PERIODIC REVIEW REPORT
WARD STREET SITE – SITE NO. C828117
and
8-28 WARD STREET SITE - NO. C828136

WARD STREET AT ST. PAUL STREET
ROCHESTER, NEW YORK

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

Prepared on behalf of:
Germanow-Simon Corporation
408 St. Paul Street
Rochester, New York 14601

Prepared by:
Stantec Consulting Services Inc.
61 Commercial Street, Suite 100
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December 15, 2016

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December 15, 2016
File: 190500014

Attention: Mr. Todd Caffoe, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation
6274 East Avon-Lima Road
Avon NY 14414-9519

Reference: Periodic Review Reports
Ward Street Site, BCA Site No.: C828117
8-28 Ward Street Site, BCA Site No.: C828136
Rochester, New York

Dear Todd:

On behalf of Germanow-Simon Corporation (Germanow-Simon), Stantec Consulting Services, Inc. (Stantec) has prepared this Periodic Review Report and completed the Institutional and Engineering Control Certification (IC/EC) Forms for the period November 15, 2015 to November 15, 2016 for Germanow-Simon to fulfill its obligation as a volunteer under the Brownfield Cleanup Agreement (BCA) for its properties known as the Ward Street Site (BCA Site #C828117) and the 8-28 Ward Street Site (BCA Site #C828136). These adjacent sites are located on Ward Street in the City of Rochester, Monroe County, New York.

As indicated on the IC/EC form for the Ward Street Site, we ask that the Department please update the address for the site as follows:

408 St. Paul Street
Rochester, NY 14605

Please do not hesitate to call should you have any questions or require further information.

Regards,

STANTEC CONSULTING SERVICES INC.

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Attachment: Periodic Review Report – Ward Street Site No. C828117 and No. C282136

c. John Dole (Germanow-Simon)

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PERIODIC REVIEW REPORT
WARD STREET SITE – SITE NO. C828117
AND
8-28 WARD STREET SITE - NO. C828136

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1.0 INTRODUCTION AND OVERVIEW

Stantec Consulting Services Inc. (Stantec) has prepared this Periodic Review Report (PRR) and the attached Institutional Control/Engineering Control (IC/EC) forms (see Appendix A) to summarize Site Management (SM) activities at the contiguous Ward Street and 8-28 Ward Street Brownfield Cleanup Program sites (the Sites) for the period November 15, 2015 to November 15, 2016.

The PRR was prepared on behalf of Germanow-Simon Corporation (Germanow-Simon), the owner of the Sites, to fulfill the PRR requirements of the Brownfield Cleanup Program (BCP) of the New York State Department of Environmental Conservation (NYSDEC, the Department). The Ward Street Site is identified by NYSDEC as BCP Site No. C828117. The 8-28 Ward Street Site is identified as BCP Site No. C828136.

The Sites are located in the City of Rochester, Monroe County, New York along the north side of Ward Street between the intersection of Ward Street with St. Paul Street on the southwest and Emmett Street on the northeast. A map showing the locations of the Sites is presented on Figure 1.

1.1 SUMMARY OF SITE CONTAMINATION AND REMEDIAL HISTORY

Germanow-Simon and the Department agreed to pursue a program of environmental investigation and cleanup activities at the Sites to address past releases of industrial and dry-cleaning solvents and petroleum products that resulted in subsurface contamination by volatile organic compounds (VOCs). The BCP activities led to the implementation of a Multi-Phase Vacuum Extraction (MPVE) cleanup system for the Sites. MPVE is a contaminant remediation technology that uses a vacuum pump and extraction wells to remove VOCs from subsurface soils, soil vapor and groundwater. The layout of the MPVE system is shown on Figure 2 (Well Locations).

Construction, initiation, and commissioning of MPVE at the Ward Street Site were completed in October 2006. The 8-28 Ward Street Site component of the MPVE system was added in October 2008. Pursuant to NYSDEC approval, the MPVE system was shut down on February 22, 2011 and has not been restarted since that time. At that time, the previously installed sub-slab depressurization (SSD) system beneath the Building B Annex Area was turned on (as it had been during previous sampling or MPVE maintenance related shut-down periods). Pursuant to the NYSDEC-approved Remedial Program Supplement, Enhanced Reductive Dechlorination Work Plan, dated March 2011 (Stantec, 2011) and NYSDEC's November 14, 2011 approval letter, an in-situ bioremediation polishing program was conducted in November/December 2011. Pursuant to the Proposed Supplemental Injection Program correspondence dated October 2012, and NYSDEC's November 6, 2012 approval letter, a supplemental in-situ bioremediation polishing program was conducted in November 2012. Further details on the November 2012 injection

program are presented in Stantec's December 21, 2012 Enhanced Reductive Dechlorination Supplemental Injection Program Summary Report.

Because groundwater in the former Lilac Laundry area was found to meet the Department's groundwater quality standards (refer to Ward Street Site Semi-Annual Progress Report #8, Ward Street Site (Site #C828117) and 8-28 Ward Street Site (Site #C828136), Rochester, New York. Stantec, February 2011), and in preparation for site improvements, as per NYSDEC approval, in October 2011, the following wells were decommissioned at the Ward Street Site: MW-3, MW-5, MW-9, MW-9R, MW-20, MW-21, MW-32, MW-213, MW-214, MW-215, MW-216, MW-217, MW-218, and MW-219. In addition, since no significant groundwater impacts were present on the 8-28 Ward Street Site, and in preparation for site improvements, per NYSDEC approval, in October 2011, the following wells were decommissioned at the 8-28 Ward Street Site: GQ1/MW1, GQ2/MW2, GQ4/MW4, GQ8/MW5, MW-19, MW-45, MW-46, MW-46R, and MW-47.

The groundwater sampling event conducted in October 2013 reported that VOC reduction continued to proceed very well within the treatment area. Based on the significant reductions in dissolved-phase VOC concentrations observed since the commencement of remedial measures, and the continued success of the ERD process, it was proposed in the PRR submitted during the last reporting period to discontinue the ERD groundwater treatment program. It was proposed to reduce the number of wells that are monitored, the analytes that are monitored, and the frequency of monitoring. It was also proposed to complete an annual groundwater sampling event with a reduced number of wells, including MW-16, MW-16R, MW-23, and MW-23R, MW-105, MW-207R, and limited laboratory analysis to VOCs by EPA Method 8260 and TOC by EPA Method 5310. This plan was accepted in the Department's February 4, 2016 letter to Germanow-Simon (see Appendix B).

1.2 SITE MANAGEMENT REQUIREMENTS

Site Management activities were implemented in accordance with the Department-approved Site Management Plans (SMPs) for each site. The SMPs for the Sites include the following required Institutional and Engineering Controls (ICECs):

- Use of the Sites for commercial and industrial purposes is allowed as long as the following long-term controls are employed:
    - The MPVE system is operated in accordance with a Department-approved Operation, Maintenance & Monitoring (OM&M) plan until remedial requirements are achieved to the satisfaction of the Department.
    - A sub-slab depressurization (SSD) system constructed in conjunction with the MPVE system is operated continuously in the Building B Annex Area to mitigate the potential for soil vapor intrusion (SVI) when the MPVE system is shut down.

  - Impervious surfaces covering specific areas of the Sites (building floor slabs and parking lot pavements) are maintained.
  - NYSDEC approval must be obtained in advance for activities which breach impervious surfaces or disturb soils in those same areas of the Sites, and those activities must be performed in accordance with the SMPs.
  - NYSDEC approval must be obtained in advance for use for any purpose of groundwater at the Sites.

- The Sites may not be used for purposes with a higher level of use than the commercial and industrial purposes described above.
- An environmental easement granted to the Department must be maintained on the property deed and any subsequent instrument of land conveyance, lease, license, or other instruments granting rights of use of the Sites.
- Annually (or as otherwise directed by the Department), Germanow-Simon must certify to the Department as to the continued presence and effectiveness of the controls described above.

The MPVE system OM&M Plan for the Sites specified a program of maintenance activities and provided for monthly system performance monitoring, periodic groundwater monitoring, and annual indoor/outdoor air testing. Indoor air testing was previously conducted in the Building B Annex and Building B along with outdoor testing to obtain background conditions; however, due to NYSDEC's approval during the last reporting period to forego this testing, it is no longer conducted. The OM&M Plan specifies periodic reporting on OM&M activities, monitoring results and remedial progress. However, pursuant to NYSDEC approval, the MPVE system was shut down on February 22, 2011 and has not been restarted since that time. The system was subsequently decommissioned. Therefore, OM&M activities related to the MPVE system have not been required since it was shut down in February 2011. On February 22, 2011, the SSDS was turned on and has operated continuously since that time.

Due to building expansion/renovation and site improvement activities at the Sites during the September 15, 2011 to September 15, 2012 reporting period, the SMPs for both Sites were revised. Revised versions of these documents were submitted to the NYSDEC along with the PRR for that reporting period.

1.3 EFFECTIVENESS OF THE REMEDIAL PROGRAM

The IC/ECs required under the SM program remained in place and were effective.

1.4 COMPLIANCE

Compliance with the SMPs for both Sites was maintained throughout the reporting period.

1.5 RECOMMENDATIONS

No change to the currently approved frequency of PRRs (currently annual) is recommended at this time. As noted in Section 1.2, the SMPs for both Sites were revised in 2012. It is recommended that the requirements specified within the updated SMPs continue to be fulfilled.

2.0 REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

The results of the annual groundwater sampling event completed in June 2015, during the last reporting period, showed that very anaerobic and reducing geochemical conditions had been maintained at the wells sampled. Results at MW-16 and MW-23R indicated that the parent compounds tetrachloroethylene (PCE) and trichloroethylene (TCE) were below detection limits. Concentrations of daughter products at MW-16 had increased, suggesting that degradation was progressing but is incomplete. The only contaminant of concern detected at MW-23R was cis-dichloroethylene (cis-DCE) and the concentration was below clean-up criteria. Decreased concentrations were observed for all contaminants of concern at MW-105. However, increases in contaminants of concern were observed at MW-16R, MW-23, and MW-207R. After discussion with NYSDEC, it was proposed to complete another round of groundwater monitoring at these six wells in the spring of 2016 to assess the progress of the ERD process.

The groundwater parameters measured in the field during the March 2016 sampling event show that anaerobic and reducing geochemical conditions have been maintained or improved slightly since 2015 at all the wells sampled. This suggests that the ERD injection performed in November, 2012 continues to promote an environment suitable for the breakdown of chlorinated volatile organic compounds (VOCs). Groundwater parameters are provided on Table 2.

The VOC data (Table 1) show that ERD continues under, and downgradient from, the Building B Annex shipping/receiving area. Low and decreasing concentrations of 'parent' VOC compounds, tetrachloroethylene (PCE) and trichloroethylene (TCE), were observed in MW-105; and only 'daughter' products, cis/trans-1,2-Dichloroethene (DCE) and vinyl chloride (VC), were observed down gradient at MW-16 and MW-16R. VOC concentrations at downgradient MW-207R remained generally similar to those observed during the previous round of groundwater sampling in June 2015 with only daughter compounds being present.

At the 8-28 Ward Street Site, favorable conditions were maintained within the bedrock zone as VOC concentrations are at or below laboratory detection limits for all compounds at MW-23R. The results from MW-23, however, showed increases in PCE and TCE concentrations to levels last observed prior to the initial injection activities. The increases in the concentrations of parent compounds are indicative of additional residual source material that has not been effectively treated by past remedial efforts in the area of MW-23. The groundwater results were forwarded to the Department on April 14, 2016 (Appendix B).

Following discussion with the Department, Stantec performed a two-day Geoprobe investigation (May 23-24 2016) to investigate the potential source and extent of impacted soil in the vicinity of MW-23 which may contributing to the groundwater results. Figure 3 presents the locations of 19 borings performed. Analytical results of the soil sampled during the program are provided on Table 3 and boring logs are included in Appendix B.

The groundwater table was encountered at approximately 12 to 13.5 ft bgs during the program but was not encountered at every boring. Generally, evidence of impacted soil was observed just above the groundwater table on-Site to the north and northwest of MW-23. The exception to this was boring B1, located off-Site and immediately adjacent to MW-23, where impacted soil was encountered below the groundwater table. Only two of the samples collected contained contaminants of concern at concentrations above applicable SCOs. One sample, which was collected from below the groundwater at13.2 to 13.7 ft bgs in off-site boring B1, had a concentration of cis-1,2-DCE of 608 ug/kg. The second sample, which was collected from above the water table at 8.5 to 9 ft bgs in on-Site boring B5, had a concentration of PCE of 4,220 ug/kg. Concentrations of either PCE or TCE which were reported below SCOs, but above approximately 100 ug/kg were detected in borings B1, B2, B5, B7, B8, B10, B15, B16, and B17.

Since the cis-1,2-DCE SCO exceedance at off-site boring B1 and the PCE impacts at B2 are both located off-site and situated below the water table, Stantec does not propose conducting any remediation in this area since Germanow-Simon is a Volunteer in the Brownfield Cleanup Program and they are not obligated to remediate off-site impacts. Instead, since the reported impacts at B5, B7, B8, B10, B15, B16, and B17 are situated above the water table, and upgradient from B1 and B2, Stantec recommends performing an on-Site remedial excavation of source material. This remedial approach would be supplemented with the addition of an electron-donor, sodium lactate, to further facilitate the breakdown of residual contamination in groundwater within the source area and downgradient. The excavation would extend from the property line in the south to the fence line in the north, and from B10 in the west to B15 in the east as depicted on Figure 3. The results of the soil boring program and the recommended remedial approach was shared with the Department in correspondence dated October 27, 2016. A copy of that correspondence, which includes further details, is presented in Appendix B.

Investigation-derived waste (IDW) from 2016 activities included one partial 55-gallon drum of soil cuttings from the Geoprobe program and one partial 55-gallon drum of groundwater sampling purge water and decontamination water from the Geoprobe program. The soil drum was removed from the Site by SUN Environmental and was taken to Cycle Chem in Lewisberry, PA for

disposal as hazardous waste. The waste manifest for the transport of the soil drum is included in Appendix C. The water drum was discharged to the sewer under Monroe County Specialty Short Term Discharge Permit ST-327 (provided in Appendix C).

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

During the reporting period, compliance with required Institutional and Engineering Controls has been maintained.

- Use of the Sites has been limited to the industrial manufacturing and support activities conducted by the Germanow-Simon Corporation and its affiliated enterprises.

- In accordance with NYSDEC approval, the MPVE system was operated until February 22, 2011, at which time it was shutdown indefinitely. The MVPE system was decommissioned, cleaned out, and disconnected from the sewer during the last reporting period.

- A sub-slab depressurization (SSD) system constructed in conjunction with the MPVE system has been operated continuously in the Building B Annex Area to mitigate the potential for soil vapor intrusion (SVI) when the MPVE system is shut down. As noted above, on February 22, 2011, the SSDS was turned on and has operated continuously since that time.

- No groundwater use has occurred at the Sites.

- An environmental easement granted to the Department has been maintained on the property deed and any subsequent instrument of land conveyance, lease, license, or other instruments granting rights of use of the Sites. (At the request of the NYSDEC, the separate environmental easement mapping for the two sites was combined into a single Environmental Easement map dated August 1, 2012).

Forms certifying to the Department the continued presence and effectiveness of the controls described above are presented in Appendix A.

The MPVE system OM&M Plan for the Sites specifies a program of maintenance activities, provides for monthly system performance monitoring and periodic groundwater monitoring, and annual indoor/outdoor air testing. The OM&M plan specifies periodic reporting on OM&M activities, monitoring results and remedial progress. However, pursuant to NYSDEC approval, the MPVE system was shut down on February 22, 2011 and has not been restarted since that time. It was decommissioned during the current reporting period. Therefore, OM&M activities related to the MPVE system have not been required since it was shut down at that time.

Sampling results from February 22, 2013 indicate that the SSD system, which has been operating continuously since February 22, 2011 when the MPVE system was shut down, continues to successfully mitigate potential SVI at the Building B Annex. Based on these results and discussion with and subsequent approval by NYSDEC, annual indoor and outdoor air sampling was discontinued during the last reporting period.

Remedial progress during the reporting period has been reported to the NYSDEC.

4.0 OVERALL CONCLUSIONS AND RECOMMENDATIONS

It was proposed in the PRR from the last reporting period to perform groundwater monitoring program at four boundary wells, one interior well, and one exterior well in the spring of 2016. Pursuant to this proposal, an annual monitoring event was conducted during March 2016 to assess if contaminant degradation is continuing to progress. Based on the results of this monitoring event, low concentrations of parent CVOCs, negative ORPs, and low DO concentrations conducive to reductive dechlorination continue to exist at all wells sampled except MW-23. A Geoprobe investigation in the area around and upgradient from MW-23 identified the location and depth of residual soil impacts. Therefore, it is proposed to perform an on-Site remedial excavation of source material in late summer of 2017 with the addition of electron-donor, sodium lactate, to further facilitate the breakdown of parent products TCE and PCE in groundwater. The excavation would extend from the property line in the south to the fence line in the north, and from B10 in the west to B15 in the east as depicted on Figure 3. We further recommend that another round of groundwater sampling be performed approximately three-months post-excavation to assess the effectiveness of the remedial excavation.

Tables

Table 1
Summary of Volatile Organic Compounds in Groundwater – September 2011 to March 2016
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW16													MW16R												
Sample Date			27-Sep-11	3-Feb-12	2-Mar-12	5-Jun-12	5-Sep-12	23-Jan-13	11-Apr-13	3-Jul-13	9-Oct-13	9-Oct-13	17-Jun-15	9-Mar-16	28-Sep-11	5-Jan-12	3-Feb-12	1-Mar-12	1-Mar-12	5-Jun-12	5-Sep-12	23-Jan-13	11-Apr-13	3-Jul-13	9-Oct-13	9-Oct-13	18-Jun-15	9-Mar-16
Sample ID			WSR-MW-16-GW-18	WSR-MW-16-GW-19	WSR-MW-16-GW-20	WSR-MW-16-GW-21	WSR-MW-16-GW-22	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	828-MW-16-GW	WSR-MW-16-GW	WSR-MW-16R-GW-18	WSR-MW-16R-GW-19	WSR-MW-16R-GW-20	WSR-MW-16R-GW-21	WSR-MW-DUP-GW-21	WSR-MW-16R-GW-22	WSR-MW-16R-GW-23	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			P11-4090	12:0472	12:0936	12:2364	12:3668	13:0353	131259	132490	133891	133926	152493	160970	P11-4106	P12-0069	12:0472	12:0906	12:0906	12:2364	12:3668	13:0353	131259	132490	133891	133926	152493	160970
Laboratory Sample ID			14083	12:0472-06	12:0936-02	12:2364-06	12:3668-05	130353-05	131259-05	132490-06	133891-05	133926-05	152493-03	160970-03	14149	12:0069-02	12:0472-07	12:0906-05	12:0906-06	12:2364-05	12:3668-04	130353-04	131259-04	132490-05	133891-04	133926-04	152493-05	160970-04
Sample Type	Units	TOGS																	Field Duplicate									
Volatile Organic Compounds																												
Acetone	µg/L	50[A]	***500 U***	***500 U***	***500 U***	***500 U***	***500 U***	10 U	10.0 U	10.0 U	-	13.6 J	10.0 U	10.0 U	50.0 U	25.0 U	***500 U***	***100 U***	***100 U***	***500 U***	***500 U***	***250 U***	***100 U***	***100 U***	-	***100 U***	***100 U***	***250 U***
Benzene	µg/L	1[B]	***35.0 U***	***35.0 U***	***35.0 U***	***35.0 U***	***35.0 U***	0.70 U	0.700 U	0.700 U	-	1 U	1.00 U	1.00 U	***3.50 U***	***1.75 U***	***35.0 U***	***7.00 U***	***7.00 U***	***35.0 U***	***35.0 U***	***18 U***	***7.00 U***	***7.00 U***	-	***10 U***	***10.0 U***	***25.0 U***
Bromobenzene	µg/L	5[B]	-	-	-	-	-	5.0 U	5.00 U	-	-	-	-	-	-	-	-	-	-	-	-	***130 U***	***50.0 U***	-	-	-	-	-
Bromodichloromethane	µg/L	50[A]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	5.00 U	***100 U***	20.0 U	20.0 U	***100 U***	***100 U***	50 U	20.0 U	20.0 U	-	20.0 U	20.0 U	50.0 U
Bromoform (Tribromomethane)	µg/L	50[A]	***250 U***	***250 U***	***250 U***	***250 U***	***250 U***	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	12.5 U	***250 U***	50.0 U	50.0 U	***250 U***	***250 U***	***130 U***	50.0 U	50.0 U	-	50.0 U	50.0 U	***125 U***
Bromomethane (Methyl bromide)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Butylbenzene, n-	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	***250 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	25.0 U	12.5 U	***100 U***	20.0 U	20.0 U	***100 U***	***100 U***	50 U	20.0 U	20.0 U	-	20.0 U	20.0 U	50.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Chlorobromomethane	µg/L	5[B]	***250 U***	***250 U***	***250 U***	***250 U***	-	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	-	***130 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***125 U***
Chloroethane (Ethyl Chloride)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	500 U	10 U	10.0 U	-	-	-	-	-	-	-	-	-	-	-	500 U	250 U	100 U	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Chloromethane	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Cyclohexane	µg/L	n/v	500 U	500 U	500 U	500 U	-	10 U	10.0 U	10.0 U	-	10.0 U	10.0 U	10.0 U	50.0 U	25.0 U	500 U	100 U	100 U	500 U	-	250 U	100 U	100 U	-	100 U	100 U	250 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	***500 U***	***500 U***	***500 U***	***500 U***	-	***10 U***	***10.0 U***	***10.0 U***	-	***10.0 U***	***10.0 U***	***10.0 U***	***50.0 U***	***25.0 U***	***500 U***	***100 U***	***100 U***	***500 U***	-	***250 U***	***100 U***	***100 U***	-	***100 U***	***100 U***	***250 U***
Dibromochloromethane	µg/L	50[A]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	5.00 U	***100 U***	20.0 U	20.0 U	***100 U***	***100 U***	50 U	20.0 U	20.0 U	-	20.0 U	20.0 U	50.0 U
Dichlorobenzene, 1,2-	µg/L	3[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichlorobenzene, 1,3-	µg/L	3[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichlorobenzene, 1,4-	µg/L	3[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloroethane, 1,1-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloroethane, 1,2-	µg/L	0.6[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloroethene, 1,1-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloroethene, cis-1,2-	µg/L	5[B]	**1790[B]**	**8600[B]**	**2770[B]**	**2720[B]**	***772[B]***	**8.3[B]**	**23.6[B]**	**9.39[B]**	-	2.89	**165[B]**	**118[B]**	**1150[B]**	**110[B]**	**3810[B]**	**2260[B]**	**2360[B]**	**2630[B]**	**1410[B]**	**1000[B]**	**841[B]**	**664[B]**	-	***77.7[B]***	**1520[B]**	**1610[B]**
Dichloroethene, trans-1,2-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	**24.3[B]**	4.89	-	**13.3[B]**	**8.33[B]**	2.43	**10.6[B]**	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	**36.0[B]**	***50.0 U***
Dichloropropane, 1,2-	µg/L	1[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	-	-	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloropropane, 1,3-	µg/L	5[B]	-	-	-	-	-	2.0 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-	-	***50 U***	***20.0 U***	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5[B]	-	-	-	-	-	2.0 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-	-	***50 U***	***20.0 U***	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[B,p]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	-	-	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloropropene, trans-1,3-	µg/L	0.4[B,p]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dioxane, 1,4-	µg/L	n/v	-	-	-	-	-	20 U	20.0 U	20.0 U	-	R	20.0 U	20.0 U	-	-	-	-	-	-	-	500 U	200 U	200 U	-	R	200 U	500 U
Ethylbenzene	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	***100 U***	***100 U***	***100 U***	***100 U***	-	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	***250 U***	***250 U***	***250 U***	***250 U***	***250 U***	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	12.5 U	***250 U***	50.0 U	50.0 U	***250 U***	***250 U***	***130 U***	50.0 U	50.0 U	-	50.0 U	50.0 U	***125 U***
Isopropylbenzene	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Methyl Acetate	µg/L	n/v	100 U	100 U	100 U	100 U	-	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	5.00 U	100 U	20.0 U	20.0 U	100 U	-	50 U	20.0 U	20.0 U	-	20.0 U	20.0 U	50.0 U
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	***500 U***	***500 U***	***500 U***	***500 U***	***500 U***	33	10.0 U	10.0 U	-	9.98 J	10.0 U	10.0 U	50.0 U	25.0 U	***500 U***	***100 U***	***100 U***	***500 U***	***500 U***	***250 U***	***100 U***	***100 U***	-	***100 UJ***	***100 U***	***250 U***
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	250 U	250 U	250 U	250 U	250 U	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	12.5 U	250 U	50.0 U	50.0 U	250 U	250 U	130 U	50.0 U	50.0 U	-	50.0 U	50.0 U	125 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	***100 U***	***100 U***	***100 U***	***100 U***	-	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Methylcyclohexane	µg/L	n/v	100 U	100 U	100 U	100 U	-	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	5.00 U	100 U	20.0 U	20.0 U	100 U	-	50 U	20.0 U	20.0 U	-	20.0 U	20.0 U	50.0 U
Methylene Chloride (Dichloromethane)	µg/L	5[B]	***250 U***	***250 U***	***250 U***	***250 U***	***250 U***	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	***250 U***	***130 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***125 U***
Naphthalene	µg/L	10[B]	***250 U***	***250 U***	***250 U***	***250 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Styrene	µg/L	5[B]	***250 U***	***250 U***	***250 U***	***250 U***	***250 U***	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	***250 U***	***130 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***125 U***
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Tetrachloroethene (PCE)	µg/L	5[B]	**2390[B]**	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	**832[B]**	**299[B]**	***100 U***	**65.4[B]**	**64.4[B]**	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	**694[B]**	***50.0 U***
Toluene	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Trichlorobenzene, 1,2,3-	µg/L	5[B]	***250 U***	***250 U***	***250 U***	***250 U***	-	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	-	***130 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***125 U***
Trichlorobenzene, 1,2,4-	µg/L	5[B]	***250 U***	***250 U***	***250 U***	***250 U***	-	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	-	***130 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***125 U***
Trichloroethane, 1,1,1-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Trichloroethane, 1,1,2-	µg/L	1[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Trichloroethene (TCE)	µg/L	5[B]	**1140[B]**	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	**651[B]**	**57.1[B]**	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	**167[B]**	***20.0 U***	-	***20.0 U***	**350[B]**	***50.0 U***
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	-	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Trimethylbenzene, 1,2,4-	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	250 U	-	-	-	-	-	-	-	-	-	-	-	-	-	250 U	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2[B]	***100 U***	***100 U***	**183[B]**	**945[B]**	**879[B]**	**13[B]**	**81.8[B]**	**6.65[B]**	-	**3.52[B]**	**140[B]**	**135[B]**	**23.3[B]**	***5.00 U***	**717[B]**	**997[B]**	**1030[B]**	**1060[B]**	**790[B]**	**1100[B]**	**558[B]**	**1040[B]**	-	**33.1[B]**	**537[B]**	**961[B]**
Xylene, m & p-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Xylene, o-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Total VOC	µg/L	n/v	5320	8600	2953	3665	1651	54.3	129.7	20.93	-	43.29	313.33	255.43	2666.9	466.1	4527	3322.4	3454.4	3690	2200	2100	1566	1704	-	110.8	3137	2571
Miscellaneous Parameters																												
Arsenic	mg/L	0.025[B]	0.010 U	**0.048[B]**	0.013	0.024	-	-	**0.0432[B]**	-	-	-	-	-	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	-	-	0.0100 U	-	-	-	-	-
Iron	mg/L	0.3[B]	**3.42[B]**	**20.8[B]**	**2.35[B]**	**19.3[B]**	-	-	**16.9 L[B]**	-	-	-	-	-	**1.81[B]**	0.100 U	**0.381[B]**	**1.00[B]**	**1.05[B]**	**2.68[B]**	-	-	0.144 L	-	-	-	-	-
Manganese	mg/L	0.3[B]	0.294	0.117	0.155	0.109	-	-	0.218 L	-	-	-	-	-	0.068	0.015 U	0.072	0.287	0.242	0.109	-	-	0.146 L	-	-	-	-	-
Sodium	mg/L	20[B]	**1270[B]**	**1250[B]**	**407[B]**	**1280[B]**	**2290[B]**	**2000[B]**	**1160[B]**	-	-	-	-	-	**461[B]**	**675[B]**	**1070[B]**	**590[B]**	**598[B]**	**659[B]**	**758[B]**	**820[B]**	**340[B]**	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	5.2	122	8.5	8.9	20.5	750	144	92.0	41.0	-	15	10.8	4.3	4.4	5.7	3.9	5.7	4.2	16.2	230	49.6	42.0	11.0	-	3.9	10.3

