04	0.74	1.07	1.22	2.12	1.15	1.23	1.13	1.82
Dissolved Oxygen	mg/L	0.13	0.13	0.10	0.18	0.13	0.31	0.00	0.06	0.13	0.01	0.11	0.08	0.14	0.70	0.00	0.01
Oxidation Reduction Potential	mV	29.1	137.1	-69.9	-216.0	-293.4	-354.1	-327.4	-241.5	-94.3	179.0	-147.8	-252.9	-313.0	-297.2	-321.0	-266.7
pH	S.U.	7.15	7.04	7.21	7.04	7.02	7.08	7.68	7.01	7.19	7.05	7.16	6.75	7.05	7.36	7.17	7.03
Temperature	deg C	13.6	10.6	19.5	16.1	15.4	16.0	16.7	16.1	12.5	8.6	18.8	16.5	15.0	15.3	15.2	15.3
Turbidity	NTU	0.62	0.28	3.54	0.86	3.78	3.24	1.11	1.56	10.55	12.37	1.66	6.31	3.19	4.41	2.97	2.15
Volume Purged	gal	0.5	0.7	1.8	1.1	1.55	1.7	0.7	1.8	0.7	0.7	1.5	1.4	1.8	0.9	1.2	2.3

Sample Location		RW-2								RW-3							
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	22-May-13	26-Mar-14	29-May-14	1-Jul-14	7-Aug-14	29-Oct-14	3-Feb-15	5-May-15
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	26-Mar-14	29-May-14	1-Jul-14	8-Aug-14	29-Oct-14	3-Feb-15	5-May-15	22-May-13	26-Mar-14	29-May-14	1-Jul-14	7-Aug-14	29-Oct-14	3-Feb-15	5-May-15
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Field Parameters	**Units**																
Conductivity	mS/cm	0.85	1.08	2.34	1.70	1.68	1.27	1.27	1.03	0.87	1.09	1.79	1.31	1.00	1.05	1.23	1.22
Dissolved Oxygen	mg/L	0.28	0.03	0.20	0.11	0.16	0.65	0.11	0.08	0.15	0.06	0.08	0.06	0.23	0.37	0.00	0.10
Oxidation Reduction Potential	mV	-30.3	156.8	-171.5	-172.0	-292.5	-286.4	-152.2	-326.1	87.3	157.6	-132.8	-213.0	-216.8	-242.2	-192.4	-320.7
pH	S.U.	7.36	7.11	6.94	7.56	6.93	7.52	7.61	7.09	7.39	7.07	7.45	7.67	7.35	7.71	7.48	7.20
Temperature	deg C	12.7	7.2	16.8	16.8	14.9	16.0	15.6	16.2	12.4	9.3	17.7	15.3	15	15.7	16.3	17.2
Turbidity	NTU	5.23	3.81	7.53	2.34	1.71	3.71	2.92	1.45	0.88	1.29	1.24	1.72	1.62	2.42	2.62	0.48
Volume Purged	gal	1.2	0.8	1.4	0.3	1.15	0.6	1.0	1.0	0.5	0.7	1.5	1.8	0.5	0.6	0.7	1.6

Sample Location		RW-4								RW-5							
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	21-May-13	27-Mar-14	29-May-14	2-Jul-14	7-Aug-14	28-Oct-14	3-Feb-15	4-May-15
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Volumetric[d]	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Bailer[d]	Peristaltic	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	21-May-13	27-Mar-14	29-May-14	2-Jul-14	7-Aug-14	28-Oct-14	3-Feb-15	4-May-15
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Bailer[d]	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Field Parameters	**Units**																
Conductivity	mS/cm	0.91	0.88	0.89	1.94	1.67	1.00	1.48	1.77	0.89	1.08	1.40	1.86	1.20	1.01	1.00	1.02
Dissolved Oxygen	mg/L	0.11	0.17	0.06	0.15	0.04	0.44	0.24	3.04	0.28	0.00	0.06	0.19	0.08	0.43	0.00	0.39
Oxidation Reduction Potential	mV	38.6	132.4	29.3	-180.2	-347	-130.3	-278.2	-175.5	-2.3	74.7	-95.6	-137.8	-170.0	-164.1	-269.2	-230.4
pH	S.U.	6.91	7.08	7.10	6.90	7.05	6.95	7.17	7.10	7.07	7.29	7.27	7.03	7.07	7.23	7.31	7.19
Temperature	deg C	20.0	2.4	25.5	17.4	19.2	14.8	7.4	9.8	16.2	5.7	22.8	17.3	19.9	17.5	5.2	11.6
Turbidity	NTU	5.68	5.81	1.72	3.18	1.93	1.06	2.01	10.25	2.98	1.22	7.10	1.88	3.89	1.77	3.60	6.21
Volume Purged	gal	0.8	1.8	0.9	1.9	1.1	2.1	2.7	5.4	1.1	3.2	0.5	1.2	1.5	0.8	1.4	0.9

See last page for Notes.

Table 1
Summary of Groundwater Field Parameters
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Sample Location		RW-6								RW-7							
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	20-May-13	27-Mar-14	28-May-14	1-Jul-14	7-Aug-14	28-Oct-14	4-Feb-15	4-May-15
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	20-May-13	27-Mar-14	28-May-14	1-Jul-14	7-Aug-14	28-Oct-14	4-Feb-15	4-May-15
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Field Parameters	**Units**																
Conductivity	mS/cm	0.93	1.07	1.72	1.34	1.30	1.21	1.08	1.01	1.02	1.21	1.30	1.17	1.07	0.96	1.16	1.08
Dissolved Oxygen	mg/L	0.08	0.01	0.07	0.10	0.14	0.42	0.28	0.08	0.08	0.38	0.31	0.13	0.11	0.44	0.39	0.07
Oxidation Reduction Potential	mV	-10.6	138.3	-69.0	-136.7	-306.1	-134.8	-304.1	-252.4	29.4	92.6	-37.6	-104.6	-303.6	-168.2	-224.3	-208.5
pH	S.U.	7.13	7.33	7.03	6.91	7.00	7.06	7.22	7.14	7.06	7.27	7.08	6.99	7.07	7.11	7.12	6.99
Temperature	deg C	19.0	6.1	17.6	21.2	17.2	16.7	6.8	10.4	16.8	6.7	20.3	18.4	16.3	17.5	7.9	10.6
Turbidity	NTU	7.08[a]	5.46	7.48	4.83	4.79	1.03	4.76	4.62	10.38	1.36	3.12	1.12	1.53	4.74	0.67	1.77
Volume Purged	gal	1.3	1.1	1.2	0.7	1.0	0.7	1.2	2.0	1.2	0.9	1.8	1.2	1.5	1.3	2.0	1.8

Sample Location		RW-8	RW-9							RW-11	
Purge Date		20-May-13	21-May-13	27-Mar-14	29-May-14	1-Jul-14	7-Aug-14	28-Oct-14	4-Feb-15	4-May-15	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
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Sample Date		20-May-13	21-May-13	27-Mar-14	29-May-14	1-Jul-14	7-Aug-14	28-Oct-14	4-Feb-15	4-May-15	22-May-13	27-Mar-14
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Field Parameters	**Units**											
Conductivity	mS/cm	1.04	0.94	1.05	0.68	0.74	0.85	0.98	1.03	0.97	0.79	0.82
Dissolved Oxygen	mg/L	1.06	2.48	2.45	5.52	2.37	2.43	0.50	0.45	0.61	2.36	1.62
Oxidation Reduction Potential	mV	77.0	49.4	104.6	28.1	33.9	51.0	4.1	-166.7	-34.3	94.5	88.8
pH	S.U.	7.05	7.13	7.29	7.44	7.12	7.06	7.04	7.12	6.99	7.15	7.33
Temperature	deg C	14.4	14.0	9.4	20.7	19.0	15.5	16.8	10.5	15.2	14.6	5.1
Turbidity	NTU	2.54	0.33	0.50	3.62	1.80	1.06	1.61	0.71	2.88	0.11[b]	1.31
Volume Purged	gal	1.0	0.8	1.2	0.7	0.35	0.7	2.9	1.5	1.6	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	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
Purge Method		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	20-May-13	27-Mar-14
Sampling Method		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	1.08	1.12
Dissolved Oxygen	mg/L	0.06	0.06	0.24	0.45	1.02	0.34	0.09	1.96	2.13
Oxidation Reduction Potential	mV	20.0	-149.5	-204.6	-159.7	-44.7	-284.1	-113.1	48.6	101.8
pH	S.U.	7.10	7.25	7.11	7.17	7.30	7.36	7.40	7.21	7.25
Temperature	deg C	16.0	24.1	17.4	18.1	14.8	6.8	12.4	17.2	6.0
Turbidity	NTU	— [c]	1.10	5.55	2.82	2.45	1.40	0.61	5.10	1.86
Volume Purged	gal	1.0	2.0	0.9	1.3	0.6	1.7	2.9	2.3	2.0

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.

Parameter Average for All Wells
Pre - Post Injection Comparison

	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*
Parameter	**Mar-14**	**May-14**	**Jul-14**	**Aug-14**	**Oct-14**	**Feb-15**	**May-15**
Conductivity	1.04	1.36	1.60	1.29	1.15	1.21	1.23
Dissolved Oxygen	0.55	0.57	0.33	0.34	0.56	0.15	0.40
ORP	117.55	-80.19	-173.91	-242.46	-172.97	-237.27	-220.33
pH	7.17	7.19	7.11	7.07	7.20	7.29	7.09
Temperature	6.45	20.04	17.28	16.95	16.03	11.03	13.53
Turbidity	3.76	3.46	2.74	2.49	2.64	2.17	2.77
Volume Purged	1.15	1.48	1.20	1.32	1.19	1.31	2.07

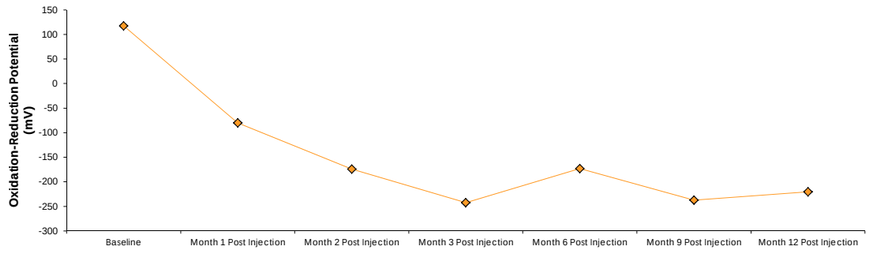

Table 2
Summary of Analytical Results in Groundwater
Former Carriage Factory
33 Litchfield Street, Rochester, NY

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
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
Sampling Company			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
Laboratory Work Order			E2314	E2314	E2342	141138	141138	142196	142794	143439	144730	150382	150382	151696	151696
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
Sample Type	Units	TOGS		Field Duplicate			Field Duplicate						Field Duplicate		Field Duplicate
General Chemistry															
Total Organic Carbon	µg/L	n/v	-	-	-	6000	4600	15200	146000	24600	7300	6500	6000	5400	5300
Metals															
Aluminum	µg/L	n/v	36.9	32.5	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3[B]	***12.5 U***	***12.5 U***	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25[B]	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
Barium	µg/L	1000[B]	62	69.6	-	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	3[A]	1.500 U	1.500 U	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5[B]	1.500 U	1.500 U	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	121000	132000	-	-	-	-	-	-	-	-	-	-	-
Chromium (Total)	µg/L	50[B]	2.500 U	2.500 U	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/L	n/v	7.500 U	7.500 U	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200[B]	5.000 U	5.000 U	-	-	-	-	-	-	-	-	-	-	-
Iron	µg/L	300.[B]	25.0 U	25.0 U	-	100 U	100 U	**4330[B]**	**9940[B]**	**6480[B]**	**10700[B]**	**13900[B]**	**13600[B]**	**10000[B]**	**10100[B]**
Lead	µg/L	25[B]	12.6	12.5	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35000[A]	30600	33100	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300.[B]	5.42 J	5.53 J	-	**694[B]**	**675[B]**	**1070[B]**	**2280[B]**	**1200[B]**	**1060[B]**	**844[B]**	**838[B]**	**945[B]**	**949[B]**
Mercury	µg/L	0.7[B]	0.200 U	0.200 U	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100[B]	2.52 J	10.0 U	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	9810	11100	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10[B]	5.92	4.23 J	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50[B]	2.500 U	2.500 U	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20000[B]	**24700[B]**	**27600[B]**	-	18500	18100	**41100[B]**	**169000[B]**	**83100 M[B]**	**63800[B]**	**58000[B]**	**58900[B]**	**49800[B]**	**50300[B]**
Thallium	µg/L	0.5[A]	***10.0 U***	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2000[A]	12.4	10.5	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds															
Acetone	µg/L	50[A]	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
Benzene	µg/L	1[B]	***5 U***	***5 U***	***5 U***	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.700 U	0.700 U
Bromodichloromethane	µg/L	50[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
Bromoform (Tribromomethane)	µg/L	50[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
Bromomethane (Methyl bromide)	µg/L	5[B]	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
Butylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	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
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	µg/L	5[B]	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5[B]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[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
Chloromethane	µg/L	5[B]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
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
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	***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***
Dibromochloromethane	µg/L	50[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
Dichlorobenzene, 1,2-	µg/L	3[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
Dichlorobenzene, 1,3-	µg/L	3[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
Dichlorobenzene, 1,4-	µg/L	3[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
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	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

See last page for notes.

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

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
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
Sampling Company			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
Laboratory Work Order			E2314	E2314	E2342	141138	141138	142196	142794	143439	144730	150382	150382	151696	151696
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
Sample Type	Units	TOGS		Field Duplicate			Field Duplicate						Field Duplicate		Field Duplicate
Volatile Organic Compounds (cont'd)															
Dichloroethane, 1,1-	µg/L	5$_{**}$[B]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,2-	µg/L	0.6[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***
Dichloroethene, 1,1-	µg/L	5$_{**}$[B]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	5$_{**}$[B]	5 U	5 U	**7.5[B]**	4.45	4.44	4.61	**7.04[B]**	**68.7[B]**	**7.01[B]**	2.00 U	2.00 U	4.10	4.11
Dichloroethene, trans-1,2-	µg/L	5$_{**}$[B]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropane, 1,2-	µg/L	1[B]	***5 U***	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Dichloropropene, cis-1,3-	µg/L	0.4$_p$[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***
Dichloropropene, trans-1,3-	µg/L	0.4$_p$[B]	***5 U***	***5 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 U***
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 U	20.0 U
Ethylbenzene	µg/L	5$_{**}$[B]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[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***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	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
Isopropylbenzene	µg/L	5$_{**}$[B]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5$_{**}$[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
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
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	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
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
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
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
Methylene Chloride (Dichloromethane)	µg/L	5$_{**}$[B]	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5$_{**}$[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5$_{**}$[B]	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5$_{**}$[B]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Tetrachloroethene (PCE)	µg/L	5$_{**}$[B]	1.6 J	1.2 J	**20.9[B]**	**24.4[B]**	**25.4[B]**	**20.6[B]**	**26.4[B]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Toluene	µg/L	5$_{**}$[B]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5$_{**}$[B]	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5$_{**}$[B]	5 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichloroethane, 1,1,1-	µg/L	5$_{**}$[B]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	1[B]	***5 U***	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Trichloroethene (TCE)	µg/L	5$_{**}$[B]	0.51 J	5 U	**14.9[B]**	**9.78[B]**	**10.2[B]**	**7.72[B]**	**15.3[B]**	2.09	2.00 U	2.00 U	2.00 U	2.38	2.42
Trichlorofluoromethane (Freon 11)	µg/L	5$_{**}$[B]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5$_{**}$[B]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5$_{**}$[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5$_{**}$[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2[B]	***5 U***	***5 U***	0.53 J	2.00 U	2.00 U	2.00 U	1.45 J	**4.49[B]**	**20.8[B]**	**11.7 NJ[B]**	**11.9[B]**	**11.0[B]**	**11.3[B]**
Xylene, m & p-	µg/L	5$_{**}$[B]	***10 U***	***10 U***	***10 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, o-	µg/L	5$_{**}$[B]	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
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
VOC Tentatively Identified Compounds															
Total VOC TICs	µg/L	n/v	2.5 U	2.5 U	2.5 U	-	-	-	-	-	-	-	-	-	-

See last page for notes.

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

Area			On-Site Parking Lot											
Sample Location						RW-4						RW-11		
Sample Date			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	14-Jun-12	22-May-13	27-Mar-14
Sample ID			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	RW-11	LI-RW-11-GW1	LI-RW-11
Sampling Company			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC
Laboratory			PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH
Laboratory Work Order			12:1770	E2342	141138	142196	142794	143439	144730	150382	151696	12:2523	E2342	141138
Laboratory Sample ID			12:1770-01	E2342-03	141138-04	142196-13	142794-10	143439-04	144730-04	150382-11	151696-04	12:2523-03	E2342-02	141138-09
Sample Type	**Units**	**TOGS**												
General Chemistry														
Total Organic Carbon	µg/L	n/v	-	-	-	8200	339000	63000	6900	5900	5400	-	-	-
Metals														
Aluminum	µg/L	n/v	-	43.8	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3[B]	-	***12.5 U***	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25[B]	-	5.000 U	-	-	-	-	-	-	-	-	-	-
Barium	µg/L	1000[B]	-	151	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	3[A]	-	1.500 U	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5[B]	-	1.500 U	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	141000	-	-	-	-	-	-	-	-	-	-
Chromium (Total)	µg/L	50[B]	-	2.500 U	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/L	n/v	-	7.500 U	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200[B]	-	5.000 U	-	-	-	-	-	-	-	-	-	-
Iron	µg/L	300.[B]	-	11.7 J	-	-	-	-	-	-	-	-	-	-
Lead	µg/L	25[B]	-	17	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35000[A]	-	29800	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300.[B]	-	**667 J[B]**	-	-	-	-	-	-	-	-	-	-
Mercury	µg/L	0.7[B]	-	0.200 U	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100[B]	-	6.32 J	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	17800	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10[B]	-	5.52	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50[B]	-	2.500 U N	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20000[B]	-	8750	-	**22300[B]**	**298000[B]**	**222000[B]**	**43500[B]**	**110000[B]**	**86900[B]**	-	-	-
Thallium	µg/L	0.5[A]	-	***10.0 U***	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	-	10.0 U	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2000[A]	-	18.2	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds														
Acetone	µg/L	50[A]	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	-	25 U	10.0 U
Benzene	µg/L	1[B]	0.700 UJ	***5 U***	1 U	1 U	1 U	1 U	1 U	1 U	0.700 U	-	***5 U***	1 U
Bromodichloromethane	µg/L	50[A]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U
Bromoform (Tribromomethane)	µg/L	50[A]	5.00 UJ	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5,,[B]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U
Butylbenzene, n-	µg/L	5,,[B]	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5,,[B]	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5,,[B]	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	2.00 UJ	5 U	2.00 U	2.00 U	3.04	3.64	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5,,[B]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U
Chlorobromomethane	µg/L	5,,[B]	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U Q	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5,,[B]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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[B]	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 U	5 U	2.00 U
Chloromethane	µg/L	5,,[B]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U
Cyclohexane	µg/L	n/v	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	5 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	-	***5 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	-	***5 U***	***10.0 U***
Dibromochloromethane	µg/L	50[A]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	3[B]	2.00 UJ	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***5 U***	2.00 U
Dichlorobenzene, 1,3-	µg/L	3[B]	2.00 UJ	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***5 U***	2.00 U
Dichlorobenzene, 1,4-	µg/L	3[B]	2.00 UJ	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***5 U***	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5,,[B]	-	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U

See last page for notes.

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

Area			On-Site Parking Lot											
Sample Location						RW-4						RW-11		
Sample Date			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	14-Jun-12	22-May-13	27-Mar-14
Sample ID			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	RW-11	LI-RW-11-GW1	LI-RW-11
Sampling Company			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC
Laboratory			PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH
Laboratory Work Order			12:1770	E2342	141138	142196	142794	143439	144730	150382	151696	12:2523	E2342	141138
Laboratory Sample ID			12:1770-01	E2342-03	141138-04	142196-13	142794-10	143439-04	144730-04	150382-11	151696-04	12:2523-03	E2342-02	141138-09
Sample Type	Units	TOGS												
Volatile Organic Compounds (cont'd)														
Dichloroethane, 1,1-	µg/L	5$_{**}$[B]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U
Dichloroethane, 1,2-	µg/L	0.6[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***	***5 U***	***2.00 U***
Dichloroethene, 1,1-	µg/L	5$_{**}$[B]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	5$_{**}$[B]	**23.1 J[B]**	**14.9[B]**	**6.41[B]**	**9.56[B]**	**13.4[B]**	**87.9[B]**	**47.3[B]**	**23.7[B]**	**14.8[B]**	2.00 U	5 U	2.00 U
Dichloroethene, trans-1,2-	µg/L	5$_{**}$[B]	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 U	5 U	2.00 U
Dichloropropane, 1,2-	µg/L	1[B]	***2.00 UJ***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***5 U***	***2.00 U***
Dichloropropene, cis-1,3-	µg/L	0.4$_{p}$[B]	***2.00 UJ***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***5 U***	***2.00 U***
Dichloropropene, trans-1,3-	µg/L	0.4$_{p}$[B]	***2.00 UJ***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***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 R	20.0 U	20.0 U	20.0 U	-	100 U R	20.0 U R
Ethylbenzene	µg/L	5$_{**}$[B]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	-	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	-	***5 U***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	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	-	25 U	5.00 U
Isopropylbenzene	µg/L	5$_{**}$[B]	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5$_{**}$[B]	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Acetate	µg/L	n/v	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	5.93	2.00 U	2.00 U	-	5 U	2.00 U
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	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	-	25 U	10.0 UJ
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	-	25 U	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	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 U	-	5 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5$_{**}$[B]	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 U	5 U	5.00 U
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5$_{**}$[B]	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5$_{**}$[B]	5.00 UJ	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5$_{**}$[B]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U
Tetrachloroethene (PCE)	µg/L	5$_{**}$[B]	**62.6 J[B]**	**55.8[B]**	**62.7[B]**	**76.0[B]**	**73.0[B]**	**54.5[B]**	**10.3[B]**	**9.17[B]**	**18.7[B]**	2.00 U	1.3 J	1.11 J
Toluene	µg/L	5$_{**}$[B]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5$_{**}$[B]	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5$_{**}$[B]	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U
Trichloroethane, 1,1,1-	µg/L	5$_{**}$[B]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	1[B]	***2.00 UJ***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***5 U***	***2.00 U***
Trichloroethene (TCE)	µg/L	5$_{**}$[B]	**21.4 J[B]**	**19.8[B]**	**10.3[B]**	**18.0[B]**	**20.4[B]**	**34.3[B]**	**13.7[B]**	**5.85[B]**	**8.94[B]**	2.00 U	5 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5$_{**}$[B]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5$_{**}$[B]	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5$_{**}$[B]	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5$_{**}$[B]	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	5.00 UJ	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2[B]	**3.86 J[B]**	1.8 J	1.72 J	2.00 U	**3.07[B]**	2.00 U	**28.4[B]**	**4.58 NJ[B]**	**5.15[B]**	2.00 U	***5 U***	2.00 U
Xylene, m & p-	µg/L	5$_{**}$[B]	2.00 UJ	***10 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	***10 U***	2.00 U
Xylene, o-	µg/L	5$_{**}$[B]	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U
Total VOC	µg/L	n/v	110.96	92.3	85.48	110.28	135.62	209.95	105.63	43.3	47.59	ND	1.3	1.11
VOC Tentatively Identified Compounds														
Total VOC TICs	µg/L	n/v	-	2.5 U	-	-	-	-	-	-	-	-	2.5 U	-

See last page for notes.

