



Stantec Consulting Services Inc.
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December 10, 2014
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
 Monthly Progress Report #21
 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 Monthly Progress Report #21 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 during the month of November 2014.

1. Actions During The Previous Month

- On November 4 the purge water generated during the previous month's groundwater sampling event was sampled for discharge to the municipal sewer as outlined in Sewer-Use Permit #996 issued by Monroe County Department of Environmental Services (MCDES). As of November 21, a total of 129 gallons had been discharged from the elevator sump to the sewer under the permit, which equals an average of 4.3 gallons per day.
- The Environmental Easement for the site was executed by the NYSDEC on November 5 and recorded in the Monroe County Clerk's office on November 18.
- Attended the Calendar Call meeting at NYSDEC's Avon office on November 7.
- The certificate of occupancy for the site was issued by the City of Rochester on November 19.
- Submitted a Draft Environmental Easement Map to NYSDEC for review on November 26.

2. Data Received or Generated in the Previous Month

- NYSDEC comments on the Draft Site Management Plan (SMP) were received on November 6. NYSDOH comments were not included.



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33 Litchfield Street, Rochester, NY**

- Analytical results from the purge water sampled on November 4 were received on November 11. These results were forwarded to Monroe County, and the water was approved for discharge to the municipal sewer on November 12.
- Analytical results from the quarterly groundwater sampling event performed on October 28 and 29 were received on November 13 (the data are included on attached Table 1). These results reflect groundwater conditions six months after injection of sodium lactate and indicate that the parent volatile organic compounds continue to degrade into the daughter compounds and decrease in concentration. Please note these data should be considered preliminary as they have not yet undergone data validation.
- The Gene-trac assay results from a groundwater sample obtained during the October quarterly sampling event were received on November 13. The results were favorable and indicate that microbial populations remain approximately three orders of magnitude higher than the pre-lactate injection condition (Appendix A).
- NYSDEC comments on the Interim Remedial Measures and Construction Completion Report and Final Engineering Report (IRMCCR-FER) were received on November 19, 2014. NYSDOH comments were not included.

3. Deliverables Completed and Submitted during the Previous Month

- Monthly Progress Report No. 20 was submitted on November 10.
- The Certificate of Occupancy for the site issued by the City of Rochester was submitted to the Department on November 24.
- The Environmental Easement Property Survey was submitted to the Department on November 26.

4. Actions Scheduled for the Next Reporting Period

The following activities are anticipated to occur in December 2014:

- Submit to the Department the Recorded Environmental Easement and notification to the City of Rochester that the Easement had been filed on December 2. (Completed)
- Complete punch list items for the Sub-Slab Depressurization System (SSDS), including pipe labeling and the installation of guy wires to support the roof-mounted fans, on December 3. (Completed)
- Attend the Department's Calendar Call meeting on December 5. (Completed)
- Address agency comments and submit the final IRMCCR, SMP, and Alternatives Analysis Report/Remedial Action Work Plan (AAR/RAWP) documents to the Department.



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- Prepare a Data Usability Summary Report (DUSR) on the analytical data from the October 2014 groundwater sampling event.
- Receive the Certificate of Completion for the Site from the Department by December 31.

Closing

If you have any questions or require further information, please call me at any time.

Regards,

STANTEC CONSULTING SERVICES INC.

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

Attachments

Table 1 – Summary of Analytical Results in Groundwater (Preliminary)
Appendix A – Laboratory Analytical Report for Microbial Populations in Groundwater

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



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Tables

Table 1
Summary of Analytical Results in Groundwater (Preliminary)

DRAFT

Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area of Interest			On-Site Parking Lot																				
			B101MW						B102MW						RW-4						RW-11		
Sample Location			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	25-Apr-12	22-May-13	26-Mar-14	29-May-14	2-Jul-14	6-Aug-14	29-Oct-14	14-Jun-12	22-May-13	27-Mar-14		
Sample Date			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	RW-4	LI-RW-4-GW1	LI-RW-4	LI-RW-4-PI1	LI-RW-4-PI2	LI-RW-4-PI3	LI-RW4-PI6	RW-11	LI-RW-11-GW1	LI-RW-11		
Sample ID			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC		
Sampling Company			CCGE	CCGE	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH		
Laboratory			E2314	E2314	E2342	141138	141138	142196	142794	143439	144730	12:1770	E2342	141138	142196	142794	143439	144730	12:2523	E2342	141138		
Laboratory Work Order			E2314-01	E2314-02	E2342-04	141138-11	141138-14	142196-07	142794-09	143439-10	144730-10	12:1770-01	E2342-03	141138-04	142196-13	142794-10	143439-04	144730-04	12:2523-03	E2342-02	141138-09		
Laboratory Sample ID																							
Sample Type	Units	TOGS		Field Duplicate			Field Duplicate																
General Chemistry																							
Total Organic Carbon		µg/L	n/v	-	-	-	6000	4600	15200	146000	24600	7300	-	-	-	8200	339000	63000	6900	-	-		
Metals																							
Arsenic	µg/L	25 ^A	5.000 U	5.000 U	-	10 U	10 U	10 U	10 U	10 UJ	10 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	-	11.7 J	-	-	-	-	-	-	-	-		
Lead	µg/L	25 ^B	12.6	12.5	-	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	-		
Manganese	µg/L	300. ^B	5.42 J	5.53 J	-	694 ^B	675 ^B	1070 ^B	2280 ^B	1200 ^B	1060 ^B	-	667 J ^B	-	-	-	-	-	-	-	-		
Sodium	µg/L	20000 ^B	24700 ^B	27600 ^B	-	18500	18100	41100 ^B	169000 ^B	83100 M ^B	63800 ^B	-	8750	-	22300 ^B	298000 ^B	222000 ^B	43500 ^B	-	-	-		
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	25 U	10.0 U	6.72 J	10.0 U	12.7 J	10.0 U	-	25 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	0.700 U	0.700 UJ	5 U	1 U	1 U	1 U	0.700 U	-	5 U	1 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 UJ	5 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 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5 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 UJ	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 UJ	5 U	2.00 U		
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 UJ	5 U	2.00 U	2.00 U	3.04	3.64	2.00 U	-	5 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 UJ	5 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	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 UJ	5 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 U	5 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 U Q	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 UJ	5 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	-	-	-	-	-	-	-	-	-	R	-	-	-	-	-	-	R	-	-		
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 UJ	5 U	2.00 U	2.00 U	1.91 J	2.00 U	2.00 U	2.00 U	5 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 UJ	5 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	5 U	5 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	-	5 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	-	5 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	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 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 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 UJ	5 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	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 UJ	5 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	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 UJ	5 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	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	-	5 U	2.00 U		
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 UJ	5 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	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 UJ	5 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	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 UJ	5 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	5 U	5 U	7.5 ^B	4.45	4.44	4.61	7.04 ^B	68.7 ^B	7.01 ^B	23.1 J ^B	14.9 ^B	6.41 ^B	9.56 ^B	13.4 ^B	87.9 ^B	47.3 ^B	2.00 U	5 U	2.00 U		
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 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 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 UJ	5 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	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 UJ	5 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	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 UJ	5 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	100 U	R	R	R	R	R	R	20.0 U	-	R	R	R	R	R	20.0 U	-	R	R		
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 UJ	5 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	5 U	5 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	-	5 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 UJ	25 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	5 U	5 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	-	5 U	2.00 U		
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	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	5.93	-	5 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 U	10.0 UJ	25 U	10.0 UJ	10.0 U	20.8 J	15.8	10.0 U	-	25 U	10.0 UJ		
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	25 U	25 U	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	25 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	5 U	5 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	-	5 U	2.00 U		
Methylcyclohexane	µg/L	n/v	5 U	5 U	5 U</																		