Table 1
Summary of Volatile Organic Compounds in Groundwater – September 2011 to March 2016
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW23														MW23R					
Sample Date			28-Sep-11	5-Jan-12	6-Feb-12	2-Mar-12	5-Jun-12	5-Jun-12	6-Sep-12	24-Jan-13	10-Apr-13	5-Jul-13	10-Oct-13	10-Oct-13	10-Oct-13	17-Jun-15	9-Mar-16	28-Sep-11	5-Jan-12	6-Feb-12	2-Mar-12	5-Jun-12	6-Sep-12
Sample ID			WSR-MW-23-GW-7	828-MW-23-GW-8	828-MW-23-GW-9	828-MW-23-GW-10	828-MW-23-GW-11	828-MW-DUP-GW-11	828-MW-23-GW-12	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-DUP-GW	828-MW-23-GW	828-MW-23-GW	WSR-MW-23R-GW-7	828-MW-23R-GW-8	828-MW-23R-GW-9	828-MW-23R-GW-10	828-MW-23R-GW-11	828-MW-23R-GW-12
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			P11-4106	P12-0069	12:0488	12:0936	12:2364	12:2364	12:3694	13:0365	131242	132505	133909	133925	133925	152493	160970	P11-4106	P12-0069	12:0488	12:0936	12:2364	12:3694
Laboratory Sample ID			14150	12:0069-06	12:0488-02	12:0936-05	12:2364-02	12:2364-03	12:3694-05	130365-05	131242-02	132505-03	133909-01	133925-02	133925-03	152493-02	160970-01	14151	12:0069-05	12:0488-03	12:0936-06	12:2364-04	12:3694-06
Sample Type	Units	TOGS						Field Duplicate							Field Duplicate								
Volatile Organic Compounds																							
Acetone	µg/L	50[A]	***100 U***	***500 U***	***500 U***	***500 U***	***1000 U***	***1000 U***	***1000 U***	***1000 U***	***100 U***	***100 U***	-	***100 U***	***100 U***	***100 U***	***250 U***	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	30.6
Benzene	µg/L	1[B]	***7.00 U***	***35.0 U***	***35.0 U***	***35.0 U***	***70.0 U***	***70.0 U***	***70.0 U***	***70 U***	***7.00 U***	***7.00 U***	-	***10 U***	***10 U***	***10.0 U***	***25.0 U***	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U
Bromobenzene	µg/L	5[B]	-	-	-	-	-	-	-	***500 U***	***50.0 U***	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[A]	20.0 U	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	20.0 U	20.0 U	-	20.0 U	20.0 U	20.0 U	50.0 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]	50.0 U	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	***500 U***	***500 U***	50.0 U	50.0 U	-	50.0 U	50.0 U	50.0 U	***125 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Butylbenzene, n-	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Butylbenzene, tert-	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Carbon Disulfide	µg/L	60[A]	50.0 U	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	20.0 U	20.0 U	-	20.0 U	20.0 U	20.0 U	50.0 U	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	µg/L	5[B]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	-	***500 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***50.0 U***	***125 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-
Chloroethane (Ethyl Chloride)	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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	-	-	-	-	-	-	1000 U	1000 U	100 U	-	-	-	-	-	-	-	-	-	-	-	10.0 U
Chloroform (Trichloromethane)	µg/L	7[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Cyclohexane	µg/L	n/v	100 U	500 U	500 U	500 U	1000 U	1000 U	-	1000 U	100 U	100 U	-	100 U	100 U	100 U	250 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]	***100 U***	***500 U***	***500 U***	***500 U***	***1000 U***	***1000 U***	-	***1000 U***	***100 U***	***100 U***	-	***100 U***	***100 U***	***100 U***	***250 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	-
Dibromochloromethane	µg/L	50[A]	20.0 U	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	20.0 U	20.0 U	-	20.0 U	20.0 U	20.0 U	50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Dichloroethane, 1,1-	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	**4130[B]**	**10900[B]**	**5120[B]**	**5240[B]**	**3940[B]**	**8900[B]**	**242[B]**	**862[B]**	-	**86.8 J[B]**	**142 J[B]**	**1040[B]**	**1110[B]**	**63.8[B]**	**82.4[B]**	**17.4[B]**	**13.1[B]**	**32.6[B]**	**5.30[B]**
Dichloroethene, trans-1,2-	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	-	-	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Dichloropropane, 1,3-	µg/L	5[B]	-	-	-	-	-	-	-	***200 U***	***20.0 U***	-	-	-	-	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5[B]	-	-	-	-	-	-	-	***200 U***	***20.0 U***	-	-	-	-	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[P,B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	-	-	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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	-	-	-	-	-	-	-	2000 U	200 U	200 U	-	R	R	200 U	500 U	-	-	-	-	-	-
Ethylbenzene	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	50.0 U	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	***500 U***	***500 U***	50.0 U	50.0 U	-	50.0 U	50.0 U	50.0 U	***125 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Isopropylbenzene	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-
Methyl Acetate	µg/L	n/v	20.0 U	100 U	100 U	100 U	200 U	200 U	-	200 U	20.0 U	20.0 U	-	20.0 U	20.0 U	20.0 U	50.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	***100 U***	***500 U***	***500 U***	***500 U***	***1000 U***	***1000 U***	***1000 U***	***1000 U***	***100 U***	***100 U***	-	***100 UJ***	***100 UJ***	***100 U***	***250 U***	10.0 U	10.0 U	11.9	10.0 U	10.0 U	10.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	50.0 U	250 U	250 U	250 U	500 U	500 U	500 U	500 U	50.0 U	50.0 U	-	50.0 U	50.0 U	50.0 U	125 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-
Methylcyclohexane	µg/L	n/v	20.0 U	100 U	100 U	100 U	200 U	200 U	-	200 U	20.0 U	20.0 U	-	20.0 U	20.0 U	20.0 U	50.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-
Methylene Chloride (Dichloromethane)	µg/L	5[B]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	***500 U***	***500 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***50.0 U***	***125 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Naphthalene	µg/L	10[B]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-
Propylbenzene, n-	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Styrene	µg/L	5[B]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	***500 U***	***500 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***50.0 U***	***125 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	**2240[B]**	**4010[B]**	**2500[B]**	**107[B]**	**1150[B]**	**1130[B]**	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	**663[B]**	**4810[B]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Toluene	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	-	***500 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***50.0 U***	***125 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-
Trichlorobenzene, 1,2,4-	µg/L	5[B]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	-	***500 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***50.0 U***	***125 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-
Trichloroethane, 1,1,1-	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	**36.4[B]**	***100 U***	**407[B]**	***100 U***	**562[B]**	**549[B]**	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	**251[B]**	**1060[B]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-
Trimethylbenzene, 1,2,4-	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Trimethylbenzene, 1,3,5-	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	500 U	-	-	-	-	-	-	-	-	-	-	-	-	-	5.00 U
Vinyl chloride	µg/L	2[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	**1090[B]**	**1130[B]**	**1110[B]**	**970[B]**	**154[B]**	**636[B]**	-	**241 J[B]**	**399 J[B]**	**73.3[B]**	***50.0 U***	**2.21[B]**	2.00 U	2.00 U	2.00 U	**5.95[B]**	**3.46[B]**
Xylene, m & p-	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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	2276.4	4010	7037	11007	7922	8049	5050	9870	396	1498	-	327.8	541	2027.3	6980	66.01	82.4	29.3	13.1	38.55	39.36
Miscellaneous Parameters																							
Arsenic	mg/L	0.025[B]	0.010 U	0.010 U	0.018	0.014	0.021	0.021	-	-	0.0217	-	-	-	-	-	-	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	-
Iron	mg/L	0.3[B]	0.100 U	**111[B]**	**23.3[B]**	**12.5[B]**	**15.7[B]**	**15.5[B]**	-	-	**13.2 L[B]**	-	-	-	-	-	-	**0.819[B]**	**3.04[B]**	**7.52[B]**	**3.08[B]**	**4.21[B]**	-
Manganese	mg/L	0.3[B]	0.226	**4.07[B]**	0.161	**0.523[B]**	0.165	0.189	-	-	**0.445 L[B]**	-	-	-	-	-	-	0.040	0.129	0.053	0.081 M	0.034	-
Sodium	mg/L	20[B]	**1450[B]**	**1660[B]**	**1090[B]**	**1090[B]**	**1130[B]**	**1150[B]**	**1120[B]**	**1300[B]**	**1000[B]**	-	-	-	-	-	-	**417[B]**	**392[B]**	**751[B]**	**766[B]**	**458[B]**	**568[B]**
Total Organic Carbon	mg/L	n/v	3.7	1880	118	68.4	6.0	6.0	64.3	560	165	23.0	8.50	-	-	3.5	9.17 J	3.6	38.4	33.0	31.1	4.0	58.6

Table 1
Summary of Volatile Organic Compounds in Groundwater – September 2011 to March 2016
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW23R							MW105												MW207R					
Sample Date			24-Jan-13	10-Apr-13	5-Jul-13	10-Oct-13	10-Oct-13	17-Jun-15	9-Mar-16	28-Sep-11	4-Jan-12	2-Feb-12	29-Feb-12	4-Jun-12	4-Sep-12	22-Jan-13	11-Apr-13	2-Jul-13	8-Oct-13	8-Oct-13	18-Jun-15	10-Mar-16	27-Sep-11	27-Sep-11	6-Feb-12	2-Mar-12	6-Jun-12	6-Sep-12
Sample ID			828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	WSR-MW-105-GW-12	WSR-MW-105-GW-13	WSR-MW-105-GW-14	WSR-MW-105-GW-15	WSR-MW-105-GW-16	WSR-MW-105-GW-17	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-207R-GW-12	WSR-MW-Dup-GW-13	WSR-MW-207R-GW-13	WSR-MW-207R-GW-14	WSR-MW-207R-GW-15	WSR-MW-207R-GW-16
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			13:0365	131242	132505	133909	133925	152493	160970	P11-4106	P12-0041	12:0443	12:0868	12:2335	12:3644	13:0329	131259	132471	133887	133927	152493	160970	P11-4089	P11-4089	12:0488	12:0936	12:2392	12:3694
Laboratory Sample ID			130365-04	131242-03	132505-02	133909-02	133925-04	152493-01	160970-02	14152	12:0041-02	12:0443-02	12:0868-02	12:2335-05	12:3644-02	130329-05	131259-02	132471-02	133887-01	133927-02	152493-07	160970-06	14074	14075	12:0488-04	12:0936-03	12:2392-03	12:3694-02
Sample Type	Units	TOGS																					Field Duplicate				
Volatile Organic Compounds																											
Acetone	µg/L	50[A]	10 U	10.0 U	11.1	-	18.3 J	10.0 U	10.0 U	50.0 U	50.0 U	35.4 B	20.0 U	10.0 U	20.0 U	50 U	32.8	10.0 U	-	10.0 U	10.0 U	10.0 U	50.0 U	50.0 U	***100 U***	***100 U***	50.0 U	50.0 U
Benzene	µg/L	1[B]	0.70 U	0.700 U	0.700 U	-	1 U	1.00 U	1.00 U	***3.50 U***	***3.50 U***	***1.75 U***	***1.40 U***	0.700 U	***1.40 U***	***3.5 U***	0.700 U	0.700 U	-	1 U	1.00 U	1.00 U	***3.50 U***	***3.50 U***	***7.00 U***	***7.00 U***	***3.50 U***	***3.50 U***
Bromobenzene	µg/L	5[B]	5.0 U	5.00 U	-	-	-	-	-	-	-	-	-	-	-	***25 U***	5.00 U	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[A]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	5.00 U	4.00 U	2.00 U	4.00 U	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	20.0 U	20.0 U	10.0 U	10.0 U
Bromoform (Tribromomethane)	µg/L	50[A]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	12.5 U	10.0 U	5.00 U	10.0 U	25 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	50.0 U	50.0 U	25.0 U	25.0 U
Bromomethane (Methyl bromide)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Butylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Butylbenzene, tert-	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Carbon Disulfide	µg/L	60[A]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	25.0 U	25.0 U	12.5 U	4.00 U	2.00 U	4.00 U	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	25.0 U	25.0 U	20.0 U	20.0 U	10.0 U	10.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Chlorobromomethane	µg/L	5[B]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***12.5 U***	***10.0 U***	5.00 U	-	***25 U***	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	-
Chloroethane (Ethyl Chloride)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10 U	10.0 U	-	-	-	-	-	-	-	-	-	-	20.0 U	50 U	10.0 U	-	-	-	-	-	-	-	-	-	-	50.0 U
Chloroform (Trichloromethane)	µg/L	7[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Chloromethane	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Cyclohexane	µg/L	n/v	10 U	10.0 U	10.0 U	-	10.0 U	10.0 U	10.0 U	50.0 U	50.0 U	25.0 U	20.0 U	10.0 U	-	50 U	10.0 U	10.0 U	-	10.0 U	10.0 U	10.0 U	50.0 U	50.0 U	100 U	100 U	50.0 U	-
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	***10 U***	***10.0 U***	***10.0 U***	-	***10.0 U***	***10.0 U***	***10.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	***20.0 U***	***10.0 U***	-	***50 U***	***10.0 U***	***10.0 U***	-	***10.0 U***	***10.0 U***	***10.0 U***	***50.0 U***	***50.0 U***	***100 U***	***100 U***	***50.0 U***	-
Dibromochloromethane	µg/L	50[A]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	5.00 U	4.00 U	2.00 U	4.00 U	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	20.0 U	20.0 U	10.0 U	10.0 U
Dichlorobenzene, 1,2-	µg/L	3[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	2.00 U	***4.00 U***	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichlorobenzene, 1,3-	µg/L	3[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	2.00 U	***4.00 U***	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichlorobenzene, 1,4-	µg/L	3[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	2.00 U	***4.00 U***	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Dichloroethane, 1,1-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichloroethane, 1,2-	µg/L	0.6[B]	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	***4.00 U***	***10 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichloroethene, 1,1-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichloroethene, cis-1,2-	µg/L	5[B]	**5.8[B]**	**5.83[B]**	4.81	-	**9.16[B]**	1.46 J	1.86 J	**480[B]**	**179[B]**	**220[B]**	**155[B]**	**81.9[B]**	**145[B]**	**210[B]**	**159[B]**	**83.6[B]**	-	**151[B]**	**111[B]**	**129[B]**	**908[B]**	**913[B]**	**1330[B]**	**1480[B]**	**432[B]**	**98.4[B]**
Dichloroethene, trans-1,2-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	**358[B]**	**134[B]**	**183[B]**	**120[B]**	**59.0[B]**	**115[B]**	**120[B]**	**83.6[B]**	**86.4[B]**	-	**196[B]**	**130[B]**	**115[B]**	**22.7[B]**	**22.3[B]**	***20.0 U***	***20.0 U***	**13.9[B]**	**26.0[B]**
Dichloropropane, 1,2-	µg/L	1[B]	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	***4.00 U***	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichloropropane, 1,3-	µg/L	5[B]	2.0 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-	***10 U***	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5[B]	2.0 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-	***10 U***	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[B,p]	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	***4.00 U***	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichloropropene, trans-1,3-	µg/L	0.4[B,p]	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	***4.00 U***	***10 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dioxane, 1,4-	µg/L	n/v	20 U	20.0 U	20.0 U	-	R	20.0 U	20.0 U	-	-	-	-	-	-	100 U	20.0 U	20.0 U	-	R	20.0 U	20.0 U	-	-	-	-	-	-
Ethylbenzene	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	-	***10 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	12.5 U	10.0 U	5.00 U	10.0 U	25 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	50.0 U	50.0 U	25.0 U	25.0 U
Isopropylbenzene	µg/L	5[B]	-	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	-	-	-	-	-	-	-	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Methyl Acetate	µg/L	n/v	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	5.00 U	4.00 U	2.00 U	-	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	20.0 U	20.0 U	10.0 U	-
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	**130[A]**	**80.7[A]**	**76.9[A]**	-	**107 J[A]**	10.0 U	10.0 U	50.0 U	50.0 U	25.0 U	20.0 U	10.0 U	20.0 U	**110[A]**	32.2	10.0 U	-	10.0 UJ	10.0 U	10.0 U	50.0 U	50.0 U	***100 U***	***100 U***	50.0 U	50.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	12.5 U	10.0 U	5.00 U	10.0 U	25 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	50.0 U	50.0 U	25.0 U	25.0 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	5.00 U	4.00 U	2.00 U	-	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	***20.0 U***	***20.0 U***	10.0 U	-
Methylcyclohexane	µg/L	n/v	2.0 U	2.00 U	2.00 U	-	2.00 U	1.59 J	1.37 J	10.0 U	10.0 U	5.00 U	4.00 U	2.00 U	-	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	20.0 U	20.0 U	10.0 U	-
Methylene Chloride (Dichloromethane)	µg/L	5[B]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***12.5 U***	***10.0 U***	5.00 U	***10.0 U***	***25 U***	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	***25.0 U***
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	10.0 U	5.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	-
Propylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Styrene	µg/L	5[B]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***12.5 U***	***10.0 U***	5.00 U	***10.0 U***	***25 U***	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	***25.0 U***
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Tetrachloroethene (PCE)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	**6.71[B]**	4.92	**5.21[B]**	**5.59[B]**	***10 U***	2.00 U	2.00 U	-	2.00 U	1.38 J	2.36	**132[B]**	**130[B]**	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Toluene	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Trichlorobenzene, 1,2,3-	µg/L	5[B]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***12.5 U***	***10.0 U***	5.00 U	-	***25 U***	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	-
Trichlorobenzene, 1,2,4-	µg/L	5[B]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***12.5 U***	***10.0 U***	5.00 U	-	***25 U***	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	-
Trichloroethane, 1,1,1-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Trichloroethane, 1,1,2-	µg/L	1[B]	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	***4.00 U***	***10 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Trichloroethene (TCE)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	**431[B]**	**221[B]**	**264[B]**	**200[B]**	**139[B]**	**229[B]**	**230[B]**	**13.9[B]**	**20.3[B]**	-	**16.8[B]**	**9.94[B]**	**10.1[B]**	**182[B]**	**184[B]**	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	-	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Trimethylbenzene, 1,2,4-	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Trimethylbenzene, 1,3,5-	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-	-	-	-	-	-	-	-	-	-	25.0 U
Vinyl chloride	µg/L	2[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	2.00 U	***4.00 U***	***10 U***	**23.6[B]**	**18.8[B]**	-	**78.3[B]**	**48.5[B]**	**55.5[B]**	**203[B]**	**213[B]**	**1010[B]**	**936[B]**	**627[B]**	**184[B]**
Xylene, m & p-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Xylene, o-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Total VOC	µg/L	n/v	135.8	86.53	92.81	-	134.46	3.05	3.23	1269	534	709.11	479.92	285.11	494.59	670	345.1	209.1	-	442.1	300.82	311.96	1447.7	1462.3	2340	2416	1072.9	308.4
Miscellaneous Parameters																												
Arsenic	mg/L	0.025[B]	-	0.0100 U	-	-	-	-	-	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	-	-	0.0194	-	-	-	-	-	-	-	0.010 U	0.014	0.010 U	-
Iron	mg/L	0.3[B]	-	**3.08 L[B]**	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	**3.91 L[B]**	-	-	-	-	-	-	-	0.100 U	0.100 U	0.100 U	-
Manganese	mg/L	0.3[B]	-	0.0702 L	-	-	-	-	-	0.092	0.021	0.033	0.041	0.015 U	-	-	0.0860 L	-	-	-	-	-	-	-	0.045	0.145	0.057	-
Sodium	mg/L	20[B]	**1200[B]**	**529[B]**	-	-	-	-	-	**318[B]**	**346[B]**	**352[B]**	**342[B]**	**356[B]**	**361[B]**	**1100[B]**	**302[B]**	-	-	-	-	-	-	-	**543[B]**	**439[B]**	**538[B]**	**531[B]**
Total Organic Carbon	mg/L	n/v	670	368	86.0	175	-	6.8	12.0	3.2	3	3.2	2.9	3.3	3.2	1200	164	12.0	4.70	-	2.5	6.14	-	-	18.5	8.7	9.4	1.7