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

Area			On-Site Building																
Sample Location			B106MW								B108MW								
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	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
Sample ID			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-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
Sampling Company			STANTEC	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	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			E2363	141138	142196	142794	143439	144730	150382	151696	E2363	141138	142196	142196	142794	143439	144730	150382	151696
Laboratory Sample ID			E2363-03	141138-12	142196-06	142794-11	143439-11	144730-11	150382-06	151696-12	E2363-02	141138-13	142196-04	142196-05	142794-12	143439-12	144730-12	150382-07	151696-13
Sample Type	Units	TOGS												Field Duplicate					
General Chemistry																			
Total Organic Carbon	µg/L	n/v	-	-	188000	514000	77600	4000 J-	3100 J+	1500	-	3300	60300	60200	86100	72200	45000	18100 J	1700
Metals																			
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	66	-	-	-	-	-	-	-	-
Antimony	µg/L	3[B]	-	-	-	-	-	-	-	-	***12.5 U***	-	-	-	-	-	-	-	-
Arsenic	µg/L	25[B]	-	-	-	-	-	-	-	-	6.2	10 U	10 U	10 U	10 U	10 U	10 U	5.92 J	10.0 U
Barium	µg/L	1000[B]	-	-	-	-	-	-	-	-	54.9	-	-	-	-	-	-	-	-
Beryllium	µg/L	3[A]	-	-	-	-	-	-	-	-	1.500 U	-	-	-	-	-	-	-	-
Cadmium	µg/L	5[B]	-	-	-	-	-	-	-	-	0.7 J	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	97000	-	-	-	-	-	-	-	-
Chromium (Total)	µg/L	50[B]	-	-	-	-	-	-	-	-	2.500 U	-	-	-	-	-	-	-	-
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	7.500 U	-	-	-	-	-	-	-	-
Copper	µg/L	200[B]	-	-	-	-	-	-	-	-	4.16 J	-	-	-	-	-	-	-	-
Iron	µg/L	300.[B]	-	-	-	-	-	-	-	-	45.3	100 U	**1400[B]**	**978[B]**	**3520[B]**	**2480[B]**	**2350[B]**	**2660[B]**	**999[B]**
Lead	µg/L	25[B]	-	-	-	-	-	-	-	-	4.9	-	-	-	-	-	-	-	-
Magnesium	µg/L	35000[A]	-	-	-	-	-	-	-	-	23200	-	-	-	-	-	-	-	-
Manganese	µg/L	300.[B]	-	-	-	-	-	-	-	-	46.4 J	187	184	179	217	158	106	87.6	81.8
Mercury	µg/L	0.7[B]	-	-	-	-	-	-	-	-	0.200 U	-	-	-	-	-	-	-	-
Nickel	µg/L	100[B]	-	-	-	-	-	-	-	-	2.1 J	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	10500	-	-	-	-	-	-	-	-
Selenium	µg/L	10[B]	-	-	-	-	-	-	-	-	5.03	-	-	-	-	-	-	-	-
Silver	µg/L	50[B]	-	-	-	-	-	-	-	-	2.500 U	-	-	-	-	-	-	-	-
Sodium	µg/L	20000[B]	-	-	**162000[B]**	**375000[B]**	**185000[B]**	**59200[B]**	**50200[B]**	**40100[B]**	**26300[B]**	**33000[B]**	**103000[B]**	**101000[B]**	**100000 M[B]**	**115000[B]**	**82900[B]**	**130000[B]**	**42400[B]**
Thallium	µg/L	0.5[A]	-	-	-	-	-	-	-	-	***10.0 U***	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	10.0 U	-	-	-	-	-	-	-	-
Zinc	µg/L	2000[A]	-	-	-	-	-	-	-	-	8.94 J	-	-	-	-	-	-	-	-
Volatile Organic Compounds																			
Acetone	µg/L	50[A]	25 U	10.0 U	10.0 U	12.9	10.0 U	10.0 U	10.0 UJ	10.0 U	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
Benzene	µg/L	1[B]	***5 U***	1 U	1 U	0.842 J	0.391 J	1 U	1 U	0.700 U	***5 U***	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.700 U
Bromodichloromethane	µg/L	50[A]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	50[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 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5**[B]	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U
Butylbenzene, n-	µg/L	5**[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5**[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5**[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	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	5**[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	µg/L	5**[B]	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5**[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	5**[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Cyclohexane	µg/L	n/v	0.69 J	10.0 U	10.0 U	15.8	7.47 J	10.0 U	10.0 U	10.0 U	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	***5 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***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***
Dibromochloromethane	µg/L	50[A]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10.4	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	3[B]	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	3[B]	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	3[B]	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5**[B]	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	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

See last page for notes.

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

Area			On-Site Building																
Sample Location			B106MW								B108MW								
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	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
Sample ID			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-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
Sampling Company			STANTEC	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	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			E2363	141138	142196	142794	143439	144730	150382	151696	E2363	141138	142196	142196	142794	143439	144730	150382	151696
Laboratory Sample ID			E2363-03	141138-12	142196-06	142794-11	143439-11	144730-11	150382-06	151696-12	E2363-02	141138-13	142196-04	142196-05	142794-12	143439-12	144730-12	150382-07	151696-13
Sample Type	Units	TOGS												Field Duplicate					
Volatile Organic Compounds (cont'd)																			
Dichloroethane, 1,1-	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	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	0.6[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Dichloroethene, 1,1-	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	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	5[B]	**16.9[B]**	**6.89[B]**	**8.67[B]**	**28.4[B]**	**16.3[B]**	**40.4[B]**	**26.0[B]**	**10.2[B]**	**5.7[B]**	2.00 U	**11.0[B]**	**10.9[B]**	**23.2[B]**	4.99	1.96 J	1.87 J	1.49 J
Dichloroethene, trans-1,2-	µg/L	5[B]	1.4 J	2.00 U	2.00 U	3.84	1.61 J	2.00 U	2.00 U	2.00 U	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
Dichloropropane, 1,2-	µg/L	1[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Dichloropropene, cis-1,3-	µg/L	0.4$_p$[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Dichloropropene, trans-1,3-	µg/L	0.4$_p$[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 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 R	20.0 U	20.0 U	20.0 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
Ethylbenzene	µg/L	5[B]	5 U	2.00 U	2.00 U	1.79 J	1.20 J	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Isopropylbenzene	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	25 U	10.0 UJ	10.7	**151 J[A]**	31.6	10.0 UJ	10.0 UJ	10.0 U	25 U	10.0 UJ	13.9	12.8	41.5 J	**63.8[A]**	22.9 J	23.0 J	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	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
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylcyclohexane	µg/L	n/v	0.77 J	2.00 U	2.03	11.7	6.30	1.21 J	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5[B]	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5 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
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5[B]	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Tetrachloroethene (PCE)	µg/L	5[B]	**14.8[B]**	**21.7[B]**	**9.51[B]**	**11.7[B]**	**7.73[B]**	2.00 U	2.00 U	2.00 U	**15.9[B]**	**6.45[B]**	**10.1[B]**	**9.75[B]**	**10.7[B]**	**9.63[B]**	**10.4[B]**	**6.73[B]**	**14.4[B]**
Toluene	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5[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 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5[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 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichloroethane, 1,1,1-	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	1[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Trichloroethene (TCE)	µg/L	5[B]	**12[B]**	**8.27[B]**	**5.11[B]**	**9.44[B]**	**16.6[B]**	2.23	2.00 U	2.12	**8.5[B]**	1.05 J	4.17	4.15	4.21	1.65 J	4.04	2.93	2.72
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2[B]	**2.1 J[B]**	2.00 U	**2.84[B]**	**15.2[B]**	**7.60[B]**	**15.2[B]**	**12.8[B]**	**4.89[B]**	***5 U***	2.00 U	**2.75[B]**	**2.61[B]**	**10.2[B]**	**14.6[B]**	**4.23[B]**	2.00 U	2.00 U
Xylene, m & p-	µg/L	5[B]	***10 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, o-	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Total VOC	µg/L	n/v	48.66	36.86	38.86	262.612	96.801	59.04	38.8	17.21	30.1	12.43	41.92	40.21	97.89	104.53	53.93	42.46	18.61
VOC Tentatively Identified Compounds																			
Total VOC TICs	µg/L	n/v	2.5 U	-	-	-	-	-	-	-	2.5 U	-	-	-	-	-	-	-	-

See last page for notes.

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

Area			On-Site Building																
Sample Location			RW-1									RW-2							
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	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
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	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
Sampling Company			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:1239	E2363	141138	142196	142794	143439	144730	150382	151696	12:1239	E2314	141138	142196	142794	143439	144730	150382	151696
Laboratory Sample ID			12:1239-01	E2363-01	141138-01	142196-09	142794-08	143439-01	144730-01	150382-01	151696-01	12:1239-02	E2314-03	141138-02	142196-10	142794-07	143439-02	144730-02	150382-02	151696-02
Sample Type	Units	TOGS																		
General Chemistry																				
Total Organic Carbon	µg/L	n/v	-	-	-	1060000	415000	43500	103000	9900	4500	-	-	3200	553000	150000	259000	23900	9800	2700
Metals																				
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	64.5	-	-	-	-	-	-	-
Antimony	µg/L	3[B]	-	-	-	-	-	-	-	-	-	-	***12.5 U***	-	-	-	-	-	-	-
Arsenic	µg/L	25[B]	-	-	-	-	-	-	-	-	-	-	5.000 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U
Barium	µg/L	1000[B]	-	-	-	-	-	-	-	-	-	-	59.7 N	-	-	-	-	-	-	-
Beryllium	µg/L	3[A]	-	-	-	-	-	-	-	-	-	-	1.500 U	-	-	-	-	-	-	-
Cadmium	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	1.500 U	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	87300	-	-	-	-	-	-	-
Chromium (Total)	µg/L	50[B]	-	-	-	-	-	-	-	-	-	-	2.500 U	-	-	-	-	-	-	-
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	7.500 U	-	-	-	-	-	-	-
Copper	µg/L	200[B]	-	-	-	-	-	-	-	-	-	-	5.000 U	-	-	-	-	-	-	-
Iron	µg/L	300.[B]	-	-	-	-	-	-	-	-	-	-	169	300	**2220[B]**	**1210[B]**	**937[B]**	**1430[B]**	**498[B]**	**1850[B]**
Lead	µg/L	25[B]	-	-	-	-	-	-	-	-	-	-	9.61	-	-	-	-	-	-	-
Magnesium	µg/L	35000[A]	-	-	-	-	-	-	-	-	-	-	29500	-	-	-	-	-	-	-
Manganese	µg/L	300.[B]	-	-	-	-	-	-	-	-	-	-	**305 J[B]**	120	233	60.8	108	187	47.5	66.3
Mercury	µg/L	0.7[B]	-	-	-	-	-	-	-	-	-	-	0.200 U	-	-	-	-	-	-	-
Nickel	µg/L	100[B]	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	22600	-	-	-	-	-	-	-
Selenium	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	5.000 U N	-	-	-	-	-	-	-
Silver	µg/L	50[B]	-	-	-	-	-	-	-	-	-	-	2.500 U	-	-	-	-	-	-	-
Sodium	µg/L	20000[B]	-	-	-	**146000[B]**	**331000[B]**	**137000[B]**	**146000[B]**	**85700[B]**	**175000[B]**	-	**35600[B]**	**39100[B]**	**370000[B]**	**290000[B]**	**197000[B]**	**152000[B]**	**129000[B]**	**60600[B]**
Thallium	µg/L	0.5[A]	-	-	-	-	-	-	-	-	-	-	***10.0 U***	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-	-	-	-	-
Zinc	µg/L	2000[A]	-	-	-	-	-	-	-	-	-	-	14.6	-	-	-	-	-	-	-
Volatile Organic Compounds																				
Acetone	µg/L	50[A]	10.0 U	25 U	10.0 U	10.0 U	10.0 U	10.0 U	15.2	10.0 UJ	10.0 U	10.0 U	**160[A]**	10.0 U	32.4	19.4	9.47 J	10.0 U	10.0 UJ	10.0 U
Benzene	µg/L	1[B]	0.700 U	0.49 NJ	1 U	1 U	1 U	1 U	0.561 J	1 U	0.700 U	0.700 U	***5 U***	1 U	1 U	1 U	1 U	1 U	1 U	0.700 U
Bromodichloromethane	µg/L	50[A]	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	50[A]	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5[B]	2.00 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U
Butylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	µg/L	5[B]	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5[B]	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	-	-	-	-	-	-	-	-	10.0 U R	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[B]	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.67 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	5[B]	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	-	***5 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	-	***5 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***
Dibromochloromethane	µg/L	50[A]	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	3[B]	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***5 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	3[B]	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***5 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	3[B]	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	-	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U

See last page for notes.

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

Area			On-Site Building																
Sample Location			RW-1									RW-2							
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	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
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	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
Sampling Company			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:1239	E2363	141138	142196	142794	143439	144730	150382	151696	12:1239	E2314	141138	142196	142794	143439	144730	150382	151696
Laboratory Sample ID			12:1239-01	E2363-01	141138-01	142196-09	142794-08	143439-01	144730-01	150382-01	151696-01	12:1239-02	E2314-03	141138-02	142196-10	142794-07	143439-02	144730-02	150382-02	151696-02
Sample Type	Units	TOGS																		
Volatile Organic Compounds (cont'd)																				
Dichloroethane, 1,1-	µg/L	5[B]	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 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	0.6[B]	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***5 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	5[B]	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 J	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	5[B]	**6.88[B]**	**14.5[B]**	**5.57[B]**	4.53	4.71	**8.12[B]**	2.00 U	2.00 U	2.00 U	**26.6[B]**	**360 D[B]**	**38.8[B]**	**55.7[B]**	**51.3[B]**	**23.6[B]**	**87.7[B]**	4.37	2.00 U
Dichloroethene, trans-1,2-	µg/L	5[B]	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	2.43	**11.4[B]**	2.39	3.06	2.50	3.57	**12.8[B]**	2.00 U	1.17 J
Dichloropropane, 1,2-	µg/L	1[B]	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***5 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	0.4$_p$[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***	***5 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	0.4$_p$[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***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 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 R	20.0 U	20.0 U	20.0 U	-	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 U
Ethylbenzene	µg/L	5[B]	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	-	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	-	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	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	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Isopropylbenzene	µg/L	5[B]	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	3.03 NJ	2.00 U	2.00 U
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	10.0 U	25 U	10.0 UJ	6.42 J	**87.3 J[A]**	9.42 NJ	**57.3 J[A]**	10.0 UJ	10.0 U	10.0 U	**110[A]**	10.0 UJ	**175 NJ[A]**	29.3 J	38.1	10.2 J	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	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.4 J	1.08 J	1.61 NJ	2.00 U	1.92 J	2.00 U	2.00 U	2.00 U
Methylcyclohexane	µg/L	n/v	-	3.1 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5[B]	5.00 U	5 U	2.84 JB	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5 U	3.76 JB	5.00 U	5.00 U	5.00 U	**7.55[B]**	5.00 U	5.00 U
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5[B]	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5[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	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Tetrachloroethene (PCE)	µg/L	5[B]	**6.72[B]**	3.6 J	**5.35[B]**	**10.1[B]**	**6.14[B]**	2.65	2.00 U	2.00 U	2.00 U	2.00 U	**110[B]**	4.44	3.08	1.42 J	2.00 U	2.00 U	2.00 U	2.00 U
Toluene	µg/L	5[B]	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5[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 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5[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 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichloroethane, 1,1,1-	µg/L	5[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	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	1[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***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Trichloroethene (TCE)	µg/L	5[B]	**7.15[B]**	**8.1[B]**	4.02	**6.09[B]**	4.52	**5.49[B]**	2.00 U	2.00 U	2.00 U	**9.19[B]**	**76.4[B]**	**27.6[B]**	**21.5[B]**	**6.31[B]**	2.39	1.05 J	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	5.00 U	-	-	-	-	-	-	-	-	5.00 U	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2[B]	**3.99[B]**	**7.7[B]**	2.00 U	1.45 NJ	**4.61 NJ[B]**	**5.29 NJ[B]**	2.00 U	2.00 U	**2.98[B]**	2.00 U	**5.9[B]**	1.24 J	1.64 NJ	**7.48[B]**	**56.4[B]**	**23.9 NJ[B]**	1.17 NJ	1.26 J
Xylene, m & p-	µg/L	5[B]	2.00 U	***10 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, o-	µg/L	5[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	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Total VOC	µg/L	n/v	24.74	46.19	17.78	28.59	108.31	30.97	74.40	1.43	2.98	38.22	837.77	79.31	293.99	117.71	135.45	146.23	5.54	2.43
VOC Tentatively Identified Compounds																				
Total VOC TICs	µg/L	n/v	-	4.900 J	-	-	-	-	-	-	-	-	770.000 J	-	-	-	-	-	-	-

See last page for notes.

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

Area			On-Site Building									Off-Site Locations								
Sample Location			RW-3									RW-5								
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	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
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	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
Sampling Company			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:1239	E2342	141138	142196	142794	143439	144730	150382	151696	12:1770	E2314	141138	142196	142794	143439	144730	150382	151696
Laboratory Sample ID			12:1239-03	E2342-01	141138-03	142196-11	142794-06	143439-03	144730-03	150382-03	151696-03	12:1770-02	E2314-06	141138-05	142196-14	142794-13	143439-05	144730-05	150382-04	151696-05
Sample Type	Units	TOGS																		
General Chemistry																				
Total Organic Carbon	µg/L	n/v	-	-	-	229000	87900	12700	11000	10300	6100	-	-	3300	141000	299000	86700	8700	4600 J+	2200
Metals																				
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25[B]	-	-	-	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U
Barium	µg/L	1000[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	3[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (Total)	µg/L	50[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	µg/L	300.[B]	-	-	-	-	-	-	-	-	-	-	-	100 U	**2500[B]**	**6250[B]**	**6000[B]**	**4420[B]**	**4760[B]**	**9910[B]**
Lead	µg/L	25[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35000[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300.[B]	-	-	-	-	-	-	-	-	-	-	-	69.2	69.1	102	60.4 B	47.8	25.7	29.8
Mercury	µg/L	0.7[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20000[B]	-	-	-	**252000[B]**	**199000[B]**	**103000[B]**	**125000[B]**	**120000[B]**	**85300[B]**	-	-	**39500[B]**	**242000[B]**	**312000[B]**	**164000[B]**	**85200[B]**	**66600[B]**	**44600[B]**
Thallium	µg/L	0.5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2000[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds																				
Acetone	µg/L	50[A]	10.0 U	25 U	10.0 U	**132[A]**	43.2 J	47.6 J	10.0 U	10.0 UJ	10.0 U	10.0 UJ	2.6 J	10.0 U	10.0 U	7.44 J	10.0 U	10.0 U	10.0 UJ	10.0 U
Benzene	µg/L	1[B]	0.700 U	***5 U***	1 U	***5 U***	1 U	1 U	1 U	1 U	0.700 U	**1.13 J[B]**	***5 U***	1 U	0.737 J	0.358 J	1 U	0.507 J	1 U	0.700 U
Bromodichloromethane	µg/L	50[A]	2.00 U	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	50[A]	5.00 U	5 U	5.00 U	25.0 U	25.0 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5,,[B]	2.00 U	5 U	2.00 U	***10.0 U***	***10.0 UJ***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U
Butylbenzene, n-	µg/L	5,,[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5,,[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5,,[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	2.00 U	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	2.00 U	5 U	2.00 U	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 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	5,,[B]	2.00 U	5 U	2.00 U	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	µg/L	5,,[B]	-	5 U	5.00 U	***25.0 U***	***25.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5,,[B]	2.00 U	5 U	2.00 U	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	-	-	-	-	-	-	-	-	10.0 U R	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[B]	3.78	3.9 J	2.00 U	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	5,,[B]	2.00 U	5 U	2.00 U	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Cyclohexane	µg/L	n/v	-	5 U	10.0 U	50.0 U	50.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	-	***5 U***	***10.0 U***	***50.0 U***	***50.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	-	***5 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[A]	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	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	3[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	***5 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	3[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	***5 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	3[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	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5,,[B]	-	5 U	2.00 U	***10.0 U***	***10.0 UJ***	2.00 U	2.00 U	2.00 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

See last page for notes.

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

Area			On-Site Building									Off-Site Locations								
Sample Location			RW-3									RW-5								
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	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
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	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
Sampling Company			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:1239	E2342	141138	142196	142794	143439	144730	150382	151696	12:1770	E2314	141138	142196	142794	143439	144730	150382	151696
Laboratory Sample ID			12:1239-03	E2342-01	141138-03	142196-11	142794-06	143439-03	144730-03	150382-03	151696-03	12:1770-02	E2314-06	141138-05	142196-14	142794-13	143439-05	144730-05	150382-04	151696-05
Sample Type	Units	TOGS																		
Volatile Organic Compounds (cont'd)																				
Dichloroethane, 1,1-	µg/L	5[B]	2.00 U	5 U	2.00 U	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 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	0.6[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***	***5 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	5[B]	2.00 U	5 U	2.00 U	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 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	5[B]	**81.8[B]**	**130[B]**	3.77	**30.1[B]**	**90.5[B]**	**143[B]**	3.35	1.40 J	1.23 J	**49.5 J[B]**	**18.2[B]**	**7.64[B]**	**32.7[B]**	**45.7[B]**	**46.0[B]**	**132[B]**	**8.81[B]**	4.52
Dichloroethene, trans-1,2-	µg/L	5[B]	**10.2[B]**	**18.8[B]**	2.00 U	***10.0 U***	**7.12 J[B]**	3.16	4.47	**6.02[B]**	3.63	**5.63 J[B]**	2.2 J	1.10 J	2.92	1.89 J	1.32 J	3.78	2.00 U	2.00 U
Dichloropropane, 1,2-	µg/L	1[B]	***2.00 U***	***5 U***	***2.00 U***	***10.0 U***	***10.0 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***5 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	0.4$_p$[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***	***5 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	0.4$_p$[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***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***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 U	-	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 U
Ethylbenzene	µg/L	5[B]	2.00 U	5 U	2.00 U	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	-	***5 U***	***2.00 U***	***10.0 U***	***10.0 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	-	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	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	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Isopropylbenzene	µg/L	5[B]	-	5 U	2.00 U	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	10.0 U	25 U	10.0 UJ	**404[A]**	**139 J[A]**	**60.0[A]**	10.0 UJ	10.0 UJ	10.0 U	10.0 UJ	25 U	10.0 UJ	10.0 U	43.1 J	10.8	10.0 UJ	10.0 UJ	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	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	-	7.1	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	3.43	2.12	-	1.3 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylcyclohexane	µg/L	n/v	-	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5[B]	5.00 U	5 U	4.04 JB	***25.0 U***	***25.0 U***	5.00 U	**6.12[B]**	5.00 U	5.00 U	5.00 UJ	5 U	4.53 JB	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5[B]	5.00 U	5 U	5.00 U	***25.0 U***	***25.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5[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	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Tetrachloroethene (PCE)	µg/L	5[B]	2.81	**7.8[B]**	2.36	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	**12.2 J[B]**	**5.6[B]**	2.75	**11.2[B]**	2.44	2.00 U	2.00 U	2.00 U	2.00 U
Toluene	µg/L	5[B]	2.00 U	5 U	2.00 U	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5[B]	-	5 U	5.00 U	***25.0 U***	***25.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5[B]	-	5 U	5.00 U	***25.0 U***	***25.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichloroethane, 1,1,1-	µg/L	5[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	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	1[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***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Trichloroethene (TCE)	µg/L	5[B]	**125[B]**	**320 D[B]**	**10.5[B]**	**83.9[B]**	**36.6[B]**	2.00 U	2.00 U	2.00 U	1.04 J	**48.5 J[B]**	**25.2[B]**	**6.65[B]**	**40.0[B]**	**14.2[B]**	1.10 J	2.76	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	2.00 U	5 U	2.00 U	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	-	5 U	2.00 U	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	5.00 U	-	-	-	-	-	-	-	-	5.00 UJ	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2[B]	2.00 U	**3 J[B]**	2.00 U	***10.0 U***	**18.1[B]**	**10.1 NJ[B]**	**22.5[B]**	**4.14 NJ[B]**	**4.41[B]**	**2.93 J[B]**	0.6 J	2.00 U	2.00 U	1.28 NJ	**3.76[B]**	**12.8[B]**	**2.30 NJ[B]**	1.61 J
Xylene, m & p-	µg/L	5[B]	2.00 U	***10 U***	2.00 U	***10.0 U***	***10.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	***10 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, o-	µg/L	5[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	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Total VOC	µg/L	n/v	223.59	490.6	20.67	650	334.52	263.86	39.31	14.99	12.43	119.89	55.7	22.67	87.557	116.408	62.98	151.85	11.11	6.13
VOC Tentatively Identified Compounds																				
Total VOC TICs	µg/L	n/v	-	2.5 U	-	-	-	-	-	-	-	-	5.500 J	-	-	-	-	-	-	-

See last page for notes.