Table 1
Summary of Analytical Results in Groundwater (Preliminary)

DRAFT

Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area of Interest			On-Site Parking Lot																		
Sample Location			B101MW					B102MW							RW-4				RW-11		
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	25-Apr-12	22-May-13	26-Mar-14	29-May-14	2-Jul-14	6-Aug-14	29-Oct-14	14-Jun-12	22-May-13	27-Mar-14
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	RW-4	LI-RW-4-GW1	LI-RW-4	LI-RW-4-PI1	LI-RW-4-PI2	LI-RW-4-PI3	LI-RW4-PI6	RW-11	LI-RW-11-GW1	LI-RW-11
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC
Laboratory			CCGE	CCGE	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH
Laboratory Work Order			E2314	E2314	E2342	141138	141138	142196	142794	143439	144730	12:1770	E2342	141138	142196	142794	143439	144730	12:2523	E2342	141138
Laboratory Sample ID			E2314-01	E2314-02	E2342-04	141138-11	141138-14	142196-07	142794-09	143439-10	144730-10	12:1770-01	E2342-03	141138-04	142196-13	142794-10	143439-04	144730-04	12:2523-03	E2342-02	141138-09
Sample Type	Units	TOGS		Field Duplicate			Field Duplicate														
Volatile Organic Compounds (cont'd)																					
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 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 U	5 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 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 UJ	5 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	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 UJ	5 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}	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	21.4 J ^B	19.8 ^B	10.3 ^B	18.0 ^B	20.4 ^B	34.3 ^B	13.7 ^B	2.00 U	5 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5 ^{..B}	5 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 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	5 U	5 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	-	5 U	2.00 U
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	5.00 UJ	-	-	-	-	-	-	-	-	-
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	3.86 J ^B	1.8 J	1.72 J	2.00 U	3.07 ^B	2.00 U	28.4 ^B	2.00 U	5 U	2.00 U
Xylene, m & p-	µg/L	5 ^{..B}	10 U	10 U	10 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	10 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}	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 UJ	5 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	2.11	1.2	43.83	38.63	40.04	32.93	84.53	75.28	27.81	110.96	92.3	85.48	110.28	135.62	209.95	105.63	ND	1.3	1.11
Volatile Organic Tentatively Identified Compounds																					
Total VOC TICs	µg/L	n/v	2.5 U	2.5 U	2.5 U	-	-	-	-	-	-	-	2.5 U	-	-	-	-	-	-	2.5 U	-

See notes on last page.

Table 1
Summary of Analytical Results in Groundwater (Preliminary)

Former Carriage Factory
33 Litchfield Street, Rochester, New York

DRAFT

Area of Interest Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type			On-Site Building																			
			B108MW												RW-1							
			23-May-13	26-Mar-14	28-May-14	2-Jul-14	7-Aug-14	28-Oct-14	23-May-13	26-Mar-14	28-May-14	28-May-14	2-Jul-14	8-Aug-14	29-Oct-14	23-Mar-12	23-May-13	26-Mar-14	29-May-14	1-Jul-14	8-Aug-14	29-Oct-14
			LI-B106MW-GW1	LI-B106-MW	LI-B106-MW-PI1	LI-B106-MW-PI2	LI-B106-MW-PI3	LI-B106-MW-PI6	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	RW-1	LI-RW-1-GW1	LI-RW-1	LI-RW-1-PI1	LI-RW-1-PI2	LI-RW-1-PI3	LI-RW1-PI6
			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH		
E2363	141138	142196	142794	143439	144730	E2363	141138	142196	142196	142794	143439	144730	12:1239	E2363	141138	142196	142794	143439	144730			
E2363-03	141138-12	142196-06	142794-11	143439-11	144730-11	E2363-02	141138-13	142196-04	142196-05	142794-12	143439-12	144730-12	12:1239-01	E2363-01	141138-01	142196-09	142794-08	143439-01	144730-01			
	Units	TOGS								Field Duplicate												
General Chemistry																						
Total Organic Carbon	µg/L	n/v	-	-	188000	514000	77600	4000	-	3300	60300	60200	86100	72200	45000	-	-	-	1060000	415000	43500	103000
Metals																						
Arsenic	µg/L	25 ^B	-	-	-	-	-	-	6.2	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-
Iron	µg/L	300. ^B	-	-	-	-	-	-	45.3	100 U	1400 ^B	978 ^B	3520 ^B	2480 ^B	2350 ^B	-	-	-	-	-	-	-
Lead	µg/L	25 ^B	-	-	-	-	-	-	4.9	-	-	-	-	-	-	-	-	-	-	-	-	
Manganese	µg/L	300. ^B	-	-	-	-	-	-	46.4 J	187	184	179	217	158	106	-	-	-	-	-	-	
Sodium	µg/L	20000 ^B	-	-	162000 ^B	375000 ^B	185000 ^B	59200 ^B	26300 ^B	33000 ^B	103000 ^B	101000 ^B	100000 M ^B	115000 ^B	82900 ^B	-	-	-	146000 ^B	331000 ^B	137000 ^B	146000 ^B
Volatile Organic Compounds																						
Acetone	µg/L	50 ^A	25 U	10.0 U	10.0 U	12.9	10.0 U	10.0 U	25 U	10.0 U	10.0 U	10.0 U	6.04 J	8.49 J	10.0 U	10.0 U	25 U	10.0 U	10.0 U	10.0 U	10.0 U	15.2
Benzene	µg/L	1 ^B	5 U	1 U	1 U	0.842 J	0.391 J	0.700 U	5 U	1 U	1 U	1 U	1 U	1 U	0.700 U	0.700 U	0.49 NJ	1 U	1 U	1 U	1 U	0.561 J
Bromodichloromethane	µg/L	50 ^A	5 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	5 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 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 UJ	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	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U
Carbon Disulfide	µg/L	60 ^A	5 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	5 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	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
Chlorobenzene (Monochlorobenzene)	µg/L	5.. ^B	5 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	5 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 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
Chloroethane (Ethyl Chloride)	µg/L	5.. ^B	5 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	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	R	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7 ^B	5 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	5 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	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
Cyclohexane	µg/L	n/v	0.69 J	10.0 U	10.0 U	15.8	7.47 J	10.0 U	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	4.5 NJ	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	5 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
Dibromochloromethane	µg/L	50 ^A	5 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	5 U	2.00 U	2.00 U	2.00 UJ	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	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
Dichlorobenzene, 1,3-	µg/L	3 ^B	5 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	5 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	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
Dichlorodifluoromethane (Freon 12)	µg/L	5.. ^B	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	-	5 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,1-	µg/L	5.. ^B	5 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	5 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	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
Dichloroethene, 1,1-	µg/L	5.. ^B	5 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	5 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	5.7 ^B	2.00 U	11.0 ^B	10.9 ^B	23.2 ^B	4.99	1.96 J	6.88 ^B	14.5 ^B	5.57 ^B	4.53	4.71	8.12 ^B	2.00 U
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	5 U	2.00 U	2.00 U	2.00 U	2.04	1.37 J	2.00 U	2.00 U	4.2 J	2.00 U	2.00 U	1.03 J	2.00 U	1.34 J
Dichloropropane, 1,2-	µg/L	1 ^B	5 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	5 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	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
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	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
Dioxane, 1,4-	µg/L	n/v	R	R	R	R	R	20.0 U	R	R	R	R	R	R	20.0 U	-	R	R	R	R	R	20.0 U
Ethylbenzene	µg/L	5.. ^B	5 U	2.00 U	2.00 U	1.79 J																