Table 1
Summary of Volatile Organic Compounds in Groundwater – September 2011 to March 2016
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW207R							Trip Blank															
Sample Date			24-Jan-13	12-Apr-13	5-Jul-13	10-Oct-13	10-Oct-13	18-Jun-15	10-Mar-16	4-Jan-12	5-Jan-12	2-Feb-12	3-Feb-12	6-Feb-12	29-Feb-12	1-Mar-12	2-Mar-12	4-Jun-12	5-Jun-12	6-Jun-12	4-Sep-12	5-Sep-12	6-Sep-12	22-Jan-13	23-Jan-13	24-Jan-13	10-Apr-13
Sample ID			WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			13:0365	131283	132505	133909	133925	152493	160970	P12-0041	P12-0069	12:0443	12:0472	12:0488	12:0868	12:0906	12:0936	12:2335	12:2364	12:2392	12:3644	12:3668	12:3694	13:0329	13:0353	13:0365	131242
Laboratory Sample ID			130365-02	131283-04	132505-04	133909-04	133925-06	152493-06	160970-05	12:0041-01	12:0069-01	12:0443-01	12:0472-01	12:0488-01	12:0868-01	12:0906-01	12:0936-01	12:2335-01	12:2364-01	12:2392-01	12:3644-01	12:3668-01	12:3694-01	130329-01	130353-01	130365-01	131242-01
Sample Type	Units	TOGS								Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Volatile Organic Compounds																											
Acetone	µg/L	50[A]	50 U	50.0 U	***200 U***	-	***200 U***	***200 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	28.1 B	10.0 U	10.0 U	10 U	10 U	10 U	13.3
Benzene	µg/L	1[B]	***3.5 U***	***3.50 U***	***14.0 U***	-	***20 U***	***20.0 U***	***10.0 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	0.700 U	0.700 U	0.700 U	0.70 U	0.70 U	0.70 U	0.700 U
Bromobenzene	µg/L	5[B]	***25 U***	***25.0 U***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[A]	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Bromoform (Tribromomethane)	µg/L	50[A]	25 U	25.0 U	***100 U***	-	***100 U***	***100 U***	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Butylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 U	5.00 U	5.00 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	2.0 U	2.0 U	2.0 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Chlorobromomethane	µg/L	5[B]	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	-	-	5.0 U	5.0 U	5.0 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	50 U	50.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Chloromethane	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Cyclohexane	µg/L	n/v	50 U	50.0 U	200 U	-	200 U	200 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	-	-	-	10 U	10 U	10 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	***50 U***	***50.0 U***	***200 U***	-	***200 U***	***200 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***	-	-	-	***10 U***	***10 U***	***10 U***	***10.0 U***
Dibromochloromethane	µg/L	50[A]	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	3[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	3[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	3[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	5.00 U	5.00 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Dichloroethane, 1,1-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichloroethane, 1,2-	µg/L	0.6[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Dichloroethene, 1,1-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	5[B]	**500[B]**	**250[B]**	**193[B]**	-	***40.0 U***	**537[B]**	**690[B]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 U	2.00 U
Dichloroethene, trans-1,2-	µg/L	5[B]	**24[B]**	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	**14.7 J[B]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 U	2.00 U
Dichloropropane, 1,2-	µg/L	1[B]	-	-	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Dichloropropane, 1,3-	µg/L	5[B]	***10 U***	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5[B]	***10 U***	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[B]	-	-	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Dichloropropene, trans-1,3-	µg/L	0.4[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Dioxane, 1,4-	µg/L	n/v	100 U	100 U	400 U	-	R	400 U	200 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20 U	20 U	20 U	20.0 U
Ethylbenzene	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	-	-	-	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	25 U	25.0 U	***100 U***	-	***100 U***	***100 U***	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U
Isopropylbenzene	µg/L	5[B]	-	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	5.00 U	5.00 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	-	-	-	-	-	-	-	2.00 U	2.00 U	2.00 U	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 Acetate	µg/L	n/v	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	**140[A]**	**61.0[A]**	***200 U***	-	***200 UJ***	***200 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	10.0 U	10.0 U	10.0 U	10 U	10 U	10 U	10.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	25 U	25.0 U	100 U	-	100 U	100 U	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	10 U	10.0 U	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Methylcyclohexane	µg/L	n/v	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5[B]	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Styrene	µg/L	5[B]	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Tetrachloroethene (PCE)	µg/L	5[B]	**19[B]**	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Toluene	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5[B]	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	-	-	5.0 U	5.0 U	5.0 U	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5[B]	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	-	-	5.0 U	5.0 U	5.0 U	5.00 U
Trichloroethane, 1,1,1-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	1[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Trichloroethene (TCE)	µg/L	5[B]	**55[B]**	***10.0 U***	***40.0 U***	-	***40.0 U***	**20.5 J[B]**	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	5.00 U	-	-	-	-
Vinyl chloride	µg/L	2[B]	**1000[B]**	**327[B]**	**1850[B]**	-	**451[B]**	**829[B]**	**582[B]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 U	2.00 U
Xylene, m & p-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Xylene, o-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Total VOC	µg/L	n/v	1738	638	2043	-	451	1386.5	1286.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.1	ND	ND	ND	ND	ND	13.3
Miscellaneous Parameters																											
Arsenic	mg/L	0.025[B]	-	0.0100 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.3[B]	-	0.100 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3[B]	-	0.0207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	mg/L	20[B]	**840[B]**	**493[B]**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	530	131	28.0	18.4	-	4.1	11.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 1
Summary of Volatile Organic Compounds in Groundwater – September 2011 to March 2016
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			Trip Blank									
Sample Date			11-Apr-13	12-Apr-13	2-Jul-13	3-Jul-13	5-Jul-13	8-Oct-13	9-Oct-13	10-Oct-13	17-Jun-15	9-Mar-16
Sample ID			Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	TRIP-06172015, T-633	Trip Blank (T-693)
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			131259	131283	132471	132490	132505	133927	133926	133925	152493	160970
Laboratory Sample ID			131259-01	131283-01	132471-01	132490-01	132505-01	133927-01	133926-01	133925-01	152493-04	160970-07
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												
Acetone	µg/L	50[A]	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
Benzene	µg/L	1[B]	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U	1 U	1 U	1 U	1.00 U	1.00 U
Bromobenzene	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[A]	2.00 U	2.00 U	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]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5[..B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Butylbenzene, n-	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5[..B]	2.00 U	2.00 U	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]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	5[..B]	2.00 U	2.00 U	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	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]	***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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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	5[..B]	2.00 U	2.00 U	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]	***2.00 U***	***2.00 U***	***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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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, trans-1,2-	µg/L	5[..B]	2.00 U	2.00 U	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]	***2.00 U***	***2.00 U***	***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, 1,3-	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[p,B]	***2.00 U***	***2.00 U***	***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]	***2.00 U***	***2.00 U***	***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	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	R	R	R	20.0 U	20.0 U
Ethylbenzene	µg/L	5[..B]	2.00 U	2.00 U	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]	***2.00 U***	***2.00 U***	***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]	5.00 U	5.00 U	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]	2.00 U	2.00 U	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	2.00 U	2.00 U	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]	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 UJ	10.0 U	10.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylcyclohexane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5[..B]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 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	5.00 U	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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Toluene	µg/L	5[..B]	2.00 U	2.00 U	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]	5.00 U	5.00 U	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]	5.00 U	5.00 U	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]	2.00 U	2.00 U	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]	***2.00 U***	***2.00 U***	***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]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5[..B]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, m & p-	µg/L	5[..B]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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	ND	ND	0	0	0	ND	ND	ND	ND	ND
Miscellaneous Parameters												
Arsenic	mg/L	0.025[B]	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.3[..B]	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3[..B]	-	-	-	-	-	-	-	-	-	-
Sodium	mg/L	20[B]	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-

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); Guida
[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); Stand
6.5[A]	Concentration exceeds the indicated standard.
15.2	Measured concentration did not exceed the indicated standard.
0.50 U	Laboratory reporting limit was greater than the applicable standard.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
.	The standard for Iron and Manganese is 500 ug/L, which applies to the sum of these substances. As individual standards, the standard is 300 ug/L.
..	The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in the TOGS table) applies to this substance.
p	Applies to the sum of cis- and trans-1,3-dichloropropene.
B	Indicates analyte was found in associated blank, as well as in the sample.
J	The reported result is an estimated value.
L	Detection limit adjustment for sample matrix effects.
M	Denotes matrix spike recoveries outside QC limits. Matrix bias indicated.
UJ	Indicates estimated non-detect.

Table 2
Summary of Field Parameters in Groundwater – September 2011 to March 2016
WARD STREET SITE
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Area of interest		On-Site Area 1: Building B Annex																						
Sample Location		MW105												MW207R										
Sample Date		28-Sep-11	4-Jan-12	2-Feb-12	29-Feb-12	4-Jun-12	4-Sep-12	22-Jan-13	11-Apr-13	2-Jul-13	8-Oct-13	18-Jun-15*	10-Mar-16	27-Sep-11	6-Feb-12	2-Mar-12	6-Jun-12	6-Sep-12	24-Jan-13	12-Apr-13	5-Jul-13	10-Oct-13	18-Jun-15	10-Mar-16
Sample ID		WSR-MW-105-GW-12	WSR-MW-105-GW-13	WSR-MW-105-GW-14	WSR-MW-105-GW-15	WSR-MW-105-GW-16	WSR-MW-105-GW-17	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-207R-GW-12	WSR-MW-207R-GW-13	WSR-MW-207R-GW-14	WSR-MW-207R-GW-15	WSR-MW-207R-GW-16	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW
Sampling Company	Units	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters																								
Color (Visual)	none	clear	clear	clear	clear	clear	cloudy	clear	Black precipitate	clear with some brown precipitate	clear	cloudy	clear	clear	clear w/ black flecks	clear w/ black flecks	clear	clear w/ black flecks	murky w/ black flecks	Black precipitate	clear with black precipitate	clear with black particulates	slightly yellow	clear
Conductivity, Field	mS/cm	2.50	2.72	0.267	2.36	0.318	2.60	4.66	2.71	2.55	2.76	2.24	2.31	0.50	0.541	4.32	0.490	4.59	49.93	3.85	4.00	3.57	3.84	3.48
Dissolved Oxygen, Field	mg/L	0.00	0.53	0.00	0.25	0.97	0.53	0.17	0.79	0.32	0.21	0.42	0.35	0.7	0.00	0.00	0.62	0.41	0.36	0.74	0.15	0.14	0.67	0.4
Odor	none	none	no odor	no odor	no odor	sulfur odor	no odor	sulfur odor	Strong sulfur odor	none	none	none	slight sulfur	sulfur odor	odor	sulfur odor	strong sulfur odor	sulfur	sulfur odor	odor	strong sulfur odor	strong sulfur odor	sulfur odor	sulfur odor
Oxidation Reduction Potential	mV	111	227	297	235	-132	195.3	-199.2	-219.6	-152.6	-70.2	-28.0	-90.2	-134	-345	-374	-358	-301.6	-351.9	-346.1	-349.2	-288.8	-248.2	-67.0
pH, Field	S.U.	6.87	7.25	7.28	7.33	7.09	7.16	6.90	7.37	8.47	7.26	7.18	7.22	6.93	6.73	7.22	6.68	6.87	6.77	8.04	6.78	6.93	6.79	7.00
Temperature, Field	deg C	20.46	20.49	19.22	20.43	19.4	21.3	18.9	18.7	19.6	19.4	19.2	19.6	17.9	14.27	13.28	15.9	20.1	14.0	11.7	18.7	18.6	15.0	14.2
Turbidity, Field	NTU	58.5	31.3	3.44	9.75	4.41	17.6	4.99	4.36	5.56	3.56	47.8	13.0	4.21	-0.29	5.79	0.70	3.92	1.72	2.31	3.53	3.66	1.52	2.29
Volume Purged	gal	0.6	3 ~	3.5 ~	2.0	1.0	1.1	2.7	1.3	1.35	1.0	0.3	1.3	1.5	1.1	0.5	1.3	1.2	3.6	1.6	2.0	1.5	1.5	1.6

*parameters at the end of low-flow purge; ORP was -96 at end of volumetric purge by bailer

See Notes on Last Page

Table 2
Summary of Field Parameters in Groundwater – September 2011 to March 2016
WARD STREET SITE
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Area of interest		Off-Site Area 1: MW-16/ Ward Street																						
Sample Location		MW16											MW16R											
Sample Date		27-Sep-11	3-Feb-12	2-Mar-12	5-Jun-12	5-Sep-12	23-Jan-13	11-Apr-13	3-Jul-13	9-Oct-13	17-Jun-15*	9-Mar-16	28-Sep-11	5-Jan-12	3-Feb-12	1-Mar-12	5-Jun-12	5-Sep-12	23-Jan-13	11-Apr-13	3-Jul-13	9-Oct-13	17-June-15*	9-Mar-16
Sample ID		WSR-MW-16-GW-18	WSR-MW-16-GW-19	WSR-MW-16-GW-20	WSR-MW-16-GW-21	WSR-MW-16-GW-22	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16R-GW-18	WSR-MW-16R-GW-19	WSR-MW-16R-GW-20	WSR-MW-16R-GW-21	WSR-MW-16R-GW-22	WSR-MW-16R-GW-23	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW
Sampling Company	Units	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters																								
Color (Visual)	none	sl.red	clear	slightly cloudy	clear	clear	clear	clear with black precipitate	clear with black precipitate	clear with black specks	clear with black sulfide deposits	clear with black sulfide deposits	clear	clear	clear	clear w/ black flecks	clear	clear	murky	Slightly clouded	clear with black precipitate	clear with black precipitate	clear with black particulate	clear with black particulate
Conductivity, Field	mS/cm	6.72	0.762	2.33	0.843	10.52	7.63	10.63	9.73	10.13	11.94	12.76	4.31	3.75	0.782	4.90	0.629	5.19	5.32	4.06	4.40	2.67	8.04	3.72
Dissolved Oxygen, Field	mg/L	0	0.0	0.00	1.09	0.40	0.51	0.8	0.19	0.10	0.35	0.13	1.12	2.63	0.00	0.00	1.00	0.16	0.90	0.76	0.25	0.14	0.16	0.11
Odor	none	0	no odor	no odor	no odor	sulfur	sewage odor	Sulfur odor	slight sulfur odor	sulfur odor	none	sulfur odor	none	no odor	no odor	stale odor	no odor	sulfur	sulfur	Sulfur odor	slight sulfur odor	sulfur odor	none	none
Oxidation Reduction Potential	mV	-107	-259	-181	-291	-319.5	-208.0	-361.2	-207.6	-188.0	-150.0	-120.2	-62	104	-247	-196	-247	-328.6	-346.8	-313.9	-354.5	-264.3	-205.9	-144.3
pH, Field	S.U.	6.82	7.13	7.52	7.20	7.26	7.06	7.10	7.13	7.33	7.08	7.06	6.56	7.53	6.84	7.04	6.53	6.96	6.76	7.04	6.90	6.58	7.00	6.95
Temperature, Field	deg C	19.29	11.68	11.23	19.6	21.7	8.7	8.3	18.1	19.3	16.5	14.9	17.78	7.26	12.28	10.95	18.3	20.9	11.1	8.3	19.0	19.7	16.0	17.2
Turbidity, Field	NTU	30	11.1	17.6	37.0	7.11	1.01	4.55	8.59	11.4	8.98	11.55	37	44.3	12.7	29	15.0	11.48	3.97	13.9	12.50	6.42	9.79	3.76
Volume Purged	gal	0.9	3.0	1.9	0.5	1.1	2.8	3.3	1.3	0.8	1.0	1.1	1.0	0.6	2.7	2.1	0.8	1.9	1.2	2.8	2.0	1.1	0.3	1.4

*parameters at the end of low-flow purge

*parameters at the end of low-flow purge

See Notes on Last Page

Table 2
Summary of Field Parameters in Groundwater – September 2011 to March 2016
WARD STREET SITE
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Area of interest		8-28 Ward St											
Sample Location		MW23											
Sample Date		28-Sep-11	5-Jan-12	6-Feb-12	2-Mar-12	5-Jun-12	6-Sep-12	24-Jan-13	10-Apr-13	5-Jul-13	10-Oct-13	17-Jun-15*	9-Mar-16
Sample ID		WSR-MW-23-GW-7	828-MW-23-GW-8	828-MW-23-GW-9	828-MW-23-GW-10	828-MW-23-GW-11	828-MW-23-GW-12	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW
Sampling Company	Units	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters													
Color (Visual)	none	clear	clear	clear w/ black flecks	clear w/ black flecks	clear, no black flecks	clear/black pieces	clear w/ black flecks	Black precipitate	clear with black precipitate	clear with black precipitate	slightly yellow, brown particulate	
Conductivity, Field	mS/cm	7.37	7.12	0.596	6.06	0.828	6.62	4.66	4.38	3.48	5.96	4.34	5.21
Dissolved Oxygen, Field	mg/L	0.0	2.61	0.00	0.00	0.42	0.16	0.35	0.22	0.11	0.13	0.47	0.32
Odor	none	none	no odor	no odor	no odor	no odor	no odor	sewage odor	No odor	slight sulfur odor	sulfur odor	none	none
Oxidation Reduction Potential	mV	31	-135	-187	-238	-211	-147.1	-232.0	-149.2	-271.7	-149.3	-101.3	-22.2
pH, Field	S.U.	6.66	6.73	7.09	7.57	6.71	7.04	7.09	7.13	6.44	6.93	7.13	7.09
Temperature, Field	deg C	14.63	11.85	6.47	12.18	13.8	21.0	11.0	9.8	18.1	15.3	15.8	12.7
Turbidity, Field	NTU	45	12.2	9.78	24	1.35	9.14	3.72	9.72	9.23	3.66	25.3	8.52
Volume Purged	gal	2.1	1.6	0.5	0.6	2.5	1.6	0.9	1.0	1.1	1.2	0.8	1.7

See Notes on Last Page

*parameters at the end of low-flow purge

Table 2
Summary of Field Parameters in Groundwater – September 2011 to March 2016
WARD STREET SITE
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Area of interest		MW23R											
Sample Location													
Sample Date		28-Sep-11	5-Jan-12	6-Feb-12	2-Mar-12	5-Jun-12	6-Sep-12	24-Jan-13	10-Apr-13	5-Jul-13	10-Oct-13	17-Jun-15	9-Mar-16
Sample ID		WSR-MW-23R-GW-7	828-MW-23R-GW-8	828-MW-23R-GW-9	828-MW-23R-GW-10	828-MW-23R-GW-11	828-MW-23R-GW-12	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW
Sampling Company	Units	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters													
Color (Visual)	none	clear	clear w/ black flecks	clear w/ black flecks	clear w/ black flecks	clear w/ black flecks	black	murky	0	clear with black precipitate	clear with black precipitate	clear, black sulfide deposits	clear, black sulfide deposits
Conductivity, Field	mS/cm	3.44	4.24	0.671	7.03	0.635	4.74	6.34	6.52	6.45	5.28	5.18	4.78
Dissolved Oxygen, Field	mg/L	0.00	0.00	0.00	0.00	0.57	0.24	0.33	0.11	0.11	0.41	0.14	0.09
Odor	none	none	no odor	odor	sulfur odor	no odor	sulfur	slight sulfur odor	0	strong sulfur odor	strong sulfur odor	sulfur odor	sulfur odor
Oxidation Reduction Potential	mV	-23	-168	-262	-317	-211	-375.3	-438.3	-358.9	-408.0	-347.1	-307.0	-138.5
pH, Field	S.U.	6.63	7.38	6.71	6.86	6.59	7.02	6.65	6.67	6.79	6.97	7.16	7.25
Temperature, Field	deg C	22.26	12.61	11.12	12.97	16.1	19.7	11.5	10.8	17.5	15.5	14.3	14.2
Turbidity, Field	NTU	3.3	6.24	1.04	11.3	3.27	0.92	1.60	1.25	0.82	3.84	2.87	3.58
Volume Purged	gal	0.7	1.3	1.7	2.2	1.1	1.4	1.5	2.3	2.3	0.9	1.8	1.5