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

Area			Off-Site Locations																		
Sample Location			RW-6														RW-7				
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	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
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	RW-7	LI-RW-7-GW1	LI-RW-7	LI-RW-7-PI1	LI-RW-7-PI2	LI-RW-7-PI3	LI-RW7-PI6	LI-RW-7-PI9	LI-RW-7-PI12
Sampling Company			DECI	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:1770	12:1927	E2301	141138	142196	142794	143439	143439	144730	150382	151696	12:2486	E2301	141138	142196	142794	143439	144730	150382	151696
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	12:2486-02	E2301-02	141138-07	142196-01	142794-02	143439-07	144730-07	150382-10	151696-07
Sample Type	Units	TOGS								Field Duplicate												
General Chemistry																						
Total Organic Carbon	µg/L	n/v	-	-	-	3400	360000	96600	99700	102000	62900	14000	3000	-	-	-	86900	7500	11500	8800	2500 J+	3100
Metals																						
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25[B]	-	-	-	10 U	10 U	10 U	10 U	-	10 U	10 U	10.0 U	-	-	-	-	-	-	-	-	-
Barium	µg/L	1000[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	3[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (Total)	µg/L	50[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	µg/L	300.[B]	-	-	-	**318[B]**	**1140[B]**	**1740[B]**	**850[B]**	-	**1820[B]**	**1480[B]**	**864[B]**	-	-	-	-	-	-	-	-	-
Lead	µg/L	25[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35000[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300.[B]	-	-	-	25.9	66.9	53.5	35.9	-	38.7	34.7	30.9	-	-	-	-	-	-	-	-	-
Mercury	µg/L	0.7[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20000[B]	-	-	-	**37800[B]**	**266000[B]**	**167000[B]**	**163000[B]**	**178000[B]**	**149000[B]**	**91700[B]**	**68800[B]**	-	-	-	**126000[B]**	**85200[B]**	**85600[B]**	**77500[B]**	**67100[B]**	**49900[B]**
Thallium	µg/L	0.5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2000[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds																						
Acetone	µg/L	50[A]	10.0 UJ	***100 UJ***	4.2 J	***200 U***	***200 U***	10.0 U	***500 U***	***500 U***	***500 U***	50.0 UJ	50.0 U	-	25 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U
Benzene	µg/L	1[B]	0.700 UJ	***7.00 U***	***5 U***	***20 U***	***20 U***	1 U	***50 U***	***50 U***	***50 U***	***5 U***	***3.50 U***	-	***5 U***	1 U	1 U	1 U	1 U	1 U	1 U	0.700 U
Bromodichloromethane	µg/L	50[A]	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	***100 U***	***100 U***	***100 U***	10.0 U	10.0 U	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
Bromoform (Tribromomethane)	µg/L	50[A]	5.00 UJ	50.0 U	5 U	***100 U***	***100 U***	5.00 U	***250 UJ***	***250 UJ***	***250 U***	25.0 U	25.0 U	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
Bromomethane (Methyl bromide)	µg/L	5[B]	2.00 UJ	***20.0 U***	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	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
Butylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	***100 U***	***100 U***	***100 U***	10.0 U	10.0 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	2.00 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***	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
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	2.00 UJ	***20.0 U***	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	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
Chlorobromomethane	µg/L	5[B]	-	-	5 U	***100 U***	***100 U***	5.00 U	***250 U***	***250 U***	***250 U***	***25.0 U***	***25.0 U***	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5[B]	2.00 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***	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
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	100 U R	-	-	-	-	-	-	-	-	-	10.0 U R	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[B]	2.00 UJ	***20.0 U***	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	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
Chloromethane	µg/L	5[B]	2.00 UJ	***20.0 U***	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	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
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	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	-	-	***5 U***	***200 U***	***200 U***	***10.0 U***	***500 U***	***500 U***	***500 U***	***50.0 U***	***50.0 U***	-	***5 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***
Dibromochloromethane	µg/L	50[A]	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	***100 UJ***	***100 UJ***	***100 U***	10.0 U	10.0 U	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
Dichlorobenzene, 1,2-	µg/L	3[B]	2.00 UJ	***20.0 U***	***5 U***	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	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
Dichlorobenzene, 1,3-	µg/L	3[B]	2.00 UJ	***20.0 U***	***5 U***	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	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
Dichlorobenzene, 1,4-	µg/L	3[B]	2.00 UJ	***20.0 U***	***5 U***	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	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
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	-	-	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	-	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U

See last page for notes.

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

Area			Off-Site Locations																		
Sample Location			RW-6														RW-7				
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	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
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	RW-7	LI-RW-7-GW1	LI-RW-7	LI-RW-7-PI1	LI-RW-7-PI2	LI-RW-7-PI3	LI-RW7-PI6	LI-RW-7-PI9	LI-RW-7-PI12
Sampling Company			DECI	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:1770	12:1927	E2301	141138	142196	142794	143439	143439	144730	150382	151696	12:2486	E2301	141138	142196	142794	143439	144730	150382	151696
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	12:2486-02	E2301-02	141138-07	142196-01	142794-02	143439-07	144730-07	150382-10	151696-07
Sample Type	Units	TOGS								Field Duplicate												
Volatile Organic Compounds (cont'd)																						
Dichloroethane, 1,1-	µg/L	5$_{ns}^{B}$	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***	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
Dichloroethane, 1,2-	µg/L	0.6^{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***	***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***
Dichloroethane, 1,1-	µg/L	5$_{ns}^{B}$	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***	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
Dichloroethene, cis-1,2-	µg/L	5$_{ns}^{B}$	**59.8 J^{B}**	**63.1^{B}**	**47.3^{B}**	**81.9^{B}**	**670^{B}**	**86.7^{B}**	**3980^{B}**	**4070^{B}**	**2730^{B}**	**687^{B}**	**373^{B}**	4.28	**8.2^{B}**	2.35	2.65	2.43	2.96	4.44	1.33 J	2.00 U
Dichloroethene, trans-1,2-	µg/L	5$_{ns}^{B}$	2.00 UJ	***20.0 U***	1.1 J	***40.0 U***	**76.1^{B}**	3.31	**76.6 J^{B}**	**77.6 J^{B}**	***100 U***	**6.64 J^{B}**	**6.18 J^{B}**	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
Dichloropropane, 1,2-	µg/L	1^{B}	***2.00 UJ***	***20.0 U***	***5 U***	***40.0 U***	***40.0 U***	***2.00 U***	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***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***
Dichloropropene, cis-1,3-	µg/L	0.4$_{p}^{B}$	***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***	***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***
Dichloropropene, trans-1,3-	µg/L	0.4$_{p}^{B}$	***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***	***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***
Dioxane, 1,4-	µg/L	n/v	-	-	100 U R	400 U R	400 U R	20.0 U R	1000 U R	1000 U R	1000 U	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	20.0 U	20.0 U
Ethylbenzene	µg/L	5$_{ns}^{B}$	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***	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006^{B}	-	-	***5 U***	***40.0 U***	***40.0 U***	***2.00 U***	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	-	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50^{A}	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 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Isopropylbenzene	µg/L	5$_{ns}^{B}$	-	-	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5$_{ns}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methyl Ethyl Ketone (MEK)	µg/L	50^{A}	10.0 UJ	***100 U***	25 U	***200 UJ***	***200 U***	13.3 J	***500 U***	***500 U***	***500 UJ***	50.0 UJ	50.0 U	-	25 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 UJ	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 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10^{A}	-	-	2.1 J	***40.0 U***	***40.0 U***	1.03 J	***100 U***	***100 U***	***100 U***	10.0 U	10.0 U	-	1.8 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylcyclohexane	µg/L	n/v	-	-	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5$_{ns}^{B}$	5.00 UJ	***50.0 UJ***	5 U	***100 U***	**56.8 J^{B}**	5.00 U	***250 U***	***250 U***	***250 U***	***25.0 U***	***25.0 U***	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
Naphthalene	µg/L	10^{B}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5$_{ns}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5$_{ns}^{B}$	5.00 UJ	***50.0 U***	5 U	***100 U***	***100 U***	5.00 U	***250 U***	***250 U***	***250 U***	***25.0 U***	***25.0 U***	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5$_{ns}^{B}$	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***	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
Tetrachloroethene (PCE)	µg/L	5$_{ns}^{B}$	**881 J^{B}**	**732^{B}**	**880 D^{B}**	**3380^{B}**	**84.6^{B}**	3.26	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	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
Toluene	µg/L	5$_{ns}^{B}$	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***	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5$_{ns}^{B}$	-	-	5 U	***100 U***	***100 U***	5.00 U	***250 U***	***250 U***	***250 U***	***25.0 U***	***25.0 U***	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5$_{ns}^{B}$	-	-	5 U	***100 U***	***100 U***	5.00 U	***250 U***	***250 U***	***250 U***	***25.0 U***	***25.0 U***	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichloroethane, 1,1,1-	µg/L	5$_{ns}^{B}$	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***	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
Trichloroethane, 1,1,2-	µg/L	1^{B}	***2.00 UJ***	***20.0 U***	***5 U***	***40.0 U***	***40.0 U***	***2.00 U***	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***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***
Trichloroethene (TCE)	µg/L	5$_{ns}^{B}$	**112 J^{B}**	**93.2^{B}**	**140^{B}**	**283^{B}**	**752^{B}**	**35.8^{B}**	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	2.00 U	**5.8^{B}**	2.85	2.99	3.05	3.12	2.00 U	2.00 U	1.29 J
Trichlorofluoromethane (Freon 11)	µg/L	5$_{ns}^{B}$	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***	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
Trichlorotrifluoroethane (Freon 113)	µg/L	5$_{ns}^{B}$	-	-	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5$_{ns}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5$_{ns}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	5.00 UJ	50.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2^{B}	2.00 UJ	***20.0 U***	0.52 NJ	***40.0 U***	***40.0 U***	2.00 U	**115^{B}**	**116^{B}**	**868^{B}**	**455^{B}**	**367^{B}**	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	**4.58 NJ^{B}**	**5.43^{B}**	**2.87^{B}**
Xylene, m & p-	µg/L	5$_{ns}^{B}$	2.00 UJ	***20.0 U***	***10 U***	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	-	***10 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, o-	µg/L	5$_{ns}^{B}$	2.00 UJ	***20.0 UJ***	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Total VOC	µg/L	n/v	1052.8	888.3	1075.22	3744.9	1639.5	143.4	4171.6	4263.6	3598	1148.64	746.18	4.28	17.48	5.2	5.64	5.48	6.08	9.02	6.76	4.16
VOC Tentatively Identified Compounds																						
Total VOC TICs	µg/L	n/v	-	-	5.800 J	-	-	-	-	-	-	-	-	-	2.5 U	-	-	-	-	-	-	-

See last page for notes.

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

Area			Off-Site Locations																			
Sample Location			RW-8		RW-9											RW-12							
Sample Date			14-Jun-12	20-May-13	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	8-Jun-12	20-May-13	28-May-14	2-Jul-14	7-Aug-14	29-Oct-14	4-Feb-15	4-May-15
Sample ID			RW-8	LI-RW-8-GW1	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	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
Sampling Company			DECI	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	CCGE	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:2523	E2301	12:2431	E2314	141138	142196	142794	142794	143439	144730	144730	150382	151696	12:2431	E2301	142196	142794	143439	144730	150382	151696
Laboratory Sample ID			12:2523-01	E2301-03	12:2431-01	E2314-07	141138-08	142196-12	142794-04	142794-05	143439-08	144730-08	144730-13	150382-12	151696-08	12:2431-02	E2301-04	142196-03	142794-14	143439-09	144730-09	150382-08	151696-09
Sample Type	Units	TOGS								Field Duplicate			Field Duplicate										
General Chemistry																							
Total Organic Carbon	µg/L	n/v	-	-	-	-	2000	2000	2500	2100	2100	2000 J-	2000 J-	2400 J+	1700	-	-	103000	186000	44800	5700	33900	6200
Metals																							
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25[B]	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	-	-	-	-	-	-	-	-
Barium	µg/L	1000[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	3[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (Total)	µg/L	50[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	µg/L	300.[B]	-	-	-	-	100 U	91.9 J	129	91.0 J	86.4 J	100 U	100 U	68.3 J	76.5 J	-	-	-	-	-	-	-	-
Lead	µg/L	25[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35000[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300.[B]	-	-	-	-	15 U	19.8	98.1	94.4	220	153	161	284	214	-	-	-	-	-	-	-	-
Mercury	µg/L	0.7[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20000[B]	-	-	-	-	**38100[B]**	**25200[B]**	**29000[B]**	**28800[B]**	**27700[B]**	**39100[B]**	**38600[B]**	**41600[B]**	**32000[B]**	-	-	**200000[B]**	**255000[B]**	**282000[B]**	**193000[B]**	**167000[B]**	**213000[B]**
Thallium	µg/L	0.5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2000[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds																							
Acetone	µg/L	50[A]	-	25 U	-	25 U	10.0 U	6.70 J	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	-	25 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U
Benzene	µg/L	1[B]	-	***5 U***	-	***5 U***	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.700 U	-	***5 U***	1 U	1 U	1 U	1 U	1 U	0.700 U
Bromodichloromethane	µg/L	50[A]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	50[A]	5.00 U	5 U	5.00 U	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 U	5 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5[B]	2.00 UJ	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U
Butylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	-	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	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	2.00 UJ	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	µg/L	5[B]	-	5 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5[B]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	-	10.0 U R	-	-	-	-	-	-	-	-	-	-	10.0 U R	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[B]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	5[B]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Cyclohexane	µg/L	n/v	-	5 UJ	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	5 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	-	***5 U***	-	***5 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	-	***5 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***
Dibromochloromethane	µg/L	50[A]	2.00 U	5 U	2.00 U	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 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	3[B]	2.00 U	***5 U***	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	3[B]	2.00 U	***5 U***	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	3[B]	2.00 U	***5 U***	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	-	5 U	-	5 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U

See last page for notes.

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

Area			Off-Site Locations																			
Sample Location			RW-8		RW-9											RW-12						
Sample Date			14-Jun-12	20-May-13	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	8-Jun-12	20-May-13	28-May-14	2-Jul-14	7-Aug-14	29-Oct-14	4-Feb-15	4-May-15
Sample ID			RW-8	LI-RW-8-GW1	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	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
Sampling Company			DECI	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	CCGE	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:2523	E2301	12:2431	E2314	141138	142196	142794	142794	143439	144730	144730	150382	151696	12:2431	E2301	142196	142794	143439	144730	150382	151696
Laboratory Sample ID			12:2523-01	E2301-03	12:2431-01	E2314-07	141138-08	142196-12	142794-04	142794-05	143439-08	144730-08	144730-13	150382-12	151696-08	12:2431-02	E2301-04	142196-03	142794-14	143439-09	144730-09	150382-08	151696-09
Sample Type	Units	TOGS								Field Duplicate			Field Duplicate										
Volatile Organic Compounds (cont'd)																							
Dichloroethane, 1,1-	µg/L	5** [B]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,2-	µg/L	0.6 [B]	*2.00 UJ*	*5 U*	*2.00 U*	*5 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*5 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*
Dichloroethane, 1,1-	µg/L	5** [B]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	5** [B]	**6.50** [B]	**17.8** [B]	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	**24.5** [B]	**26.5** [B]	**79.5** [B]	**118** [B]	**36.2** [B]	**6.01** [B]	**20.9** [B]	**5.24** [B]
Dichloroethene, trans-1,2-	µg/L	5** [B]	2.00 U	2.1 J	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.2 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropane, 1,2-	µg/L	1 [B]	*2.00 U*	*5 U*	*2.00 U*	*5 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*5 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	0.4$_p$ [B]	*2.00 U*	*5 U*	*2.00 U*	*5 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*5 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	0.4$_p$ [B]	*2.00 U*	*5 U*	*2.00 U*	*5 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*5 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*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 R	20.0 U	20.0 U	20.0 U	20.0 U	-	100 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U	20.0 U	20.0 U
Ethylbenzene	µg/L	5** [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 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006 [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 U*	*2.00 U*	-	*5 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50 [A]	-	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	-	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Isopropylbenzene	µg/L	5** [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 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5** [B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methyl Ethyl Ketone (MEK)	µg/L	50 [A]	-	25 U	-	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	-	25 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	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 U	5.00 U	-	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10 [A]	-	3.3 J	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	0.85 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylcyclohexane	µg/L	n/v	-	5 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5** [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 U	5.00 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Naphthalene	µg/L	10 [B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5** [B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5** [B]	-	5 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5** [B]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Tetrachloroethene (PCE)	µg/L	5** [B]	2.00 U	4.3 J	**11.3** [B]	**8.5** [B]	3.04	3.58	4.10	4.11	3.20	3.28	3.40	2.67	2.13	2.71	4.9 J	**5.52** [B]	4.37	2.78	4.74	**7.82** [B]	2.79
Toluene	µg/L	5** [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 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5** [B]	-	5 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 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5** [B]	-	5 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichloroethane, 1,1,1-	µg/L	5** [B]	2.00 U	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	1 [B]	*2.00 U*	*5 U*	*2.00 U*	*5 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*5 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*	*2.00 U*
Trichloroethene (TCE)	µg/L	5** [B]	**7.59** [B]	**20.7** [B]	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	**6.80** [B]	**15** [B]	**25.1** [B]	**29.8** [B]	4.38	**7.10** [B]	**14.5** [B]	4.85
Trichlorofluoromethane (Freon 11)	µg/L	5** [B]	2.00 UJ	5 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5** [B]	-	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	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5** [B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5** [B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2 [B]	2.00 U	0.63 NJ	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	0.55 J	2.00 U	1.17 J	**2.27** [B]	2.00 U	**2.28 NJ** [B]	2.00 U
Xylene, m & p-	µg/L	5** [B]	-	*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	-	*10 U*	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, o-	µg/L	5** [B]	-	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	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Total VOC	µg/L	n/v	14.09	48.83	11.3	11.2	3.04	10.28	4.1	4.11	3.2	4.63	4.77	6.78	2.13	34.01	49	110.12	153.34	45.63	17.85	45.5	12.88
VOC Tentatively Identified Compounds																							
Total VOC TICs	µg/L	n/v	-	2.5 U	-	2.5 U	-	-	-	-	-	-	-	-	-	-	2.5 U	-	-	-	-	-	-

See last page for notes.

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

Area			Off-Site Locations			QA/QC									
Sample Location			RW-13			Trip Blank									
Sample Date			12-Jun-12	20-May-13	27-Mar-14	12-Jun-12	20-May-13	21-May-13	27-Mar-14	29-May-14	1-Jul-14	8-Aug-14	28-Oct-14	3-Feb-15	4-May-15
Sample ID			RW-13	LI-RW-13-GW1	LI-RW-13	Trip Blank 7346	Trip Blank	Trip Blank	Trip Blank	LI-Trip Blank-PI1	LI-TRIPBLANK-PI2	Trip Blank (T-532)	Trip Blank (T-570)	LI-TRIPBLANK-PI9 (T-586)	Trip Blank (T-614)
Sampling Company			DECI	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	CCGE	PARAROCH	PARAROCH	CCGE	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:2486	E2301	141138	12:2486	E2301	E2314	141138	142196	142794	143439	144730	150382	151696
Laboratory Sample ID			12:2486-01	E2301-05	141138-10	12:2486-03	E2301-07	E2314-08	141138-15	142196-08	142794-01	143439-14	144730-14	150382-14	151696-14
Sample Type	Units	TOGS				Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
General Chemistry															
Total Organic Carbon	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals															
Aluminum	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	µg/L	3[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	µg/L	25[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	µg/L	1000[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	µg/L	3[A]	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (Total)	µg/L	50[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	µg/L	200[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	µg/L	300.[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	µg/L	25[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	µg/L	35000[A]	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300.[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	µg/L	0.7[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	µg/L	100[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	µg/L	50[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20000[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	µg/L	0.5[A]	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	µg/L	2000[A]	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds															
Acetone	µg/L	50[A]	-	25 U	10.0 U	-	25 U	25 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U
Benzene	µg/L	1[B]	-	***5 U***	1 U	-	***5 U***	***5 U***	1 U	1 U	1 U	1 U	1 U	1 U	0.700 U
Bromodichloromethane	µg/L	50[A]	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	50[A]	5.00 U	5 U	5.00 U	5.00 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5,,[B]	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U
Butylbenzene, n-	µg/L	5,,[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5,,[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5,,[B]	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	-	5 U	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
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5,,[B]	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	µg/L	5,,[B]	-	5 U	5.00 U	-	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5,,[B]	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	-	-	10.0 U R	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[B]	2.00 U	5 U	2.00 U	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
Chloromethane	µg/L	5,,[B]	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Cyclohexane	µg/L	n/v	-	5 UJ	10.0 U	-	5 UJ	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	-	***5 U***	***10.0 U***	-	***5 U***	***5 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***
Dibromochloromethane	µg/L	50[A]	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	3[B]	2.00 U	***5 U***	2.00 U	2.00 U	***5 U***	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	3[B]	2.00 U	***5 U***	2.00 U	2.00 U	***5 U***	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	3[B]	2.00 U	***5 U***	2.00 U	2.00 U	***5 U***	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5,,[B]	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U

See last page for notes.

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

Area			Off-Site Locations			QA/QC									
Sample Location			RW-13			Trip Blank									
Sample Date			12-Jun-12	20-May-13	27-Mar-14	12-Jun-12	20-May-13	21-May-13	27-Mar-14	29-May-14	1-Jul-14	8-Aug-14	28-Oct-14	3-Feb-15	4-May-15
Sample ID			RW-13	LI-RW-13-GW1	LI-RW-13	Trip Blank 7346	Trip Blank	Trip Blank	Trip Blank	LI-Trip Blank-PI1	LI-TRIPBLANK-PI2	Trip Blank (T-532)	Trip Blank (T-570)	LI-TRIPBLANK-PI9 (T-586)	Trip Blank (T-614)
Sampling Company			DECI	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	CCGE	PARAROCH	PARAROCH	CCGE	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			12:2486	E2301	141138	12:2486	E2301	E2314	141138	142196	142794	143439	144730	150382	151696
Laboratory Sample ID			12:2486-01	E2301-05	141138-10	12:2486-03	E2301-07	E2314-08	141138-15	142196-08	142794-01	143439-14	144730-14	150382-14	151696-14
Sample Type	Units	TOGS				Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Volatile Organic Compounds (cont'd)															
Dichloroethane, 1,1-	µg/L	5$_{ns}^{B}$	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,2-	µg/L	0.6^{B}	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Dichloroethane, 1,1-	µg/L	5$_{ns}^{B}$	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	5$_{ns}^{B}$	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, trans-1,2-	µg/L	5$_{ns}^{B}$	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropane, 1,2-	µg/L	1^{B}	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Dichloropropene, cis-1,3-	µg/L	0.4$_{p}^{B}$	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Dichloropropene, trans-1,3-	µg/L	0.4$_{p}^{B}$	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Dioxane, 1,4-	µg/L	n/v	-	100 U R	20.0 U R	-	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 U
Ethylbenzene	µg/L	5$_{ns}^{B}$	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006^{B}	-	***5 U***	***2.00 U***	-	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50^{A}	-	25 U	5.00 U	-	25 U	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Isopropylbenzene	µg/L	5$_{ns}^{B}$	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5$_{ns}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Acetate	µg/L	n/v	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methyl Ethyl Ketone (MEK)	µg/L	50^{A}	-	25 U	10.0 UJ	-	25 U	25 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 UJ	10.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	-	25 U	5.00 U	-	25 U	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10^{A}	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylcyclohexane	µg/L	n/v	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5$_{ns}^{B}$	5.00 U	5 U	5.00 U	5.00 U	5 U	3.4 J	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Naphthalene	µg/L	10^{B}	-	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5$_{ns}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5$_{ns}^{B}$	-	5 U	5.00 U	-	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5$_{ns}^{B}$	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Tetrachloroethene (PCE)	µg/L	5$_{ns}^{B}$	2.00 U	2.8 J	2.00	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Toluene	µg/L	5$_{ns}^{B}$	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5$_{ns}^{B}$	-	5 U	5.00 U	-	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5$_{ns}^{B}$	-	5 U	5.00 U	-	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichloroethane, 1,1,1-	µg/L	5$_{ns}^{B}$	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	1^{B}	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***5 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Trichloroethene (TCE)	µg/L	5$_{ns}^{B}$	2.00 U	0.99 J	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5$_{ns}^{B}$	2.00 U	5 U	2.00 U	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5$_{ns}^{B}$	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5$_{ns}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5$_{ns}^{B}$	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2^{B}	2.00 U	***5 U***	2.00 U	2.00 U	***5 U***	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, m & p-	µg/L	5$_{ns}^{B}$	-	***10 U***	2.00 U	-	***10 U***	***10 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, o-	µg/L	5$_{ns}^{B}$	-	5 U	2.00 U	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Total VOC	µg/L	n/v	ND	3.79	2.00	ND	ND	3.4	ND	ND	ND	ND	ND	ND	ND
VOC Tentatively Identified Compounds															
Total VOC TICs	µg/L	n/v	-	2.5 U	-	-	2.5 U	2.5 U	-	-	-	-	-	-	-

See last page for notes.