Table 1
Summary of Analytical Results in Groundwater (Preliminary)

DRAFT

Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area of Interest		Units	TOGS	On-Site Building																			
Sample Location	Sample Date			B106MW						B108MW						RW-1							
Sample ID	Sample Date			23-May-13	26-Mar-14	28-May-14	2-Jul-14	7-Aug-14	28-Oct-14	23-May-13	26-Mar-14	28-May-14	28-May-14	2-Jul-14	8-Aug-14	29-Oct-14	23-Mar-12	23-May-13	26-Mar-14	29-May-14	1-Jul-14	8-Aug-14	29-Oct-14
Sample ID	Sample Date			LI-B106MW-GW1	LI-B106-MW	LI-B106-MW-PI1	LI-B106-MW-PI2	LI-B106-MW-PI3	LI-B106-MW-PI6	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	RW-1	LI-RW-1-GW1	LI-RW-1	LI-RW-1-PI1	LI-RW-1-PI2	LI-RW-1-PI3	LI-RW1-PI6
Sampling Company	Sample Date			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory	Sample Date			CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order	Sample Date			E2363	141138	142196	142794	143439	144730	E2363	141138	142196	142196	142794	143439	144730	12:1239	E2363	141138	142196	142794	143439	144730
Laboratory Sample ID	Sample Date			E2363-03	141138-12	142196-06	142794-11	143439-11	144730-11	E2363-02	141138-13	142196-04	142196-05	142794-12	143439-12	144730-12	12:1239-01	E2363-01	141138-01	142196-09	142794-08	143439-01	144730-01
Sample Type	Sample Date												Field Duplicate										
Volatile Organic Compounds (cont'd)																							
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 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	
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 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	
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	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		
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	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		
Trichloroethene (TCE)	µg/L	5 ^{..B}	12 ^B	8.27 ^B	5.11 ^B	9.44 ^B	16.6 ^B	2.23	8.5 ^B	1.05 J	4.17	4.15	4.21	1.65 J	4.04	7.15 ^B	8.1 ^B	4.02	6.09 ^B	4.52	5.49 ^B	2.00 U	
Trichlorofluoromethane (Freon 11)	µg/L	5 ^{..B}	5 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	5 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	5 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		
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	5.00 U	-	-	-	-	-		
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	5 U	2.00 U	2.75 ^B	2.61 ^B	10.2 ^B	14.6 ^B	4.23 ^B	3.99 ^B	7.7 ^B	2.00 U	1.45 NJ	4.61 NJ ^B	5.29 NJ ^B	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	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		
Xylene, o-	µg/L	5 ^{..B}	5 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	5 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	30.1	12.43	41.92	40.21	97.89	104.53	53.93	24.74	46.19	17.78	28.59	108.31	30.97	74.40	
Volatile Organic Tentatively Identified Compounds																							
Total VOC TICs	µg/L	n/v	2.5 U	-	-	-	-	-	2.5 U	-	-	-	-	-	-	-	4.900 J	-	-	-	-	-	

See notes on last page.

Table 1
Summary of Analytical Results in Groundwater (Preliminary)