See Notes on Last Page

Table 3
Summary of Volatile Organic Compounds in Soil – May 2016
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			B1	B2	B3	B4	B5	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16		B17	B18	B19
Sample Date			23-May-16	23-May-16	23-May-16	23-May-16	23-May-16	23-May-16	23-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16
Sample ID			828-2016-B1-S	828-2016-B2-S	828-2016-B3-S	828-2016-B4-S	828-2016-B5-S	828-2016-B7-S	828-2016-B8-S	828-2016-B9-S	828-2016-B10-S	828-2016-B11-S	828-2016-B12-S	828-2016-B13-S	828-2016-B14-S	828-2016-B15-S	828-2016-B16-S	828-2016-FD-S	828-2016-B17-S	828-2016-B18-S	828-2016-B19-S
Sample Depth			13.2 - 13.7 ft	13.3 - 13.8 ft	8.3 - 8.8 ft	13 - 13.5 ft	8.5 - 9 ft	7.5 - 8 ft	11.5 - 12 ft	13 - 13.5 ft	9 - 9.5 ft	5 - 5.5 ft	9.5 - 10 ft	5.5 - 6 ft	14 - 14.5 ft	11 - 11.5 ft	9.5 - 10 ft	9.5 - 10 ft	10 - 10.5 ft	7 - 7.5 ft	12.5 - 13 ft
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126
Laboratory Sample ID			162126-01	162126-02	162126-03	162126-04	162126-05	162126-06	162126-07	162126-08	162126-09	162126-10	162126-11	162126-12	162126-13	162126-14	162126-15	162126-19	162126-16	162126-17	162126-18
Sample Type	Units	NYSDEC-Part 375																Field Duplicate			
Volatile Organic Compounds																					
Acetone	µg/kg	500000$_c$[A] 1000000$_d$[B] 50[C]	41.6 U	39.8 U	20.1 U	20.6 U	***230 U***	22.0 U	17.8 U	18.4 U	19.6 U	22.1 U	21.3 U	22.4 U	18.9 U	16.6 U	***51.8 U***	***100 U***	22.0 U	22.1 U	19.6 U
Benzene	µg/kg	44000[A] 89000[B] 60[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Bromodichloromethane	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Bromoform (Tribromomethane)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U
Bromomethane (Methyl bromide)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Carbon Disulfide	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	5.84 J	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	22000[A] 44000[B] 760[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Chlorobenzene (Monochlorobenzene)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1100[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Chlorobromomethane	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U
Chloroethane (Ethyl Chloride)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Chloroform (Trichloromethane)	µg/kg	350000[A] 700000[B] 370[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Chloromethane	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Cyclohexane	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	41.6 U	39.8 U	20.1 U	20.6 U	230 U	22.0 U	17.8 U	18.4 U	19.6 U	22.1 U	21.3 U	22.4 U	18.9 U	16.6 U	51.8 U	100 U	22.0 U	22.1 U	19.6 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	41.6 U	39.8 U	20.1 U	20.6 U	230 U	22.0 U	17.8 U	18.4 U	19.6 U	22.1 U	21.3 U	22.4 U	18.9 U	16.6 U	51.8 U	100 U	22.0 U	22.1 U	19.6 U
Dibromochloromethane	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichlorobenzene, 1,2-	µg/kg	500000$_c$[A] 1000000$_d$[B] 1100[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichlorobenzene, 1,3-	µg/kg	280000[A] 560000[B] 2400[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichlorobenzene, 1,4-	µg/kg	130000[A] 250000[B] 1800[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichlorodifluoromethane (Freon 12)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichloroethane, 1,1-	µg/kg	240000[A] 480000[B] 270[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichloroethane, 1,2-	µg/kg	30000[A] 60000[B] 20$_g$[C]	8.32 U	7.96 U	4.02 U	4.12 U	***46.0 U***	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichloroethene, 1,1-	µg/kg	500000$_c$[A] 1000000$_d$[B] 330[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichloroethene, cis-1,2-	µg/kg	500000$_c$[A] 1000000$_d$[B] 250[C]	**608[C]**	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichloroethene, trans-1,2-	µg/kg	500000$_c$[A] 1000000$_d$[B] 190[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichloropropane, 1,2-	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichloropropene, cis-1,3-	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichloropropene, trans-1,3-	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dioxane, 1,4-	µg/kg	130000[A] 250000[B] 100$_f$[C]	83.2 U	79.6 U	40.2 U	41.2 U	***460 U***	44.0 U	35.6 U	36.9 U	39.1 U	44.2 U	42.6 U	44.9 U	37.8 U	33.2 U	***104 U***	***200 U***	44.0 U	44.2 U	39.2 U
Ethylbenzene	µg/kg	390000[A] 780000[B] 1000[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U
Isopropylbenzene	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Methyl Acetate	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	500000$_c$[A] 1000000$_d$[B] 120[C]	41.6 U	39.8 U	20.1 U	20.6 U	***230 U***	22.0 U	17.8 U	18.4 U	19.6 U	22.1 U	21.3 U	22.4 U	18.9 U	16.6 U	51.8 U	100 U	22.0 U	22.1 U	19.6 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U
Methyl tert-butyl ether (MTBE)	µg/kg	500000$_c$[A] 1000000$_d$[B] 930[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Methylcyclohexane	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Methylene Chloride (Dichloromethane)	µg/kg	500000$_c$[A] 1000000$_d$[B] 50[C]	20.8 U	19.9 U	10.0 U	10.3 U	***115 U***	11.0 U	8.90 U	9.22 U	5.21 J	9.63 J	5.91 J	7.98 J	6.76 J	8.30 U	25.9 U	***50.1 U***	10.2 J	11.1 U	5.62 J
Styrene	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U
Tetrachloroethane, 1,1,2,2-	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Tetrachloroethene (PCE)	µg/kg	150000[A] 300000[B] 1300[C]	565	516	23.3	19.1	**4220[C]**	109	166	3.69 U	314	33.0	4.30	10.5	8.71	260	423	977	193	31.2	2.19 J
Toluene	µg/kg	500000$_c$[A] 1000000$_d$[B] 700[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Trichlorobenzene, 1,2,3-	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U
Trichlorobenzene, 1,2,4-	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U
Trichloroethane, 1,1,1-	µg/kg	500000$_c$[A] 1000000$_d$[B] 680[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Trichloroethane, 1,1,2-	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Trichloroethene (TCE)	µg/kg	200000[A] 400000[B] 470[C]	97.1	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	10.6	7.58 J	17.3 J	4.40 U	4.42 U	3.92 U
Trichlorofluoromethane (Freon 11)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U

Table 3
Summary of Volatile Organic Compounds in Soil – May 2016
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			B1	B2	B3	B4	B5	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16		B17	B18	B19
Sample Date			23-May-16	23-May-16	23-May-16	23-May-16	23-May-16	23-May-16	23-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16
Sample ID			828-2016-B1-S	828-2016-B2-S	828-2016-B3-S	828-2016-B4-S	828-2016-B5-S	828-2016-B7-S	828-2016-B8-S	828-2016-B9-S	828-2016-B10-S	828-2016-B11-S	828-2016-B12-S	828-2016-B13-S	828-2016-B14-S	828-2016-B15-S	828-2016-B16-S	828-2016-FD-S	828-2016-B17-S	828-2016-B18-S	828-2016-B19-S
Sample Depth			13.2 - 13.7 ft	13.3 - 13.8 ft	8.3 - 8.8 ft	13 - 13.5 ft	8.5 - 9 ft	7.5 - 8 ft	11.5 - 12 ft	13 - 13.5 ft	9 - 9.5 ft	5 - 5.5 ft	9.5 - 10 ft	5.5 - 6 ft	14 - 14.5 ft	11 - 11.5 ft	9.5 - 10 ft	9.5 - 10 ft	10 - 10.5 ft	7 - 7.5 ft	12.5 - 13 ft
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126
Laboratory Sample ID			162126-01	162126-02	162126-03	162126-04	162126-05	162126-06	162126-07	162126-08	162126-09	162126-10	162126-11	162126-12	162126-13	162126-14	162126-15	162126-19	162126-16	162126-17	162126-18
Sample Type	Units	NYSDEC-Part 375																Field Duplicate			
Trichlorotrifluoroethane (Freon 113)	µg/kg	500000_c[A] 1000000_d[B] 1000000_d[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Vinyl chloride	µg/kg	13000[A] 27000[B] 20[C]	8.32 U	7.96 U	4.02 U	4.12 U	***46.0 U***	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Xylene, m & p-	µg/kg	$500000_{c,p}$[A] $1000000_{d,p}$[B] 1600_p[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Xylene, o-	µg/kg	$500000_{c,p}$[A] $1000000_{d,p}$[B] 1600_p[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Total VOC	µg/kg	n/v	1275.94	516	23.3	19.1	4220	109	166	ND	319.21	42.63	10.21	18.48	15.47	270.6	430.58	994.3	203.2	31.2	7.81
Tentatively Identified Compound (TIC)	µg/kg	n/v	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U
Total VOC TICs	µg/kg	n/v	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U

See notes on last page.

Table
Summary of Volatile Organic Compounds in Soil – May 2016
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Notes:

NYSDEC-Part 375	NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
A	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Commercial
B	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Industrial
C	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
6.5[A]	Concentration exceeds the indicated standard.
15.2	Measured concentration did not exceed the indicated standard.
0.50 U	Laboratory reporting limit was greater than the applicable standard.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
c	The SCOs for commercial use were capped at a maximum value of 500 mg/kg. See TSD Section 9.3.
c,p	The SCOs for commercial use were capped at a maximum value of 500 mg/kg. See TSD Section 9.3. The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
BC d	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
d,p	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3. The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
f	For constituents where the calculated SCO was lower than the CRQL, the CRQL is used as the SCO value.
g	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
p	The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
J	The reported result is an estimated value.

Figures

Cartographic Design By: Marc Bouchard

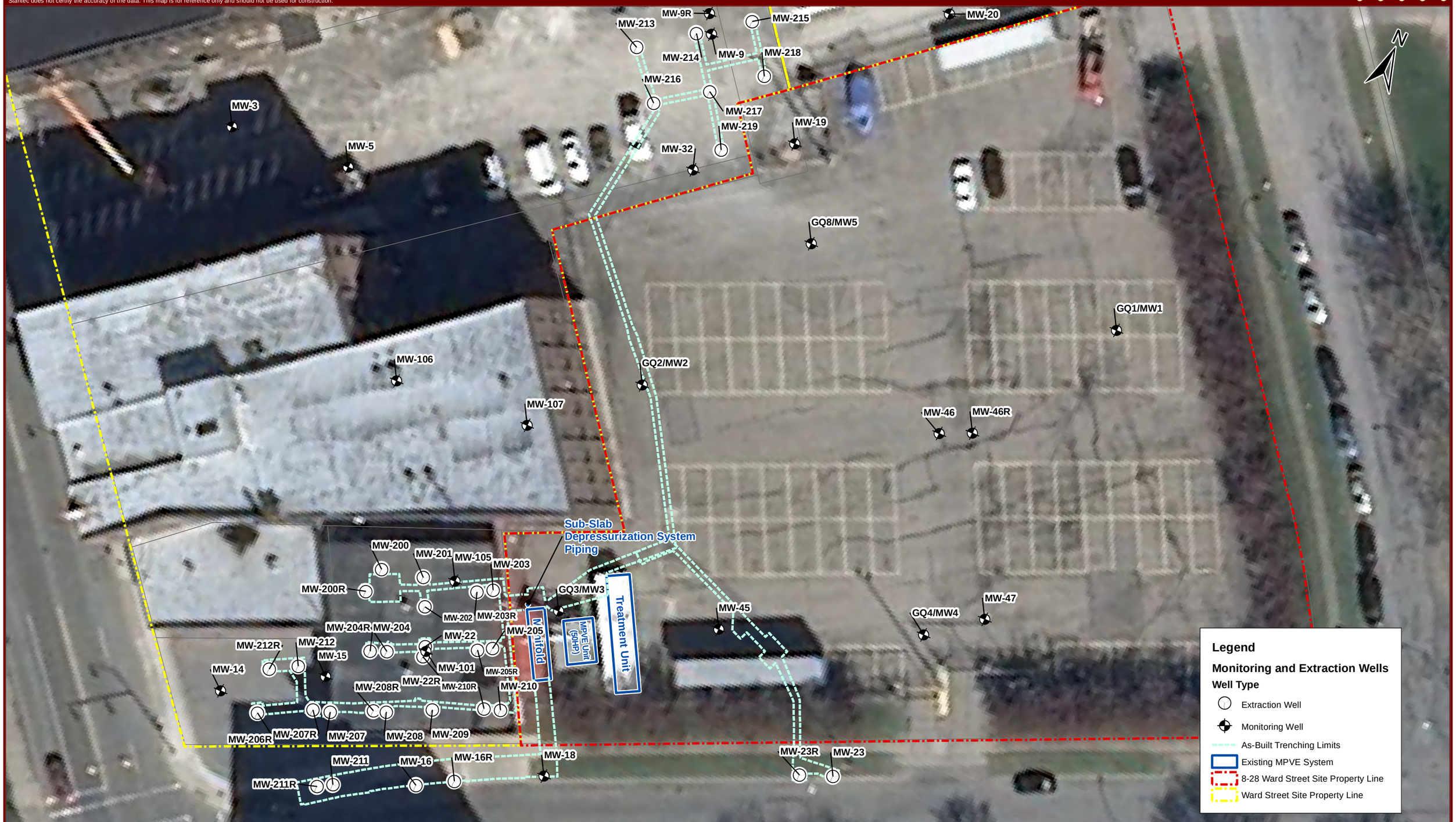
Geographic Information Systems

Feb ,2011
U:\1405205\docs\ERD\Figures

Stantec Consulting
61 Commercial Street
Rochester, NY 14614
Phone 585.475.1440 Fax 585.272.1814
www.stantec.com

Figure 1 - Site Location Map

Ward Street Site
Rochester, NY



Geographic Information Systems

Cartographic Design By: Andrew Less

U:\1405205\docs\ERD\Figures

Stantec Consulting
61 Commercial Street
Rochester, NY 14614
Phone 585.475.1440 Fax 585.272.1814
www.stantec.com

0 5 10 20 30 40
Feet

1 inch = 30 feet

Figure 2 - Well Locations

Ward Street Site
Rochester, NY

Geographic Information Systems

Document Path: U:\190500014\2016 boring program\Field Data\GPS Points\Fig 3 Boring Locations.mxd

Cartographic Design By: Andrew Less

Stantec Consulting
61 Commercial Street
Rochester, NY 14614
Phone 585.475.1440 Fax 585.272.1814
www.stantec.com

0 5 10 20 30 40 Feet

1 inch = 10 feet

Figure 3 - Boring Locations and Proposed Excavation

Ward Street Site
Rochester, NY

Appendix A

IC/EC Certification Forms

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

Site Details **Box 1**

Site No. **C828117**

Site Name **Ward Street Site**

Site Address: Corner of Ward St. & St. Paul St. Zip Code: 14603
City/Town: Rochester
County: Monroe
Site Acreage: 1.9

408 St. Paul Street
Rochester, NY 14605

Reporting Period: November 15, 2015 to November 15, 2016

	YES	NO
1. Is the information above correct?	☐	☒
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☒	☐
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☒	☐
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

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

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

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

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

	YES	NO
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C828117

Description of Institutional Controls

Parcel	Owner	Institutional Control
106.62-01-028	Germanow-Simon Corporation	Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan Monitoring Plan

Restrict site usage to commercial or industrial. Restrict groundwater use. Any on-site soil excavation shall comply with the approved Soil Management Plan; and maintain Environmental Easement Agreement.

106.62-01-029	Germanow-Simon Corporation	Monitoring Plan Site Management Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction

Restrict site usage to commercial or industrial. Restrict groundwater use. Any on-site soil excavation shall comply with the approved Soil Management Plan; and maintain Environmental Easement Agreement.

106.62-01-030	Germanow-Simon Corporation	Site Management Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan

Restrict site usage to commercial or industrial. Restrict groundwater use. Any on-site soil excavation shall comply with the approved Soil Management Plan; and maintain Environmental Easement Agreement.

106.62-01-031	Germanow-Simon Corporation	Site Management Plan Monitoring Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction

Restrict site usage to commercial or industrial. Restrict groundwater use. Any on-site soil excavation shall comply with the approved Soil Management Plan; and maintain Environmental Easement Agreement.

106.62-01-032	Germanow-Simon Corporation	Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan Monitoring Plan

Restrict site usage to commercial or industrial. Restrict groundwater use. Any on-site soil excavation shall comply with the approved Soil Management Plan; and maintain Environmental Easement Agreement.

106.62-01-057	Germanow-Simon Corporation	Soil Management Plan Site Management Plan Ground Water Use Restriction Landuse Restriction Monitoring Plan

Restrict site usage to commercial or industrial. Restrict groundwater use. Any on-site soil excavation shall comply with the approved Soil Management Plan; and maintain Environmental Easement Agreement.

106.62-01-21	Germanow-Simon Corporation	

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction

Monitoring Plan
Site Management Plan

Restrict site usage to commercial or industrial. Restrict groundwater use. Any on-site soil excavation shall comply with the approved Soil Management Plan; and maintain Environmental Easement Agreement.

Description of Engineering Controls

Parcel	Engineering Control
106.62-01-028	Cover System

A multi-phase vacuum extraction system (MPVE) was operated at the site until February 22, 2011. DEC has approved the shutdown and decommissioning of the system. An enhanced reductive dechlorination (ERD) program was implemented at the site in November 2011. Continued groundwater monitoring and periodic injections are required until cleanup goals are achieved or DEC approves program modifications; Maintain asphalt and concrete surfaces in the area of contamination.

106.62-01-029

Cover System

A multi-phase vacuum extraction system (MPVE) was operated at the site until February 22, 2011. DEC has approved the shutdown and decommissioning of the system. An enhanced reductive dechlorination (ERD) program was implemented at the site in November 2011. Continued groundwater monitoring and periodic injections are required until cleanup goals are achieved or DEC approves program modifications; Maintain asphalt and concrete surfaces in the area of contamination.

106.62-01-030

Cover System

A multi-phase vacuum extraction system (MPVE) was operated at the site until February 22, 2011. DEC has approved the shutdown and decommissioning of the system. An enhanced reductive dechlorination (ERD) program was implemented at the site in November 2011. Continued groundwater monitoring and periodic injections are required until cleanup goals are achieved or DEC approves program modifications; Maintain asphalt and concrete surfaces in the area of contamination.

106.62-01-031

Cover System

A multi-phase vacuum extraction system (MPVE) was operated at the site until February 22, 2011. DEC has approved the shutdown and decommissioning of the system. An enhanced reductive dechlorination (ERD) program was implemented at the site in November 2011. Continued groundwater monitoring and periodic injections are required until cleanup goals are achieved or DEC approves program modifications; Maintain asphalt and concrete surfaces in the area of contamination.

106.62-01-032

Cover System

A multi-phase vacuum extraction system (MPVE) was operated at the site until February 22, 2011. DEC has approved the shutdown and decommissioning of the system. An enhanced reductive dechlorination (ERD) program was implemented at the site in November 2011. Continued groundwater monitoring and periodic injections are required until cleanup goals are achieved or DEC approves program modifications; Operate a sub-slab depressurization system; Maintain asphalt and concrete surfaces in the area of contamination.

106.62-01-057

Cover System

A multi-phase vacuum extraction system (MPVE) was operated at the site until February 22, 2011. DEC has approved the shutdown and decommissioning of the system. An enhanced reductive dechlorination (ERD) program was implemented at the site in November 2011. Continued groundwater monitoring and periodic injections are required until cleanup goals are achieved or DEC approves program modifications; Maintain asphalt and concrete surfaces in the area of contamination.

106.62-01-21

Vapor Mitigation
Cover System

A multi-phase vacuum extraction system (MPVE) was operated at the site until February 22, 2011. DEC has approved the shutdown and decommissioning of the system. An enhanced reductive dechlorination (ERD) program was implemented at the site in November 2011. Continued groundwater

Parcel	Engineering Control
monitoring and periodic injections are required until cleanup goals are achieved or DEC approves program modifications; Maintain asphalt and concrete surfaces in the area of contamination.	

Periodic Review Report (PRR) Certification Statements

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

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

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted

YES	NO
X	☐

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

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

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

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

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

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

YES	NO
X	☐

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

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

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C828117

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Andrew Germanow at 406 St. Paul St. Rochester NY 14605
print name print business address

am certifying as OWNER (Owner or Remedial Party)

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

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

11/15/2014
Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I PETER NIELSEN at STANTEC 61 COMMERCIAL ST, ROCHESTER NY 14614
print name print business address

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

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

Stamp (Required for PE)

Date 12/14/16

Enclosure 2

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

Site Details **Box 1**

Site No. **C828136**

Site Name 8-28 Ward Street

Site Address: 8-28 Ward Street Zip Code: 14603-1061
City/Town: Rochester
County: Monroe
Site Acreage: 1.2

Reporting Period: November 15, 2015 to November 15, 2016

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	X	☐
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C828136

Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
106.63-1-16	Germanow-Simon Corporation	Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan Monitoring Plan

Groundwater use is prohibited;

A Site Management Plan (SMP) must be implemented;

Soils shall be managed in accordance with the SMP;

The potential for vapor intrusion for any new buildings must be evaluated and mitigated as necessary;

Periodic review is required to certifiy all controls are in place.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
106.63-1-16	Groundwater Treatment System Cover System

A multi-phase vacuum extraction system ("MPVE") was operated at the site until February 22, 2011. DEC has approved the shutdown and decommissioning of the system. An enhanced reductive dechlorination (ERD) program was implemented at the site in November 2011. Continued groundwater monitoring and periodic injections are required until cleanup goals are achieved or DEC approves program modifications;

Existing surface and near surface soils, asphalt-paved surfaces, concrete-paved surfaces, and any existing buildings act as a cover system and must be maintained;

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
[X]	☐

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

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

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

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

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

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

YES	NO
[X]	☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C828136

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Andrew Germanow at 408 St. Paul St. Rochester, NY 14605
print name print business address

am certifying as Owner (Owner or Remedial Party)

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

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

12/12/2016
Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I PETER NIELSEN at STANTEC 61 COMMERCIAL ST. ROCHESTER NY 14614
print name print business address

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

STATE OF NEW YORK PETER NIELSEN No. 061499-1 LICENSED PROFESSIONAL ENGINEER

12/14/16

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

Stamp (Required for PE)

Date

Appendix B

NYSDEC Correspondence

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road, Avon, NY 14414-9516
P: (585) 226-5353 | F: (585) 226-8139
www.dec.ny.gov

February 4, 2016

Mr. Andrew Germanow
Germanow-Simon Corporation
408 St. Paul Street, P.O. Box 1091
Rochester, New York 14603-1091

RE: Ward Street and 8-28 Ward Street Sites (C828117 and C828136)
Periodic Review and IC/EC Certification Report
Monroe(C), Rochester(C)

Dear Mr. Germanow:

The Department has reviewed your Periodic Review Report (PRR) and IC/EC Certification for the November 15, 2014 through November 15, 2015 period.

The Department hereby accepts the PRR and associated Certification. The frequencies of Periodic Reviews for these sites are annually, and your next PRR is due on *December 15, 2016*. As a courtesy, you will receive a reminder letter and updated certification form 45-days prior to the due date. If you do not receive a letter, the PRR and certification must be submitted to this office by the due date.

If you have any questions, or need additional forms, please contact me at 226-5350. Thank you for your continued cooperation.