Table 3
Summary of Analytical Results in Waste Water and Discharge Permit Samples
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Sample Date			14-Jun-12		2-Aug-12			4-Dec-12	22-May-13	24-May-13	7-Jun-13	17-Jun-13	5-Jul-13	12-Aug-13	4-Mar-14	28-Mar-14	10-Apr-14	21-Apr-14	2-May-14	12-May-14	27-May-14	10-Jul-14	15-Sep-14	4-Nov-14	4-Feb-15	17-Feb-15	5-May-15	
Sample Location			DRILL WATER	PUMP WATER	WATER TANK			Discharge Water	LI-EL-WI	LI-WW1	LI-EL-W2	LI-WW2	LI-WW3	LI-WW4	LI-EL-W3	LI-EL-W4	LI-EL-W5	LI-EL-W6	LI-EL-W7	LI-EL-W8	LI-EL-W9	LI-EL-W10	LI-EL-W11	LI-EL-W12	LI-EL-W13	LI-EL-W14	LI-EL-W15	LI-EL-W16
Sample ID			DRILL WATER (DW)	PUMP WATER (PW)	02 WATER TANK	03- WATER TANK	04-WATER TANK	S-1	LI-EL-WI	LI-WW1	LI-EL-W2	LI-WW2	LI-WW3	LI - WW4	LI-EL-W3	LI-EL-W4	LI-EL-W5	LI-EL-W6	LI-EL-W7	LI-EL-W8	LI - EL - W9	LI-EL-W10	LI-EL-W11	LI-EL-W12	LI-EL-W13	LI-EL-W14	LI-EL-W15	LI-EL-W16
Sampling Company		County of	DECI	DECI	DECI	DECI	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory		Monroe	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order		Sewer Use	12:2523	12:2523	12:3240	12:3240	12:3240	12:4966	131862	131903	132076	132221	132504	133068	140757	141139	141378	141521	141728	141895	142140	142903	144025	144818	150381	150502	151695	151695
Laboratory Sample ID		Permit	12:2523-02	12:2523-04	12:3240-03	12:3240-04	12:3240-05	12:4966-01	131862-01	131903-01	132076-01	132221-01	132504-01	133068-01	140757-01	141139-01	141378-01	141521-01	141728-01	141895-01	142140-01	142903-01	144025-01	144818-01	150381-01	150502-01	151695-01	151695-02
Sample Type	Units	Enclosure																										
General Chemistry																												
pH	S.U.	5.5-10.0[A]	-	-	-	-	-	9.23 @21.4C	6.65 @16.4C	8.67 @18.6C	8.41 @21.5C	7.79 @22.1C	7.97 @23.6C	7.75 @19.5C	8.40 @18.1C	8.55 @19.9C	7.48 @22.9C	**10.28 @16.5C[A]**	**11.72 @20.7C[A]**	7.98 @20.8C	7.72 @21.8C	9.59 @19.2C	-	-	-	-	-	-
Petroleum Hydrocarbons																												
Total Petroleum Hydrocarbon (Silica Gel / HEM)	mg/L	100[A]	-	-	-	-	-	-	5.0 U	5.0 U	2.80	1.20	5.0 U	5.3 U	5.20	5.0 U	1.50	5.0 U	5.0 U	6.1 U	5.0 U	5.0 U	-	-	-	-	-	-
Total Petroleum Hydrocarbons	mg/L	100[A]	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																												
Aluminum	mg/L	n/v	-	-	-	1.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	n/v	-	-	-	0.060 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/L	0.5[A]	-	-	-	0.011	-	0.010 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	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	n/v	-	-	-	0.224	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/L	n/v	-	-	-	0.005 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	1.0[A]	-	-	-	0.005 U	-	0.005 U	0.0103	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
Calcium	mg/L	n/v	-	-	-	253	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (Total)	mg/L	3.0[A]	-	-	-	0.021	-	0.010 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	0.0382	0.138	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	n/v	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	3.0[A]	-	-	-	0.184	-	0.025 U	0.154	0.0424	0.0571	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0407	0.0622	0.0288	0.0364	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U
Iron	mg/L	n/v	-	-	-	23.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	1.0[A]	-	-	-	0.308	-	0.010 U	0.164	0.0100 U	0.0100 U	0.0121	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0190 D	0.0100 U	0.0100 U	0.0100 U	0.0239	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U
Magnesium	mg/L	n/v	-	-	-	41.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	n/v	-	-	-	0.981	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	n/v	-	-	-	0.0002 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	mg/L	3.0[A]	-	-	-	0.115	-	0.040 U	0.0400 U	0.0400 U	0.0400 U	0.0400 U	0.0400 U	0.0400 U	0.0400 U	0.0400 U	0.0400 U	0.0400 U	0.0400 U	-	-	-	-	-	-	-	-	-	-
Potassium	mg/L	n/v	-	-	-	66.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	n/v	-	-	-	0.010 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	2.0[A]	-	-	-	0.010 U	-	0.010 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	-	-	-	-	-	-	-	-	-	-
Sodium	mg/L	n/v	-	-	-	78.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	n/v	-	-	-	0.025 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/L	n/v	-	-	-	0.025 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	5.0[A]	-	-	-	0.400	-	0.060 U	1.88	0.117	0.0757	0.0600 U	0.0600 U	0.0600 U	0.102	0.0600 U	0.0600 U	0.0600 U	0.222	0.185	0.0877	1.78	0.214	0.0600 U	0.0600 U	0.0600 U	0.0600 U	0.177
Polychlorinated Biphenyls																												
Aroclor 1016	µg/L	n/v	-	-	-	-	-	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	µg/L	n/v	-	-	-	-	-	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	µg/L	n/v	-	-	-	-	-	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	µg/L	n/v	-	-	-	-	-	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	µg/L	n/v	-	-	-	-	-	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	µg/L	n/v	-	-	-	-	-	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	µg/L	n/v	-	-	-	-	-	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls (PCBs)	µg/L	2130[A]	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-	-
Pesticides																												
Aldrin	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.1 U	0.1 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
BHC, alpha-	µg/L	n/v	-	-	-	-	-	0.100 U	0.343	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.1 U	0.1 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
BHC, beta-	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.1 U	0.1 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
BHC, delta-	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.1 U	0.1 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
Camphechlor (Toxaphene)	µg/L	n/v	-	-	-	-	-	0.500 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	2.8 U	2.8 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	-	-	-	-	-	-	-
Chlordane, alpha-	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.1 U	0.1 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
Chlordane, trans-	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.1 U	0.1 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
DDD (p,p'-DDD)	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.1 U	0.1 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
DDE (p,p'-DDE)	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.1 U	0.1 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
DDT (p,p'-DDT)	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.1 U	0.1 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
Dieldrin	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.1 U	0.1 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
Endosulfan I	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.11 U	0.11 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
Endosulfan II	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.11 U	0.11 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	1.14	-	-	-	-	-	-	-
Endosulfan Sulfate	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.13 U	0.13 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
Endrin	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.12 U	0.12 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
Endrin Aldehyde	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.156	0.107	0.100 U	0.100 U	0.1 U	0.1 U	0.574	0.713	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
Endrin Ketone	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.12 U	0.12 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
Heptachlor	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.1 U	0.1 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
Heptachlor Epoxide	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.1 U	0.1 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
Lindane (Hexachlorocyclohexane, gamma)	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.1 U	0.1 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
Methoxychlor (4,4'-Methoxychlor)	µg/L	n/v	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.13 U	0.13 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	-	-	-	-	-
Total Pesticides	µg/L	2130[A]	-	-	-	-	-	ND	0.343	ND	0.156	0.107	ND	ND	ND	ND	0.574	0.713	ND	ND	ND	1.14	-	-	-	-	-	-	-

See last page for notes.

Table 3
Summary of Analytical Results in Waste Water and Discharge Permit Samples
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Sample Date			14-Jun-12		2-Aug-12			4-Dec-12	22-May-13	24-May-13	7-Jun-13	17-Jun-13	5-Jul-13	12-Aug-13	4-Mar-14	28-Mar-14	10-Apr-14	21-Apr-14	2-May-14	12-May-14	27-May-14	10-Jul-14	15-Sep-14	4-Nov-14	4-Feb-15	17-Feb-15	5-May-15	
Sample Location			DRILL WATER	PUMP WATER	WATER TANK			Discharge Water	LI-EL-WI	LI-WW1	LI-EL-W2	LI-WW2	LI-WW3	LI-WW4	LI-EL-W3	LI-EL-W4	LI-EL-W5	LI-EL-W6	LI-EL-W7	LI-EL-W8	LI-EL-W9	LI-EL-W10	LI-EL-W11	LI-EL-W12	LI-EL-W13	LI-EL-W14	LI-EL-W15	LI-EL-W16
Sample ID			DRILL WATER (DW)	PUMP WATER (PW)	02 WATER TANK	03- WATER TANK	04-WATER TANK	S-1	LI-EL-WI	LI-WW1	LI-EL-W2	LI-WW2	LI-WW3	LI - WW4	LI-EL-W3	LI-EL-W4	LI-EL-W5	LI-EL-W6	LI-EL-W7	LI-EL-W8	LI - EL - W9	LI-EL-W10	LI-EL-W11	LI-EL-W12	LI-EL-W13	LI-EL-W14	LI-EL-W15	LI-EL-W16
Sampling Company		County of	DECI	DECI	DECI	DECI	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory		Monroe	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order		Sewer Use	12:2523	12:2523	12:3240	12:3240	12:3240	12:4966	131862	131903	132076	132221	132504	133068	140757	141139	141378	141521	141728	141895	142140	142903	144025	144818	150381	150502	151695	151695
Laboratory Sample ID		Permit	12:2523-02	12:2523-04	12:3240-03	12:3240-04	12:3240-05	12:4966-01	131862-01	131903-01	132076-01	132221-01	132504-01	133068-01	140757-01	141139-01	141378-01	141521-01	141728-01	141895-01	142140-01	142903-01	144025-01	144818-01	150381-01	150502-01	151695-01	151695-02
Sample Type	Units	Enclosure																										
Semi-Volatile Organic Compounds																												
Acenaphthene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Aniline	µg/L	n/v	-	-	10.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Benzidine	µg/L	n/v	-	-	25.0 U	-	-	100 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Benzoic acid	µg/L	n/v	-	-	25.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	µg/L	n/v	-	-	25.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Chloroethoxy)methane	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Bis(2-Chloroethyl)ether	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Bis(2-Chloroisopropyl)ether	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Bromophenyl Phenyl Ether, 4-	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Butyl Benzyl Phthalate	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Chloro-3-methyl phenol, 4-	µg/L	n/v	-	-	10.0 U	-	-	25.0 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	-	-	-	-	-	-	-	-	-
Chloroaniline, 4-	µg/L	n/v	-	-	10.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloronaphthalene, 2-	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/L	n/v	-	-	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	-	-	-	-	-	-	-	-	-
Chlorophenyl Phenyl Ether, 4-	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Chrysene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Cresol, m- (Methylphenol, 3-)	µg/L	n/v	-	-	10.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	µg/L	n/v	-	-	10.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	µg/L	n/v	-	-	10.0 U	-	-	250 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	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/L	n/v	-	-	10.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibutyl Phthalate (DBP)	µg/L	n/v	-	-	10.0 U	-	-	647	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	-	-	-	-	-	-	-	-	-
Dichlorobenzene, 1,2-	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Dichlorobenzene, 1,3-	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Dichlorobenzene, 1,4-	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Dichlorobenzidine, 3,3'-	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Dichlorophenol, 2,4-	µg/L	n/v	-	-	10.0 U	-	-	25.0 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	-	-	-	-	-	-	-	-	-
Dichlorophenol, 2,6-	µg/L	n/v	-	-	10.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl Phthalate	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Dimethyl Phthalate	µg/L	n/v	-	-	25.0 U	-	-	250 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	-	-	-	-	-	-	-	-	-
Dimethylphenol, 2,4-	µg/L	n/v	-	-	10.0 U	-	-	25.0 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	-	-	-	-	-	-	-	-	-
Dinitro-o-cresol, 4,6-	µg/L	n/v	-	-	25.0 U	-	-	10.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	-	-	-	-	-	-	-	-	-
Dinitrophenol, 2,4-	µg/L	n/v	-	-	25.0 U	-	-	10.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	-	-	-	-	-	-	-	-	-
Dinitrotoluene, 2,4-	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Dinitrotoluene, 2,6-	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Di-n-Octyl phthalate	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Fluorene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Isophorone	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Methylnaphthalene, 2-	µg/L	n/v	-	-	10.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Nitroaniline, 2-	µg/L	n/v	-	-	25.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitroaniline, 3-	µg/L	n/v	-	-	25.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitroaniline, 4-	µg/L	n/v	-	-	25.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Nitrophenol, 2-	µg/L	n/v	-	-	10.0 U	-	-	25.0 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	-	-	-	-	-	-	-	-	-
Nitrophenol, 4-	µg/L	n/v	-	-	25.0 U R	-	-	10.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine (NDMA)	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-Propylamine	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
n-Nitrosodiphenylamine	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/L	n/v	-	-	25.0 UJ	-	-	10.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Phenol	µg/L	n/v	-	-	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	11.4	-	-	-	-	-	-	-	-	-
Pyrene	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Trichlorobenzene, 1,2,4-	µg/L	n/v	-	-	10.0 U	-	-	100 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	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	µg/L	n/v	-	-	25.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,6-	µg/L	n/v	-	-	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	-	-	-	-	-	-	-	-	-
Total SVOC	µg/L	2130[A]	-	-	ND	-	-	647	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.4	-	-	-	-	-	-	-	-	-

See last page for notes.

Table 3
Summary of Analytical Results in Waste Water and Discharge Permit Samples
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Sample Date			14-Jun-12		2-Aug-12			4-Dec-12	22-May-13	24-May-13	7-Jun-13	17-Jun-13	5-Jul-13	12-Aug-13	4-Mar-14	28-Mar-14	10-Apr-14	21-Apr-14	2-May-14	12-May-14	27-May-14	10-Jul-14	15-Sep-14	4-Nov-14	4-Feb-15	17-Feb-15	5-May-15	
Sample Location			DRILL WATER	PUMP WATER	WATER TANK			Discharge Water	LI-EL-WI	LI-WW1	LI-EL-W2	LI-WW2	LI-WW3	LI-WW4	LI-EL-W3	LI-EL-W4	LI-EL-W5	LI-EL-W6	LI-EL-W7	LI-EL-W8	LI-EL-W9	LI-EL-W10	LI-EL-W11	LI-EL-W12	LI-EL-W13	LI-EL-W14	LI-EL-W15	LI-EL-W16
Sample ID			DRILL WATER (DW)	PUMP WATER (PW)	02 WATER TANK	03- WATER TANK	04-WATER TANK	S-1	LI-EL-WI	LI-WW1	LI-EL-W2	LI-WW2	LI-WW3	LI - WW4	LI-EL-W3	LI-EL-W4	LI-EL-W5	LI-EL-W6	LI-EL-W7	LI-EL-W8	LI - EL - W9	LI-EL-W10	LI-EL-W11	LI-EL-W12	LI-EL-W13	LI-EL-W14	LI-EL-W15	LI-EL-W16
Sampling Company		County of	DECI	DECI	DECI	DECI	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory		Monroe	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order		Sewer Use	12:2523	12:2523	12:3240	12:3240	12:3240	12:4966	131862	131903	132076	132221	132504	133068	140757	141139	141378	141521	141728	141895	142140	142903	144025	144818	150381	150502	151695	151695
Laboratory Sample ID		Permit	12:2523-02	12:2523-04	12:3240-03	12:3240-04	12:3240-05	12:4966-01	131862-01	131903-01	132076-01	132221-01	132504-01	133068-01	140757-01	141139-01	141378-01	141521-01	141728-01	141895-01	142140-01	142903-01	144025-01	144818-01	150381-01	150502-01	151695-01	151695-02
Sample Type	Units	Enclosure																										
Volatile Organic Compounds																												
Acetone	µg/L	n/v	-	-	-	-	143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	µg/L	n/v	-	-	-	-	0.700 U	2.00 U	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	n/v	4.23	2.61	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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	2.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	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 UJ	2.00 UJ	-	-	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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 Disulfide	µg/L	n/v	-	-	-	-	2.00 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	µg/L	n/v	2.00 UJ	2.00 UJ	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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	0.700 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethane (Ethyl Chloride)	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10.0 U R	10.0 U R	-	-	10.0 U R	2.00 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	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	n/v	11.3	6.48	-	-	2.00 U	10.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dibromochloromethane	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,1-	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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 UJ	2.00 UJ	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, 1,1-	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	-	-	-	-	-	-	-	-	-	-	-	-	12.8	10.0	2.00 U	98.8	107	12.5	2.00 U	19.2	2.00 U
Dichloroethene, trans-1,2-	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	7.26	6.18	7.45	2.44	2.55	2.32	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropane, 1,2-	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, cis-1,3-	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, trans-1,3-	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Ethylbenzene	µg/L	n/v	-	-	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	-	-	-	-	-	-	-
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	n/v	-	-	-	-	5.00 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Ethyl Ketone (MEK)	µg/L	n/v	-	-	-	-	10.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	-	-	-	-	5.00 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert-butyl ether (MTBE)	µg/L	n/v	-	-	-	-	-	-	-	2.00 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene Chloride (Dichloromethane)	µg/L	n/v	5.00 U	5.00 U	-	-	5.00 U	2.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	33.3	5.00 U	5.00 U	5.00 U	5.00 U	6.88	5.00 U	5.00 U	5.00 U	5.00 U
Styrene	µg/L	n/v	-	-	-	-	5.00 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethane, 1,1,2,2-	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Tetrachloroethene (PCE)	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	2.87	2.00 U	2.00 U	2.31	2.00 U	52.1	36.2	19.2	2.00 U	2.00 U	2.35	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.25	2.00 U
Toluene	µg/L	n/v	-	-	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	-	-	-	-	-	-	-
Trichloroethane, 1,1,1-	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethene (TCE)	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	13.3	3.08	2.00 U	2.00 U	2.00 U	26.0	23.7	27.8	3.18	4.87	8.33	6.46	2.00 U	2.00 U	2.14	2.86	2.00 U	2.62	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	n/v	2.00 UJ	2.00 UJ	-	-	2.00 U	2.00 U	3.08	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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 Acetate	µg/L	n/v	-	-	-	-	5.00 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	n/v	2.00 U	2.00 U	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	6.74	5.35	8.35	2.15	2.92	3.40	3.06	2.00 U	10.1	33.0	4.96	2.00 U	10.3	2.00 U
Xylene, m & p-	µg/L	n/v	-	-	-	-	2.00 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene, o-	µg/L	n/v	-	-	-	-	2.00 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total VOC	µg/L	2130[A]	15.53	9.09	-	-	143	ND	3.08	16.17	3.08	ND	2.31	ND	92.1	71.43	62.8	7.77	43.64	29.2	19.52	ND	108.9	149.02	20.32	ND	34.37	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
6.5[A]	Concentration exceeds the indicated standard.
15.2	Measured concentration was less than the applicable standard.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reportable detection limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
B	Indicates analyte was found in associated blank, as well as in the sample.
D	Indicates reanalysis of sample with additional dilution to address exceedance of instrument calibration range.
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.
EL	Indicates elevator sump sample.

Stantec Consulting Services Inc.
61 Commercial Street, Suite 100
Rochester NY 14614-1009
Tel: (585) 475-1440
Fax: (585) 272-1814

Appendix A

Laboratory Analytical Reports

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

151695

Referencing

Carriage Factory

Prepared

Wednesday, May 13, 2015

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

KRHansen

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: 151695

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W15
Lab Sample ID: 151695-01 **Date Sampled:** 5/5/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Cadmium	< 0.00500	mg/L		5/8/2015 14:23
Copper	< 0.0250	mg/L		5/8/2015 14:23
Lead	< 0.0100	mg/L		5/8/2015 14:23
Zinc	< 0.0600	mg/L		5/8/2015 14:23

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 5/7/2015
Data File: 050815a

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/9/2015 02:59
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/9/2015 02:59
1,1,2-Trichloroethane	< 2.00	ug/L		5/9/2015 02:59
1,1-Dichloroethane	< 2.00	ug/L		5/9/2015 02:59
1,1-Dichloroethene	< 2.00	ug/L		5/9/2015 02:59
1,2-Dichlorobenzene	< 2.00	ug/L		5/9/2015 02:59
1,2-Dichloroethane	< 2.00	ug/L		5/9/2015 02:59
1,2-Dichloropropane	< 2.00	ug/L		5/9/2015 02:59
1,3-Dichlorobenzene	< 2.00	ug/L		5/9/2015 02:59
1,4-Dichlorobenzene	< 2.00	ug/L		5/9/2015 02:59
Bromodichloromethane	< 2.00	ug/L		5/9/2015 02:59
Bromoform	< 5.00	ug/L		5/9/2015 02:59
Bromomethane	< 2.00	ug/L		5/9/2015 02:59
Carbon Tetrachloride	< 2.00	ug/L		5/9/2015 02:59
Chlorobenzene	< 2.00	ug/L		5/9/2015 02:59
Chloroethane	< 2.00	ug/L		5/9/2015 02:59
Chloroform	< 2.00	ug/L		5/9/2015 02:59
Chloromethane	< 2.00	ug/L		5/9/2015 02:59
cis-1,2-Dichloroethene	**19.2**	ug/L		5/9/2015 02:59

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151695

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W15
Lab Sample ID: 151695-01 **Date Sampled:** 5/5/2015
Matrix: Groundwater **Date Received:** 5/5/2015

cis-1,3-Dichloropropene	< 2.00	ug/L			5/9/2015 02:59
Dibromochloromethane	< 2.00	ug/L			5/9/2015 02:59
Methylene chloride	< 5.00	ug/L			5/9/2015 02:59
Tetrachloroethene	**2.25**	ug/L			5/9/2015 02:59
trans-1,2-Dichloroethene	< 2.00	ug/L			5/9/2015 02:59
trans-1,3-Dichloropropene	< 2.00	ug/L			5/9/2015 02:59
Trichloroethene	**2.62**	ug/L			5/9/2015 02:59
Trichlorofluoromethane	< 2.00	ug/L			5/9/2015 02:59
Vinyl chloride	**10.3**	ug/L			5/9/2015 02:59

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**107**	82.3 - 115		5/9/2015 02:59
4-Bromofluorobenzene	**92.8**	85.5 - 111		5/9/2015 02:59
Pentafluorobenzene	**101**	91.2 - 107		5/9/2015 02:59
Toluene-D8	**97.5**	90.9 - 108		5/9/2015 02:59

Method Reference(s): EPA 8260C
EPA 5030
Data File: x22671.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151695

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W16
Lab Sample ID: 151695-02 **Date Sampled:** 5/5/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Cadmium	< 0.00500	mg/L		5/8/2015 14:28
Copper	< 0.0250	mg/L		5/8/2015 14:28
Lead	< 0.0100	mg/L		5/8/2015 14:28
Zinc	**0.177**	mg/L		5/8/2015 14:28

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 5/7/2015
Data File: 050815a

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/9/2015 03:23
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/9/2015 03:23
1,1,2-Trichloroethane	< 2.00	ug/L		5/9/2015 03:23
1,1-Dichloroethane	< 2.00	ug/L		5/9/2015 03:23
1,1-Dichloroethene	< 2.00	ug/L		5/9/2015 03:23
1,2-Dichlorobenzene	< 2.00	ug/L		5/9/2015 03:23
1,2-Dichloroethane	< 2.00	ug/L		5/9/2015 03:23
1,2-Dichloropropane	< 2.00	ug/L		5/9/2015 03:23
1,3-Dichlorobenzene	< 2.00	ug/L		5/9/2015 03:23
1,4-Dichlorobenzene	< 2.00	ug/L		5/9/2015 03:23
Bromodichloromethane	< 2.00	ug/L		5/9/2015 03:23
Bromoform	< 5.00	ug/L		5/9/2015 03:23
Bromomethane	< 2.00	ug/L		5/9/2015 03:23
Carbon Tetrachloride	< 2.00	ug/L		5/9/2015 03:23
Chlorobenzene	< 2.00	ug/L		5/9/2015 03:23
Chloroethane	< 2.00	ug/L		5/9/2015 03:23
Chloroform	< 2.00	ug/L		5/9/2015 03:23
Chloromethane	< 2.00	ug/L		5/9/2015 03:23
cis-1,2-Dichloroethene	< 2.00	ug/L		5/9/2015 03:23

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151695

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W16
Lab Sample ID: 151695-02 **Date Sampled:** 5/5/2015
Matrix: Groundwater **Date Received:** 5/5/2015

cis-1,3-Dichloropropene	< 2.00	ug/L			5/9/2015 03:23
Dibromochloromethane	< 2.00	ug/L			5/9/2015 03:23
Methylene chloride	< 5.00	ug/L			5/9/2015 03:23
Tetrachloroethene	< 2.00	ug/L			5/9/2015 03:23
trans-1,2-Dichloroethene	< 2.00	ug/L			5/9/2015 03:23
trans-1,3-Dichloropropene	< 2.00	ug/L			5/9/2015 03:23
Trichloroethene	< 2.00	ug/L			5/9/2015 03:23
Trichlorofluoromethane	< 2.00	ug/L			5/9/2015 03:23
Vinyl chloride	< 2.00	ug/L			5/9/2015 03:23

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**105**	82.3 - 115		5/9/2015 03:23
4-Bromofluorobenzene	**91.1**	85.5 - 111		5/9/2015 03:23
Pentafluorobenzene	**97.8**	91.2 - 107		5/9/2015 03:23
Toluene-D8	**95.5**	90.9 - 108		5/9/2015 03:23

Method Reference(s): EPA 8260C
EPA 5030
Data File: x22672.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.