Former Carriage Factory
33 Litchfield Street, Rochester, New York

DRAFT

Area of Interest Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type			On-Site Building (cont'd)														Off-Site Locations									
			23-Mar-12	21-May-13	26-Mar-14	RW-2 29-May-14	1-Jul-14	8-Aug-14	29-Oct-14	23-Mar-12	22-May-13	26-Mar-14	RW-3 29-May-14	1-Jul-14	7-Aug-14	29-Oct-14	25-Apr-12	21-May-13	27-Mar-14	RW-5 29-May-14	2-Jul-14	7-Aug-14	28-Oct-14			
			RW-2	LI-RW-2-GW1	LI-RW-2	LI-RW-2-PI1	LI-RW-2-PI2	LI-RW-2-PI3	LI-RW2-PI6	RW-3	LI-RW-3-GW1	LI-RW-3	LI-RW-3-PI1	LI-RW-3-PI2	LI-RW-3-PI3	LI-RW3-PI6	RW-5	LI-RW-5-GW1	LI-RW-5	LI-RW-5-PI1	LI-RW-5-PI2	LI-RW-5-PI3	LI-RW5-PI6			
			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC			
			PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH			
			12:1239	E2314	141138	142196	142794	143439	144730	12:1239	E2342	141138	142196	142794	143439	144730	12:1770	E2314	141138	142196	142794	143439	144730			
			12:1239-02	E2314-03	141138-02	142196-10	142794-07	143439-02	144730-02	12:1239-03	E2342-01	141138-03	142196-11	142794-06	143439-03	144730-03	12:1770-02	E2314-06	141138-05	142196-14	142794-13	143439-05	144730-05			
	Units	TOGS																								
General Chemistry																										
Total Organic Carbon			µg/L	n/v	-	-	3200	553000	150000	259000	23900	-	-	-	229000	87900	12700	11000	-	-	3300	141000	299000	86700	8700	
Metals																										
Arsenic	µg/L	25 ^A	-	5.000 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	10 U			
Iron	µg/L	300. ^B	-	169	300	2220 ^B	1210 ^B	937 ^B	1430 ^B	-	-	-	-	-	-	-	-	-	100 U	2500 ^B	6250 ^B	6000 ^B	4420 ^B			
Lead	µg/L	25 ^B	-	9.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Manganese	µg/L	300. ^B	-	305 J ^B	120	233	60.8	108	187	-	-	-	-	-	-	-	-	-	69.2	69.1	102	60.4 B	47.8			
Sodium	µg/L	20000 ^B	-	35600 ^B	39100 ^B	370000 ^B	290000 ^B	197000 ^B	152000 ^B	-	-	-	252000 ^B	199000 ^B	103000 ^B	125000 ^B	-	-	39500 ^B	242000 ^B	312000 ^B	164000 ^B	85200 ^B			
Volatile Organic Compounds																										
Acetone	µg/L	50 ^A	10.0 U	160 ^A	10.0 U	32.4	19.4	9.47 J	10.0 U	10.0 U	25 U	10.0 U	132 ^A	43.2 J	47.6 J	10.0 U	10.0 UJ	2.6 J	10.0 U	10.0 U	7.44 J	10.0 U	10.0 U			
Benzene	µg/L	1 ^B	0.700 U	5 U	1 U	1 U	1 U	1 U	0.700 U	0.700 U	5 U	1 U	5 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			
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	5 U	2.00 U	10.0 U	10.0 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			
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 U	5.00 U	25.0 U	25.0 U	5.00 UJ	5.00 U	5.00 UJ	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U			
Bromomethane (Methyl bromide)	µg/L	5.. ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	5 U	2.00 U	10.0 U	10.0 UJ	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			
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	5 U	2.00 U	10.0 U	10.0 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			
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	5 U	2.00 U	10.0 U	10.0 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			
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	5 U	2.00 U	10.0 U	10.0 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			
Chlorobromomethane	µg/L	5.. ^B	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U	25.0 U	25.0 U	5.00 U	5.00 U	-	5 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	5 U	2.00 U	10.0 U	10.0 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			
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	R	-	-	-	-	-	-	R	-	-	-	-	-	-	R	-	-	-	-	-	-			
Chloroform (Trichloromethane)	µg/L	7 ^B	2.00 U	0.67 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	3.78	3.9 J	2.00 U	10.0 U	10.0 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			
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	5 U	2.00 U	10.0 U	10.0 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			
Cyclohexane	µg/L	n/v	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	5 U	10.0 U	50.0 U	50.0 U	10.0 U	10.0 U	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U			
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	-	5 U	10.0 U	50.0 U	50.0 U	10.0 U	10.0 U	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U			
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	5 U	2.00 U	10.0 U	10.0 U	2.00 UJ	2.00 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U			
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	5 U	2.00 U	10.0 U	10.0 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			
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	5 U	2.00 U	10.0 U	10.0 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			
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	5 U	2.00 U	10.0 U	10.0 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			
Dichlorodifluoromethane (Freon 12)	µg/L	5.. ^B	-	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	-	5 U	2.00 U	10.0 U	10.0 UJ	2.00 U	2.00 U	-	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U			
Dichloroethane, 1,1-	µg/L	5.. ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	10.0 U	10.0 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			
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	5 U	2.00 U	10.0 U	10.0 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			
Dichloroethene, 1,1-	µg/L	5.. ^B	2.00 U	1 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	10.0 U	10.0 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			
Dichloroethene, cis-1,2-	µg/L	5.. ^B	26.6 ^B	360 D ^B	38.8 ^B	55.7 ^B	51.3 ^B	23.6 ^B	87.7 ^B	81.8 ^B	130 ^B	3.77	30.1 ^B	90.5 ^B	143 ^B	3.35	49.5 J ^B	18.2 ^B	7.64 ^B	32.7 ^B	45.7 ^B	46.0 ^B	132 ^B			
Dichloroethene, trans-1,2-	µg/L	5.. ^B	2.43	11.4 ^B	2.39	3.06	2.50	3.57	12.8 ^B	10.2 ^B	18.8 ^B	2.00 U	10.0 U	7.12 J ^B	3.16	4.47	5.63 J ^B	2.2 J	1.10 J	2.92	1.89 J	1.32 J	3.78			
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	5 U	2.00 U	10.0 U	10.0 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			
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	5 U	2.00 U	10.0 U	10.0 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			
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	5 U	2.00 U	10.0 U	10.0 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			
Dioxane, 1,4-	µg/L	n/v	-	100 U	R	R	R	R	20.0 U	-	R	R	R	R	R	20.0 U	-	100 U	R	R	R	R	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	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	2.00 UJ	5 U								

Table 1
Summary of Analytical Results in Groundwater (Preliminary)