Sincerely,

Todd M. Caffoe, P.E.
Division of Environmental Remediation
Email: todd.caffoe@dec.ny.gov

ec: B. Schilling
M. Storonsky

Haravitch, Ben

From: Storonsky, Mike
Sent: Thursday, April 14, 2016 1:53 PM
To: Caffoe, Todd (DEC)
Cc: Haravitch, Ben; Nielsen, Peter
Subject: Ward Street Site, BCA Site No.: C828117 and 8-28 Ward Street Site, BCA Site No.: C828136 - Groundwater Sampling Results
Attachments: report.c828117.c828136..2016-04-14.gw.pdf; report..c828136.2016-04-14.RI_excerpts.pdf

Todd,

As discussed, please find enclosed summary tables and figures for the March 2016 groundwater sampling event at the Ward Street and 8-28 Ward Street sites.

The groundwater parameters measured in the field during sampling activities show that anaerobic and reducing geochemical conditions have been maintained or improved slightly since 2015 at all of the wells sampled (Table 1). This suggests that the enhanced reductive dechlorination (ERD) injection performed in November, 2012 continues to promote an environment suitable for the breakdown of chlorinated volatile organic compounds (VOCs).

The VOC data show that ERD continues under, and downgradient from, the Ward Street Building B Annex shipping/receiving area. Low and decreasing concentrations of 'parent' VOC compounds, tetrachloroethylene (PCE) and trichloroethylene (TCE), were observed in MW-105; and only 'daughter' products, cis/trans-1,2-Dichloroethene (DCE) and vinyl chloride (VC), were observed down gradient at MW-16 and MW-16R. VOC concentrations at downgradient MW-207R remain generally similar to those observed during the previous round of groundwater sampling in June 2015 with only daughter compounds being present.

At the 8-28 Ward Street Site, conditions look good within the bedrock zone as VOC concentrations are at or below laboratory detection limits for all compounds at MW-23R. The results from MW-23, however, show increases in PCE and TCE concentrations to levels last observed prior to the initial injection activities.

Also enclosed, as a separate attachment, are several figures excerpted from the 8-28 Ward Street RI which depict the PSG results, the various investigation locations that were performed on that Site, and the sewer record map for Ward Street.

When you have had a chance to review the attached, please let me know when you would be available to discuss these results.

Sincerely,
Mike

Michael P. Storonsky
Managing Principal, Environmental Services
Stantec
Phone: (585) 413-5266
Cell: (585) 298-2386
mike.storonsky@stantec.com

From: Caffoe, Todd (DEC) [mailto:todd.caffoe@dec.ny.gov]
Sent: Tuesday, March 08, 2016 7:55 AM
To: Storonsky, Mike
Cc: Haravitch, Ben
Subject: RE: Ward Street Site, BCA Site No.: C828117 and 8-28 Ward Street Site, BCA Site No.: C828136 - Groundwater Sampling

Thanks for the heads up.
-Todd

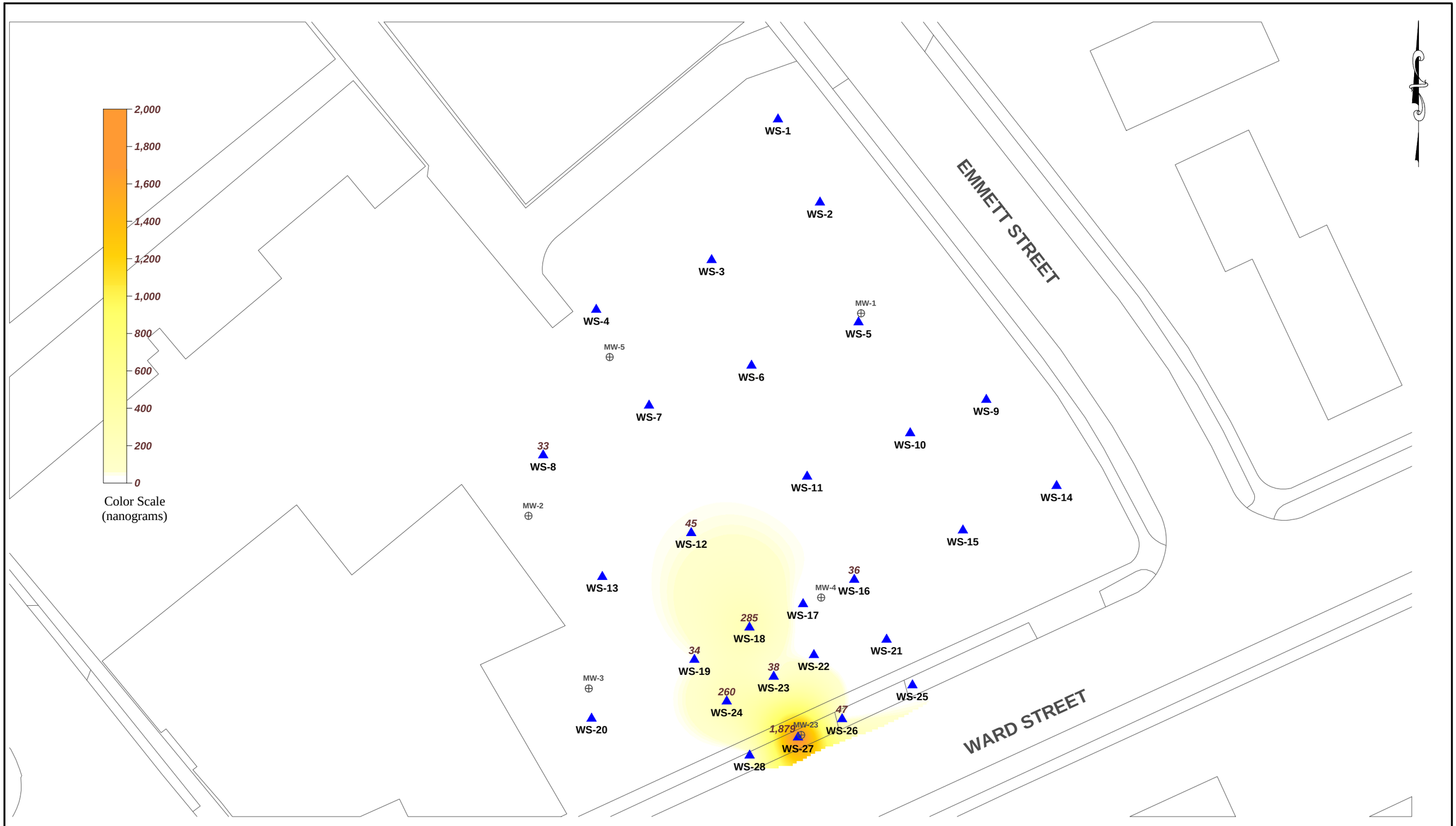
From: Storonsky, Mike [mailto:mike.storonsky@stantec.com]
Sent: Monday, March 07, 2016 9:43 AM
To: Caffoe, Todd (DEC)
Cc: Haravitch, Ben
Subject: Ward Street Site, BCA Site No.: C828117 and 8-28 Ward Street Site, BCA Site No.: C828136 - Groundwater Sampling

Todd,

As per the Department approved PRR for the above sites, we are planning to conduct the specified annual groundwater sampling event on Wednesday and Thursday of this week. Ben Haravitch will be conducting the sampling program. If you need to reach him his cell is 978-5248. Should you have any questions please contact us.

Sincerely,
Mike

Michael P. Storonsky
Managing Principal, Environmental Services
Phone: (585) 413-5266
Cell: (585) 298-2386
mike.storonsky@stantec.com
Stantec



BEACON ENVIRONMENTAL SERVICES, INC.

323 Williams Street, Suite D, Bel Air, MD, 800-878-5510

Beacon Project No. 2001, June 2007

Scale in Feet

0 40 80

250 TETRACHLOROETHENE (nanograms)

WS-7 PASSIVE SOIL-GAS SAMPLE LOCATION

Figure 2
Passive Soil-Gas Survey
Tetrachloroethene

8-28 Ward Street
Rochester, NY

0 40 80 120

SCALE IN FEET

BUILDING A

BUILDING B

BUILDING C

ROW LINE

COMMON 5' R.O.W. PER L.1450 D.P.59

CORK STREET (18' WIDE)

EMMETT STREET (62' WIDE)

ST. PAUL STREET (66' WIDE)

WARD STREET (80' WIDE)

NEW TRANSIT R.O.W. MON.

SITE BOUNDARY

R.O.W. LINE

GATE

6' CHAIN LINK FENCE W/ BARBED WIRE

8' CHAIN LINK FENCE W/ BARBED WIRE

FORMER HIGH FALLS BREWING COMPANY PARKING LOT (8-28 WARD STREET)

PARKING LOT

ANNEX

GP-20 GP-21

GO1 MW1

GO2 MW2

GO3 MW3

GO4 MW4

GO-5 GO-6 GO-7

TP-1 TP-2 TP-3 TP-4 TP-5 TP-101

WS-1 WS-2 WS-3 WS-4 WS-5 WS-6 WS-7 WS-8 WS-10 WS-11 WS-12 WS-13 WS-14 WS-15 WS-16 WS-17 WS-18 WS-19 WS-20 WS-21 WS-22 WS-23 WS-24 WS-25 WS-26 WS-27 WS-28

MW-45 MW-46 MW-46R MW-47 MW-23 MW-23R

B-35 B-36 B-37 B-38 B-39 B-40

LEGEND

- MW-47 — RI TEST BORING (B) OR MONITORING WELL (MW)
- WS-15 — RI SOIL GAS SURVEY LOCATION
- GO-6 — PREVIOUS TEST BORING LOCATION
- GO-5/MW 1 — PREVIOUS TEST BORING / MONITORING WELL LOCATION
- TP-1 — PREVIOUS TEST PIT LOCATION
- TP-101 — RI TEST PIT

U:\405205\civil\High Falls Brewing Co Parking Lot\New figures\FIG4.DGN

	DATE	BY
6		
5		
4		
3		
2		
1		
0	REVISIONS	

PROJECT ENGINEER/ARCHITECT
D. BELASKAS, P.E.
PROJECT MANAGER
M. STOROMSKY

DRAWN BY
A. LESS
SCALE
AS SHOWN
FIRST ISSUE DATE
7/2007

STANTEC CONSULTING SERVICES INC.
2250 Brighton Henrietta Town Line Road
Rochester, N.Y. 14623-2706
Tel:(585) 475-1440
Fax:(585) 272-1814
www.stantec.com
Stantec

PROJECT
REMEDIAL INVESTIGATION
8-28 WARD STREET
ROCHESTER, NEW YORK

TITLE OF DRAWING
SAMPLE LOCATION MAP - REMEDIAL INVESTIGATIONS

PROJECT NO.
190500014

DRAWING NO.
FIG. 4

BENCH MARK · UPPER FALLS-19
Elevation 507.271
"T" of Word PA"T". Top Flange of Hydrant at Northeast Corner of Clinton Avenue North and Ward Street.
UTILITY DRAWING FOR STREET PLAN AND PROFILE SEE DRAWING 1336.06-30
NEW 24" ST. PAUL ST. WATERLINE TO BE LOWERED NEAR INTERSECTION TO ALLOW THE NEW 8" WARD ST. "HOLLY" WATERLINE TO PASS OVER THE NEW 24" WATERLINE AND CONNECT TO THE EXISTING ST. PAUL ST. 10" "HOLLY" WATERLINE.
NOTE: NEW 24" "DOMESTIC" WATERLINE TO BE INSTALLED DEEP ENOUGH SO THAT THE BOTTOM OF THE 8" "HOLLY" WATERLINE MATCHES THE TOP OF THE NEW 24" WATERLINE.
NOTE: THE NEW EMMETT ST. "HOLLY" WATERLINE SHOULD BE SET AT LEAST 0.67' BELOW THE BOTTOM OF THE FUTURE EMMETT ST. "DOMESTIC" WATERLINE TO FACILITATE CONNECTION OF FUTURE WATER SERVICES AND FIRE SERVICES.
See Drawing No. 1336.06-29
MATCH LINE STA. 3+50
EMMETT STREET
WARD STREET
PLAN
SCALE: 1" = 20'
ST. PAUL STREET
1336.06-17
8" RESTRAINED JOINT PIPE LENGTH
11-1/4° BEND 4' | 22-1/2° BEND 7' | 45° BEND 13' | TEE OR DEAD END 17' | 67-1/2° BEND 19' | 90° BEND 24'
SANITARY AND STORM END OF LATERAL LOCATIONS FOR THE NORTH-WEST CORNER OF WARD STREET AND EMMETT STREET
PROFILE-A
PROFILE SCALE: VERT: 1" = 2' HORZ: 1" = 20'
RECORD MAP
3+50 4+00 4+50 5+00 5+50 6+00 6+50 7+00 7+50 8+00 8+50 8+80
SEAR·BROWN
SCHOENBERGER · COSTICH · MALETTA
civil engineers and land planners
TITLE OF PROJECT UPPER FALLS URBAN RENEWAL
TITLE OF DRAWING WARD STREET UTILITIES PLAN & PROFILE
LOCATION OF PROJECT CITY OF ROCHESTER, MONROE COUNTY, N.Y.
CLIENT CITY OF ROCHESTER
PROJECT ENGINEER C.J.V.
DRAWN BY D.L.H. & W.M.S.
DATE DEC. 9, 1971
SCALE AS SHOWN
1-25-72
SHEET 4 OF 16
REVISIONS
Asbuilt Record Map
DRAWING NO
RECORD MAP
1336.06-31
-1168-032-01245-095-12-0-

Table 1
Summary of Field Parameters in Groundwater – September 2011 to March 2016
WARD STREET SITE
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Area of interest		On-Site Area 1: Building B Annex																					
Sample Location		MW105												MW207R									
Sample Date		28-Sep-11	4-Jan-12	2-Feb-12	29-Feb-12	4-Jun-12	4-Sep-12	22-Jan-13	11-Apr-13	2-Jul-13	8-Oct-13	18-Jun-15*	10-Mar-16	27-Sep-11	6-Feb-12	2-Mar-12	6-Jun-12	6-Sep-12	24-Jan-13	12-Apr-13	5-Jul-13	10-Oct-13	18-Jun-15	10-Mar-16
Sample ID		WSR-MW-105-GW-12	WSR-MW-105-GW-13	WSR-MW-105-GW-14	WSR-MW-105-GW-15	WSR-MW-105-GW-16	WSR-MW-105-GW-17	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-207R-GW-12	WSR-MW-207R-GW-13	WSR-MW-207R-GW-14	WSR-MW-207R-GW-15	WSR-MW-207R-GW-16	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW
Sampling Company	Units	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters																								
Color (Visual)	none	clear	clear	clear	clear	clear	cloudy	clear	Black precipitate	clear with some brown precipitate	clear	cloudy	clear	clear	clear w/ black flecks	clear w/ black flecks	clear	clear w/ black flecks	murky w/ black flecks	Black precipitate	clear with black precipitate	clear with black particulates	slightly yellow	clear
Conductivity, Field	mS/cm	2.50	2.72	0.267	2.36	0.318	2.60	4.66	2.71	2.55	2.76	2.24	2.31	0.50	0.541	4.32	0.490	4.59	49.93	3.85	4.00	3.57	3.84	3.48
Dissolved Oxygen, Field	mg/L	0.00	0.53	0.00	0.25	0.97	0.53	0.17	0.79	0.32	0.21	0.42	0.35	0.7	0.00	0.00	0.62	0.41	0.36	0.74	0.15	0.14	0.67	0.4
Odor	none	none	no odor	no odor	no odor	sulfur odor	no odor	sulfur odor	Strong sulfur odor	none	none	none	slight sulfur	sulfur odor	odor	sulfur odor	strong sulfur odor	sulfur	sulfur odor	odor	strong sulfur odor	strong sulfur odor	sulfur odor	sulfur odor
Oxidation Reduction Potential	mV	111	227	297	235	-132	195.3	-199.2	-219.6	-152.6	-70.2	-28.0	-90.2	-134	-345	-374	-358	-301.6	-351.9	-346.1	-349.2	-288.8	-248.2	-67.0
pH, Field	S.U.	6.87	7.25	7.28	7.33	7.09	7.16	6.90	7.37	8.47	7.26	7.18	7.22	6.93	6.73	7.22	6.68	6.87	6.77	8.04	6.78	6.93	6.79	7.00
Temperature, Field	deg C	20.46	20.49	19.22	20.43	19.4	21.3	18.9	18.7	19.6	19.4	19.2	19.6	17.9	14.27	13.28	15.9	20.1	14.0	11.7	18.7	18.6	15.0	14.2
Turbidity, Field	NTU	58.5	31.3	3.44	9.75	4.41	17.6	4.99	4.36	5.56	3.56	47.8	13.0	4.21	-0.29	5.79	0.70	3.92	1.72	2.31	3.53	3.66	1.52	2.29
Volume Purged	gal	0.6	3 ~	3.5 ~	2.0	1.0	1.1	2.7	1.3	1.35	1.0	0.3	1.3	1.5	1.1	0.5	1.3	1.2	3.6	1.6	2.0	1.5	1.5	1.6

*parameters at the end of low-flow purge; ORP was -96 at end of volumetric purge by bailer

See Notes on Last Page

Table 1
Summary of Field Parameters in Groundwater – September 2011 to March 2016
WARD STREET SITE
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Area of interest		Off-Site Area 1: MW-16/ Ward Street																						
Sample Location		MW16											MW16R											
Sample Date		27-Sep-11	3-Feb-12	2-Mar-12	5-Jun-12	5-Sep-12	23-Jan-13	11-Apr-13	3-Jul-13	9-Oct-13	17-Jun-15*	9-Mar-16	28-Sep-11	5-Jan-12	3-Feb-12	1-Mar-12	5-Jun-12	5-Sep-12	23-Jan-13	11-Apr-13	3-Jul-13	9-Oct-13	17-June-15*	9-Mar-16
Sample ID		WSR-MW-16-GW-18	WSR-MW-16-GW-19	WSR-MW-16-GW-20	WSR-MW-16-GW-21	WSR-MW-16-GW-22	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16R-GW-18	WSR-MW-16R-GW-19	WSR-MW-16R-GW-20	WSR-MW-16R-GW-21	WSR-MW-16R-GW-22	WSR-MW-16R-GW-23	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW
Sampling Company	Units	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters																								
Color (Visual)	none	sl.red	clear	slightly cloudy	clear	clear	clear	clear with black precipitate	clear with black precipitate	clear with black specks	clear with black sulfide deposits	clear with black sulfide deposits	clear	clear	clear	clear w/ black flecks	clear	clear	murky	Slightly clouded	clear with black precipitate	clear with black precipitate	clear with black particulate	clear with black particulate
Conductivity, Field	mS/cm	6.72	0.762	2.33	0.843	10.52	7.63	10.63	9.73	10.13	11.94	12.76	4.31	3.75	0.782	4.90	0.629	5.19	5.32	4.06	4.40	2.67	8.04	3.72
Dissolved Oxygen, Field	mg/L	0	0.0	0.00	1.09	0.40	0.51	0.8	0.19	0.10	0.35	0.13	1.12	2.63	0.00	0.00	1.00	0.16	0.90	0.76	0.25	0.14	0.16	0.11
Odor	none	0	no odor	no odor	no odor	sulfur	sewage odor	Sulfur odor	slight sulfur odor	sulfur odor	none	sulfur odor	none	no odor	no odor	stale odor	no odor	sulfur	sulfur	Sulfur odor	slight sulfur odor	sulfur odor	none	none
Oxidation Reduction Potential	mV	-107	-259	-181	-291	-319.5	-208.0	-361.2	-207.6	-188.0	-150.0	-120.2	-62	104	-247	-196	-247	-328.6	-346.8	-313.9	-354.5	-264.3	-205.9	-144.3
pH, Field	S.U.	6.82	7.13	7.52	7.20	7.26	7.06	7.10	7.13	7.33	7.08	7.06	6.56	7.53	6.84	7.04	6.53	6.96	6.76	7.04	6.90	6.58	7.00	6.95
Temperature, Field	deg C	19.29	11.68	11.23	19.6	21.7	8.7	8.3	18.1	19.3	16.5	14.9	17.78	7.26	12.28	10.95	18.3	20.9	11.1	8.3	19.0	19.7	16.0	17.2
Turbidity, Field	NTU	30	11.1	17.6	37.0	7.11	1.01	4.55	8.59	11.4	8.98	11.55	37	44.3	12.7	29	15.0	11.48	3.97	13.9	12.50	6.42	9.79	3.76
Volume Purged	gal	0.9	3.0	1.9	0.5	1.1	2.8	3.3	1.3	0.8	1.0	1.1	1.0	0.6	2.7	2.1	0.8	1.9	1.2	2.8	2.0	1.1	0.3	1.4

See Notes on Last Page

*parameters at the end of low-flow purge

*parameters at the end of low-flow purge

Table 1
Summary of Field Parameters in Groundwater – September 2011 to March 2016
WARD STREET SITE
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Area of interest		8-28 Ward St											
Sample Location		MW23											
Sample Date		28-Sep-11	5-Jan-12	6-Feb-12	2-Mar-12	5-Jun-12	6-Sep-12	24-Jan-13	10-Apr-13	5-Jul-13	10-Oct-13	17-Jun-15*	9-Mar-16
Sample ID		WSR-MW-23-GW-7	828-MW-23-GW-8	828-MW-23-GW-9	828-MW-23-GW-10	828-MW-23-GW-11	828-MW-23-GW-12	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW
Sampling Company	Units	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters													
Color (Visual)	none	clear	clear	clear w/ black flecks	clear w/ black flecks	clear, no black flecks	clear/black pieces	clear w/ black flecks	Black precipitate	clear with black precipitate	clear with black precipitate	slightly yellow, brown particulate	
Conductivity, Field	mS/cm	7.37	7.12	0.596	6.06	0.828	6.62	4.66	4.38	3.48	5.96	4.34	5.21
Dissolved Oxygen, Field	mg/L	0.0	2.61	0.00	0.00	0.42	0.16	0.35	0.22	0.11	0.13	0.47	0.32
Odor	none	none	no odor	no odor	no odor	no odor	no odor	sewage odor	No odor	slight sulfur odor	sulfur odor	none	none
Oxidation Reduction Potential	mV	31	-135	-187	-238	-211	-147.1	-232.0	-149.2	-271.7	-149.3	-101.3	-22.2
pH, Field	S.U.	6.66	6.73	7.09	7.57	6.71	7.04	7.09	7.13	6.44	6.93	7.13	7.09
Temperature, Field	deg C	14.63	11.85	6.47	12.18	13.8	21.0	11.0	9.8	18.1	15.3	15.8	12.7
Turbidity, Field	NTU	45	12.2	9.78	24	1.35	9.14	3.72	9.72	9.23	3.66	25.3	8.52
Volume Purged	gal	2.1	1.6	0.5	0.6	2.5	1.6	0.9	1.0	1.1	1.2	0.8	1.7