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

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	Stantec	CLIENT:	Stantec	151695
ADDRESS:	61 Commercial St	ADDRESS:		Quotation #:
CITY:	Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:		
PHONE:	413-5266	PHONE:	978-5248	Email:
ATTN:	Mike Staronsky	ATTN:	Ben Haravitch	Mike.Staronsky@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

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Halogenated VOCs	Cd, Cu, Pb, Zn								REMARKS	PARADIGM LAB SAMPLE NUMBER	
1	5/5/15	14:50	X		LI-EL-W15	WG	3	X	X										01
2	5/5/15	15:15		X	LI-EL-W16	WG	3	X	X										02
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☒
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other please indicate: 10 day	☒	Other please indicate:	☐	Other EDD please indicate: Stantec	☒

Laura Best	5/5/15 1615	Sampled By / Date/Time
Laura Best	5/5/15 1620	Relinquished By / Date/Time
RR Lawson	5/5/15 1620	Received By / Date/Time
Molly Vail	5/5/15 1641	Received @ Lab By / Date/Time

Total Cost:

P.I.F.

15°C iced started in field

Chain of Custody Supplement

Client: Stantec **Completed by:** MollKail

Lab Project ID: 151695 **Date:** 5/5/15

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		
Comments			
Preservation	X		
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		X metals
Comments	15°C iced started in field 5/5/15		
Sufficient Sample Quantity	X		
Comments			

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

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-1-PI12		
Lab Sample ID:	151696-01	**Date Sampled:**	5/5/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Sodium	**175**	mg/L		5/8/2015 14:36

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 5/7/2015
Data File: 050815a

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

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-1-PI12		
Lab Sample ID:	151696-01	**Date Sampled:**	5/5/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/7/2015 18:13
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/7/2015 18:13
1,1,2-Trichloroethane	< 2.00	ug/L		5/7/2015 18:13
1,1-Dichloroethane	< 2.00	ug/L		5/7/2015 18:13
1,1-Dichloroethene	< 2.00	ug/L		5/7/2015 18:13
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/7/2015 18:13
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/7/2015 18:13
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		5/7/2015 18:13
1,2-Dibromoethane	< 2.00	ug/L		5/7/2015 18:13
1,2-Dichlorobenzene	< 2.00	ug/L		5/7/2015 18:13
1,2-Dichloroethane	< 2.00	ug/L		5/7/2015 18:13
1,2-Dichloropropane	< 2.00	ug/L		5/7/2015 18:13
1,3-Dichlorobenzene	< 2.00	ug/L		5/7/2015 18:13
1,4-Dichlorobenzene	< 2.00	ug/L		5/7/2015 18:13
1,4-dioxane	< 20.0	ug/L		5/7/2015 18:13
2-Butanone	< 10.0	ug/L		5/7/2015 18:13
2-Hexanone	< 5.00	ug/L		5/7/2015 18:13
4-Methyl-2-pentanone	< 5.00	ug/L		5/7/2015 18:13
Acetone	< 10.0	ug/L		5/7/2015 18:13
Benzene	< 0.700	ug/L		5/7/2015 18:13
Bromochloromethane	< 5.00	ug/L		5/7/2015 18:13
Bromodichloromethane	< 2.00	ug/L		5/7/2015 18:13
Bromoform	< 5.00	ug/L		5/7/2015 18:13
Bromomethane	< 2.00	ug/L		5/7/2015 18:13
Carbon disulfide	< 2.00	ug/L		5/7/2015 18:13
Carbon Tetrachloride	< 2.00	ug/L		5/7/2015 18:13
Chlorobenzene	< 2.00	ug/L		5/7/2015 18:13

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-1-PI12		
Lab Sample ID:	151696-01	**Date Sampled:**	5/5/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Chloroethane	< 2.00	ug/L	5/7/2015	18:13
Chloroform	< 2.00	ug/L	5/7/2015	18:13
Chloromethane	< 2.00	ug/L	5/7/2015	18:13
cis-1,2-Dichloroethene	< 2.00	ug/L	5/7/2015	18:13
cis-1,3-Dichloropropene	< 2.00	ug/L	5/7/2015	18:13
Cyclohexane	< 10.0	ug/L	5/7/2015	18:13
Dibromochloromethane	< 2.00	ug/L	5/7/2015	18:13
Dichlorodifluoromethane	< 2.00	ug/L	5/7/2015	18:13
Ethylbenzene	< 2.00	ug/L	5/7/2015	18:13
Freon 113	< 2.00	ug/L	5/7/2015	18:13
Isopropylbenzene	< 2.00	ug/L	5/7/2015	18:13
m,p-Xylene	< 2.00	ug/L	5/7/2015	18:13
Methyl acetate	< 2.00	ug/L	5/7/2015	18:13
Methyl tert-butyl Ether	< 2.00	ug/L	5/7/2015	18:13
Methylcyclohexane	< 2.00	ug/L	5/7/2015	18:13
Methylene chloride	< 5.00	ug/L	5/7/2015	18:13
o-Xylene	< 2.00	ug/L	5/7/2015	18:13
Styrene	< 5.00	ug/L	5/7/2015	18:13
Tetrachloroethene	< 2.00	ug/L	5/7/2015	18:13
Toluene	< 2.00	ug/L	5/7/2015	18:13
trans-1,2-Dichloroethene	< 2.00	ug/L	5/7/2015	18:13
trans-1,3-Dichloropropene	< 2.00	ug/L	5/7/2015	18:13
Trichloroethene	< 2.00	ug/L	5/7/2015	18:13
Trichlorofluoromethane	< 2.00	ug/L	5/7/2015	18:13
Vinyl chloride	**2.98**	ug/L	5/7/2015	18:13

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-1-PI12
Lab Sample ID: 151696-01 **Date Sampled:** 5/5/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**96.4**	82.3 - 115		5/7/2015	18:13
4-Bromofluorobenzene	**89.0**	85.5 - 111		5/7/2015	18:13
Pentafluorobenzene	**94.9**	91.2 - 107		5/7/2015	18:13
Toluene-D8	**97.3**	90.9 - 108		5/7/2015	18:13

Method Reference(s): EPA 8260C
EPA 5030
Data File: x22615.D

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-1-PI12		
Lab Sample ID:	151696-01	**Date Sampled:**	5/5/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Total Organic Carbon

Analyte	Result	Units	Qualifier	Date Analyzed
Total Organic Carbon	**4.5**	mg/L		5/12/2015

Method Reference(s): SM 5310 C
Subcontractor ELAP ID: 10709

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

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-2-PI12		
Lab Sample ID:	151696-02	**Date Sampled:**	5/5/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	< 0.0100	mg/L		5/8/2015 15:58
Iron	**1.85**	mg/L		5/8/2015 15:58
Manganese	**0.0663**	mg/L		5/8/2015 15:58
Sodium	**60.6**	mg/L		5/8/2015 15:58

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 5/7/2015
Data File: 050815a

Report Prepared Friday, May 15, 2015

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-2-PI12		
Lab Sample ID:	151696-02	**Date Sampled:**	5/5/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/7/2015 18:36
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/7/2015 18:36
1,1,2-Trichloroethane	< 2.00	ug/L		5/7/2015 18:36
1,1-Dichloroethane	< 2.00	ug/L		5/7/2015 18:36
1,1-Dichloroethene	< 2.00	ug/L		5/7/2015 18:36
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/7/2015 18:36
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/7/2015 18:36
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		5/7/2015 18:36
1,2-Dibromoethane	< 2.00	ug/L		5/7/2015 18:36
1,2-Dichlorobenzene	< 2.00	ug/L		5/7/2015 18:36
1,2-Dichloroethane	< 2.00	ug/L		5/7/2015 18:36
1,2-Dichloropropane	< 2.00	ug/L		5/7/2015 18:36
1,3-Dichlorobenzene	< 2.00	ug/L		5/7/2015 18:36
1,4-Dichlorobenzene	< 2.00	ug/L		5/7/2015 18:36
1,4-dioxane	< 20.0	ug/L		5/7/2015 18:36
2-Butanone	< 10.0	ug/L		5/7/2015 18:36
2-Hexanone	< 5.00	ug/L		5/7/2015 18:36
4-Methyl-2-pentanone	< 5.00	ug/L		5/7/2015 18:36
Acetone	< 10.0	ug/L		5/7/2015 18:36
Benzene	< 0.700	ug/L		5/7/2015 18:36
Bromochloromethane	< 5.00	ug/L		5/7/2015 18:36
Bromodichloromethane	< 2.00	ug/L		5/7/2015 18:36
Bromoform	< 5.00	ug/L		5/7/2015 18:36
Bromomethane	< 2.00	ug/L		5/7/2015 18:36
Carbon disulfide	< 2.00	ug/L		5/7/2015 18:36
Carbon Tetrachloride	< 2.00	ug/L		5/7/2015 18:36
Chlorobenzene	< 2.00	ug/L		5/7/2015 18:36

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-2-PI12
Lab Sample ID: 151696-02 **Date Sampled:** 5/5/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Chloroethane	< 2.00	ug/L		5/7/2015	18:36
Chloroform	< 2.00	ug/L		5/7/2015	18:36
Chloromethane	< 2.00	ug/L		5/7/2015	18:36
cis-1,2-Dichloroethene	< 2.00	ug/L		5/7/2015	18:36
cis-1,3-Dichloropropene	< 2.00	ug/L		5/7/2015	18:36
Cyclohexane	< 10.0	ug/L		5/7/2015	18:36
Dibromochloromethane	< 2.00	ug/L		5/7/2015	18:36
Dichlorodifluoromethane	< 2.00	ug/L		5/7/2015	18:36
Ethylbenzene	< 2.00	ug/L		5/7/2015	18:36
Freon 113	< 2.00	ug/L		5/7/2015	18:36
Isopropylbenzene	< 2.00	ug/L		5/7/2015	18:36
m,p-Xylene	< 2.00	ug/L		5/7/2015	18:36
Methyl acetate	< 2.00	ug/L		5/7/2015	18:36
Methyl tert-butyl Ether	< 2.00	ug/L		5/7/2015	18:36
Methylcyclohexane	< 2.00	ug/L		5/7/2015	18:36
Methylene chloride	< 5.00	ug/L		5/7/2015	18:36
o-Xylene	< 2.00	ug/L		5/7/2015	18:36
Styrene	< 5.00	ug/L		5/7/2015	18:36
Tetrachloroethene	< 2.00	ug/L		5/7/2015	18:36
Toluene	< 2.00	ug/L		5/7/2015	18:36
trans-1,2-Dichloroethene	**1.17**	ug/L	J	5/7/2015	18:36
trans-1,3-Dichloropropene	< 2.00	ug/L		5/7/2015	18:36
Trichloroethene	< 2.00	ug/L		5/7/2015	18:36
Trichlorofluoromethane	< 2.00	ug/L		5/7/2015	18:36
Vinyl chloride	**1.26**	ug/L	J	5/7/2015	18:36

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-2-PI12
Lab Sample ID: 151696-02 **Date Sampled:** 5/5/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**96.0**	82.3 - 115		5/7/2015	18:36
4-Bromofluorobenzene	**89.5**	85.5 - 111		5/7/2015	18:36
Pentafluorobenzene	**95.2**	91.2 - 107		5/7/2015	18:36
Toluene-D8	**96.5**	90.9 - 108		5/7/2015	18:36

Method Reference(s): EPA 8260C
EPA 5030
Data File: x22616.D

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-2-PI12		
Lab Sample ID:	151696-02	**Date Sampled:**	5/5/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Total Organic Carbon

Analyte	Result	Units	Qualifier	Date Analyzed
Total Organic Carbon	**2.7**	mg/L		5/12/2015

Method Reference(s): SM 5310 C
Subcontractor ELAP ID: 10709

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

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-3-PI12		
Lab Sample ID:	151696-03	**Date Sampled:**	5/5/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Sodium	**85.3**	mg/L		5/8/2015 16:02

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 5/7/2015
Data File: 050815a

Report Prepared Friday, May 15, 2015

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-3-PI12		
Lab Sample ID:	151696-03	**Date Sampled:**	5/5/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/7/2015 19:00
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/7/2015 19:00
1,1,2-Trichloroethane	< 2.00	ug/L		5/7/2015 19:00
1,1-Dichloroethane	< 2.00	ug/L		5/7/2015 19:00
1,1-Dichloroethene	< 2.00	ug/L		5/7/2015 19:00
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/7/2015 19:00
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/7/2015 19:00
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		5/7/2015 19:00
1,2-Dibromoethane	< 2.00	ug/L		5/7/2015 19:00
1,2-Dichlorobenzene	< 2.00	ug/L		5/7/2015 19:00
1,2-Dichloroethane	< 2.00	ug/L		5/7/2015 19:00
1,2-Dichloropropane	< 2.00	ug/L		5/7/2015 19:00
1,3-Dichlorobenzene	< 2.00	ug/L		5/7/2015 19:00
1,4-Dichlorobenzene	< 2.00	ug/L		5/7/2015 19:00
1,4-dioxane	< 20.0	ug/L		5/7/2015 19:00
2-Butanone	< 10.0	ug/L		5/7/2015 19:00
2-Hexanone	< 5.00	ug/L		5/7/2015 19:00
4-Methyl-2-pentanone	< 5.00	ug/L		5/7/2015 19:00
Acetone	< 10.0	ug/L		5/7/2015 19:00
Benzene	< 0.700	ug/L		5/7/2015 19:00
Bromochloromethane	< 5.00	ug/L		5/7/2015 19:00
Bromodichloromethane	< 2.00	ug/L		5/7/2015 19:00
Bromoform	< 5.00	ug/L		5/7/2015 19:00
Bromomethane	< 2.00	ug/L		5/7/2015 19:00
Carbon disulfide	< 2.00	ug/L		5/7/2015 19:00
Carbon Tetrachloride	< 2.00	ug/L		5/7/2015 19:00
Chlorobenzene	< 2.00	ug/L		5/7/2015 19:00

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-3-PI12
Lab Sample ID: 151696-03 **Date Sampled:** 5/5/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Chloroethane	< 2.00	ug/L		5/7/2015	19:00
Chloroform	< 2.00	ug/L		5/7/2015	19:00
Chloromethane	< 2.00	ug/L		5/7/2015	19:00
cis-1,2-Dichloroethene	**1.23**	ug/L	J	5/7/2015	19:00
cis-1,3-Dichloropropene	< 2.00	ug/L		5/7/2015	19:00
Cyclohexane	< 10.0	ug/L		5/7/2015	19:00
Dibromochloromethane	< 2.00	ug/L		5/7/2015	19:00
Dichlorodifluoromethane	< 2.00	ug/L		5/7/2015	19:00
Ethylbenzene	< 2.00	ug/L		5/7/2015	19:00
Freon 113	< 2.00	ug/L		5/7/2015	19:00
Isopropylbenzene	< 2.00	ug/L		5/7/2015	19:00
m,p-Xylene	< 2.00	ug/L		5/7/2015	19:00
Methyl acetate	< 2.00	ug/L		5/7/2015	19:00
Methyl tert-butyl Ether	**2.12**	ug/L		5/7/2015	19:00
Methylcyclohexane	< 2.00	ug/L		5/7/2015	19:00
Methylene chloride	< 5.00	ug/L		5/7/2015	19:00
o-Xylene	< 2.00	ug/L		5/7/2015	19:00
Styrene	< 5.00	ug/L		5/7/2015	19:00
Tetrachloroethene	< 2.00	ug/L		5/7/2015	19:00
Toluene	< 2.00	ug/L		5/7/2015	19:00
trans-1,2-Dichloroethene	**3.63**	ug/L		5/7/2015	19:00
trans-1,3-Dichloropropene	< 2.00	ug/L		5/7/2015	19:00
Trichloroethene	**1.04**	ug/L	J	5/7/2015	19:00
Trichlorofluoromethane	< 2.00	ug/L		5/7/2015	19:00
Vinyl chloride	**4.41**	ug/L		5/7/2015	19:00

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-3-PI12
Lab Sample ID: 151696-03 **Date Sampled:** 5/5/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**97.1**	82.3 - 115		5/7/2015 19:00
4-Bromofluorobenzene	**86.8**	85.5 - 111		5/7/2015 19:00
Pentafluorobenzene	**97.5**	91.2 - 107		5/7/2015 19:00
Toluene-D8	**96.4**	90.9 - 108		5/7/2015 19:00

Method Reference(s): EPA 8260C
EPA 5030
Data File: x22617.D

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-3-PI12		
Lab Sample ID:	151696-03	**Date Sampled:**	5/5/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Total Organic Carbon

Analyte	Result	Units	Qualifier	Date Analyzed
Total Organic Carbon	**6.1**	mg/L		5/12/2015

Method Reference(s): SM 5310 C
Subcontractor ELAP ID: 10709

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

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-4-PI12		
Lab Sample ID:	151696-04	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Sodium	**86.9**	mg/L		5/8/2015 16:07

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 5/7/2015
Data File: 050815a

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-4-PI12		
Lab Sample ID:	151696-04	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/7/2015 19:23
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/7/2015 19:23
1,1,2-Trichloroethane	< 2.00	ug/L		5/7/2015 19:23
1,1-Dichloroethane	< 2.00	ug/L		5/7/2015 19:23
1,1-Dichloroethene	< 2.00	ug/L		5/7/2015 19:23
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/7/2015 19:23
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/7/2015 19:23
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		5/7/2015 19:23
1,2-Dibromoethane	< 2.00	ug/L		5/7/2015 19:23
1,2-Dichlorobenzene	< 2.00	ug/L		5/7/2015 19:23
1,2-Dichloroethane	< 2.00	ug/L		5/7/2015 19:23
1,2-Dichloropropane	< 2.00	ug/L		5/7/2015 19:23
1,3-Dichlorobenzene	< 2.00	ug/L		5/7/2015 19:23
1,4-Dichlorobenzene	< 2.00	ug/L		5/7/2015 19:23
1,4-dioxane	< 20.0	ug/L		5/7/2015 19:23
2-Butanone	< 10.0	ug/L		5/7/2015 19:23
2-Hexanone	< 5.00	ug/L		5/7/2015 19:23
4-Methyl-2-pentanone	< 5.00	ug/L		5/7/2015 19:23
Acetone	< 10.0	ug/L		5/7/2015 19:23
Benzene	< 0.700	ug/L		5/7/2015 19:23
Bromochloromethane	< 5.00	ug/L		5/7/2015 19:23
Bromodichloromethane	< 2.00	ug/L		5/7/2015 19:23
Bromoform	< 5.00	ug/L		5/7/2015 19:23
Bromomethane	< 2.00	ug/L		5/7/2015 19:23
Carbon disulfide	< 2.00	ug/L		5/7/2015 19:23
Carbon Tetrachloride	< 2.00	ug/L		5/7/2015 19:23
Chlorobenzene	< 2.00	ug/L		5/7/2015 19:23

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-4-PI12
Lab Sample ID: 151696-04 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Chloroethane	< 2.00	ug/L	5/7/2015	19:23
Chloroform	< 2.00	ug/L	5/7/2015	19:23
Chloromethane	< 2.00	ug/L	5/7/2015	19:23
cis-1,2-Dichloroethene	**14.8**	ug/L	5/7/2015	19:23
cis-1,3-Dichloropropene	< 2.00	ug/L	5/7/2015	19:23
Cyclohexane	< 10.0	ug/L	5/7/2015	19:23
Dibromochloromethane	< 2.00	ug/L	5/7/2015	19:23
Dichlorodifluoromethane	< 2.00	ug/L	5/7/2015	19:23
Ethylbenzene	< 2.00	ug/L	5/7/2015	19:23
Freon 113	< 2.00	ug/L	5/7/2015	19:23
Isopropylbenzene	< 2.00	ug/L	5/7/2015	19:23
m,p-Xylene	< 2.00	ug/L	5/7/2015	19:23
Methyl acetate	< 2.00	ug/L	5/7/2015	19:23
Methyl tert-butyl Ether	< 2.00	ug/L	5/7/2015	19:23
Methylcyclohexane	< 2.00	ug/L	5/7/2015	19:23
Methylene chloride	< 5.00	ug/L	5/7/2015	19:23
o-Xylene	< 2.00	ug/L	5/7/2015	19:23
Styrene	< 5.00	ug/L	5/7/2015	19:23
Tetrachloroethene	**18.7**	ug/L	5/7/2015	19:23
Toluene	< 2.00	ug/L	5/7/2015	19:23
trans-1,2-Dichloroethene	< 2.00	ug/L	5/7/2015	19:23
trans-1,3-Dichloropropene	< 2.00	ug/L	5/7/2015	19:23
Trichloroethene	**8.94**	ug/L	5/7/2015	19:23
Trichlorofluoromethane	< 2.00	ug/L	5/7/2015	19:23
Vinyl chloride	**5.15**	ug/L	5/7/2015	19:23

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-4-PI12
Lab Sample ID: 151696-04 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**96.9**	82.3 - 115		5/7/2015	19:23
4-Bromofluorobenzene	**88.8**	85.5 - 111		5/7/2015	19:23
Pentafluorobenzene	**95.7**	91.2 - 107		5/7/2015	19:23
Toluene-D8	**97.7**	90.9 - 108		5/7/2015	19:23

Method Reference(s): EPA 8260C
EPA 5030
Data File: x22618.D

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-4-PI12		
Lab Sample ID:	151696-04	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Total Organic Carbon

Analyte	Result	Units	Qualifier	Date Analyzed
Total Organic Carbon	**5.4**	mg/L		5/12/2015

Method Reference(s): SM 5310 C
Subcontractor ELAP ID: 10709

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-5-PI12		
Lab Sample ID:	151696-05	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	< 0.0100	mg/L		5/8/2015 16:11
Iron	**9.91**	mg/L		5/8/2015 16:11
Manganese	**0.0298**	mg/L		5/8/2015 16:11
Sodium	**44.6**	mg/L		5/8/2015 16:11

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 5/7/2015
Data File: 050815a

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-5-PI12
Lab Sample ID: 151696-05 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/7/2015 19:47
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/7/2015 19:47
1,1,2-Trichloroethane	< 2.00	ug/L		5/7/2015 19:47
1,1-Dichloroethane	< 2.00	ug/L		5/7/2015 19:47
1,1-Dichloroethene	< 2.00	ug/L		5/7/2015 19:47
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/7/2015 19:47
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/7/2015 19:47
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		5/7/2015 19:47
1,2-Dibromoethane	< 2.00	ug/L		5/7/2015 19:47
1,2-Dichlorobenzene	< 2.00	ug/L		5/7/2015 19:47
1,2-Dichloroethane	< 2.00	ug/L		5/7/2015 19:47
1,2-Dichloropropane	< 2.00	ug/L		5/7/2015 19:47
1,3-Dichlorobenzene	< 2.00	ug/L		5/7/2015 19:47
1,4-Dichlorobenzene	< 2.00	ug/L		5/7/2015 19:47
1,4-dioxane	< 20.0	ug/L		5/7/2015 19:47
2-Butanone	< 10.0	ug/L		5/7/2015 19:47
2-Hexanone	< 5.00	ug/L		5/7/2015 19:47
4-Methyl-2-pentanone	< 5.00	ug/L		5/7/2015 19:47
Acetone	< 10.0	ug/L		5/7/2015 19:47
Benzene	< 0.700	ug/L		5/7/2015 19:47
Bromochloromethane	< 5.00	ug/L		5/7/2015 19:47
Bromodichloromethane	< 2.00	ug/L		5/7/2015 19:47
Bromoform	< 5.00	ug/L		5/7/2015 19:47
Bromomethane	< 2.00	ug/L		5/7/2015 19:47
Carbon disulfide	< 2.00	ug/L		5/7/2015 19:47
Carbon Tetrachloride	< 2.00	ug/L		5/7/2015 19:47
Chlorobenzene	< 2.00	ug/L		5/7/2015 19:47