DRAFT

Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area of Interest			On-Site Building (cont'd)														Off-Site Locations							
Sample Location			RW-2								RW-3				RW-5									
Sample Date			23-Mar-12	21-May-13	26-Mar-14	29-May-14	1-Jul-14	8-Aug-14	29-Oct-14	23-Mar-12	22-May-13	26-Mar-14	29-May-14	1-Jul-14	7-Aug-14	29-Oct-14	25-Apr-12	21-May-13	27-Mar-14	29-May-14	2-Jul-14	7-Aug-14	28-Oct-14	
Sample ID			RW-2	LI-RW-2-GW1	LI-RW-2	LI-RW-2-PI1	LI-RW-2-PI2	LI-RW-2-PI3	LI-RW2-PI6	RW-3	LI-RW-3-GW1	LI-RW-3	LI-RW-3-PI1	LI-RW-3-PI2	LI-RW-3-PI3	LI-RW3-PI6	RW-5	LI-RW-5-GW1	LI-RW-5	LI-RW-5-PI1	LI-RW-5-PI2	LI-RW-5-PI3	LI-RW5-PI6	
Sampling Company			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	
Laboratory			PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	
Laboratory Work Order			12:1239	E2314	141138	142196	142794	143439	144730	12:1239	E2342	141138	142196	142794	143439	144730	12:1770	E2314	141138	142196	142794	143439	144730	
Laboratory Sample ID			12:1239-02	E2314-03	141138-02	142196-10	142794-07	143439-02	144730-02	12:1239-03	E2342-01	141138-03	142196-11	142794-06	143439-03	144730-03	12:1770-02	E2314-06	141138-05	142196-14	142794-13	143439-05	144730-05	
Sample Type	Units	TOGS																						
Volatile Organic Compounds (cont'd)																								
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 U	5.00 U	25.0 U	25.0 U	5.00 U	5.00 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	
Trichlorobenzene, 1,2,4-	µg/L	5 ^{..B}	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U	5.00 U	25.0 U	25.0 U	5.00 U	5.00 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	
Trichloroethane, 1,1,1-	µg/L	5 ^{..B}	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	10.0 U	10.0 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	
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	5 U	2.00 U	10.0 U	10.0 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	
Trichloroethene (TCE)	µg/L	5 ^{..B}	9.19 ^B	76.4 ^B	27.6 ^B	21.5 ^B	6.31 ^B	2.39	1.05 J	125 ^B	320 D ^B	10.5 ^B	83.9 ^B	36.6 ^B	2.00 U	2.00 U	48.5 J ^B	25.2 ^B	6.65 ^B	40.0 ^B	14.2 ^B	1.10 J	2.76	
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	5 U	2.00 U	10.0 U	10.0 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	
Trichlorotrifluoroethane (Freon 113)	µg/L	5 ^{..B}	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	10.0 U	10.0 U	2.00 U	2.00 U	-	5 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	-	-	-	-	-	-	5.00 U	-	-	-	-	-	-	5.00 UJ	-	-	-	-	-	-	
Vinyl chloride	µg/L	2 ^B	2.00 U	5.9 ^B	1.24 J	1.64 NJ	7.48 ^B	56.4 ^B	23.9 ^B	2.00 U	3 J ^B	2.00 U	10.0 U	18.1 ^B	10.1 NJ ^B	22.5 ^B	2.93 J ^B	0.6 J	2.00 U	2.00 U	1.28 NJ	3.76 ^B	12.8 ^B	
Xylene, m & p-	µg/L	5 ^{..B}	2.00 U	10 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U	2.00 U	10.0 U	10.0 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	
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	5 U	2.00 U	10.0 U	10.0 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	
Total VOC	µg/L	n/v	38.22	837.77	79.31	293.99	117.71	135.45	146.23	223.59	490.6	20.67	650	334.52	263.86	39.31	119.89	55.7	22.67	87.557	116.408	62.98	151.85	
Volatile Organic Tentatively Identified Compounds																								
Total VOC TICs	µg/L	n/v	-	770.000 J	-	-	-	-	-	-	2.5 U	-	-	-	-	-	-	5.500 J	-	-	-	-	-	

See notes on last page.

Table 1
Summary of Analytical Results in Groundwater (Preliminary)

Former Carriage Factory
33 Litchfield Street, Rochester, New York

DRAFT

Area of Interest Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	TOGS	Off-Site Locations (cont'd)																	
			RW-6										RW-7				RW-8			
			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	12-Jun-12	20-May-13	27-Mar-14	28-May-14	1-Jul-14	7-Aug-14	28-Oct-14	14-Jun-12	20-May-13
			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	RW-7	LI-RW-7-GW1	LI-RW-7	LI-RW-7-PI1	LI-RW-7-PI2	LI-RW-7-PI3	LI-RW7-PI6	RW-8	LI-RW-8-GW1
			DECI	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC
			PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE
			12:1770	12:1927	E2301	141138	142196	142794	143439	143439	144730	12:2486	E2301	141138	142196	142794	143439	144730	12:2523	E2301
			12:1770-03	12:1927-01	E2301-01	141138-06	142196-02	142794-03	143439-06	143439-13	144730-06	12:2486-02	E2301-02	141138-07	142196-01	142794-02	143439-07	144730-07	12:2523-01	E2301-03
			Field Duplicate																	
			General Chemistry																	
Total Organic Carbon	µg/L	n/v	-	-	-	3400	360000	96600	99700	102000	62900	-	-	-	86900	7500	11500	8800	-	-
Metals																				
Arsenic	µg/L	25 ^A	-	-	-	10 U	10 U	10 U	10 U	-	10 U	-	-	-	-	-	-	-	-	-
Iron	µg/L	300. ^B	-	-	-	318 ^B	1140 ^B	1740 ^B	850 ^B	-	1820 ^B	-	-	-	-	-	-	-	-	-
Lead	µg/L	25 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	µg/L	300. ^B	-	-	-	25.9	66.9	53.5	35.9	-	38.7	-	-	-	-	-	-	-	-	-
Sodium	µg/L	20000 ^B	-	-	-	37800 ^B	266000 ^B	167000 ^B	163000 ^B	178000 ^B	149000 ^B	-	-	-	126000 ^B	85200 ^B	85600 ^B	77500 ^B	-	-
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	-	25 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	25 U
Benzene	µg/L	1 ^B	0.700 UJ	7.00 U	5 U	20 U	20 U	1 U	50 U	50 U	35.0 U	-	5 U	1 U	1 U	1 U	1 U	0.700 U	-	5 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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 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	5.00 U	5 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5 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	2.00 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 UJ	5 U
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	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U
Chlorobromomethane	µg/L	5.. ^B	-	-	5 U	100 U	100 U	5.00 U	250 U	250 U	250 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	R	R	-	-	-	-	-	-	-	R	-	-	-	-	-	-	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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U
Cyclohexane	µg/L	n/v	-	-	5 UJ	200 U	200 U	10.0 U	500 U	500 U	500 U	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	5 UJ
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	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	5 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	2.00 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	5 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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 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	-	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	-	5 U
Dichloroethane, 1,1-	µg/L	5.. ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U
Dichloroethene, 1,1-	µg/L	5.. ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U
Dichloroethene, cis-1,2-	µg/L	59.8 J ^B	63.1 ^B	47.3 ^B	81.9 ^B	670 ^B	86.7 ^B	3980 ^B	4070 ^B	2730 ^B		4.28	8.2 ^B	2.35	2.65	2.43	2.96	4.44	6.50 ^B	17.8 ^B
Dichloroethene, trans-1,2-	µg/L	5.. ^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	2.00 U	0.92 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.1 J
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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U
Dioxane, 1,4-	µg/L	n/v	-	-	R	R	R	R	R	R	1000 U	-	R	R	R	R	R	20.0 U	-	R
Ethylbenzene	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	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 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	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 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 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	25 U
Isopropylbenzene	µg/L	5.. ^B	-	-	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U
Methyl Acetate	µg/L	n/v	-	-	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 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 U	-	25 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 U	-	25 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 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	25 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	-	1.8 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	3.3 J
Methylcyclohexane	µg/L	n/v	-	-	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U
Methylene Chloride (Dichloromethane)	µg/L	5.. ^B	5.00 UJ	50.0 UJ	5 U	100 U	56.8 J ^B	5.00 U	250 U	250 U	250 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5 U
Styrene	µg/L	5.. ^B	5.00 UJ	50.0 U	5 U	100 U	100 U	5.00 U	250 U	250 U	250 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U
Tetrachloroethane, 1,1,2,2-	µg/L	5.. ^B	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	10											

See notes on last page.