See Notes on Last Page

*parameters at the end of low-flow purge

Table 1
Summary of Field Parameters in Groundwater – September 2011 to March 2016
WARD STREET SITE
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Area of interest		8-28 Ward St											
Sample Location		MW23R											
Sample Date		28-Sep-11	5-Jan-12	6-Feb-12	2-Mar-12	5-Jun-12	6-Sep-12	24-Jan-13	10-Apr-13	5-Jul-13	10-Oct-13	17-Jun-15	9-Mar-16
Sample ID		WSR-MW-23R-GW-7	828-MW-23R-GW-8	828-MW-23R-GW-9	828-MW-23R-GW-10	828-MW-23R-GW-11	828-MW-23R-GW-12	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW
Sampling Company	Units	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters													
Color (Visual)	none	clear	clear w/ black flecks	clear w/ black flecks	clear w/ black flecks	clear w/ black flecks	black	murky	0	clear with black precipitate	clear with black precipitate	clear, black sulfide deposits	clear, black sulfide deposits
Conductivity, Field	mS/cm	3.44	4.24	0.671	7.03	0.635	4.74	6.34	6.52	6.45	5.28	5.18	4.78
Dissolved Oxygen, Field	mg/L	0.00	0.00	0.00	0.00	0.57	0.24	0.33	0.11	0.11	0.41	0.14	0.09
Odor	none	none	no odor	odor	sulfur odor	no odor	sulfur	slight sulfur odor	0	strong sulfur odor	strong sulfur odor	sulfur odor	sulfur odor
Oxidation Reduction Potential	mV	-23	-168	-262	-317	-211	-375.3	-438.3	-358.9	-408.0	-347.1	-307.0	-138.5
pH, Field	S.U.	6.63	7.38	6.71	6.86	6.59	7.02	6.65	6.67	6.79	6.97	7.16	7.25
Temperature, Field	deg C	22.26	12.61	11.12	12.97	16.1	19.7	11.5	10.8	17.5	15.5	14.3	14.2
Turbidity, Field	NTU	3.3	6.24	1.04	11.3	3.27	0.92	1.60	1.25	0.82	3.84	2.87	3.58
Volume Purged	gal	0.7	1.3	1.7	2.2	1.1	1.4	1.5	2.3	2.3	0.9	1.8	1.5

See Notes on Last Page

Table 2
Summary of Volatile Organic Compounds in Groundwater – September 2011 to March 2016
WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW16												MW16R												
Sample Date			27-Sep-11	3-Feb-12	2-Mar-12	5-Jun-12	5-Sep-12	23-Jan-13	11-Apr-13	3-Jul-13	9-Oct-13	9-Oct-13	17-Jun-15	9-Mar-16	28-Sep-11	5-Jan-12	3-Feb-12	1-Mar-12	1-Mar-12	5-Jun-12	5-Sep-12	23-Jan-13	11-Apr-13	3-Jul-13	9-Oct-13	9-Oct-13	18-Jun-15	9-Mar-16
Sample ID			WSR-MW-16-GW-18	WSR-MW-16-GW-19	WSR-MW-16-GW-20	WSR-MW-16-GW-21	WSR-MW-16-GW-22	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	828-MW-16-GW	WSR-MW-16-GW	WSR-MW-16R-GW-18	WSR-MW-16R-GW-19	WSR-MW-16R-GW-20	WSR-MW-16R-GW-21	WSR-MW-DUP-GW-21	WSR-MW-16R-GW-22	WSR-MW-16R-GW-23	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			P11-4090	12:0472	12:0936	12:2364	12:3668	13:0353	131259	132490	133891	133926	152493	160970	P11-4106	P12-0069	12:0472	12:0906	12:0906	12:2364	12:3668	13:0353	131259	132490	133891	133926	152493	160970
Laboratory Sample ID			14083	12:0472-06	12:0936-02	12:2364-06	12:3668-05	130353-05	131259-05	132490-06	133891-05	133926-05	152493-03	160970-03	14149	12:0069-02	12:0472-07	12:0906-05	12:0906-06	12:2364-05	12:3668-04	130353-04	131259-04	132490-05	133891-04	133926-04	152493-05	160970-04
Sample Type	Units	TOGS																	Field Duplicate									
Volatile Organic Compounds																												
Acetone	µg/L	50[A]	***500 U***	***500 U***	***500 U***	***500 U***	***500 U***	10 U	10.0 U	10.0 U	-	13.6 J	10.0 U	10.0 U	50.0 U	25.0 U	***500 U***	***100 U***	***100 U***	***500 U***	***500 U***	***250 U***	***100 U***	***100 U***	-	***100 U***	***100 U***	***250 U***
Benzene	µg/L	1[B]	***35.0 U***	***35.0 U***	***35.0 U***	***35.0 U***	***35.0 U***	0.70 U	0.700 U	0.700 U	-	1 U	1.00 U	1.00 U	***3.50 U***	***1.75 U***	***35.0 U***	***7.00 U***	***7.00 U***	***35.0 U***	***35.0 U***	***18 U***	***7.00 U***	***7.00 U***	-	***10 U***	***10.0 U***	***25.0 U***
Bromobenzene	µg/L	5[B]	-	-	-	-	-	5.0 U	5.00 U	-	-	-	-	-	-	-	-	-	-	-	-	***130 U***	***50.0 U***	-	-	-	-	-
Bromodichloromethane	µg/L	50[A]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	5.00 U	***100 U***	20.0 U	20.0 U	***100 U***	***100 U***	50 U	20.0 U	20.0 U	-	20.0 U	20.0 U	50.0 U
Bromoform (Tribromomethane)	µg/L	50[A]	***250 U***	***250 U***	***250 U***	***250 U***	***250 U***	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	12.5 U	***250 U***	50.0 U	50.0 U	***250 U***	***250 U***	***130 U***	50.0 U	50.0 U	-	50.0 U	50.0 U	***125 U***
Bromomethane (Methyl bromide)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Butylbenzene, n-	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	***250 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	25.0 U	12.5 U	***100 U***	20.0 U	20.0 U	***100 U***	***100 U***	50 U	20.0 U	20.0 U	-	20.0 U	20.0 U	50.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Chlorobromomethane	µg/L	5[B]	***250 U***	***250 U***	***250 U***	***250 U***	-	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	-	***130 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***125 U***
Chloroethane (Ethyl Chloride)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	500 U	10 U	10.0 U	-	-	-	-	-	-	-	-	-	-	-	500 U	250 U	100 U	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Chloromethane	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Cyclohexane	µg/L	n/v	500 U	500 U	500 U	500 U	-	10 U	10.0 U	10.0 U	-	10.0 U	10.0 U	10.0 U	50.0 U	25.0 U	500 U	100 U	100 U	500 U	-	250 U	100 U	100 U	-	100 U	100 U	250 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	***500 U***	***500 U***	***500 U***	***500 U***	-	***10 U***	***10.0 U***	***10.0 U***	-	***10.0 U***	***10.0 U***	***10.0 U***	***50.0 U***	***25.0 U***	***500 U***	***100 U***	***100 U***	***500 U***	-	***250 U***	***100 U***	***100 U***	-	***100 U***	***100 U***	***250 U***
Dibromochloromethane	µg/L	50[A]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	5.00 U	***100 U***	20.0 U	20.0 U	***100 U***	***100 U***	50 U	20.0 U	20.0 U	-	20.0 U	20.0 U	50.0 U
Dichlorobenzene, 1,2-	µg/L	3[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichlorobenzene, 1,3-	µg/L	3[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichlorobenzene, 1,4-	µg/L	3[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloroethane, 1,1-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloroethane, 1,2-	µg/L	0.6[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloroethene, 1,1-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloroethene, cis-1,2-	µg/L	5[B]	**1790[B]**	**8600[B]**	**2770[B]**	**2720[B]**	**772[B]**	**8.3[B]**	**23.6[B]**	**9.39[B]**	-	2.89	**165[B]**	**118[B]**	**1150[B]**	**110[B]**	**3810[B]**	**2260[B]**	**2360[B]**	**2630[B]**	**1410[B]**	**1000[B]**	**841[B]**	**664[B]**	-	**77.7[B]**	**1520[B]**	**1610[B]**
Dichloroethene, trans-1,2-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	**24.3[B]**	4.89	-	**13.3[B]**	**8.33[B]**	2.43	**10.6[B]**	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	**36.0[B]**	***50.0 U***
Dichloropropane, 1,2-	µg/L	1[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloropropane, 1,3-	µg/L	5[B]	-	-	-	-	-	2.0 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-	-	***50 U***	***20.0 U***	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5[B]	-	-	-	-	-	2.0 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-	-	***50 U***	***20.0 U***	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	-	-	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloropropene, trans-1,3-	µg/L	0.4[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dioxane, 1,4-	µg/L	n/v	-	-	-	-	-	20 U	20.0 U	20.0 U	-	R	20.0 U	20.0 U	-	-	-	-	-	-	-	500 U	200 U	200 U	-	R	200 U	500 U
Ethylbenzene	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	***100 U***	***100 U***	***100 U***	***100 U***	-	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	***250 U***	***250 U***	***250 U***	***250 U***	***250 U***	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	12.5 U	***250 U***	50.0 U	50.0 U	***250 U***	***250 U***	***130 U***	50.0 U	50.0 U	-	50.0 U	50.0 U	***125 U***
Isopropylbenzene	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Methyl Acetate	µg/L	n/v	100 U	100 U	100 U	100 U	-	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	5.00 U	100 U	20.0 U	20.0 U	100 U	-	50 U	20.0 U	20.0 U	-	20.0 U	20.0 U	50.0 U
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	***500 U***	***500 U***	***500 U***	***500 U***	***500 U***	33	10.0 U	10.0 U	-	9.98 J	10.0 U	10.0 U	50.0 U	25.0 U	***500 U***	***100 U***	***100 U***	***500 U***	***500 U***	***250 U***	***100 U***	***100 U***	-	***100 UJ***	***100 U***	***250 U***
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	250 U	250 U	250 U	250 U	250 U	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	12.5 U	250 U	50.0 U	50.0 U	250 U	250 U	130 U	50.0 U	50.0 U	-	50.0 U	50.0 U	125 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	***100 U***	***100 U***	***100 U***	***100 U***	-	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Methylcyclohexane	µg/L	n/v	100 U	100 U	100 U	100 U	-	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	5.00 U	100 U	20.0 U	20.0 U	100 U	-	50 U	20.0 U	20.0 U	-	20.0 U	20.0 U	50.0 U
Methylene Chloride (Dichloromethane)	µg/L	5[B]	***250 U***	***250 U***	***250 U***	***250 U***	***250 U***	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	***250 U***	***130 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***125 U***
Naphthalene	µg/L	10[B]	***250 U***	***250 U***	***250 U***	***250 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Styrene	µg/L	5[B]	***250 U***	***250 U***	***250 U***	***250 U***	***250 U***	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	***250 U***	***130 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***125 U***
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Tetrachloroethene (PCE)	µg/L	5[B]	**2390[B]**	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	**832[B]**	**299[B]**	***100 U***	**65.4[B]**	**64.4[B]**	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	**694[B]**	***50.0 U***
Toluene	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Trichlorobenzene, 1,2,3-	µg/L	5[B]	***250 U***	***250 U***	***250 U***	***250 U***	-	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	-	***130 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***125 U***
Trichlorobenzene, 1,2,4-	µg/L	5[B]	***250 U***	***250 U***	***250 U***	***250 U***	-	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	-	***130 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***125 U***
Trichloroethane, 1,1,1-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Trichloroethane, 1,1,2-	µg/L	1[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Trichloroethene (TCE)	µg/L	5[B]	**1140[B]**	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	**651[B]**	**57.1[B]**	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	**167[B]**	***20.0 U***	-	***20.0 U***	**350[B]**	***50.0 U***
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	-	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Trimethylbenzene, 1,2,4-	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	250 U	-	-	-	-	-	-	-	-	-	-	-	-	-	250 U	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2[B]	***100 U***	***100 U***	**183[B]**	**945[B]**	**879[B]**	**13[B]**	**81.8[B]**	**6.65[B]**	-	**3.52[B]**	**140[B]**	**135[B]**	**23.3[B]**	***5.00 U***	**717[B]**	**997[B]**	**1030[B]**	**1060[B]**	**790[B]**	**1100[B]**	**558[B]**	**1040[B]**	-	**33.1[B]**	**537[B]**	**961[B]**
Xylene, m & p-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Xylene, o-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Total VOC	µg/L	n/v	5320	8600	2953	3665	1651	54.3	129.7	20.93	-	43.29	313.33	255.43	2666.9	466.1	4527	3322.4	3454.4	3690	2200	2100	1566	1704	-	110.8	3137	2571
Miscellaneous Parameters																												
Arsenic	mg/L	0.025[B]	0.010 U	**0.048[B]**	0.013	0.024	-	-	**0.0432[B]**	-	-	-	-	-	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	-	-	0.0100 U	-	-	-	-	-
Iron	mg/L	0.3[B]	**3.42[B]**	**20.8[B]**	**2.35[B]**	**19.3[B]**	-	-	**16.9 L[B]**	-	-	-	-	-	**1.81[B]**	0.100 U	**0.381[B]**	**1.00[B]**	**1.05[B]**	**2.68[B]**	-	-	0.144 L	-	-	-	-	-
Manganese	mg/L	0.3[B]	0.294	0.117	0.155	0.109	-	-	0.218 L	-	-	-	-	-	0.068	0.015 U	0.072	0.287	0.242	0.109	-	-	0.146 L	-	-	-	-	-
Sodium	mg/L	20[B]	**1270[B]**	**1250[B]**	**407[B]**	**1280[B]**	**2290[B]**	**2000[B]**	**1160[B]**	-	-	-	-	-	**461[B]**	**675[B]**	**1070[B]**	**590[B]**	**598[B]**	**659[B]**	**758[B]**	**820[B]**	**340[B]**	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	5.2	122	8.5	8.9	20.5	750	144	92.0	41.0	-	15	10.8	4.3	4.4	5.7	3.9	5.7	4.2	16.2	230	49.6	42.0	11.0	-	3.9	10.3

See notes on last page.

Table 2
Summary of Volatile Organic Compounds in Groundwater – September 2011 to March 2016
WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW23														MW23R					
Sample Date			28-Sep-11	5-Jan-12	6-Feb-12	2-Mar-12	5-Jun-12	5-Jun-12	6-Sep-12	24-Jan-13	10-Apr-13	5-Jul-13	10-Oct-13	10-Oct-13	10-Oct-13	17-Jun-15	9-Mar-16	28-Sep-11	5-Jan-12	6-Feb-12	2-Mar-12	5-Jun-12	6-Sep-12
Sample ID			WSR-MW-23-GW-7	828-MW-23-GW-8	828-MW-23-GW-9	828-MW-23-GW-10	828-MW-23-GW-11	828-MW-DUP-GW-11	828-MW-23-GW-12	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-DUP-GW	828-MW-23-GW	828-MW-23-GW	WSR-MW-23R-GW-7	828-MW-23R-GW-8	828-MW-23R-GW-9	828-MW-23R-GW-10	828-MW-23R-GW-11	828-MW-23R-GW-12
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			P11-4106	P12-0069	12:0488	12:0936	12:2364	12:2364	12:3694	13:0365	131242	132505	133909	133925	133925	152493	160970	P11-4106	P12-0069	12:0488	12:0936	12:2364	12:3694
Laboratory Sample ID			14150	12:0069-06	12:0488-02	12:0936-05	12:2364-02	12:2364-03	12:3694-05	130365-05	131242-02	132505-03	133909-01	133925-02	133925-03	152493-02	160970-01	14151	12:0069-05	12:0488-03	12:0936-06	12:2364-04	12:3694-06
Sample Type	Units	TOGS						Field Duplicate							Field Duplicate								
Volatile Organic Compounds																							
Acetone	µg/L	50[A]	***100 U***	***500 U***	***500 U***	***500 U***	***1000 U***	***1000 U***	***1000 U***	***1000 U***	***100 U***	***100 U***	-	***100 U***	***100 U***	***100 U***	***250 U***	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	30.6
Benzene	µg/L	1[B]	***7.00 U***	***35.0 U***	***35.0 U***	***35.0 U***	***70.0 U***	***70.0 U***	***70.0 U***	***70 U***	***7.00 U***	***7.00 U***	-	***10 U***	***10 U***	***10.0 U***	***25.0 U***	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U
Bromobenzene	µg/L	5[B]	-	-	-	-	-	-	-	***500 U***	***50.0 U***	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[A]	20.0 U	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	20.0 U	20.0 U	-	20.0 U	20.0 U	20.0 U	50.0 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]	50.0 U	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	***500 U***	***500 U***	50.0 U	50.0 U	-	50.0 U	50.0 U	50.0 U	***125 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Butylbenzene, n-	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Butylbenzene, tert-	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Carbon Disulfide	µg/L	60[A]	50.0 U	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	20.0 U	20.0 U	-	20.0 U	20.0 U	20.0 U	50.0 U	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	µg/L	5[B]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	-	***500 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***50.0 U***	***125 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-
Chloroethane (Ethyl Chloride)	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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	-	-	-	-	-	-	1000 U	1000 U	100 U	-	-	-	-	-	-	-	-	-	-	-	10.0 U
Chloroform (Trichloromethane)	µg/L	7[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Cyclohexane	µg/L	n/v	100 U	500 U	500 U	500 U	1000 U	1000 U	-	1000 U	100 U	100 U	-	100 U	100 U	100 U	250 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]	***100 U***	***500 U***	***500 U***	***500 U***	***1000 U***	***1000 U***	-	***1000 U***	***100 U***	***100 U***	-	***100 U***	***100 U***	***100 U***	***250 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	-
Dibromochloromethane	µg/L	50[A]	20.0 U	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	20.0 U	20.0 U	-	20.0 U	20.0 U	20.0 U	50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Dichloroethane, 1,1-	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	**4130[B]**	**10900[B]**	**5120[B]**	**5240[B]**	**3940[B]**	**8900[B]**	**242[B]**	**862[B]**	-	**86.8 J[B]**	**142 J[B]**	**1040[B]**	**1110[B]**	**63.8[B]**	**82.4[B]**	**17.4[B]**	**13.1[B]**	**32.6[B]**	**5.30[B]**
Dichloroethene, trans-1,2-	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	-	-	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Dichloropropane, 1,3-	µg/L	5[B]	-	-	-	-	-	-	-	***200 U***	***20.0 U***	-	-	-	-	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5[B]	-	-	-	-	-	-	-	***200 U***	***20.0 U***	-	-	-	-	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[P][B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	-	-	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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	-	-	-	-	-	-	-	2000 U	200 U	200 U	-	R	R	200 U	500 U	-	-	-	-	-	-
Ethylbenzene	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	50.0 U	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	***500 U***	***500 U***	50.0 U	50.0 U	-	50.0 U	50.0 U	50.0 U	***125 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Isopropylbenzene	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-
Methyl Acetate	µg/L	n/v	20.0 U	100 U	100 U	100 U	200 U	200 U	-	200 U	20.0 U	20.0 U	-	20.0 U	20.0 U	20.0 U	50.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	***100 U***	***500 U***	***500 U***	***500 U***	***1000 U***	***1000 U***	***1000 U***	***1000 U***	***100 U***	***100 U***	-	***100 UJ***	***100 UJ***	***100 U***	***250 U***	10.0 U	10.0 U	11.9	10.0 U	10.0 U	10.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	50.0 U	250 U	250 U	250 U	500 U	500 U	500 U	500 U	50.0 U	50.0 U	-	50.0 U	50.0 U	50.0 U	125 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-
Methylcyclohexane	µg/L	n/v	20.0 U	100 U	100 U	100 U	200 U	200 U	-	200 U	20.0 U	20.0 U	-	20.0 U	20.0 U	20.0 U	50.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-
Methylene Chloride (Dichloromethane)	µg/L	5[B]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	***500 U***	***500 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***50.0 U***	***125 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Naphthalene	µg/L	10[B]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-
Propylbenzene, n-	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Styrene	µg/L	5[B]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	***500 U***	***500 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***50.0 U***	***125 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	**2240[B]**	**4010[B]**	**2500[B]**	**107[B]**	**1150[B]**	**1130[B]**	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	**663[B]**	**4810[B]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Toluene	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	-	***500 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***50.0 U***	***125 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-
Trichlorobenzene, 1,2,4-	µg/L	5[B]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	-	***500 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***50.0 U***	***125 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-
Trichloroethane, 1,1,1-	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	**36.4[B]**	***100 U***	**407[B]**	***100 U***	**562[B]**	**549[B]**	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	**251[B]**	**1060[B]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-
Trimethylbenzene, 1,2,4-	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Trimethylbenzene, 1,3,5-	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	500 U	-	-	-	-	-	-	-	-	-	-	-	-	**5.95[B]**	5.00 U
Vinyl chloride	µg/L	2[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	**1090[B]**	**1130[B]**	**1110[B]**	**970[B]**	**154[B]**	**636[B]**	-	**241 J[B]**	**399 J[B]**	**73.3[B]**	***50.0 U***	**2.21[B]**	2.00 U	2.00 U	2.00 U	**3.46[B]**	2.00 U
Xylene, m & p-	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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	2276.4	4010	7037	11007	7922	8049	5050	9870	396	1498	-	327.8	541	2027.3	6980	66.01	82.4	29.3	13.1	38.55	39.36
Miscellaneous Parameters																							
Arsenic	mg/L	0.025[B]	0.010 U	0.010 U	0.018	0.014	0.021	0.021	-	-	0.0217	-	-	-	-	-	-	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	-
Iron	mg/L	0.3[B]	0.100 U	**111[B]**	**23.3[B]**	**12.5[B]**	**15.7[B]**	**15.5[B]**	-	-	**13.2 L[B]**	-	-	-	-	-	-	**0.819[B]**	**3.04[B]**	**7.52[B]**	**3.08[B]**	**4.21[B]**	-
Manganese	mg/L	0.3[B]	0.226	**4.07[B]**	0.161	**0.523[B]**	0.165	0.189	-	-	**0.445 L[B]**	-	-	-	-	-	-	0.040	0.129	0.053	0.081 M	0.034	-
Sodium	mg/L	20[B]	**1450[B]**	**1660[B]**	**1090[B]**	**1090[B]**	**1130[B]**	**1150[B]**	**1120[B]**	**1300[B]**	**1000[B]**	-	-	-	-	-	-	**417[B]**	**392[B]**	**751[B]**	**766[B]**	**458[B]**	**568[B]**
Total Organic Carbon	mg/L	n/v	3.7	1880	118	68.4	6.0	6.0	64.3	560	165	23.0	8.50	-	-	3.5	9.17 J	3.6	38.4	33.0	31.1	4.0	58.6

See notes on last page.