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-5-PI12
Lab Sample ID: 151696-05 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Chloroethane	< 2.00	ug/L		5/7/2015	19:47
Chloroform	< 2.00	ug/L		5/7/2015	19:47
Chloromethane	< 2.00	ug/L		5/7/2015	19:47
cis-1,2-Dichloroethene	**4.52**	ug/L		5/7/2015	19:47
cis-1,3-Dichloropropene	< 2.00	ug/L		5/7/2015	19:47
Cyclohexane	< 10.0	ug/L		5/7/2015	19:47
Dibromochloromethane	< 2.00	ug/L		5/7/2015	19:47
Dichlorodifluoromethane	< 2.00	ug/L		5/7/2015	19:47
Ethylbenzene	< 2.00	ug/L		5/7/2015	19:47
Freon 113	< 2.00	ug/L		5/7/2015	19:47
Isopropylbenzene	< 2.00	ug/L		5/7/2015	19:47
m,p-Xylene	< 2.00	ug/L		5/7/2015	19:47
Methyl acetate	< 2.00	ug/L		5/7/2015	19:47
Methyl tert-butyl Ether	< 2.00	ug/L		5/7/2015	19:47
Methylcyclohexane	< 2.00	ug/L		5/7/2015	19:47
Methylene chloride	< 5.00	ug/L		5/7/2015	19:47
o-Xylene	< 2.00	ug/L		5/7/2015	19:47
Styrene	< 5.00	ug/L		5/7/2015	19:47
Tetrachloroethene	< 2.00	ug/L		5/7/2015	19:47
Toluene	< 2.00	ug/L		5/7/2015	19:47
trans-1,2-Dichloroethene	< 2.00	ug/L		5/7/2015	19:47
trans-1,3-Dichloropropene	< 2.00	ug/L		5/7/2015	19:47
Trichloroethene	< 2.00	ug/L		5/7/2015	19:47
Trichlorofluoromethane	< 2.00	ug/L		5/7/2015	19:47
Vinyl chloride	**1.61**	ug/L	J	5/7/2015	19:47

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-5-PI12
Lab Sample ID: 151696-05 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**98.2**	82.3 - 115		5/7/2015	19:47
4-Bromofluorobenzene	**89.3**	85.5 - 111		5/7/2015	19:47
Pentafluorobenzene	**93.3**	91.2 - 107		5/7/2015	19:47
Toluene-D8	**96.5**	90.9 - 108		5/7/2015	19:47

Method Reference(s): EPA 8260C
EPA 5030
Data File: x22619.D

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-5-PI12		
Lab Sample ID:	151696-05	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Total Organic Carbon

Analyte	Result	Units	Qualifier	Date Analyzed
Total Organic Carbon	**2.2**	mg/L		5/12/2015

Method Reference(s): SM 5310 C
Subcontractor ELAP ID: 10709

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Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-6-PI12		
Lab Sample ID:	151696-06	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	< 0.0100	mg/L		5/8/2015 16:15
Iron	**0.864**	mg/L		5/8/2015 16:15
Manganese	**0.0309**	mg/L		5/8/2015 16:15
Sodium	**68.8**	mg/L		5/8/2015 16:15

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 5/7/2015
Data File: 050815a

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-6-PI12		
Lab Sample ID:	151696-06	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 10.0	ug/L		5/7/2015 20:32
1,1,2,2-Tetrachloroethane	< 10.0	ug/L		5/7/2015 20:32
1,1,2-Trichloroethane	< 10.0	ug/L		5/7/2015 20:32
1,1-Dichloroethane	< 10.0	ug/L		5/7/2015 20:32
1,1-Dichloroethene	< 10.0	ug/L		5/7/2015 20:32
1,2,3-Trichlorobenzene	< 25.0	ug/L		5/7/2015 20:32
1,2,4-Trichlorobenzene	< 25.0	ug/L		5/7/2015 20:32
1,2-Dibromo-3-Chloropropane	< 50.0	ug/L		5/7/2015 20:32
1,2-Dibromoethane	< 10.0	ug/L		5/7/2015 20:32
1,2-Dichlorobenzene	< 10.0	ug/L		5/7/2015 20:32
1,2-Dichloroethane	< 10.0	ug/L		5/7/2015 20:32
1,2-Dichloropropane	< 10.0	ug/L		5/7/2015 20:32
1,3-Dichlorobenzene	< 10.0	ug/L		5/7/2015 20:32
1,4-Dichlorobenzene	< 10.0	ug/L		5/7/2015 20:32
1,4-dioxane	< 100	ug/L		5/7/2015 20:32
2-Butanone	< 50.0	ug/L		5/7/2015 20:32
2-Hexanone	< 25.0	ug/L		5/7/2015 20:32
4-Methyl-2-pentanone	< 25.0	ug/L		5/7/2015 20:32
Acetone	< 50.0	ug/L		5/7/2015 20:32
Benzene	< 3.50	ug/L		5/7/2015 20:32
Bromochloromethane	< 25.0	ug/L		5/7/2015 20:32
Bromodichloromethane	< 10.0	ug/L		5/7/2015 20:32
Bromoform	< 25.0	ug/L		5/7/2015 20:32
Bromomethane	< 10.0	ug/L		5/7/2015 20:32
Carbon disulfide	< 10.0	ug/L		5/7/2015 20:32
Carbon Tetrachloride	< 10.0	ug/L		5/7/2015 20:32
Chlorobenzene	< 10.0	ug/L		5/7/2015 20:32

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-6-PI12
Lab Sample ID: 151696-06 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Chloroethane	< 10.0	ug/L		5/7/2015	20:32
Chloroform	< 10.0	ug/L		5/7/2015	20:32
Chloromethane	< 10.0	ug/L		5/7/2015	20:32
cis-1,2-Dichloroethene	**373**	ug/L		5/7/2015	20:32
cis-1,3-Dichloropropene	< 10.0	ug/L		5/7/2015	20:32
Cyclohexane	< 50.0	ug/L		5/7/2015	20:32
Dibromochloromethane	< 10.0	ug/L		5/7/2015	20:32
Dichlorodifluoromethane	< 10.0	ug/L		5/7/2015	20:32
Ethylbenzene	< 10.0	ug/L		5/7/2015	20:32
Freon 113	< 10.0	ug/L		5/7/2015	20:32
Isopropylbenzene	< 10.0	ug/L		5/7/2015	20:32
m,p-Xylene	< 10.0	ug/L		5/7/2015	20:32
Methyl acetate	< 10.0	ug/L		5/7/2015	20:32
Methyl tert-butyl Ether	< 10.0	ug/L		5/7/2015	20:32
Methylcyclohexane	< 10.0	ug/L		5/7/2015	20:32
Methylene chloride	< 25.0	ug/L		5/7/2015	20:32
o-Xylene	< 10.0	ug/L		5/7/2015	20:32
Styrene	< 25.0	ug/L		5/7/2015	20:32
Tetrachloroethene	< 10.0	ug/L		5/7/2015	20:32
Toluene	< 10.0	ug/L		5/7/2015	20:32
trans-1,2-Dichloroethene	**6.18**	ug/L	J	5/7/2015	20:32
trans-1,3-Dichloropropene	< 10.0	ug/L		5/7/2015	20:32
Trichloroethene	< 10.0	ug/L		5/7/2015	20:32
Trichlorofluoromethane	< 10.0	ug/L		5/7/2015	20:32
Vinyl chloride	**367**	ug/L		5/7/2015	20:32

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-6-PI12
Lab Sample ID: 151696-06 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**98.7**	82.3 - 115		5/7/2015	20:32
4-Bromofluorobenzene	**87.5**	85.5 - 111		5/7/2015	20:32
Pentafluorobenzene	**95.0**	91.2 - 107		5/7/2015	20:32
Toluene-D8	**94.5**	90.9 - 108		5/7/2015	20:32

Method Reference(s): EPA 8260C
EPA 5030
Data File: x22621.D

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-6-PI12		
Lab Sample ID:	151696-06	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Total Organic Carbon

Analyte	Result	Units	Qualifier	Date Analyzed
Total Organic Carbon	**3.0**	mg/L		5/12/2015

Method Reference(s): SM 5310 C
Subcontractor ELAP ID: 10709

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Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-7-PI12		
Lab Sample ID:	151696-07	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Sodium	**49.9**	mg/L		5/8/2015 16:20

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 5/7/2015
Data File: 050815a

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-7-PI12		
Lab Sample ID:	151696-07	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/7/2015 20:09
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/7/2015 20:09
1,1,2-Trichloroethane	< 2.00	ug/L		5/7/2015 20:09
1,1-Dichloroethane	< 2.00	ug/L		5/7/2015 20:09
1,1-Dichloroethene	< 2.00	ug/L		5/7/2015 20:09
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/7/2015 20:09
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/7/2015 20:09
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		5/7/2015 20:09
1,2-Dibromoethane	< 2.00	ug/L		5/7/2015 20:09
1,2-Dichlorobenzene	< 2.00	ug/L		5/7/2015 20:09
1,2-Dichloroethane	< 2.00	ug/L		5/7/2015 20:09
1,2-Dichloropropane	< 2.00	ug/L		5/7/2015 20:09
1,3-Dichlorobenzene	< 2.00	ug/L		5/7/2015 20:09
1,4-Dichlorobenzene	< 2.00	ug/L		5/7/2015 20:09
1,4-dioxane	< 20.0	ug/L		5/7/2015 20:09
2-Butanone	< 10.0	ug/L		5/7/2015 20:09
2-Hexanone	< 5.00	ug/L		5/7/2015 20:09
4-Methyl-2-pentanone	< 5.00	ug/L		5/7/2015 20:09
Acetone	< 10.0	ug/L		5/7/2015 20:09
Benzene	< 0.700	ug/L		5/7/2015 20:09
Bromochloromethane	< 5.00	ug/L		5/7/2015 20:09
Bromodichloromethane	< 2.00	ug/L		5/7/2015 20:09
Bromoform	< 5.00	ug/L		5/7/2015 20:09
Bromomethane	< 2.00	ug/L		5/7/2015 20:09
Carbon disulfide	< 2.00	ug/L		5/7/2015 20:09
Carbon Tetrachloride	< 2.00	ug/L		5/7/2015 20:09
Chlorobenzene	< 2.00	ug/L		5/7/2015 20:09

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-7-PI12
Lab Sample ID: 151696-07 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Chloroethane	< 2.00	ug/L		5/7/2015	20:09
Chloroform	< 2.00	ug/L		5/7/2015	20:09
Chloromethane	< 2.00	ug/L		5/7/2015	20:09
cis-1,2-Dichloroethene	< 2.00	ug/L		5/7/2015	20:09
cis-1,3-Dichloropropene	< 2.00	ug/L		5/7/2015	20:09
Cyclohexane	< 10.0	ug/L		5/7/2015	20:09
Dibromochloromethane	< 2.00	ug/L		5/7/2015	20:09
Dichlorodifluoromethane	< 2.00	ug/L		5/7/2015	20:09
Ethylbenzene	< 2.00	ug/L		5/7/2015	20:09
Freon 113	< 2.00	ug/L		5/7/2015	20:09
Isopropylbenzene	< 2.00	ug/L		5/7/2015	20:09
m,p-Xylene	< 2.00	ug/L		5/7/2015	20:09
Methyl acetate	< 2.00	ug/L		5/7/2015	20:09
Methyl tert-butyl Ether	< 2.00	ug/L		5/7/2015	20:09
Methylcyclohexane	< 2.00	ug/L		5/7/2015	20:09
Methylene chloride	< 5.00	ug/L		5/7/2015	20:09
o-Xylene	< 2.00	ug/L		5/7/2015	20:09
Styrene	< 5.00	ug/L		5/7/2015	20:09
Tetrachloroethene	< 2.00	ug/L		5/7/2015	20:09
Toluene	< 2.00	ug/L		5/7/2015	20:09
trans-1,2-Dichloroethene	< 2.00	ug/L		5/7/2015	20:09
trans-1,3-Dichloropropene	< 2.00	ug/L		5/7/2015	20:09
Trichloroethene	**1.29**	ug/L	J	5/7/2015	20:09
Trichlorofluoromethane	< 2.00	ug/L		5/7/2015	20:09
Vinyl chloride	**2.87**	ug/L		5/7/2015	20:09

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-7-PI12
Lab Sample ID: 151696-07 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**98.8**	82.3 - 115		5/7/2015	20:09
4-Bromofluorobenzene	**87.9**	85.5 - 111		5/7/2015	20:09
Pentafluorobenzene	**92.8**	91.2 - 107		5/7/2015	20:09
Toluene-D8	**96.0**	90.9 - 108		5/7/2015	20:09

Method Reference(s): EPA 8260C
EPA 5030
Data File: x22620.D

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-7-PI12		
Lab Sample ID:	151696-07	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Total Organic Carbon

Analyte	Result	Units	Qualifier	Date Analyzed
Total Organic Carbon	**3.1**	mg/L		5/12/2015

Method Reference(s): SM 5310 C
Subcontractor ELAP ID: 10709

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Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-9-PI12		
Lab Sample ID:	151696-08	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	< 0.0100	mg/L		5/8/2015 16:24
Iron	**0.0765**	mg/L	J	5/8/2015 16:24
Manganese	**0.214**	mg/L		5/8/2015 16:24
Sodium	**32.0**	mg/L		5/8/2015 16:24

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 5/7/2015
Data File: 050815a

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-9-PI12
Lab Sample ID: 151696-08 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/9/2015 01:49
1,1,2,2-Tetrachloroethane	< 2.00	ug/L	M	5/9/2015 01:49
1,1,2-Trichloroethane	< 2.00	ug/L		5/9/2015 01:49
1,1-Dichloroethane	< 2.00	ug/L		5/9/2015 01:49
1,1-Dichloroethene	< 2.00	ug/L		5/9/2015 01:49
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/9/2015 01:49
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/9/2015 01:49
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		5/9/2015 01:49
1,2-Dibromoethane	< 2.00	ug/L		5/9/2015 01:49
1,2-Dichlorobenzene	< 2.00	ug/L		5/9/2015 01:49
1,2-Dichloroethane	< 2.00	ug/L		5/9/2015 01:49
1,2-Dichloropropane	< 2.00	ug/L		5/9/2015 01:49
1,3-Dichlorobenzene	< 2.00	ug/L		5/9/2015 01:49
1,4-Dichlorobenzene	< 2.00	ug/L		5/9/2015 01:49
1,4-dioxane	< 20.0	ug/L		5/9/2015 01:49
2-Butanone	< 10.0	ug/L		5/9/2015 01:49
2-Hexanone	< 5.00	ug/L		5/9/2015 01:49
4-Methyl-2-pentanone	< 5.00	ug/L		5/9/2015 01:49
Acetone	< 10.0	ug/L		5/9/2015 01:49
Benzene	< 0.700	ug/L		5/9/2015 01:49
Bromochloromethane	< 5.00	ug/L		5/9/2015 01:49
Bromodichloromethane	< 2.00	ug/L		5/9/2015 01:49
Bromoform	< 5.00	ug/L	M	5/9/2015 01:49
Bromomethane	< 2.00	ug/L		5/9/2015 01:49
Carbon disulfide	< 2.00	ug/L		5/9/2015 01:49
Carbon Tetrachloride	< 2.00	ug/L		5/9/2015 01:49
Chlorobenzene	< 2.00	ug/L		5/9/2015 01:49

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-9-PI12
Lab Sample ID: 151696-08 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Chloroethane	< 2.00	ug/L	5/9/2015	01:49
Chloroform	< 2.00	ug/L	5/9/2015	01:49
Chloromethane	< 2.00	ug/L	5/9/2015	01:49
cis-1,2-Dichloroethene	< 2.00	ug/L	5/9/2015	01:49
cis-1,3-Dichloropropene	< 2.00	ug/L	5/9/2015	01:49
Cyclohexane	< 10.0	ug/L	5/9/2015	01:49
Dibromochloromethane	< 2.00	ug/L	5/9/2015	01:49
Dichlorodifluoromethane	< 2.00	ug/L	5/9/2015	01:49
Ethylbenzene	< 2.00	ug/L	5/9/2015	01:49
Freon 113	< 2.00	ug/L	5/9/2015	01:49
Isopropylbenzene	< 2.00	ug/L	5/9/2015	01:49
m,p-Xylene	< 2.00	ug/L	5/9/2015	01:49
Methyl acetate	< 2.00	ug/L	5/9/2015	01:49
Methyl tert-butyl Ether	< 2.00	ug/L	5/9/2015	01:49
Methylcyclohexane	< 2.00	ug/L	5/9/2015	01:49
Methylene chloride	< 5.00	ug/L	5/9/2015	01:49
o-Xylene	< 2.00	ug/L	5/9/2015	01:49
Styrene	< 5.00	ug/L	5/9/2015	01:49
Tetrachloroethene	**2.13**	ug/L	5/9/2015	01:49
Toluene	< 2.00	ug/L	5/9/2015	01:49
trans-1,2-Dichloroethene	< 2.00	ug/L	5/9/2015	01:49
trans-1,3-Dichloropropene	< 2.00	ug/L	5/9/2015	01:49
Trichloroethene	< 2.00	ug/L	5/9/2015	01:49
Trichlorofluoromethane	< 2.00	ug/L	5/9/2015	01:49
Vinyl chloride	< 2.00	ug/L	5/9/2015	01:49

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-9-PI12
Lab Sample ID: 151696-08 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**106**	82.3 - 115		5/9/2015	01:49
4-Bromofluorobenzene	**87.8**	85.5 - 111		5/9/2015	01:49
Pentafluorobenzene	**96.8**	91.2 - 107		5/9/2015	01:49
Toluene-D8	**94.0**	90.9 - 108		5/9/2015	01:49

Method Reference(s): EPA 8260C
EPA 5030
Data File: x22668.D

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-9-PI12		
Lab Sample ID:	151696-08	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Total Organic Carbon

Analyte	Result	Units	Qualifier	Date Analyzed
Total Organic Carbon	**1.7**	mg/L		5/12/2015

Method Reference(s): SM 5310 C
Subcontractor ELAP ID: 10709

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Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-12-PI12		
Lab Sample ID:	151696-09	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Sodium	**213**	mg/L		5/8/2015 16:45

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 5/7/2015
Data File: 050815a

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-12-PI12
Lab Sample ID: 151696-09 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/9/2015 01:26
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/9/2015 01:26
1,1,2-Trichloroethane	< 2.00	ug/L		5/9/2015 01:26
1,1-Dichloroethane	< 2.00	ug/L		5/9/2015 01:26
1,1-Dichloroethene	< 2.00	ug/L		5/9/2015 01:26
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/9/2015 01:26
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/9/2015 01:26
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		5/9/2015 01:26
1,2-Dibromoethane	< 2.00	ug/L		5/9/2015 01:26
1,2-Dichlorobenzene	< 2.00	ug/L		5/9/2015 01:26
1,2-Dichloroethane	< 2.00	ug/L		5/9/2015 01:26
1,2-Dichloropropane	< 2.00	ug/L		5/9/2015 01:26
1,3-Dichlorobenzene	< 2.00	ug/L		5/9/2015 01:26
1,4-Dichlorobenzene	< 2.00	ug/L		5/9/2015 01:26
1,4-dioxane	< 20.0	ug/L		5/9/2015 01:26
2-Butanone	< 10.0	ug/L		5/9/2015 01:26
2-Hexanone	< 5.00	ug/L		5/9/2015 01:26
4-Methyl-2-pentanone	< 5.00	ug/L		5/9/2015 01:26
Acetone	< 10.0	ug/L		5/9/2015 01:26
Benzene	< 0.700	ug/L		5/9/2015 01:26
Bromochloromethane	< 5.00	ug/L		5/9/2015 01:26
Bromodichloromethane	< 2.00	ug/L		5/9/2015 01:26
Bromoform	< 5.00	ug/L		5/9/2015 01:26
Bromomethane	< 2.00	ug/L		5/9/2015 01:26
Carbon disulfide	< 2.00	ug/L		5/9/2015 01:26
Carbon Tetrachloride	< 2.00	ug/L		5/9/2015 01:26
Chlorobenzene	< 2.00	ug/L		5/9/2015 01:26

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-12-PI12
Lab Sample ID: 151696-09 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Chloroethane	< 2.00	ug/L	5/9/2015	01:26
Chloroform	< 2.00	ug/L	5/9/2015	01:26
Chloromethane	< 2.00	ug/L	5/9/2015	01:26
cis-1,2-Dichloroethene	**5.24**	ug/L	5/9/2015	01:26
cis-1,3-Dichloropropene	< 2.00	ug/L	5/9/2015	01:26
Cyclohexane	< 10.0	ug/L	5/9/2015	01:26
Dibromochloromethane	< 2.00	ug/L	5/9/2015	01:26
Dichlorodifluoromethane	< 2.00	ug/L	5/9/2015	01:26
Ethylbenzene	< 2.00	ug/L	5/9/2015	01:26
Freon 113	< 2.00	ug/L	5/9/2015	01:26
Isopropylbenzene	< 2.00	ug/L	5/9/2015	01:26
m,p-Xylene	< 2.00	ug/L	5/9/2015	01:26
Methyl acetate	< 2.00	ug/L	5/9/2015	01:26
Methyl tert-butyl Ether	< 2.00	ug/L	5/9/2015	01:26
Methylcyclohexane	< 2.00	ug/L	5/9/2015	01:26
Methylene chloride	< 5.00	ug/L	5/9/2015	01:26
o-Xylene	< 2.00	ug/L	5/9/2015	01:26
Styrene	< 5.00	ug/L	5/9/2015	01:26
Tetrachloroethene	**2.79**	ug/L	5/9/2015	01:26
Toluene	< 2.00	ug/L	5/9/2015	01:26
trans-1,2-Dichloroethene	< 2.00	ug/L	5/9/2015	01:26
trans-1,3-Dichloropropene	< 2.00	ug/L	5/9/2015	01:26
Trichloroethene	**4.85**	ug/L	5/9/2015	01:26
Trichlorofluoromethane	< 2.00	ug/L	5/9/2015	01:26
Vinyl chloride	< 2.00	ug/L	5/9/2015	01:26

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-RW-12-PI12
Lab Sample ID: 151696-09 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**106**	82.3 - 115		5/9/2015	01:26
4-Bromofluorobenzene	**89.6**	85.5 - 111		5/9/2015	01:26
Pentafluorobenzene	**101**	91.2 - 107		5/9/2015	01:26
Toluene-D8	**98.3**	90.9 - 108		5/9/2015	01:26

Method Reference(s): EPA 8260C
EPA 5030
Data File: x22667.D

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-RW-12-PI12		
Lab Sample ID:	151696-09	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Total Organic Carbon

Analyte	Result	Units	Qualifier	Date Analyzed
Total Organic Carbon	**6.2**	mg/L		5/13/2015

Method Reference(s): SM 5310 C
Subcontractor ELAP ID: 10709

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

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-DUP-PI12		
Lab Sample ID:	151696-10	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**0.0104**	mg/L		5/8/2015 16:49
Iron	**10.1**	mg/L		5/8/2015 16:49
Manganese	**0.949**	mg/L		5/8/2015 16:49
Sodium	**50.3**	mg/L		5/8/2015 16:49

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 5/7/2015
Data File: 050815a