Table 1
Summary of Analytical Results in Groundwater (Preliminary)

DRAFT

Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area of Interest			Off-Site Locations (cont'd)																	
Sample Location			RW-6										RW-7						RW-8	
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	12-Jun-12	20-May-13	27-Mar-14	28-May-14	1-Jul-14	7-Aug-14	28-Oct-14	14-Jun-12	20-May-13
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	RW-7	LI-RW-7-GW1	LI-RW-7	LI-RW-7-PI1	LI-RW-7-PI2	LI-RW-7-PI3	LI-RW7-PI6	RW-8	LI-RW-8-GW1
Sampling Company			DECI	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC
Laboratory			PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE
Laboratory Work Order			12:1770	12:1927	E2301	141138	142196	142794	143439	143439	144730	12:2486	E2301	141138	142196	142794	143439	144730	12:2523	E2301
Laboratory Sample ID			12:1770-03	12:1927-01	E2301-01	141138-06	142196-02	142794-03	143439-06	143439-13	144730-06	12:2486-02	E2301-02	141138-07	142196-01	142794-02	143439-07	144730-07	12:2523-01	E2301-03
Sample Type	Units	TOGS								Field Duplicate										
Volatile Organic Compounds (cont'd)																				
Trichlorobenzene, 1,2,3-	µg/L	5 ^{..B}	-	-	5 U	100 U	100 U	5.00 U	250 U	250 U	250 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U
Trichlorobenzene, 1,2,4-	µg/L	5 ^{..B}	-	-	5 U	100 U	100 U	5.00 U	250 U	250 U	250 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5 U
Trichloroethane, 1,1,1-	µg/L	5 ^{..B}	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U
Trichloroethene (TCE)	µg/L	5 ^{..B}	112 J ^B	93.2 ^B	140 ^B	283 ^B	752 ^B	35.8 ^B	100 U	100 U	100 U	2.00 U	5.8 ^B	2.85	2.99	3.05	3.12	2.00 U	7.59 ^B	20.7 ^B
Trichlorofluoromethane (Freon 11)	µg/L	5 ^{..B}	2.00 UJ	20.0 U	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	5 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5 ^{..B}	-	-	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U
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	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	4.58 ^B	2.00 U	0.63 NJ
Xylene, m & p-	µg/L	5 ^{..B}	2.00 UJ	20.0 U	10 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	-	10 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	10 U
Xylene, o-	µg/L	5 ^{..B}	2.00 UJ	20.0 UJ	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U
Total VOC	µg/L	n/v	1052.8	888.3	1075.22	3744.9	1639.5	143.4	4171.6	4263.6	3598	4.28	17.48	5.2	5.64	5.48	6.08	9.02	14.09	48.83
Volatile Organic Tentatively Identified Compounds																				
Total VOC TICs	µg/L	n/v	-	-	5.800 J	-	-	-	-	-	-	-	2.5 U	-	-	-	-	-	-	2.5 U

See notes on last page.

Table 1
Summary of Analytical Results in Groundwater (Preliminary)

Former Carriage Factory
33 Litchfield Street, Rochester, New York

DRAFT

Area of Interest Sample Location Sample Date			Off-Site Locations (cont'd)																		
			RW-9										RW-12						RW-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	8-Jun-12	20-May-13	28-May-14	2-Jul-14	7-Aug-14	29-Oct-14	12-Jun-12	20-May-13	27-Mar-14	
			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	RW-12	LI-RW-12-GW1	LI-RW-12-PI1	LI-RW-12-PI2	LI-RW-12-PI3	LI-RW12-PI6	RW-13	LI-RW-13-GW1	LI-RW-13	
Sample ID																					
Sampling Company																					
Laboratory																					
Laboratory Work Order																					
Laboratory Sample ID																					
Sample Type	Units	TOGS																			
General Chemistry																					
Total Organic Carbon	µg/L	n/v	-	-	2000	2000	2500	2100	2100	2000	2000	-	-	103000	186000	44800	5700	-	-	-	
Metals																					
Arsenic	µg/L	25 ^A	-	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	
Iron	µg/L	300. ^B	-	-	100 U	91.9 J	129	91.0 J	86.4 J	100 U	100 U	-	-	-	-	-	-	-	-	-	
Lead	µg/L	25 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manganese	µg/L	300. ^B	-	-	15 U	19.8	98.1	94.4	220	153	161	-	-	-	-	-	-	-	-	-	
Sodium	µg/L	20000 ^B	-	-	38100 ^B	25200 ^B	29000 ^B	28800 ^B	27700 ^B	39100 ^B	38600 ^B	-	-	200000 ^B	255000 ^B	282000 ^B	193000 ^B	-	-	-	
Volatile Organic Compounds																					
Acetone	µg/L	50 ^A	-	25 U	10.0 U	6.70 J	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	25 U	10.0 U	10.0 U	10.0 U	10.0 U	-	25 U	10.0 U	
Benzene	µg/L	1 ^B	-	5 U	1 U	1 U	1 U	1 U	0.700 U	0.700 U	0.700 U	-	5 U	1 U	1 U	1 U	0.700 U	-	5 U	1 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	5 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 U	5.00 UJ	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 U	5.00 U	
Bromomethane (Methyl bromide)	µg/L	5.. ^B	2.00 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	5 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	5 U	2.00 U	
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	-	5 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	5 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	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	5.00 U	5.00 U	5.00 U	5.00 U	-	5 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	5 U	2.00 U	
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	R	-	-	-	-	-	-	-	-	R	-	-	-	-	-	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	5 U	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 U	5 U	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	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 UJ	10.0 U	10.0 U	10.0 U	10.0 U	-	5 UJ	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	-	5 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 U	2.00 UJ	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 UJ	2.00 U	2.00 UJ	2.00 U	5 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	5 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	5 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	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 UJ	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	2.00 UJ	2.00 U	2.00 U	-	5 U	2.00 U	
Dichloroethane, 1,1-	µg/L	5.. ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 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 U	5 U	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	5 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	5 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	2.00 U	1.2 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.35 J	1.37 J	24.5 ^B	26.5 ^B	79.5 ^B	118 ^B	36.2 ^B	6.01 ^B	2.00 U	5 U	2.00 U
Dichloroethene, trans-1,2-	µg/L	5.. ^B	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.2 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 U	5 U	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	5 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	5 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	5 U	2.00 U	
Dioxane, 1,4-	µg/L	n/v	-	100 U	R	R	R	R	R	20.0 U	20.0 U	-	R	R	R	R	20.0 U	-	R	R	
Ethylbenzene	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	-	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	2.00 U	5 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	-	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	-	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	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	
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	-	5 U	2.00 U	
Methyl Ethyl Ketone (MEK)	µg/L	50 ^A	-	25 U	10.0 UJ	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	-	25 U	10.0 U	10.0 UJ	10.0 U	10.0 U	-	25 U	10.0 UJ	
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	-	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	25 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	-	0.85 J	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	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U	
Methylene Chloride (Dichloromethane)	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 U	5.00 U	
Styrene	µg																				