Table 2
Summary of Volatile Organic Compounds in Groundwater – September 2011 to March 2016
WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW23R							MW105												MW207R					
Sample Date			24-Jan-13	10-Apr-13	5-Jul-13	10-Oct-13	10-Oct-13	17-Jun-15	9-Mar-16	28-Sep-11	4-Jan-12	2-Feb-12	29-Feb-12	4-Jun-12	4-Sep-12	22-Jan-13	11-Apr-13	2-Jul-13	8-Oct-13	8-Oct-13	18-Jun-15	10-Mar-16	27-Sep-11	27-Sep-11	6-Feb-12	2-Mar-12	6-Jun-12	6-Sep-12
Sample ID			828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	WSR-MW-105-GW-12	WSR-MW-105-GW-13	WSR-MW-105-GW-14	WSR-MW-105-GW-15	WSR-MW-105-GW-16	WSR-MW-105-GW-17	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-207R-GW-12	WSR-MW-Dup-GW-13	WSR-MW-207R-GW-13	WSR-MW-207R-GW-14	WSR-MW-207R-GW-15	WSR-MW-207R-GW-16
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			13:0365	131242	132505	133909	133925	152493	160970	P11-4106	P12-0041	12:0443	12:0868	12:2335	12:3644	130329-05	131259	132471	133887	133927	152493	160970	P11-4089	P11-4089	12:0488	12:0936	12:2392	12:3694
Laboratory Sample ID			130365-04	131242-03	132505-02	133909-02	133925-04	152493-01	160970-02	14152	12:0041-02	12:0443-02	12:0868-02	12:2335-05	12:3644-02	130329-05	131259-02	132471-02	133887-01	133927-02	152493-07	160970-06	14074	14075	12:0488-04	12:0936-03	12:2392-03	12:3694-02
Sample Type	Units	TOGS																					Field Duplicate				
Volatile Organic Compounds																												
Acetone	µg/L	50[A]	10 U	10.0 U	11.1	-	18.3 J	10.0 U	10.0 U	50.0 U	50.0 U	35.4 B	20.0 U	10.0 U	20.0 U	50 U	32.8	10.0 U	-	10.0 U	10.0 U	10.0 U	50.0 U	50.0 U	***100 U***	***100 U***	50.0 U	50.0 U
Benzene	µg/L	1[B]	0.70 U	0.700 U	0.700 U	-	1 U	1.00 U	1.00 U	***3.50 U***	***3.50 U***	***1.75 U***	***1.40 U***	0.700 U	***1.40 U***	***3.5 U***	0.700 U	0.700 U	-	1 U	1.00 U	1.00 U	***3.50 U***	***3.50 U***	***7.00 U***	***7.00 U***	***3.50 U***	***3.50 U***
Bromobenzene	µg/L	5[B]	5.0 U	5.00 U	-	-	-	-	-	-	-	-	-	-	-	***25 U***	5.00 U	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[A]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	5.00 U	4.00 U	2.00 U	4.00 U	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	20.0 U	20.0 U	10.0 U	10.0 U
Bromoform (Tribromomethane)	µg/L	50[A]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	12.5 U	10.0 U	5.00 U	10.0 U	25 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	50.0 U	50.0 U	25.0 U	25.0 U
Bromomethane (Methyl bromide)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Butylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Butylbenzene, tert-	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Carbon Disulfide	µg/L	60[A]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	25.0 U	25.0 U	12.5 U	4.00 U	2.00 U	4.00 U	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	25.0 U	25.0 U	20.0 U	20.0 U	10.0 U	10.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Chlorobromomethane	µg/L	5[B]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***12.5 U***	***10.0 U***	5.00 U	-	***25 U***	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	-
Chloroethane (Ethyl Chloride)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10 U	10.0 U	-	-	-	-	-	-	-	-	-	-	20.0 U	50 U	10.0 U	-	-	-	-	-	-	-	-	-	-	50.0 U
Chloroform (Trichloromethane)	µg/L	7[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Chloromethane	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Cyclohexane	µg/L	n/v	10 U	10.0 U	10.0 U	-	10.0 U	10.0 U	10.0 U	50.0 U	50.0 U	25.0 U	20.0 U	10.0 U	-	50 U	10.0 U	10.0 U	-	10.0 U	10.0 U	10.0 U	50.0 U	50.0 U	100 U	100 U	50.0 U	-
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	***10 U***	***10.0 U***	***10.0 U***	-	***10.0 U***	***10.0 U***	***10.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	***20.0 U***	***10.0 U***	-	***50 U***	***10.0 U***	***10.0 U***	-	***10.0 U***	***10.0 U***	***10.0 U***	***50.0 U***	***50.0 U***	***100 U***	***100 U***	***50.0 U***	-
Dibromochloromethane	µg/L	50[A]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	5.00 U	4.00 U	2.00 U	4.00 U	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	20.0 U	20.0 U	10.0 U	10.0 U
Dichlorobenzene, 1,2-	µg/L	3[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	2.00 U	***4.00 U***	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichlorobenzene, 1,3-	µg/L	3[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	2.00 U	***4.00 U***	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichlorobenzene, 1,4-	µg/L	3[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	2.00 U	***4.00 U***	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Dichloroethane, 1,1-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichloroethane, 1,2-	µg/L	0.6[B]	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	***4.00 U***	***10 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichloroethene, 1,1-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichloroethene, cis-1,2-	µg/L	5[B]	**5.8[B]**	**5.83[B]**	4.81	-	**9.16[B]**	1.46 J	1.86 J	**480[B]**	**179[B]**	**220[B]**	**155[B]**	**81.9[B]**	**145[B]**	**210[B]**	**159[B]**	**83.6[B]**	-	**151[B]**	**111[B]**	**129[B]**	**908[B]**	**913[B]**	**1330[B]**	**1480[B]**	**432[B]**	**98.4[B]**
Dichloroethene, trans-1,2-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	**358[B]**	**134[B]**	**183[B]**	**120[B]**	**59.0[B]**	**115[B]**	**120[B]**	**83.6[B]**	**86.4[B]**	-	**196[B]**	**130[B]**	**115[B]**	**22.7[B]**	**22.3[B]**	***20.0 U***	***20.0 U***	**13.9[B]**	**26.0[B]**
Dichloropropane, 1,2-	µg/L	1[B]	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	***4.00 U***	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichloropropane, 1,3-	µg/L	5[B]	2.0 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-	***10 U***	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5[B]	2.0 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-	***10 U***	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[B]p	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	***4.00 U***	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichloropropene, trans-1,3-	µg/L	0.4[B]p	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	***4.00 U***	***10 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dioxane, 1,4-	µg/L	n/v	20 U	20.0 U	20.0 U	-	R	20.0 U	20.0 U	-	-	-	-	-	-	100 U	20.0 U	20.0 U	-	R	20.0 U	20.0 U	-	-	-	-	-	-
Ethylbenzene	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	-	***10 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	12.5 U	10.0 U	5.00 U	10.0 U	25 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	50.0 U	50.0 U	25.0 U	25.0 U
Isopropylbenzene	µg/L	5[B]	-	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	-	-	-	-	-	-	-	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Methyl Acetate	µg/L	n/v	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	5.00 U	4.00 U	2.00 U	-	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	20.0 U	20.0 U	10.0 U	-
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	**130[A]**	**80.7[A]**	**76.9[A]**	-	**107 J[A]**	10.0 U	10.0 U	50.0 U	50.0 U	25.0 U	20.0 U	10.0 U	20.0 U	**110[A]**	32.2	10.0 U	-	10.0 UJ	10.0 U	10.0 U	50.0 U	50.0 U	***100 U***	***100 U***	50.0 U	50.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	12.5 U	10.0 U	5.00 U	10.0 U	25 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	50.0 U	50.0 U	25.0 U	25.0 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	5.00 U	4.00 U	2.00 U	-	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	***20.0 U***	***20.0 U***	10.0 U	-
Methylcyclohexane	µg/L	n/v	2.0 U	2.00 U	2.00 U	-	2.00 U	1.59 J	1.37 J	10.0 U	10.0 U	5.00 U	4.00 U	2.00 U	-	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	20.0 U	20.0 U	10.0 U	-
Methylene Chloride (Dichloromethane)	µg/L	5[B]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***12.5 U***	***10.0 U***	5.00 U	***10.0 U***	***25 U***	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	***25.0 U***
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	10.0 U	5.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	-
Propylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Styrene	µg/L	5[B]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***12.5 U***	***10.0 U***	5.00 U	***10.0 U***	***25 U***	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	***25.0 U***
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Tetrachloroethene (PCE)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	**6.71[B]**	4.92	**5.21[B]**	**5.59[B]**	***10 U***	2.00 U	2.00 U	-	2.00 U	1.38 J	2.36	**132[B]**	**130[B]**	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Toluene	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Trichlorobenzene, 1,2,3-	µg/L	5[B]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***12.5 U***	***10.0 U***	5.00 U	-	***25 U***	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	-
Trichlorobenzene, 1,2,4-	µg/L	5[B]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***12.5 U***	***10.0 U***	5.00 U	-	***25 U***	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	-
Trichloroethane, 1,1,1-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Trichloroethane, 1,1,2-	µg/L	1[B]	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	***4.00 U***	***10 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Trichloroethene (TCE)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	**431[B]**	**221[B]**	**264[B]**	**200[B]**	**139[B]**	**229[B]**	**230[B]**	**13.9[B]**	**20.3[B]**	-	**16.8[B]**	**9.94[B]**	**10.1[B]**	**182[B]**	**184[B]**	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	-	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Trimethylbenzene, 1,2,4-	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Trimethylbenzene, 1,3,5-	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-	-	-	-	-	-	-	-	-	-	25.0 U
Vinyl chloride	µg/L	2[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	2.00 U	***4.00 U***	***10 U***	**23.6[B]**	**18.8[B]**	-	**78.3[B]**	**48.5[B]**	**55.5[B]**	**203[B]**	**213[B]**	**1010[B]**	**936[B]**	**627[B]**	**184[B]**
Xylene, m & p-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Xylene, o-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Total VOC	µg/L	n/v	135.8	86.53	92.81	-	134.46	3.05	3.23	1269	534	709.11	479.92	285.11	494.59	670	345.1	209.1	-	442.1	300.82	311.96	1447.7	1462.3	2340	2416	1072.9	308.4
Miscellaneous Parameters																												
Arsenic	mg/L	0.025[B]	-	0.0100 U	-	-	-	-	-	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	-	-	0.0194	-	-	-	-	-	-	-	0.010 U	0.014	0.010 U	-
Iron	mg/L	0.3[B]	-	**3.08 L[B]**	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	**3.91 L[B]**	-	-	-	-	-	-	-	0.100 U	0.100 U	0.100 U	-
Manganese	mg/L	0.3[B]	-	0.0702 L	-	-	-	-	-	0.092	0.021	0.033	0.041	0.015 U	-	-	0.0860 L	-	-	-	-	-	-	-	0.045	0.145	0.057	-
Sodium	mg/L	20[B]	**1200[B]**	**529[B]**	-	-	-	-	-	**318[B]**	**346[B]**	**352[B]**	**342[B]**	**356[B]**	**361[B]**	**1100[B]**	**302[B]**	-	-	-	-	-	-	-	**543[B]**	**439[B]**	**538[B]**	**531[B]**
Total Organic Carbon	mg/L	n/v	670	368	86.0	175	-	6.8	12.0	3.2	3	3.2	2.9	3.3	3.2	1200	164	12.0	4.70	-	2.5	6.14	-	-	18.5	8.7	9.4	1.7

See notes on last page.

Table 2
Summary of Volatile Organic Compounds in Groundwater – September 2011 to March 2016
WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW207R							Trip Blank															
Sample Date			24-Jan-13	12-Apr-13	5-Jul-13	10-Oct-13	10-Oct-13	18-Jun-15	10-Mar-16	4-Jan-12	5-Jan-12	2-Feb-12	3-Feb-12	6-Feb-12	29-Feb-12	1-Mar-12	2-Mar-12	4-Jun-12	5-Jun-12	6-Jun-12	4-Sep-12	5-Sep-12	6-Sep-12	22-Jan-13	23-Jan-13	24-Jan-13	10-Apr-13
Sample ID			WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			13:0365	131283	132505	133909	133925	152493	160970	P12-0041	P12-0069	12:0443	12:0472	12:0488	12:0868	12:0906	12:0936	12:2335	12:2364	12:2392	12:3644	12:3668	12:3694	13:0329	13:0353	13:0365	131242
Laboratory Sample ID			130365-02	131283-04	132505-04	133909-04	133925-06	152493-06	160970-05	12:0041-01	12:0069-01	12:0443-01	12:0472-01	12:0488-01	12:0868-01	12:0906-01	12:0936-01	12:2335-01	12:2364-01	12:2392-01	12:3644-01	12:3668-01	12:3694-01	130329-01	130353-01	130365-01	131242-01
Sample Type	Units	TOGS								Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Volatile Organic Compounds																											
Acetone	µg/L	50[A]	50 U	50.0 U	***200 U***	-	***200 U***	***200 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	28.1 B	10.0 U	10.0 U	10 U	10 U	10 U	13.3
Benzene	µg/L	1[B]	***3.5 U***	***3.50 U***	***14.0 U***	-	***20 U***	***20.0 U***	***10.0 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	0.700 U	0.700 U	0.700 U	0.70 U	0.70 U	0.70 U	0.700 U
Bromobenzene	µg/L	5[B]	***25 U***	***25.0 U***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[A]	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Bromoform (Tribromomethane)	µg/L	50[A]	25 U	25.0 U	***100 U***	-	***100 U***	***100 U***	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Butylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 U	5.00 U	5.00 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	2.0 U	2.0 U	2.0 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Chlorobromomethane	µg/L	5[B]	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	-	-	5.0 U	5.0 U	5.0 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	50 U	50.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Chloromethane	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Cyclohexane	µg/L	n/v	50 U	50.0 U	200 U	-	200 U	200 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	-	-	-	10 U	10 U	10 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	***50 U***	***50.0 U***	***200 U***	-	***200 U***	***200 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***	-	-	-	***10 U***	***10 U***	***10 U***	***10.0 U***
Dibromochloromethane	µg/L	50[A]	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	3[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	3[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	3[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	5.00 U	5.00 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Dichloroethane, 1,1-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichloroethane, 1,2-	µg/L	0.6[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Dichloroethene, 1,1-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	5[B]	**500[B]**	**250[B]**	**193[B]**	-	***40.0 U***	**537[B]**	**690[B]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 U	2.00 U
Dichloroethene, trans-1,2-	µg/L	5[B]	**24[B]**	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	**14.7 J[B]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 U	2.00 U
Dichloropropane, 1,2-	µg/L	1[B]	-	-	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Dichloropropane, 1,3-	µg/L	5[B]	***10 U***	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5[B]	***10 U***	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[B]	-	-	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Dichloropropene, trans-1,3-	µg/L	0.4[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Dioxane, 1,4-	µg/L	n/v	100 U	100 U	400 U	-	R	400 U	200 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20 U	20 U	20 U	20.0 U
Ethylbenzene	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	-	-	-	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	25 U	25.0 U	***100 U***	-	***100 U***	***100 U***	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U
Isopropylbenzene	µg/L	5[B]	-	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	5.00 U	5.00 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	-	-	-	-	-	-	-	2.00 U	2.00 U	2.00 U	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 Acetate	µg/L	n/v	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	**140[A]**	**61.0[A]**	***200 U***	-	***200 UJ***	***200 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	10.0 U	10.0 U	10.0 U	10 U	10 U	10 U	10.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	25 U	25.0 U	100 U	-	100 U	100 U	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	10 U	10.0 U	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Methylcyclohexane	µg/L	n/v	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5[B]	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Styrene	µg/L	5[B]	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Tetrachloroethene (PCE)	µg/L	5[B]	**19[B]**	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Toluene	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5[B]	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	-	-	5.0 U	5.0 U	5.0 U	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5[B]	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	-	-	5.0 U	5.0 U	5.0 U	5.00 U
Trichloroethane, 1,1,1-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	1[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Trichloroethene (TCE)	µg/L	5[B]	**55[B]**	***10.0 U***	***40.0 U***	-	***40.0 U***	**20.5 J[B]**	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	5.00 U	-	-	-	-
Vinyl chloride	µg/L	2[B]	**1000[B]**	**327[B]**	**1850[B]**	-	**451[B]**	**829[B]**	**582[B]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 U	2.00 U
Xylene, m & p-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Xylene, o-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Total VOC	µg/L	n/v	1738	638	2043	-	451	1386.5	1286.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.1	ND	ND	ND	ND	ND	13.3
Miscellaneous Parameters																											
Arsenic	mg/L	0.025[B]	-	0.0100 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.3[B]	-	0.100 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3[B]	-	0.0207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	mg/L	20[B]	**840[B]**	**493[B]**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	530	131	28.0	18.4	-	4.1	11.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 2
Summary of Volatile Organic Compounds in Groundwater – September 2011 to March 2016
WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			Trip Blank									
Sample Date			11-Apr-13	12-Apr-13	2-Jul-13	3-Jul-13	5-Jul-13	8-Oct-13	9-Oct-13	10-Oct-13	17-Jun-15	9-Mar-16
Sample ID			Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	TRIP-06172015, T-633	Trip Blank (T-693)
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			131259	131283	132471	132490	132505	133927	133926	133925	152493	160970
Laboratory Sample ID			131259-01	131283-01	132471-01	132490-01	132505-01	133927-01	133926-01	133925-01	152493-04	160970-07
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												
Acetone	µg/L	50[A]	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
Benzene	µg/L	1[B]	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U	1 U	1 U	1 U	1.00 U	1.00 U
Bromobenzene	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[A]	2.00 U	2.00 U	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]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5[..B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Butylbenzene, n-	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5[..B]	2.00 U	2.00 U	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]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	5[..B]	2.00 U	2.00 U	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	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]	***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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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	5[..B]	2.00 U	2.00 U	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]	***2.00 U***	***2.00 U***	***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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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, trans-1,2-	µg/L	5[..B]	2.00 U	2.00 U	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]	***2.00 U***	***2.00 U***	***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, 1,3-	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[p,B]	***2.00 U***	***2.00 U***	***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]	***2.00 U***	***2.00 U***	***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	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	R	R	R	20.0 U	20.0 U
Ethylbenzene	µg/L	5[..B]	2.00 U	2.00 U	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]	***2.00 U***	***2.00 U***	***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]	5.00 U	5.00 U	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]	2.00 U	2.00 U	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	2.00 U	2.00 U	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]	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 UJ	10.0 U	10.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylcyclohexane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5[..B]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 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	5.00 U	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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Toluene	µg/L	5[..B]	2.00 U	2.00 U	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]	5.00 U	5.00 U	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]	5.00 U	5.00 U	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]	2.00 U	2.00 U	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]	***2.00 U***	***2.00 U***	***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]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5[..B]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, m & p-	µg/L	5[..B]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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	ND	ND	0	0	0	ND	ND	ND	ND	ND
Miscellaneous Parameters												
Arsenic	mg/L	0.025[B]	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.3.[B]	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3.[B]	-	-	-	-	-	-	-	-	-	-
Sodium	mg/L	20[B]	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-

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); Guida
[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); Stand
6.5[A]	Concentration exceeds the indicated standard.
15.2	Measured concentration did not exceed the indicated standard.
0.50 U	Laboratory reporting limit was greater than the applicable standard.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
[*]	The standard for Iron and Manganese is 500 ug/L, which applies to the sum of these substances. As individual standards, the standard is 300 ug/L.
[..]	The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in the TOGS table) applies to this substance.
[p]	Applies to the sum of cis- and trans-1,3-dichloropropene.
B	Indicates analyte was found in associated blank, as well as in the sample.
J	The reported result is an estimated value.
L	Detection limit adjustment for sample matrix effects.
M	Denotes matrix spike recoveries outside QC limits. Matrix bias indicated.
UJ	Indicates estimated non-detect.

MW-9R
MW-213
MW-215
MW-20
MW-214
MW-9
MW-218
MW-216
MW-217
MW-219
MW-19
MW-32
GQ8/MW5
GQ1/MW1
MW-106
GQ2/MW2
MW-107
MW-46
MW-46R
Sub-Slab Depressurization System Piping
MW-200
MW-201
MW-105
MW-203
MW-200R
GQ3/MW3
MW-203R
Manifold
MPVE Unit (50HP)
Treatment Unit
MW-45
GQ4/MW4
MW-47
MW-202
MW-204R
MW-204
MW-205
MW-212
MW-22
MW-212R
MW-15
MW-14
MW-22R
MW-101
MW-205R
MW-208R
MW-210R
MW-210
MW-206R
MW-207R
MW-207
MW-208
MW-209
MW-211R
MW-211
MW-16
MW-16R
MW-18
MW-23R
MW-23

Legend

Monitoring and Extraction Wells

Well Type

- Extraction Well
- Monitoring Well
- As-Built Trenching Limits
- Existing MPVE System
- 8-28 Ward Street Site Property Line
- Ward Street Site Property Line

Geographic Information Systems

Cartographic Design By: Andrew Less

U:\1405205\docs\ERD\Figures

Stantec Consulting
61 Commercial Street
Rochester, NY 14614
Phone 585.475.1440 Fax 585.272.1814
www.stantec.com