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-DUP-PI12		
Lab Sample ID:	151696-10	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/9/2015 01:03
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/9/2015 01:03
1,1,2-Trichloroethane	< 2.00	ug/L		5/9/2015 01:03
1,1-Dichloroethane	< 2.00	ug/L		5/9/2015 01:03
1,1-Dichloroethene	< 2.00	ug/L		5/9/2015 01:03
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/9/2015 01:03
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/9/2015 01:03
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		5/9/2015 01:03
1,2-Dibromoethane	< 2.00	ug/L		5/9/2015 01:03
1,2-Dichlorobenzene	< 2.00	ug/L		5/9/2015 01:03
1,2-Dichloroethane	< 2.00	ug/L		5/9/2015 01:03
1,2-Dichloropropane	< 2.00	ug/L		5/9/2015 01:03
1,3-Dichlorobenzene	< 2.00	ug/L		5/9/2015 01:03
1,4-Dichlorobenzene	< 2.00	ug/L		5/9/2015 01:03
1,4-dioxane	< 20.0	ug/L		5/9/2015 01:03
2-Butanone	< 10.0	ug/L		5/9/2015 01:03
2-Hexanone	< 5.00	ug/L		5/9/2015 01:03
4-Methyl-2-pentanone	< 5.00	ug/L		5/9/2015 01:03
Acetone	< 10.0	ug/L		5/9/2015 01:03
Benzene	< 0.700	ug/L		5/9/2015 01:03
Bromochloromethane	< 5.00	ug/L		5/9/2015 01:03
Bromodichloromethane	< 2.00	ug/L		5/9/2015 01:03
Bromoform	< 5.00	ug/L		5/9/2015 01:03
Bromomethane	< 2.00	ug/L		5/9/2015 01:03
Carbon disulfide	< 2.00	ug/L		5/9/2015 01:03
Carbon Tetrachloride	< 2.00	ug/L		5/9/2015 01:03
Chlorobenzene	< 2.00	ug/L		5/9/2015 01:03

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-DUP-PI12
Lab Sample ID: 151696-10 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Chloroethane	< 2.00	ug/L	5/9/2015	01:03
Chloroform	< 2.00	ug/L	5/9/2015	01:03
Chloromethane	< 2.00	ug/L	5/9/2015	01:03
cis-1,2-Dichloroethene	**4.11**	ug/L	5/9/2015	01:03
cis-1,3-Dichloropropene	< 2.00	ug/L	5/9/2015	01:03
Cyclohexane	< 10.0	ug/L	5/9/2015	01:03
Dibromochloromethane	< 2.00	ug/L	5/9/2015	01:03
Dichlorodifluoromethane	< 2.00	ug/L	5/9/2015	01:03
Ethylbenzene	< 2.00	ug/L	5/9/2015	01:03
Freon 113	< 2.00	ug/L	5/9/2015	01:03
Isopropylbenzene	< 2.00	ug/L	5/9/2015	01:03
m,p-Xylene	< 2.00	ug/L	5/9/2015	01:03
Methyl acetate	< 2.00	ug/L	5/9/2015	01:03
Methyl tert-butyl Ether	< 2.00	ug/L	5/9/2015	01:03
Methylcyclohexane	< 2.00	ug/L	5/9/2015	01:03
Methylene chloride	< 5.00	ug/L	5/9/2015	01:03
o-Xylene	< 2.00	ug/L	5/9/2015	01:03
Styrene	< 5.00	ug/L	5/9/2015	01:03
Tetrachloroethene	< 2.00	ug/L	5/9/2015	01:03
Toluene	< 2.00	ug/L	5/9/2015	01:03
trans-1,2-Dichloroethene	< 2.00	ug/L	5/9/2015	01:03
trans-1,3-Dichloropropene	< 2.00	ug/L	5/9/2015	01:03
Trichloroethene	**2.42**	ug/L	5/9/2015	01:03
Trichlorofluoromethane	< 2.00	ug/L	5/9/2015	01:03
Vinyl chloride	**11.3**	ug/L	5/9/2015	01:03

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-DUP-PI12
Lab Sample ID: 151696-10 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**105**	82.3 - 115		5/9/2015	01:03
4-Bromofluorobenzene	**92.3**	85.5 - 111		5/9/2015	01:03
Pentafluorobenzene	**99.0**	91.2 - 107		5/9/2015	01:03
Toluene-D8	**98.0**	90.9 - 108		5/9/2015	01:03

Method Reference(s): EPA 8260C
EPA 5030
Data File: x22666.D

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-DUP-PI12		
Lab Sample ID:	151696-10	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Total Organic Carbon

Analyte	Result	Units	Qualifier	Date Analyzed
Total Organic Carbon	**5.3**	mg/L		5/13/2015

Method Reference(s): SM 5310 C
Subcontractor ELAP ID: 10709

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-B102-MW-PI12		
Lab Sample ID:	151696-11	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**0.00792**	mg/L	J	5/8/2015 16:53
Iron	**10.0**	mg/L		5/8/2015 16:53
Manganese	**0.945**	mg/L		5/8/2015 16:53
Sodium	**49.8**	mg/L		5/8/2015 16:53

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 5/7/2015
Data File: 050815a

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-B102-MW-PI12		
Lab Sample ID:	151696-11	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/9/2015 00:39
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/9/2015 00:39
1,1,2-Trichloroethane	< 2.00	ug/L		5/9/2015 00:39
1,1-Dichloroethane	< 2.00	ug/L		5/9/2015 00:39
1,1-Dichloroethene	< 2.00	ug/L		5/9/2015 00:39
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/9/2015 00:39
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/9/2015 00:39
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		5/9/2015 00:39
1,2-Dibromoethane	< 2.00	ug/L		5/9/2015 00:39
1,2-Dichlorobenzene	< 2.00	ug/L		5/9/2015 00:39
1,2-Dichloroethane	< 2.00	ug/L		5/9/2015 00:39
1,2-Dichloropropane	< 2.00	ug/L		5/9/2015 00:39
1,3-Dichlorobenzene	< 2.00	ug/L		5/9/2015 00:39
1,4-Dichlorobenzene	< 2.00	ug/L		5/9/2015 00:39
1,4-dioxane	< 20.0	ug/L		5/9/2015 00:39
2-Butanone	< 10.0	ug/L		5/9/2015 00:39
2-Hexanone	< 5.00	ug/L		5/9/2015 00:39
4-Methyl-2-pentanone	< 5.00	ug/L		5/9/2015 00:39
Acetone	< 10.0	ug/L		5/9/2015 00:39
Benzene	< 0.700	ug/L		5/9/2015 00:39
Bromochloromethane	< 5.00	ug/L		5/9/2015 00:39
Bromodichloromethane	< 2.00	ug/L		5/9/2015 00:39
Bromoform	< 5.00	ug/L		5/9/2015 00:39
Bromomethane	< 2.00	ug/L		5/9/2015 00:39
Carbon disulfide	< 2.00	ug/L		5/9/2015 00:39
Carbon Tetrachloride	< 2.00	ug/L		5/9/2015 00:39
Chlorobenzene	< 2.00	ug/L		5/9/2015 00:39

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B102-MW-PI12
Lab Sample ID: 151696-11 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Chloroethane	< 2.00	ug/L	5/9/2015	00:39
Chloroform	< 2.00	ug/L	5/9/2015	00:39
Chloromethane	< 2.00	ug/L	5/9/2015	00:39
cis-1,2-Dichloroethene	**4.10**	ug/L	5/9/2015	00:39
cis-1,3-Dichloropropene	< 2.00	ug/L	5/9/2015	00:39
Cyclohexane	< 10.0	ug/L	5/9/2015	00:39
Dibromochloromethane	< 2.00	ug/L	5/9/2015	00:39
Dichlorodifluoromethane	< 2.00	ug/L	5/9/2015	00:39
Ethylbenzene	< 2.00	ug/L	5/9/2015	00:39
Freon 113	< 2.00	ug/L	5/9/2015	00:39
Isopropylbenzene	< 2.00	ug/L	5/9/2015	00:39
m,p-Xylene	< 2.00	ug/L	5/9/2015	00:39
Methyl acetate	< 2.00	ug/L	5/9/2015	00:39
Methyl tert-butyl Ether	< 2.00	ug/L	5/9/2015	00:39
Methylcyclohexane	< 2.00	ug/L	5/9/2015	00:39
Methylene chloride	< 5.00	ug/L	5/9/2015	00:39
o-Xylene	< 2.00	ug/L	5/9/2015	00:39
Styrene	< 5.00	ug/L	5/9/2015	00:39
Tetrachloroethene	< 2.00	ug/L	5/9/2015	00:39
Toluene	< 2.00	ug/L	5/9/2015	00:39
trans-1,2-Dichloroethene	< 2.00	ug/L	5/9/2015	00:39
trans-1,3-Dichloropropene	< 2.00	ug/L	5/9/2015	00:39
Trichloroethene	**2.38**	ug/L	5/9/2015	00:39
Trichlorofluoromethane	< 2.00	ug/L	5/9/2015	00:39
Vinyl chloride	**11.0**	ug/L	5/9/2015	00:39

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B102-MW-PI12
Lab Sample ID: 151696-11 **Date Sampled:** 5/4/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**106**	82.3 - 115		5/9/2015	00:39
4-Bromofluorobenzene	**89.6**	85.5 - 111		5/9/2015	00:39
Pentafluorobenzene	**100**	91.2 - 107		5/9/2015	00:39
Toluene-D8	**96.2**	90.9 - 108		5/9/2015	00:39

Method Reference(s): EPA 8260C
EPA 5030
Data File: x22665.D

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-B102-MW-PI12		
Lab Sample ID:	151696-11	**Date Sampled:**	5/4/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Total Organic Carbon

Analyte	Result	Units	Qualifier	Date Analyzed
Total Organic Carbon	**5.4**	mg/L		5/13/2015

Method Reference(s): SM 5310 C
Subcontractor ELAP ID: 10709

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

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-B106-MW-PI12		
Lab Sample ID:	151696-12	**Date Sampled:**	5/5/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Sodium	**40.1**	mg/L		5/8/2015 16:58

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 5/7/2015
Data File: 050815a

Report Prepared Friday, May 15, 2015

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-B106-MW-PI12		
Lab Sample ID:	151696-12	**Date Sampled:**	5/5/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/9/2015 00:16
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/9/2015 00:16
1,1,2-Trichloroethane	< 2.00	ug/L		5/9/2015 00:16
1,1-Dichloroethane	< 2.00	ug/L		5/9/2015 00:16
1,1-Dichloroethene	< 2.00	ug/L		5/9/2015 00:16
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/9/2015 00:16
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/9/2015 00:16
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		5/9/2015 00:16
1,2-Dibromoethane	< 2.00	ug/L		5/9/2015 00:16
1,2-Dichlorobenzene	< 2.00	ug/L		5/9/2015 00:16
1,2-Dichloroethane	< 2.00	ug/L		5/9/2015 00:16
1,2-Dichloropropane	< 2.00	ug/L		5/9/2015 00:16
1,3-Dichlorobenzene	< 2.00	ug/L		5/9/2015 00:16
1,4-Dichlorobenzene	< 2.00	ug/L		5/9/2015 00:16
1,4-dioxane	< 20.0	ug/L		5/9/2015 00:16
2-Butanone	< 10.0	ug/L		5/9/2015 00:16
2-Hexanone	< 5.00	ug/L		5/9/2015 00:16
4-Methyl-2-pentanone	< 5.00	ug/L		5/9/2015 00:16
Acetone	< 10.0	ug/L		5/9/2015 00:16
Benzene	< 0.700	ug/L		5/9/2015 00:16
Bromochloromethane	< 5.00	ug/L		5/9/2015 00:16
Bromodichloromethane	< 2.00	ug/L		5/9/2015 00:16
Bromoform	< 5.00	ug/L		5/9/2015 00:16
Bromomethane	< 2.00	ug/L		5/9/2015 00:16
Carbon disulfide	< 2.00	ug/L		5/9/2015 00:16
Carbon Tetrachloride	< 2.00	ug/L		5/9/2015 00:16
Chlorobenzene	< 2.00	ug/L		5/9/2015 00:16

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B106-MW-PI12
Lab Sample ID: 151696-12 **Date Sampled:** 5/5/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Chloroethane	< 2.00	ug/L	5/9/2015	00:16
Chloroform	< 2.00	ug/L	5/9/2015	00:16
Chloromethane	< 2.00	ug/L	5/9/2015	00:16
cis-1,2-Dichloroethene	**10.2**	ug/L	5/9/2015	00:16
cis-1,3-Dichloropropene	< 2.00	ug/L	5/9/2015	00:16
Cyclohexane	< 10.0	ug/L	5/9/2015	00:16
Dibromochloromethane	< 2.00	ug/L	5/9/2015	00:16
Dichlorodifluoromethane	< 2.00	ug/L	5/9/2015	00:16
Ethylbenzene	< 2.00	ug/L	5/9/2015	00:16
Freon 113	< 2.00	ug/L	5/9/2015	00:16
Isopropylbenzene	< 2.00	ug/L	5/9/2015	00:16
m,p-Xylene	< 2.00	ug/L	5/9/2015	00:16
Methyl acetate	< 2.00	ug/L	5/9/2015	00:16
Methyl tert-butyl Ether	< 2.00	ug/L	5/9/2015	00:16
Methylcyclohexane	< 2.00	ug/L	5/9/2015	00:16
Methylene chloride	< 5.00	ug/L	5/9/2015	00:16
o-Xylene	< 2.00	ug/L	5/9/2015	00:16
Styrene	< 5.00	ug/L	5/9/2015	00:16
Tetrachloroethene	< 2.00	ug/L	5/9/2015	00:16
Toluene	< 2.00	ug/L	5/9/2015	00:16
trans-1,2-Dichloroethene	< 2.00	ug/L	5/9/2015	00:16
trans-1,3-Dichloropropene	< 2.00	ug/L	5/9/2015	00:16
Trichloroethene	**2.12**	ug/L	5/9/2015	00:16
Trichlorofluoromethane	< 2.00	ug/L	5/9/2015	00:16
Vinyl chloride	**4.89**	ug/L	5/9/2015	00:16

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B106-MW-PI12
Lab Sample ID: 151696-12 **Date Sampled:** 5/5/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**109**	82.3 - 115		5/9/2015	00:16
4-Bromofluorobenzene	**90.0**	85.5 - 111		5/9/2015	00:16
Pentafluorobenzene	**100**	91.2 - 107		5/9/2015	00:16
Toluene-D8	**97.0**	90.9 - 108		5/9/2015	00:16

Method Reference(s): EPA 8260C
EPA 5030
Data File: x22664.D

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-B106-MW-PI12		
Lab Sample ID:	151696-12	**Date Sampled:**	5/5/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Total Organic Carbon

Analyte	Result	Units	Qualifier	Date Analyzed
Total Organic Carbon	**1.5**	mg/L		5/13/2015

Method Reference(s): SM 5310 C
Subcontractor ELAP ID: 10709

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

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-B108-MW-PI12		
Lab Sample ID:	151696-13	**Date Sampled:**	5/5/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	< 0.0100	mg/L		5/8/2015 17:02
Iron	**0.999**	mg/L		5/8/2015 17:02
Manganese	**0.0818**	mg/L		5/8/2015 17:02
Sodium	**42.4**	mg/L		5/8/2015 17:02

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 5/7/2015
Data File: 050815a

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-B108-MW-PI12		
Lab Sample ID:	151696-13	**Date Sampled:**	5/5/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/8/2015 23:52
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/8/2015 23:52
1,1,2-Trichloroethane	< 2.00	ug/L		5/8/2015 23:52
1,1-Dichloroethane	< 2.00	ug/L		5/8/2015 23:52
1,1-Dichloroethene	< 2.00	ug/L		5/8/2015 23:52
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/8/2015 23:52
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/8/2015 23:52
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		5/8/2015 23:52
1,2-Dibromoethane	< 2.00	ug/L		5/8/2015 23:52
1,2-Dichlorobenzene	< 2.00	ug/L		5/8/2015 23:52
1,2-Dichloroethane	< 2.00	ug/L		5/8/2015 23:52
1,2-Dichloropropane	< 2.00	ug/L		5/8/2015 23:52
1,3-Dichlorobenzene	< 2.00	ug/L		5/8/2015 23:52
1,4-Dichlorobenzene	< 2.00	ug/L		5/8/2015 23:52
1,4-dioxane	< 20.0	ug/L		5/8/2015 23:52
2-Butanone	< 10.0	ug/L		5/8/2015 23:52
2-Hexanone	< 5.00	ug/L		5/8/2015 23:52
4-Methyl-2-pentanone	< 5.00	ug/L		5/8/2015 23:52
Acetone	< 10.0	ug/L		5/8/2015 23:52
Benzene	< 0.700	ug/L		5/8/2015 23:52
Bromochloromethane	< 5.00	ug/L		5/8/2015 23:52
Bromodichloromethane	< 2.00	ug/L		5/8/2015 23:52
Bromoform	< 5.00	ug/L		5/8/2015 23:52
Bromomethane	< 2.00	ug/L		5/8/2015 23:52
Carbon disulfide	< 2.00	ug/L		5/8/2015 23:52
Carbon Tetrachloride	< 2.00	ug/L		5/8/2015 23:52
Chlorobenzene	< 2.00	ug/L		5/8/2015 23:52

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B108-MW-PI12
Lab Sample ID: 151696-13 **Date Sampled:** 5/5/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Chloroethane	< 2.00	ug/L		5/8/2015	23:52
Chloroform	< 2.00	ug/L		5/8/2015	23:52
Chloromethane	< 2.00	ug/L		5/8/2015	23:52
cis-1,2-Dichloroethene	**1.49**	ug/L	J	5/8/2015	23:52
cis-1,3-Dichloropropene	< 2.00	ug/L		5/8/2015	23:52
Cyclohexane	< 10.0	ug/L		5/8/2015	23:52
Dibromochloromethane	< 2.00	ug/L		5/8/2015	23:52
Dichlorodifluoromethane	< 2.00	ug/L		5/8/2015	23:52
Ethylbenzene	< 2.00	ug/L		5/8/2015	23:52
Freon 113	< 2.00	ug/L		5/8/2015	23:52
Isopropylbenzene	< 2.00	ug/L		5/8/2015	23:52
m,p-Xylene	< 2.00	ug/L		5/8/2015	23:52
Methyl acetate	< 2.00	ug/L		5/8/2015	23:52
Methyl tert-butyl Ether	< 2.00	ug/L		5/8/2015	23:52
Methylcyclohexane	< 2.00	ug/L		5/8/2015	23:52
Methylene chloride	< 5.00	ug/L		5/8/2015	23:52
o-Xylene	< 2.00	ug/L		5/8/2015	23:52
Styrene	< 5.00	ug/L		5/8/2015	23:52
Tetrachloroethene	**14.4**	ug/L		5/8/2015	23:52
Toluene	< 2.00	ug/L		5/8/2015	23:52
trans-1,2-Dichloroethene	< 2.00	ug/L		5/8/2015	23:52
trans-1,3-Dichloropropene	< 2.00	ug/L		5/8/2015	23:52
Trichloroethene	**2.72**	ug/L		5/8/2015	23:52
Trichlorofluoromethane	< 2.00	ug/L		5/8/2015	23:52
Vinyl chloride	< 2.00	ug/L		5/8/2015	23:52

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-B108-MW-PI12
Lab Sample ID: 151696-13 **Date Sampled:** 5/5/2015
Matrix: Groundwater **Date Received:** 5/5/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**104**	82.3 - 115		5/8/2015 23:52
4-Bromofluorobenzene	**93.0**	85.5 - 111		5/8/2015 23:52
Pentafluorobenzene	**99.5**	91.2 - 107		5/8/2015 23:52
Toluene-D8	**97.6**	90.9 - 108		5/8/2015 23:52

Method Reference(s): EPA 8260C
EPA 5030
Data File: x22663.D

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	LI-B108-MW-PI12		
Lab Sample ID:	151696-13	**Date Sampled:**	5/5/2015
Matrix:	Groundwater	**Date Received:**	5/5/2015

Total Organic Carbon

Analyte	Result	Units	Qualifier	Date Analyzed
Total Organic Carbon	**1.7**	mg/L		5/13/2015

Method Reference(s): SM 5310 C
Subcontractor ELAP ID: 10709

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

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier:	Trip Blank (T-614)		
Lab Sample ID:	151696-14	**Date Sampled:**	5/4/2015
Matrix:	Water	**Date Received:**	5/5/2015

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/7/2015 17:50
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/7/2015 17:50
1,1,2-Trichloroethane	< 2.00	ug/L		5/7/2015 17:50
1,1-Dichloroethane	< 2.00	ug/L		5/7/2015 17:50
1,1-Dichloroethene	< 2.00	ug/L		5/7/2015 17:50
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/7/2015 17:50
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/7/2015 17:50
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		5/7/2015 17:50
1,2-Dibromoethane	< 2.00	ug/L		5/7/2015 17:50
1,2-Dichlorobenzene	< 2.00	ug/L		5/7/2015 17:50
1,2-Dichloroethane	< 2.00	ug/L		5/7/2015 17:50
1,2-Dichloropropane	< 2.00	ug/L		5/7/2015 17:50
1,3-Dichlorobenzene	< 2.00	ug/L		5/7/2015 17:50
1,4-Dichlorobenzene	< 2.00	ug/L		5/7/2015 17:50
1,4-dioxane	< 20.0	ug/L		5/7/2015 17:50
2-Butanone	< 10.0	ug/L		5/7/2015 17:50
2-Hexanone	< 5.00	ug/L		5/7/2015 17:50
4-Methyl-2-pentanone	< 5.00	ug/L		5/7/2015 17:50
Acetone	< 10.0	ug/L		5/7/2015 17:50
Benzene	< 0.700	ug/L		5/7/2015 17:50
Bromochloromethane	< 5.00	ug/L		5/7/2015 17:50
Bromodichloromethane	< 2.00	ug/L		5/7/2015 17:50
Bromoform	< 5.00	ug/L		5/7/2015 17:50
Bromomethane	< 2.00	ug/L		5/7/2015 17:50
Carbon disulfide	< 2.00	ug/L		5/7/2015 17:50
Carbon Tetrachloride	< 2.00	ug/L		5/7/2015 17:50
Chlorobenzene	< 2.00	ug/L		5/7/2015 17:50

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: Trip Blank (T-614)
Lab Sample ID: 151696-14 **Date Sampled:** 5/4/2015
Matrix: Water **Date Received:** 5/5/2015

Chloroethane	< 2.00	ug/L	5/7/2015	17:50
Chloroform	< 2.00	ug/L	5/7/2015	17:50
Chloromethane	< 2.00	ug/L	5/7/2015	17:50
cis-1,2-Dichloroethene	< 2.00	ug/L	5/7/2015	17:50
cis-1,3-Dichloropropene	< 2.00	ug/L	5/7/2015	17:50
Cyclohexane	< 10.0	ug/L	5/7/2015	17:50
Dibromochloromethane	< 2.00	ug/L	5/7/2015	17:50
Dichlorodifluoromethane	< 2.00	ug/L	5/7/2015	17:50
Ethylbenzene	< 2.00	ug/L	5/7/2015	17:50
Freon 113	< 2.00	ug/L	5/7/2015	17:50
Isopropylbenzene	< 2.00	ug/L	5/7/2015	17:50
m,p-Xylene	< 2.00	ug/L	5/7/2015	17:50
Methyl acetate	< 2.00	ug/L	5/7/2015	17:50
Methyl tert-butyl Ether	< 2.00	ug/L	5/7/2015	17:50
Methylcyclohexane	< 2.00	ug/L	5/7/2015	17:50
Methylene chloride	< 5.00	ug/L	5/7/2015	17:50
o-Xylene	< 2.00	ug/L	5/7/2015	17:50
Styrene	< 5.00	ug/L	5/7/2015	17:50
Tetrachloroethene	< 2.00	ug/L	5/7/2015	17:50
Toluene	< 2.00	ug/L	5/7/2015	17:50
trans-1,2-Dichloroethene	< 2.00	ug/L	5/7/2015	17:50
trans-1,3-Dichloropropene	< 2.00	ug/L	5/7/2015	17:50
Trichloroethene	< 2.00	ug/L	5/7/2015	17:50
Trichlorofluoromethane	< 2.00	ug/L	5/7/2015	17:50
Vinyl chloride	< 2.00	ug/L	5/7/2015	17:50

Report Prepared Friday, May 15, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 151696

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: Trip Blank (T-614)
Lab Sample ID: 151696-14 **Date Sampled:** 5/4/2015
Matrix: Water **Date Received:** 5/5/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**95.5**	82.3 - 115		5/7/2015	17:50
4-Bromofluorobenzene	**90.6**	85.5 - 111		5/7/2015	17:50
Pentafluorobenzene	**93.9**	91.2 - 107		5/7/2015	17:50
Toluene-D8	**95.2**	90.9 - 108		5/7/2015	17:50

Method Reference(s): EPA 8260C
EPA 5030
Data File: x22614.D

Report Prepared Friday, May 15, 2015

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.