Table 1
Summary of Analytical Results in Groundwater (Preliminary)

DRAFT

Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area of Interest		Off-Site Locations (cont'd)																	
Sample Location		RW-9									RW-12						RW-13		
Sample Date		8-Jun-12	21-May-13	27-Mar-14	29-May-14	1-Jul-14	1-Jul-14	7-Aug-14	28-Oct-14	28-Oct-14	8-Jun-12	20-May-13	28-May-14	2-Jul-14	7-Aug-14	29-Oct-14	12-Jun-12	20-May-13	27-Mar-14
Sample ID		RW-9	LI-RW-9-GW1	LI-RW-9	LI-RW-9-PI1	LI-RW-9-PI2	LI-RW-DUP-PI2	LI-RW-9-PI3	LI-RW9-PI6	LI-DUP-PI6	RW-12	LI-RW-12-GW1	LI-RW-12-PI1	LI-RW-12-PI2	LI-RW-12-PI3	LI-RW12-PI6	RW-13	LI-RW-13-GW1	LI-RW-13
Sampling Company		DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC
Laboratory		PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	CCGE	PARAROCH
Laboratory Work Order		12:2431	E2314	141138	142196	142794	142794	143439	144730	144730	12:2431	E2301	142196	142794	143439	144730	12:2486	E2301	141138
Laboratory Sample ID		12:2431-01	E2314-07	141138-08	142196-12	142794-04	142794-05	143439-08	144730-08	144730-13	12:2431-02	E2301-04	142196-03	142794-14	143439-09	144730-09	12:2486-01	E2301-05	141138-10
Sample Type	Units	TOGS					Field Duplicate			Field Duplicate									
Volatile Organic Compounds (cont'd)																			
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 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 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 U	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	5 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	5 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}	2.00 U	1.5 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	6.80 ^B	15 ^B	25.1 ^B	29.8 ^B	4.38	7.10 ^B	2.00 U	0.99 J	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5 ^{..B}	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	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	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2 ^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	0.55 J	2.00 U	1.17 J	2.27 ^B	2.00 U	2.00 U	5 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	-	10 U	2.00 U	2.00 U	2.00 U	2.00 U	-	10 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	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	-	5 U	2.00 U
Total VOC	µg/L	n/v	11.3	11.2	3.04	10.28	4.1	4.11	3.2	4.63	34.01	49	110.12	153.34	45.63	17.85	ND	3.79	2.00
Volatile Organic Tentatively Identified Compounds																			
Total VOC TICs	µg/L	n/v	-	2.5 U	-	-	-	-	-	-	-	2.5 U	-	-	-	-	-	2.5 U	-

See notes on last page.

Table 1
Summary of Analytical Results in Groundwater (Preliminary)

DRAFT

Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area of Interest Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type			QA/QC Trip Blank							
			12-Jun-12	20-May-13	21-May-13	27-Mar-14	29-May-14	1-Jul-14	8-Aug-14	28-Oct-14
			Trip Blank 7346	Trip Blank	Trip Blank	Trip Blank	LI-Trip Blank-PI1	LI-TRIPBLANK-PI2	Trip Blank (T-532)	Trip Blank (T-570)
			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
			PARAROCH	CCGE	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
			12:2486	E2301	E2314	141138	142196	142794	143439	144730
			12:2486-03	E2301-07	E2314-08	141138-15	142196-08	142794-01	143439-14	144730-14
	Units	TOGS	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										
Arsenic	µg/L	25 ^B	-	-	-	-	-	-	-	-
Iron	µg/L	300. ^B	-	-	-	-	-	-	-	-
Lead	µg/L	25 ^B	-	-	-	-	-	-	-	-
Manganese	µg/L	300. ^B	-	-	-	-	-	-	-	-
Sodium	µg/L	20000 ^B	-	-	-	-	-	-	-	-
Volatile Organic Compounds										
Acetone	µg/L	50 ^A	-	25 U	25 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Benzene	µg/L	1 ^B	-	5 U	5 U	1 U	1 U	1 U	1 U	0.700 U
Bromodichloromethane	µg/L	50 ^A	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	50 ^A	5.00 U	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5.. ^B	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
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
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^B	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5.. ^B	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	µg/L	5.. ^B	-	5 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5.. ^B	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	R	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7 ^B	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	5.. ^B	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Cyclohexane	µg/L	n/v	-	5 U	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^B	-	5 U	5 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	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	3 ^B	2.00 U	5 U	5 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	5 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	5 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 U	2.00 U	2.00 U
Dichloroethane, 1,1-	µg/L	5.. ^B	2.00 U	5 U	5 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	5 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	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	5.. ^B	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, trans-1,2-	µg/L	5.. ^B	2.00 U	5 U	5 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	5 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	5 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	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dioxane, 1,4-	µg/L	n/v	-	R	100 U	R	R	R	R	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
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
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
Isopropylbenzene	µg/L	5.. ^B	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
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
Methyl Ethyl Ketone (MEK)	µg/L	50 ^A	-	25 U	25 U	10.0 U	10.0 U	10.0 U	10.0 U	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
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	-	5 U	5 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
Methylene Chloride (Dichloromethane)	µg/L	5.. ^B	5.00 U	5 U	3.4 J	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Styrene	µg/L	5.. ^B	-	5 U	5 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	5 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	5 U	5 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

See notes on last page.

Table 1
Summary of Analytical Results in Groundwater (Preliminary)

DRAFT

Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area of Interest Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type			QA/QC							
			Trip Blank							
			12-Jun-12	20-May-13	21-May-13	27-Mar-14	29-May-14	1-Jul-14	8-Aug-14	28-Oct-14
			Trip Blank 7346	Trip Blank	Trip Blank	Trip Blank	LI-Trip Blank-PI1	LI-TRIPBLANK-PI2	Trip Blank (T-532)	Trip Blank (T-570)
			DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
			PARAROCH	CCGE	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
			12:2486	E2301	E2314	141138	142196	142794	143439	144730
			12:2486-03	E2301-07	E2314-08	141138-15	142196-08	142794-01	143439-14	144730-14
			Units	TOGS	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Volatile Organic Compounds (cont'd)										
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
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
Trichloroethane, 1,1,1-	µg/L	5 ^{..B}	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	1 ^B	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethene (TCE)	µg/L	5 ^{..B}	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5 ^{..B}	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5 ^{..B}	-	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2 ^B	2.00 U	5 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, m & p-	µg/L	5 ^{..B}	-	10 U	10 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
Total VOC	µg/L	n/v	ND	ND	3.4	ND	ND	ND	ND	ND
Volatile Organic Tentatively Identified Compounds										
Total VOC TICs	µg/L	n/v	-	2.5 U	2.5 U	-	-	-	-	

See notes on last page.

Table 1
Summary of Analytical Results in Groundwater (Preliminary)

DRAFT

Former Carriage Factory
33 Litchfield Street, Rochester, New York

Notes:

- TOGS
- NYSDEC TOGS 1.1.1 (Reissued June 1998 with errata in January 1999 and addenda in April 2000 and June 2004)
- A
- TOGS 1.1.1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Guidance
- B
- TOGS 1.1.1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Standards
- 6.5^A
- Concentration exceeds the indicated standard.
- 15.2
- Measured concentration was less than the applicable standard.
- 0.50 U
- Laboratory reportable detection limit was greater 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.
- .
- The standard for Iron and Manganese is 500 ug/L, which applies to the sum of these substances. As individual standards, the standard is 300 ug/L.
- ..
- The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in the TOGS table) applies to this substance.
- p
- Applies to the sum of cis- and trans-1,3-dichloropropene.
- B
- Indicates analyte was found in associated blank, as well as in the sample.
- D
- Indicates reanalysis of sample with additional dilution to address exceedance of instrument calibration range.
- J
- The reported result is an estimated value.
- M
- Denotes matrix spike recoveries outside QC limits. Matrix bias indicated.
- N
- Indicates presumptive evidence of a compound. Identification of tentatively identified compound is based on a mass spectral library search.
- NJ
- The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
- Q
- Indicates LCS control criteria did not meet requirements
- U
- Indicates that the analyte was analyzed but not detected.
- UJ
- Indicates estimated non-detect.



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Appendix A

Laboratory Analytical Report for Microbial Populations in Groundwater

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

Customer: Mike Storonsky, Stantec

Project: Carriage Factory

Customer Reference: 190500751

SiREM Reference: S-3399

Report Date: 13-Nov-14

Data Files: MyiQ-DHC-QPCR-1164
MyiQ-DB-DHC-QPCR-0519

Table 1a: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent Dhc *	<i>Dehalococcoides</i> Enumeration/Liter **
LI-B102-MW-PI6	DHC-10967	28-Oct-14	Groundwater	0.1 - 0.4 %	2×10^6
LI-B108-MW-PI6	DHC-10968	29-Oct-14	Groundwater	0.2 - 0.5 %	2×10^6

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

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

Customer: Mike Storonsky, Stantec

Project: Carriage Factory

Customer Reference: 190500751

SiREM Reference: S-3399

Report Date: 13-Nov-14

Data Files: MyiQ-VC-QPCR-0702
VC-QPCR-check-gel-0700
MyiQ-DB-VC-QPCR-0418

Table 1b: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent <i>vcrA</i> *	Vinyl Chloride Reductase (<i>vcrA</i>) Gene Copies/Liter
LI-B102-MW-PI6	VCR-5175	28-Oct-14	Groundwater	0.05 - 0.2 %	7×10^5
LI-B108-MW-PI6	VCR-5176	29-Oct-14	Groundwater	0.1 - 0.3 %	1×10^6

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-3399

Customer Sample ID	LI-B102-MW-PI6	LI-B108-MW-PI6
SiREM Dhc Sample ID	DHC-10967	DHC-10968
SiREM <i>vcrA</i> Sample ID	VCR-5175	VCR-5176
Date Received	31-Oct-14	31-Oct-14
Sample Temperature	3 °C	3 °C
Filtration Date	4-Nov-14	4-Nov-14
Volume Used for DNA Extraction	500 mL	500 mL
DNA Extraction Date	5-Nov-14	5-Nov-14
DNA Concentration in Sample (extractable)	2646 ng/L	2797 ng/L
PCR Amplifiable DNA	Detected	Detected
Dhc qPCR Date Analyzed	7-Nov-14	7-Nov-14
<i>vcrA</i> qPCR Date Analyzed	11-Nov-14	11-Nov-14
Laboratory Controls (see Tables 3 & 4)	Passed	Passed
Comments	--	--

Notes:

Refer to Tables 3 & 4 for detailed results of controls.

°C = degrees Celsius

DNA = Deoxyribonucleic acid

Dhc = *Dehalococcoides*

mL = milliliters

ng/L = nanograms per liter

NA = Not Applicable

ND = Not Detected

qPCR = quantitative PCR

PCR = polymerase chain reaction

vcrA = vinyl chloride reductase

Table 3: Gene-Trac Dhc Control Results, Test Reference S-3399

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	7-Nov-14	qPCR with KB1 genomic DNA (CSLD-0802)	8.1×10^6	7.5×10^6	--
Positive Control High Concentration	7-Nov-14	qPCR with KB1 genomic DNA (CSHD-0802)	9.2×10^8	9.1×10^8	--
DNA Extraction Blank	7-Nov-14	DNA extraction sterile water (FB-2281)	0	2.6×10^3 U	--
Negative Control	7-Nov-14	Tris Reagent Blank (TBD-0761)	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-3399

Laboratory Control	Analysis Date	Control Description	Spiked <i>vcrA</i> reductase Gene Copies per Liter	Recovered <i>vcrA</i> reductase Gene Copies per Liter	Comments
Positive Control Low Concentration	11-Nov-14	qPCR with KB1 genomic DNA (CSLV-0570)	1.2×10^7	2.0×10^7	See Note 1
Positive Control High Concentration	11-Nov-14	qPCR with KB1 genomic DNA (CSHV-0570)	1.8×10^9	1.7×10^9	--
DNA Extraction Blank	11-Nov-14	DNA extraction sterile water (FB-2281)	0	3.8×10^3	See Note 2
Negative Control	11-Nov-14	Tris Reagent Blank (TBV-0541)	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

¹Outside recovery limit guideline of +/- 50%.

² Acceptable as test results for relevant samples are greater than 1 order of magnitude above DNA Extraction Blank test result.

* Mandatory Fields