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

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	Stantec	CLIENT:	Stantec	151696
ADDRESS:	61 Commercial St.	ADDRESS:		Quotation #:
CITY:	Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:		Email:
PHONE:	413-5266	PHONE:	978-5248	Mike.staronsky@stantec.com
ATTN:	Mike Staronsky	ATTN:	Ben Haravitch	

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) TCL	TOC (415.1)	Na (6010)	Fe, Mn, As (6010)	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/5/15	0930		X	LI-RW-1-PI12	WG	5	X	X	X			01
2	5/5/15	1020			LI-RW-2-PI12		5	X	X	X	X		02
3	5/5/15	1140			LI-RW-3-PI12		5	X	X	X			03
4	5/4/15	0855			LI-RW-4-PI12		5	X	X	X			04
5	5/4/15	1125			LI-RW-5-PI12		5	X	X	X	X		05
6	5/4/15	1415			LI-RW-6-PI12		5	X	X	X	X		06
7	5/4/15	1525			LI-RW-7-PI12		5	X	X	X			07
8	5/4/15	1640			LI-RW-9-PI12 (MS/MSD)		15	X	X	X	X	MS/MSD	08
9	5/4/15	1310			LI-RW-12-PI12		5	X	X	X			09
10	5/4/15	1020			~~LI-R1~~ LI-DUP-PI12		5	X	X	X	X		10

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☒
Rush 2 day	☐	Category B	☒		
Rush 1 day	☐				
Other	☒	Other	☐	Other EDD	☒
please indicate:	10day	please indicate:		please indicate:	Stantec

Sampled By	Laura Best	5/5/15 16:15
Relinquished By	Laura Best	5/5/15 16:20
Received By	RR Lawson	5/5/15 1620
Received @ Lab By		5/5/15 16:53

Total Cost:

P.I.F.

6°C iced 5/5/15 16:47

Custody Seals n/a 1 samples delivered by client. GP 5/5/15

PARADIGM

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

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	LAB PROJECT ID
CLIENT: Stantec	CLIENT: Stantec	151696
ADDRESS: 61 Commercial St.	ADDRESS:	Quotation #:
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	
PHONE: 413-5266	PHONE: 978-5248	Email: mike.storonsky@stantec.com
ATTN: Mike Storonsky	ATTN: Ben Haravitch	

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 [illegible] 5/5/15)

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOCs (8260)	TOC (415.1)	Na (6010)	Fe, Mn, As (6010)	REMARKS	PARADIGM LAB SAMPLE NUMBER	
1	5/4/15	10:15		X	LI-B102-MW-PI12	WG	5	X	X	X	X		1	1
2	5/5/15	~~12:45~~	13:55	X	LI-B106-MW-PI12	WG	5	X	X	X			1	2
3	5/5/15	12:45		X	LI-B108-MW-PI12	WG	5	X	X	X	X		1	3
4	5/4/15	—			Trip Blank (T-614)	WA	1	X					1	4
5	per Trip Blank label 5/5/15				per sample label 5/5/15									
6														
7														
8														
9														
10														

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☒
Rush 2 day	☐	Category B	☒		
Rush 1 day	☐				
Other please indicate: 10 day	☒	Other please indicate:	☐	Other EDD please indicate: Stantec	☐

	Name	Date/Time
Sampled By	Laura Best	5/5/15 16:15
Relinquished By	Laura Best	5/5/15 1620
Received By	KR Hansen	5/5/15 1620
Received @ Lab By	[illegible]	5/5/15 16:53

Total Cost:

P.I.F.

Chain of Custody Supplement

Client: Stantec

Completed by: Glenn Pezzalo

Lab Project ID: 151696

Date: 5/5/15

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		X metals
Comments			
Preservation	X		
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		X metals
Comments	6°C iced		
Sufficient Sample Quantity	X		
Comments			

1505072018

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

CHAIN OF CUSTODY

ADIRONDACK: ELAP ID: 10709

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:		ADDRESS:			
CITY: STATE: ZIP:		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:		PHONE: FAX:		STD / OTHER	
PROJECT NAME/SITE NAME:		ATTN:	Kate Hansen	ATTN:	Meridith Dillman	1 [ ] 2 [ ] 3 [X] 5 [ ]
		COMMENTS:	Please email results to khansen@paradigmenv.com and reporting@paradigmenv.com	Date Due: 5/14 for data	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TOC									REMARKS	PARADIGM LAB SAMPLE NUMBER
																	Report J Flags. ASP Cat B Package due 5/27. SDG closed. SW-846 HT's.	
1	5/5/15	09:30		X	151696-01	Ground Water	2	X									LI-RW1-PI12	001
2		10:20			02												LI-RW-2-PI12	002
3		11:40			03												LI-RW-3-PI12	003
4	5/4/15	08:55			04												LI-RW-4-PI12	004
5		11:25			05												LI-RW-5-PI12	005
6		14:15			06												LI-RW-6-PI12	006
7		15:25			07												LI-RW-7-PI12	007
8		16:40			08		6		MS/MSD on 08								LI-RW-9-PI12	008
9		13:10			09		2										LI-RW-12-PI12	009
10		10:20			10												LI-~~RW~~ DUP-PI12	010

60 5/6/15

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244 Sample containers were not supplied by ACS J.M. 5/7/15

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

Client

Sampled By: DP	Date/Time: 5/6/15 16:00	Total Cost:
Relinquished By	Date/Time	
Received By	Date/Time: 5/7/15 10:13 Am	P.I.F.
Received @ Lab By	Date/Time	

15050 2015

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

CHAIN OF CUSTODY

ADIRONDACK: ELAP ID: 10709

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:		ADDRESS:			
CITY: STATE: ZIP:		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:		PHONE: FAX:		STD	OTHER
PROJECT NAME/SITE NAME:		ATTN:	Kate Hansen	ATTN:	Meridith Dillman	☐ 1 ☐ 2 ☐ 3 ☒ 5	☐
		COMMENTS:	Please email results to khansen@paradigmenv.com and reporting@paradigmenv.com	Date Due:	5/14 for data

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TOC	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/4/15	10:15		X	151696 - 11	Ground Water	2	X	LI - B102-MW-PI12	011
2	5/5/15	13:55		↓	12	↓	↓	↓	LI - B106-MW-PI12	012
3	↓	12:45		↓	13	↓	↓	↓	LI - B108-MW-PI12	013
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: TOC		

Client

Sampled By — Date/Time: 5/6/15 16:00

Relinquished By — Date/Time

Received By — Date/Time: 5/7/15 10:13 AM

Received @ Lab By — Date/Time

Total Cost:

P.I.F.

SiREM
Leading Science · Lasting Solutions

130 Research Lane, Ste 2
Guelph ON N1G 5G3
(519) 822-2265

Certificate of Analysis: Gene-Trac® *Dehalococcoides* Assay

Customer: Mike Storonsky, Stantec
Project: Carriage Factory
Customer Reference: 190500751

SiREM Reference: S-3572
Report Date: 21-May-15
Data Files: iQ5-DHC-QPCR-1227
iQ5-DB-DHC-QPCR-0581

Table 1a: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent Dhc *	*Dehalococcoides* Enumeration/Liter **
LI-B102-MW-PI12	DHC-11718	4-May-15	Groundwater	0.04 - 0.1 %	6×10^5
LI-B108-MW-PI12	DHC-11719	5-May-15	Groundwater	0.02 - 0.05 %	3×10^5

Notes:

* Percent *Dehalococcoides* (Dhc) in microbial population. This value is calculated by dividing the number of Dhc 16S ribosomal ribonucleic acid (rRNA) gene copies by the total number of bacteria as estimated by the mass of DNA extracted from the sample. Range represents normal variation in Dhc enumeration.

** Based on quantification of Dhc 16S rRNA gene copies. Dhc are generally reported to contain one 16S rRNA gene copy per cell; therefore, this number is often interpreted to represent the number of Dhc cells present in the sample.

J The associated value is an estimated quantity between the method detection limit and quantitation limit.
U Not detected, associated value is the quantification limit.
B Analyte was detected in the method blank within an order of magnitude of the test sample
NA Not applicable as *Dehalococcoides* not detected and/or quantifiable DNA not extracted from the sample.
I Sample inhibited the test reaction based on inability to PCR amplify extracted DNA with universal primers.
E Extracted genomic DNA was not detected in sample.

Analyst: _____
Ben Reside
Laboratory Technician

Approved: _____
Ximena Druar, B.Sc.
Genetic Testing Coordinator

SiREM
Leading Science · Lasting Solutions

130 Research Lane, Ste 2
Guelph ON N1G 5G3
(519) 822-2265

Certificate of Analysis: Gene-Trac® VC, Vinyl Chloride Reductase (*vcrA*) Assay

Customer: Mike Storonsky, Stantec

Project: Carriage Factory

Customer Reference: 190500751

SiREM Reference: S-3572

Report Date: 21-May-15

Data Files: MyiQ-VC-QPCR-0763
MyiQ-DB-VC-QPCR-0474

Table 1b: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent *vcrA* *	Vinyl Chloride Reductase (*vcrA*) Gene Copies/Liter
LI-B102-MW-PI12	VCR-5854	4-May-15	Groundwater	0.05 - 0.2 %	1×10^6
LI-B108-MW-PI12	VCR-5855	5-May-15	Groundwater	0.02 - 0.06 %	4×10^5

Notes:

* Percent *vcrA* in microbial population. This value is calculated by dividing the number of vinyl chloride reductase A (*vcrA)* gene copies quantified by the total number of bacteria estimated to be in the sample based on the mass of DNA extracted from the sample. Range represents normal variation in enumeration of *vcrA* .

J The associated value is an estimated quantity between the method detection limit and quantitation limit.
U Not detected, associated value is the quantification limit.
B Analyte was detected in the method blank within an order of magnitude of the test sample.
NA Not applicable as *vcrA* not detected and/or quantifiable DNA not extracted from the sample.
I Sample inhibited the test reaction based on inability to PCR amplify extracted DNA with universal primers.
C Correction factor applied to correct for non-specific PCR amplification products, value is an estimated quantity.

Analyst: _____
Ben Reside
Laboratory Technician

Approved: _____
Ximena Druar, B.Sc.
Genetic Testing Coordinator

Table 2: Detailed Test Parameters, Gene-Trac Test Reference S-3572

Customer Sample ID	LI-B102-MW-PI12	LI-B108-MW-PI12
SiREM Dhc Sample ID	DHC-11718	DHC-11719
SiREM *vcrA* Sample ID	VCR-5854	VCR-5855
Date Received *	7-May-15	7-May-15
Sample Temperature	4.4 ºC	4.4 ºC
Filtration Date *	12-May-15	12-May-15
Volume Used for DNA Extraction	500 mL	500 mL
DNA Extraction Date	14-May-15	14-May-15
DNA Concentration in Sample (extractable)	3549 ng/L	3625 ng/L
PCR Amplifiable DNA	Detected	Detected
Dhc qPCR Date Analyzed	14-May-15	14-May-15
***vcrA* qPCR Date Analyzed**	14-May-15	14-May-15
Laboratory Controls (see Tables 3 & 4)	Passed	Passed
Comments	--	--

Notes:

Refer to Tables 3 & 4 for detailed results of controls.
°C = degrees Celsius
Dhc = *Dehalococcoides*
DNA = Deoxyribonucleic acid
mL = milliliters
ng/L = nanograms per liter
NA = Not Applicable
ND = Not Detected
PCR = polymerase chain reaction
qPCR = quantitative PCR
vcrA = *vinyl chloride reductase*
*Samples are stabilized by freezing at -80 °C upon sample reception (field filters) or in-lab filtration (groundwater). Hold time not exceeded if sampling date is within 14 days of date received.

Table 3: Gene-Trac Dhc Control Results, Test Reference S-3572

Laboratory Control	Analysis Date	Control Description	Spiked Dhc 16S rRNA Gene Copies per Liter	Recovered Dhc 16S rRNA Gene Copies per Liter	Comments
Positive Control Low Concentration	14-May-15	qPCR with KB1 genomic DNA (CSLD-0865)	4.2×10^{6}	4.4×10^{6}	--
Positive Control High Concentration	14-May-15	qPCR with KB1 genomic DNA (CSHD-0865)	1.0×10^{10}	1.3×10^{10}	--
DNA Extraction Blank	14-May-15	DNA extraction sterile water (FB-2402)	0	2.6×10^{3} U	--
Negative Control	14-May-15	Tris Reagent Blank (TBD-0824)	0	2.6×10^{3} U	--

Notes:

Dhc = *Dehalococcoides*

DNA = Deoxyribonucleic acid

qPCR = quantitative PCR

16S rRNA = 16S ribosomal ribonucleic acid

U Not detected, associated value is the quantification limit.

Table 4: Gene-Trac VC Control Results, Test Reference S-3572

Laboratory Control	Analysis Date	Control Description	Spiked *vcrA* reductase Gene Copies per Liter	Recovered *vcrA* reductase Gene Copies per Liter	Comments
Positive Control Low Concentration	14-May-15	qPCR with KB1 genomic DNA (CSLV-0631)	1.1×10^{8}	1.6×10^{8}	--
Positive Control High Concentration	14-May-15	qPCR with KB1 genomic DNA (CSHV-0631)	2.9×10^{10}	2.0×10^{10}	--
DNA Extraction Blank	14-May-15	DNA extraction sterile water (FB-2402)	0	2.6×10^{3} U	--
Negative Control	14-May-15	Tris Reagent Blank (TBV-0602)	0	2.6×10^{3} U	--

Notes:

DNA = Deoxyribonucleic acid

qPCR = quantitative PCR

16S rRNA = 16S ribosomal ribonucleic acid

U Not detected, associated value is the quantification limit.

vcrA = vinyl chloride reductase

SiREM

Chain-of-Custody Form

siremlab.com

No. 3160

2240 Sutherland Avenue, Suite 107
Knoxville, TN 37919
865.330.0037

Lab # SK-0071

*Project Name: Carriage Factory	*Project #: 190500751		
*Project Manager: Mike Storonsky	*Company: Stantec		
*Email Address: Mike.storonsky@stantec.com			
Address (Street): 61 Commercial Street, Suite 100			
City: Rochester	State/Province: NY	Country: USA	
*Phone #: (585) 413-5266			
*Sampler's Signature: Laura Best	*Sampler's Printed Name: Laura Best		

Analysis

Client Sample ID	Sampling Date	Sampling Time	Matrix	# of Containers	Gene-Trac DHC	Gene-Trac VC	Gene-Trac DHB	Gene-Trac DHG	Treatability Study	Other Information
LI-B102-MW-PI12	5/4/15	10:15	GW	1	X	X				
LI-B108-MW-PI12	5/5/15	12:45	GW	1	X	X				

Preservative Key: 0. None; 1. HCL; 2. Other; 3. Other; 4. Other; 5. Other; 6. Other

Billing Information

P.O. # 190500751

*Bill To: Stantec

ATTN: Ben Haravitch

ben.haravitch@stantec.com

Turnaround Time Requested

Normal [X]

Rush [ ]

For Lab Use Only

Cooler Condition: Good

Cooler Temperature: Dry Ice Present

Custody Seals: Yes [ ] No [X]

For Lab Use Only

Proposal #:

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature: Laura Best	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: Laura Best	Printed Name: Nathan Kenner	Printed Name: Nathan Kenner	Printed Name: D. Trespoli	Printed Name:	Printed Name:
Firm: Stantec	Firm: SiREM	Firm: SiREM	Firm: SiREM	Firm:	Firm:
Date/Time: 5/6/15 12:00	Date/Time: 05/7/15 1100	Date/Time: 05/13/15 1300	Date/Time: MAY 14 '15 1:30pm	Date/Time:	Date/Time:

Distribution: White - return to Originator; Yellow - Lab Copy; Pink - Retained by Client

* Mandatory Fields

Stantec Consulting Services Inc.
61 Commercial Street, Suite 100
Rochester NY 14614-1009
Tel: (585) 475-1440
Fax: (585) 272-1814

Appendix B

Data Usability Summary Report (DUSR) – October 2014 and February 2015

Data Validation Services

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

Phone 518-251-4429
harry@frontiernet.net

May 22, 2015

Laura Best
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 Nos. 144730 and 150382

Dear Ms. Best:

Review has been completed for the data packages generated by Paradigm Environmental Services, Inc that pertain to samples collected between 10/28/14 and 02/04/15 at the 33 Litchfield Carriage Factory site. Twenty-four aqueous samples and two field duplicates were analyzed for TCL volatiles, total sodium, and TOC Six of the samples and the field duplicates were also processed for total arsenic, iron, and manganese. Matrix spikes and trip blanks were also processed. Analytical methodologies are those of the USEPA SW846 6010, 8260, and Standard Methods SM5310C. TOC results were subcontracted to Adirondack Environmental Services (AES).

The data package submitted by the laboratory contains full deliverables for validation, but 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
* ICP Serial Dilution Evaluations
* ICP Interference Check Samples
* 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 following item of concern is noted:

- the reporting limits for benzene in aqueous samples are edited upward (by 43%) to reflect processing

The accuracy and precision evaluations, data completeness, representativeness, and the analytical method comparability are acceptable.

Copies of the client sample identifications are attached to this text, and should be reviewed in conjunction with this report. Also attached are the client EDD files, 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 supplement to the chain-of-custody notes "yes" to indicate that the samples were preserved. Volatiles were processed within the holding time for unpreserved samples. Neither the volatile nor the metals preparation/analysis logs include the pH of the samples.

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 Paradigm data packages do not provide a method summary nor are the specific methods mentioned anywhere in the data packages.

The method 415.1 was requested on the chain-of-custody for the TOC analyses. The laboratory utilized method SM 5310C.

Field Duplicate Correlations

Aqueous field duplicates were collected at locations LI-RW-9-PI6 and LI-B102-MW-PI9, and show acceptable correlations.

Volatile Analyses by EPA8260

A reporting limit for benzene in aqueous samples of 0.7 ug/L (prior to the application of the dilution factor) was reported by the laboratory. However, the lowest initial calibration standard concentration is 1ug/L, and detection of that analyte at a lower concentration is not assured. Per the analytical protocol, the reporting limit in the samples has been elevated accordingly. Additionally detections of benzene below the established linear range have been qualified as estimated in value.

The following detections are qualified tentative in identification and estimated in value due to poor mass spectral identification:

- vinyl chloride in LI-RW2-PI6, LI-RW7-PI6, LI-RW-2-PI9, LI-RW-3-PI9, LI-RW-5-PI9, LI-RW-5-PI9, LI-RW-12-PI9, and LI-B102-MW-PI9
- methyl acetate in LI-RW2-PI6

The detection of LI-RW-1-PI9 are qualified tentative in identification and estimated in value due to poor mass spectral identification:

The matrix spikes of LI-B102-MW-PI6 and LI-B108-MW-PI9 show acceptable recoveries and correlations, with the exception of one slightly low recovery for bromomethane. No qualification to the data is made.

Calibration standards show acceptable responses, with the following exceptions, results for which are qualified as estimated in the indicated samples:

- 2-butanone (low RRFs) in al project samples
- acetone (low RRFs) in the samples reported in SDG 150382

The date of analysis for Trip Blank T-570 entered onto the tune QC summary Form 5 is incorrect.

Arsenic, Iron Manganese, and Sodium by EPA 6010

Matrix spikes/duplicate evaluations for arsenic, iron, manganese, and sodium on LI-B102-MW-PI6 and LI-B108-MW-PI9 show acceptable recoveries and correlations.

An ICP serial dilution evaluation was performed on LI-B102-MW-PI6, with correlations falling within validation guidelines.

The required low level calibration standard analyses were not reported with the data reported in SDG 144730. Therefore accuracy of reporting limits and low level detections has not been fully evaluated.

The blanks show no contamination affecting sample reported results.

TOC by SM5310C

Review was conducted for method compliance, holding times, transcription, calculations, standard and blank acceptability, accuracy and precision, etc., as applicable to each procedure.

Matrix spike/duplicate evaluations were performed for TOC on LI-B102-MW-PI6 and LI-B108-MW-PI9. That for the former shows acceptable recoveries and correlations. The matrix spike of the latter produced a low recovery (50%), with a marginally elevated correlation. Therefore, the result TOC in LI-B108-MW-PI9 has been qualified as estimated.

Due to outlying recoveries of associated low concentration standards, the following TOC results are qualified as estimated:

- LI-B106-MW-PI6, LI-RW9-PI6, and LI-DUP-PI6 have a low bias (51% recovery)
- LI-RW5-PI9, LI-RW7-PI9, LI-RW9-PI9, and LI-B106-MW-PI9 have a high bias (186%)

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# : 4730-01
LAB PROJECT #: 144730
CLIENT: Stantec
PROJECT NAME: Carriage Factory

BATCH COMPLETE: 10/30/2014
DATE: 10/31/2014
DATE DUE: 12/1/2014
PROTOCOL: SW846

LAB.SAMPLE#	FIELD ID	MATRIX	REQUESTED ANALYSIS	DATE SAMPLED	DATE REC'D
144730-01	LI-RW1-PI6	Water	VOAs, Mets, TOC	10/29/2014	10/30/2014
144730-02	LI-RW2-PI6	Water	VOAs, Mets, TOC	10/29/2014	10/30/2014
144730-03	LI-RW3-PI6	Water	VOAs, Mets, TOC	10/29/2014	10/30/2014
144730-04	LI-RW4-PI6	Water	VOAs, Mets, TOC	10/29/2014	10/30/2014
144730-05	LI-RW5-PI6	Water	VOAs, Mets, TOC	10/28/2014	10/30/2014
144730-06	LI-RW6-PI6	Water	VOAs, Mets, TOC	10/28/2014	10/30/2014
144730-07	LI-RW7-PI6	Water	VOAs, Mets, TOC	10/28/2014	10/30/2014
144730-08	LI-RW9-PI6	Water	VOAs, Mets, TOC	10/28/2014	10/30/2014
144730-09	LI-RW12-PI6	Water	VOAs, Mets, TOC	10/29/2014	10/30/2014
144730-10 QC	LI-B102-MW-PI6	Water	VOAs, Mets, TOC	10/28/2014	10/30/2014
144730-11	LI-B106-MW-PI6	Water	VOAs, Mets, TOC	10/28/2014	10/30/2014
144730-12	LI-B108-MW-PI6	Water	VOAs, Mets, TOC	10/29/2014	10/30/2014
144730-13	LI-DUP-PI6	Water	VOAs, Mets, TOC	10/28/2014	10/30/2014
144730-14	TRIP BLANK (T-570)	Water	VOAs	10/28/2014	10/30/2014

SDG# : 0382-01
LAB PROJECT #: 150382
CLIENT: Stantec
PROJECT NAME: Carriage Factory

BATCH COMPLETE: 2/19/2015
DATE: 2/19/2015
DATE DUE: 3/4/2015
PROTOCOL: SW846

LAB.SAMPLE#	FIELD ID	MATRIX	REQUESTED ANALYSIS	DATE SAMPLED	DATE REC'D
150382-01	LI-RW-1-PI9	Water	VOAs, Mets, TOC	2/3/2015	2/4/2015
150382-02	LI-RW-2-PI9	Water	VOAs, Mets, TOC	2/3/2015	2/4/2015
150382-03	LI-RW-3-PI9	Water	VOAs, Mets, TOC	2/3/2015	2/4/2015
150382-04	LI-RW-5-PI9	Water	VOAs, Mets, TOC	2/3/2015	2/4/2015
150382-05	LI-B102-MW-PI9	Water	VOAs, Mets, TOC	2/3/2015	2/4/2015
150382-06	LI-B106-MW-PI9	Water	VOAs, Mets, TOC	2/3/2015	2/4/2015
150382-07 QC	LI-B108-MW-PI9	Water	VOAs, Mets, TOC	2/3/2015	2/4/2015
150382-08	LI-RW-12-PI9	Water	VOAs, Mets, TOC	2/4/2015	2/4/2015
150382-09	LI-RW-6-PI9	Water	VOAs, Mets, TOC	2/4/2015	2/4/2015
150382-10	LI-RW-7-PI9	Water	VOAs, Mets, TOC	2/4/2015	2/4/2015
150382-11	LI-RW-4-PI9	Water	VOAs, Mets, TOC	2/4/2015	2/4/2015
150382-12	LI-RW-9-PI9	Water	VOAs, Mets, TOC	2/4/2015	2/4/2015
150382-13	LI-DUP-PI9	Water	VOAs, Mets, TOC	2/3/2015	2/4/2015
150382-14	LI-TRIP BLANK-P19 T-586	Water	VOAs	2/3/2015	2/4/2015