0 5 10 20 30 40 Feet

1 inch = 30 feet

Figure 1 - Well Locations

Ward Street Site
Rochester, NY

FIGURE 3-1: Dissolved-Phase VOC Concentrations versus Time - MW-16

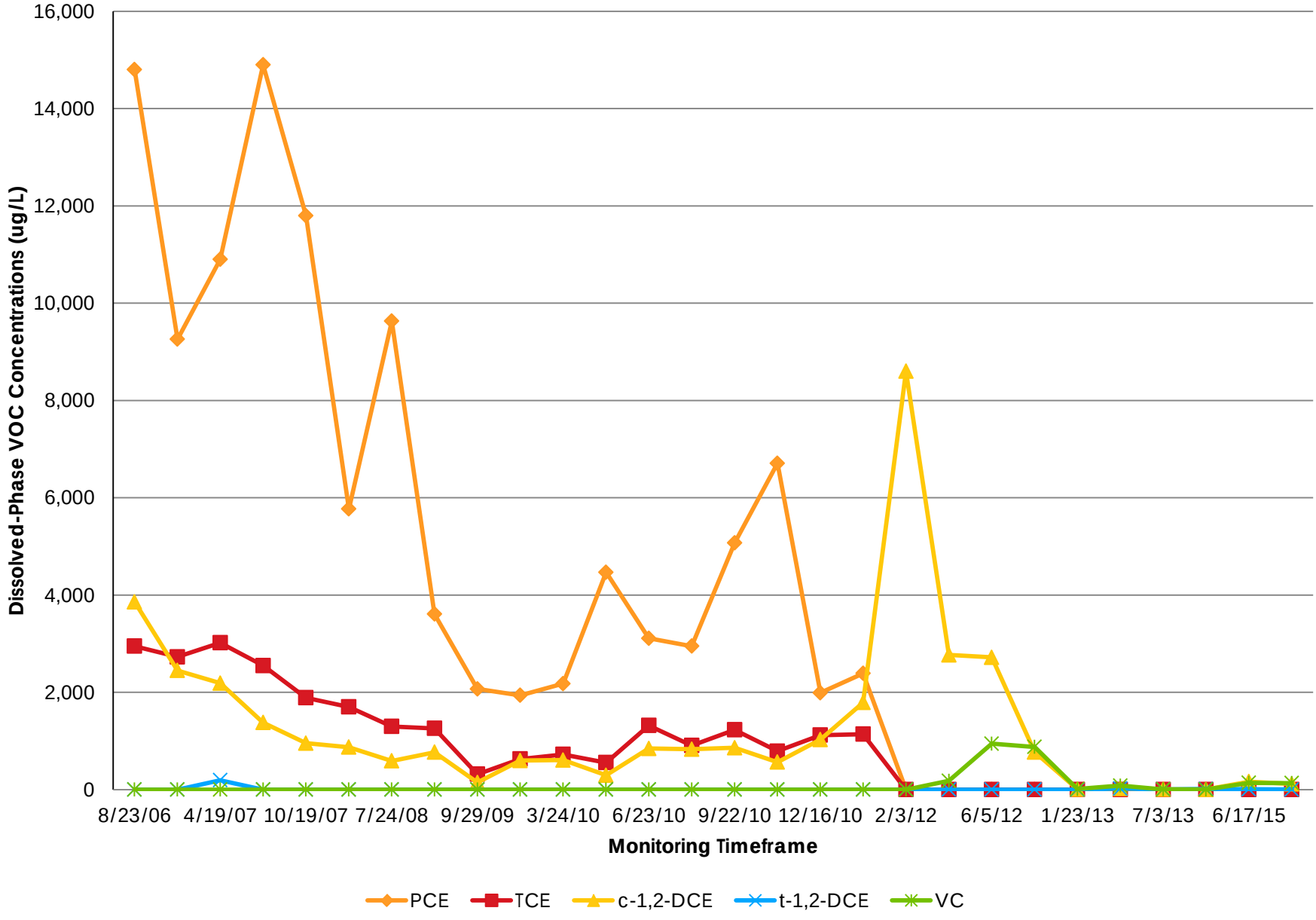


FIGURE 3-2: Dissolved-Phase VOC Concentrations versus Time - MW-16R

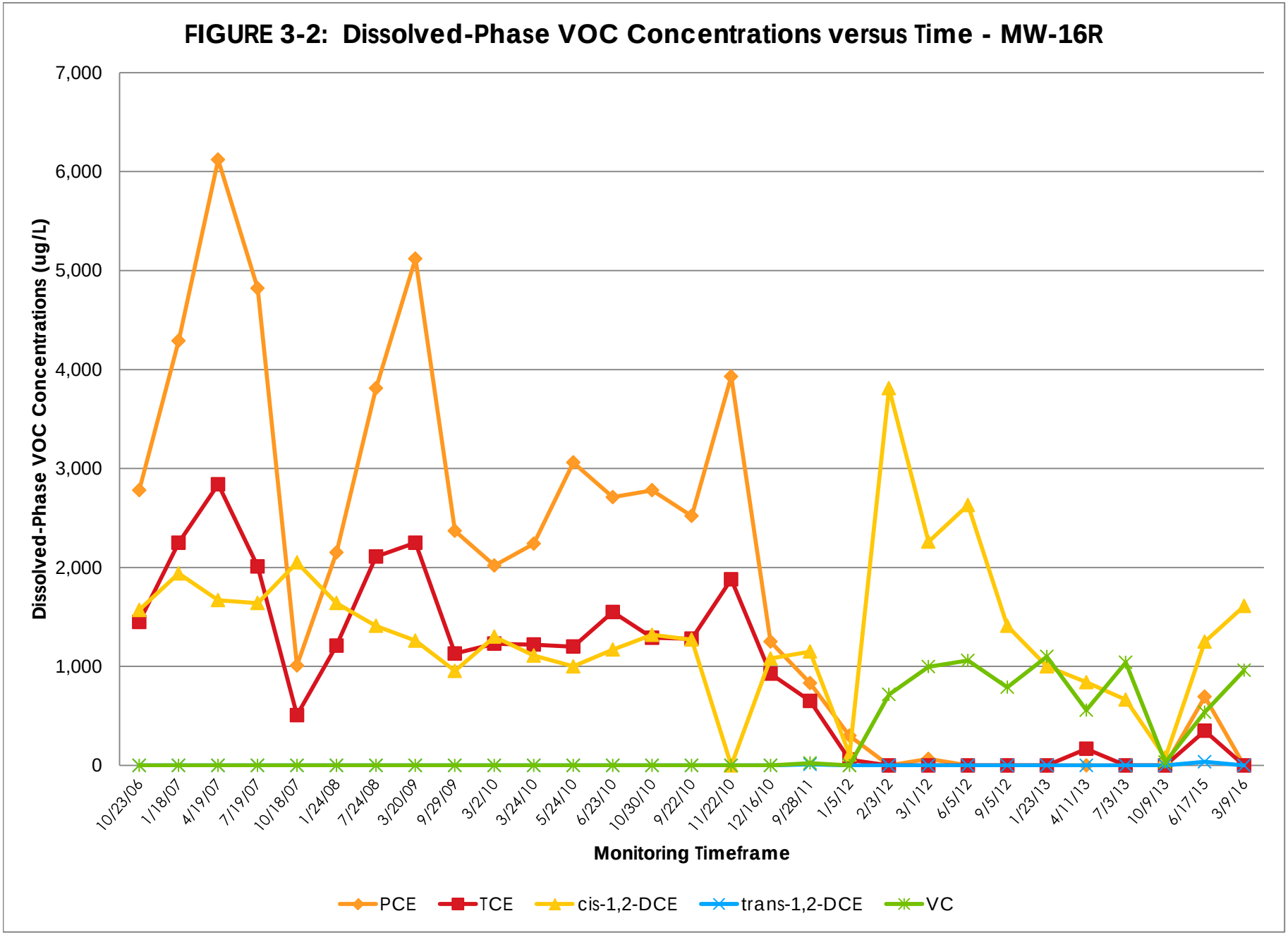


FIGURE 3-5: Dissolved-Phase VOC Concentrations versus Time - MW-23

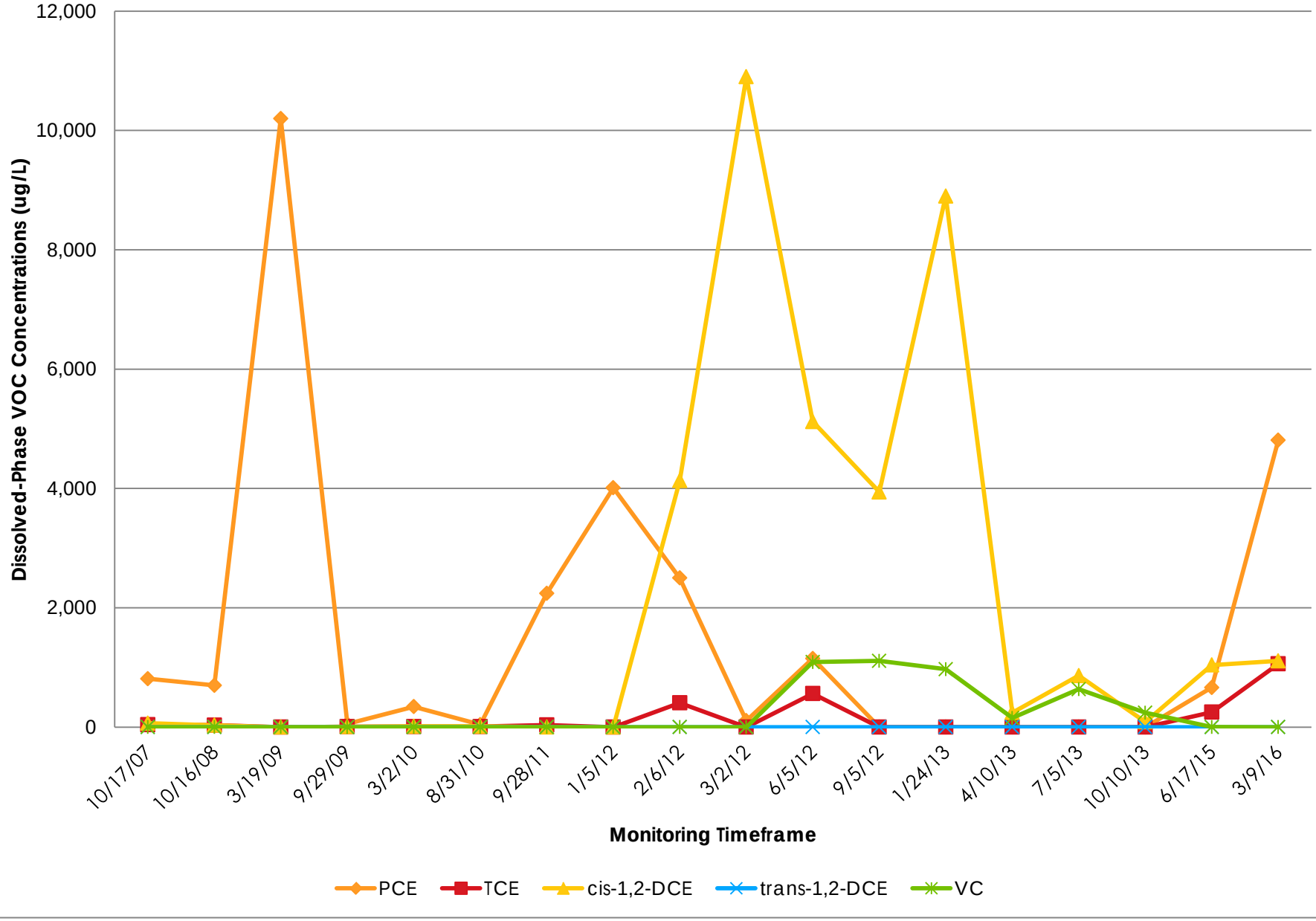


FIGURE 3-6: Dissolved-Phase VOC Concentrations versus Time - MW-23R

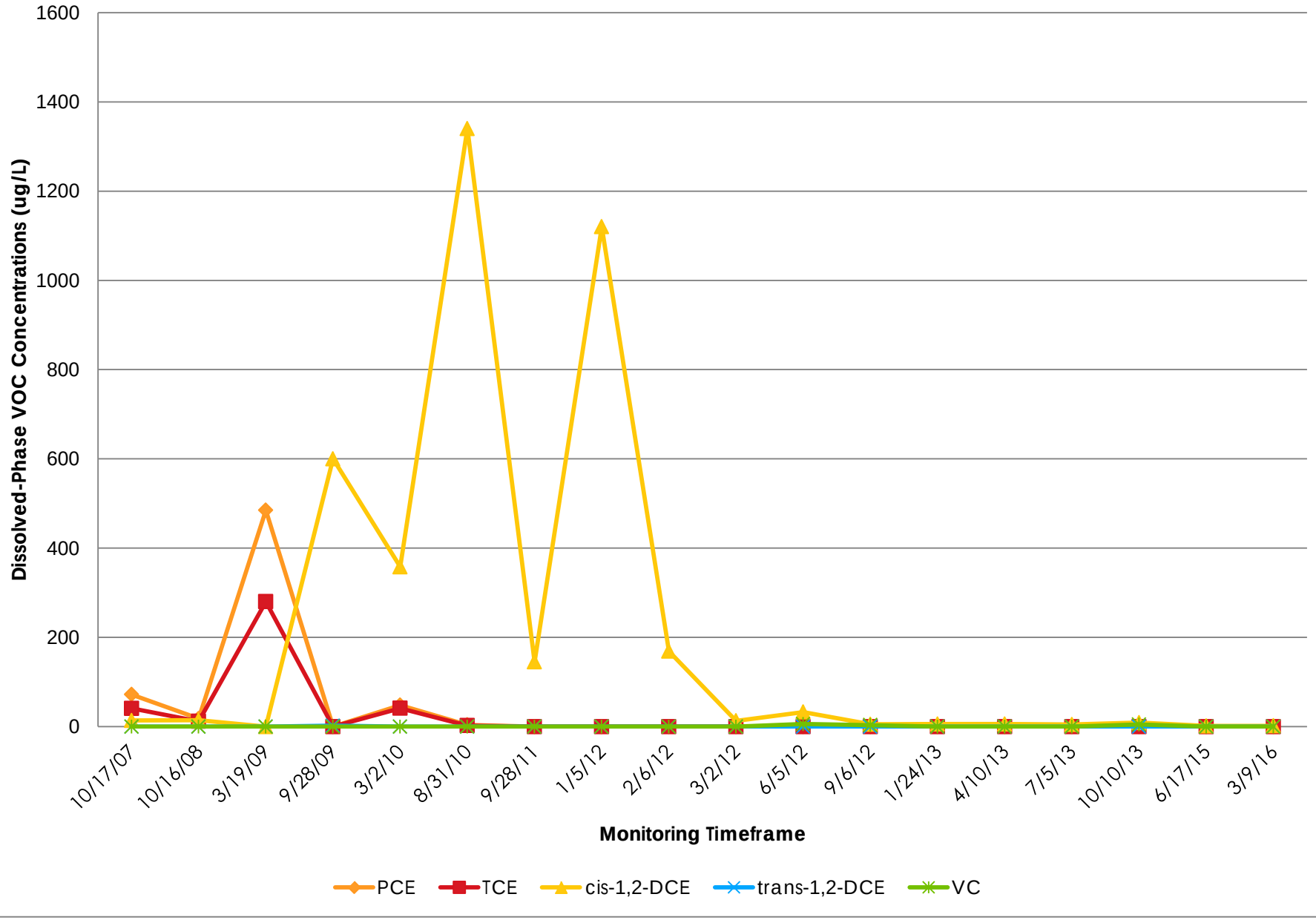


FIGURE 3-7: Dissolved-Phase VOC Concentrations versus Time - MW-105

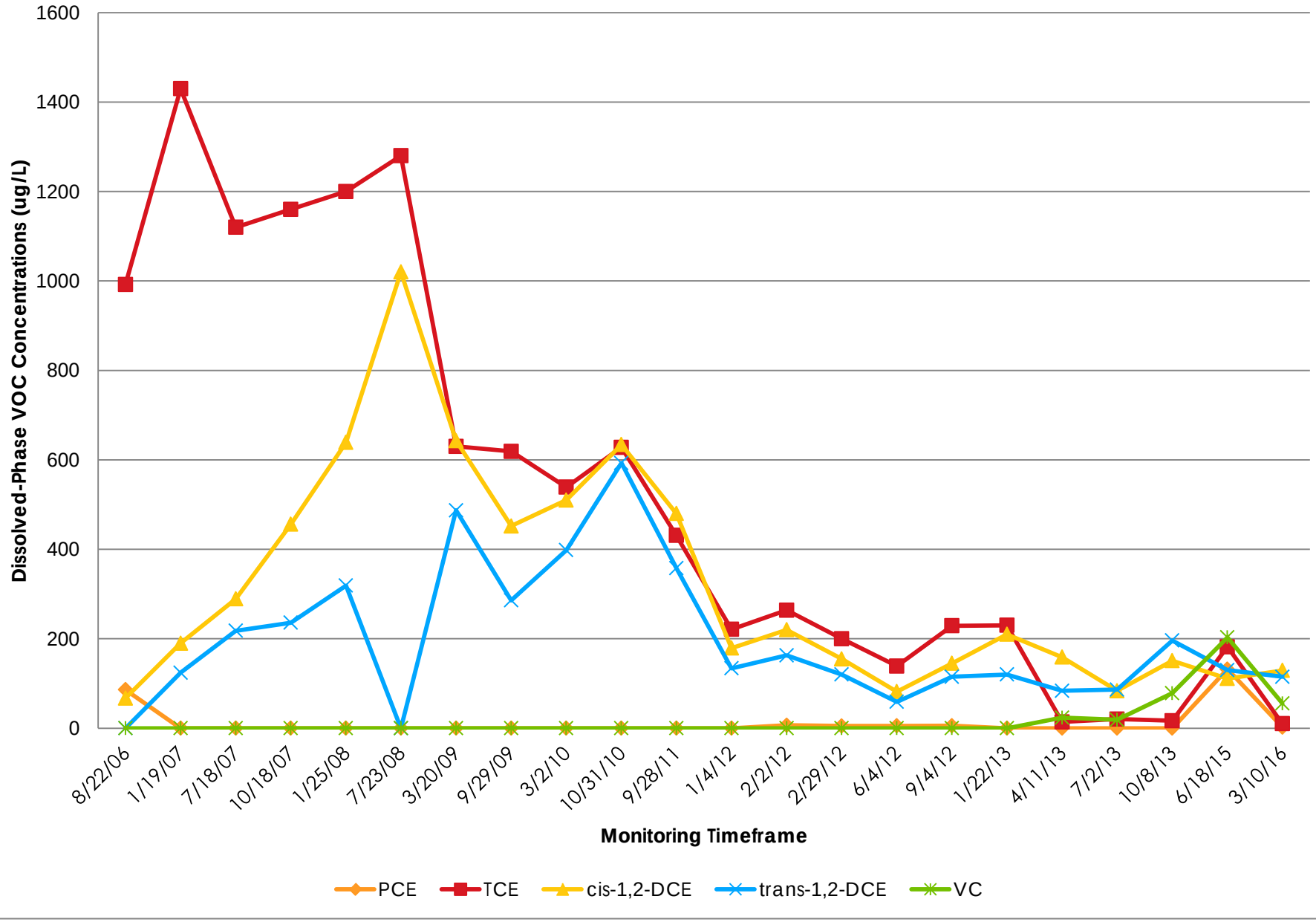
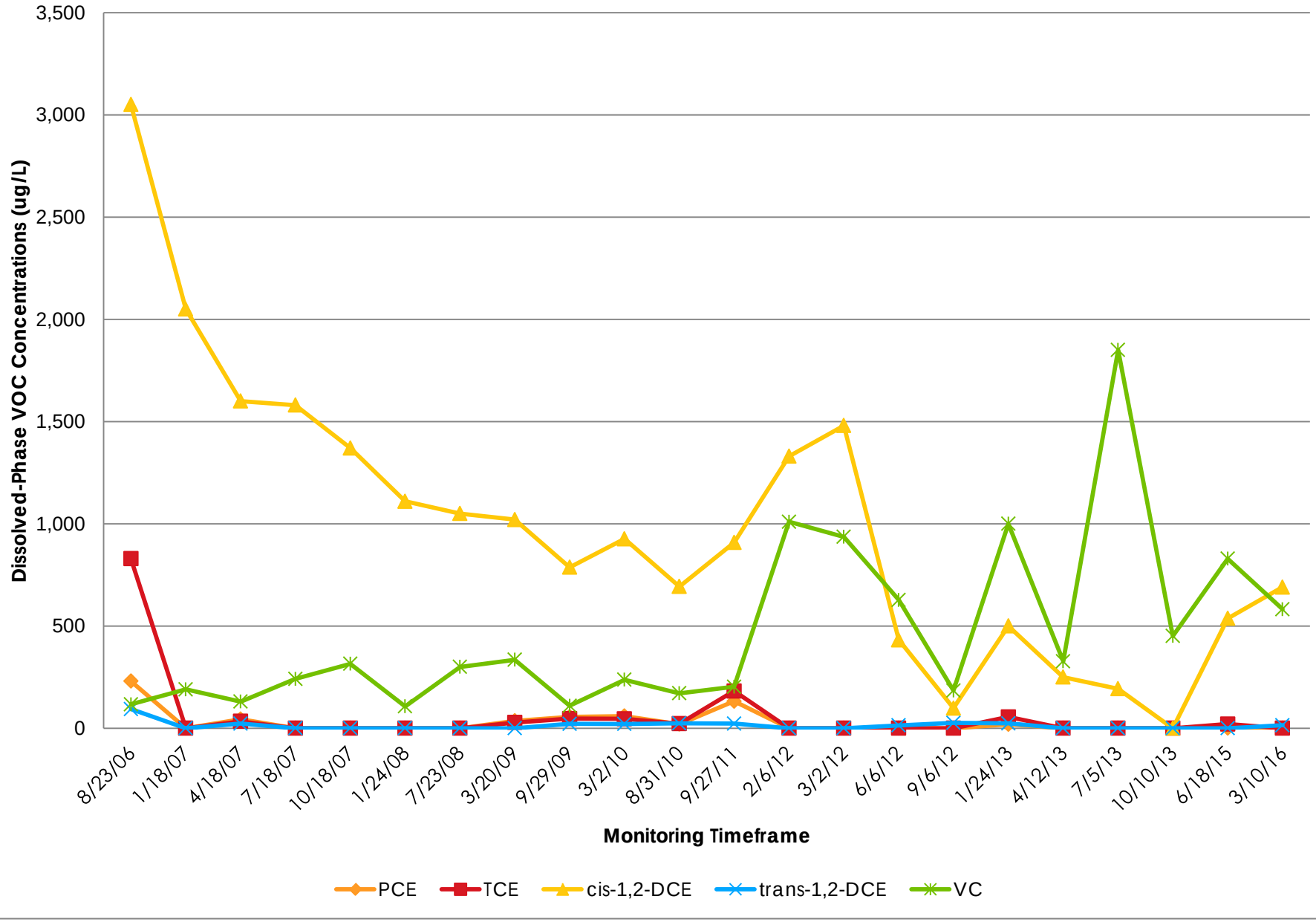


FIGURE 3-10: Dissolved-Phase VOC Concentrations versus Time - MW-207R



Haravitch, Ben

From: Storonsky, Mike
Sent: Thursday, October 27, 2016 1:37 PM
To: Caffoe, Todd (DEC)
Cc: Haravitch, Ben; Nielsen, Peter; Ignaszak, Kevin
Subject: 8-28 Ward Street Site, C828136 - Soil Boring Results & Proposed Excavation near MW-23
Attachments: report.c828117.c828136.2016-10-27.soil.pdf; report.c828117.c828136.2016-04-14.gw.pdf; report.c828117.c828136.2016-10-27.boring_logs.pdf; siteplan.c828117.c828136.2016-10-27.borings_excavation.pdf

Todd,

As a follow-up to our conversation, attached is a table, boring logs and a soil boring location figure which summarize the soil boring investigation that was recently performed at the 8-28 Ward Street Site around and upgradient from off-site monitoring well MW-23. As you will recall, a rebound in PCE groundwater concentrations was observed at MW-23 during the annual sampling event performed earlier this year. For your reference, attached are the groundwater tables that we provided in conjunction with our prior e-mail below.

During the soil boring investigation, we selected one soil sample per location for laboratory analysis based on field observations. During the investigation, the water table was generally observed to be in the range of 12-13 ft. below ground surface (bgs). PCE impacted soil was reported in one boring, B5, at concentration of 4,220 ug/kg which exceeds the POGW SCO. Since this sample was collected from a depth of 8.5 – 9 ft., which is above the water table, we believe excavation of soil above the water table would be the most efficient remedial approach to remove the source of impacts located on-site and which may be contributing to the PCE observed in groundwater at MW-23. The attached soil boring location figure depicts the approximate limits of the proposed excavation of on-site, TCE impacted soil above the water table on the 8-28 Ward Street site upgradient from MW-23. Note that cis-1,2-DCE was reported in the off-site boring B1 at a depth of 13.2-13.7 ft. bgs, at a concentration of 608 ug/kg, which exceeds the PGOW SCO. We are not proposing to conduct any off-site soil excavation around B1 since Germanow-Simon is a Volunteer in the Brownfield Cleanup Program and they are not obligated to remediate off-site impacts.

We propose to pre-characterize the impacted material for disposal so that the material can be directly loaded onto trucks during the excavation program thereby eliminating the need to stockpile the material on-site. This would require collecting a sample and performing the laboratory analysis needed to satisfy the landfill's disposal requirements. In addition, given that the material is impacted with TCE, we propose to perform a Contained-In Demonstration (CID), and assuming the results are acceptable, request approval from the Department to dispose of the material as non-hazardous waste. Assuming this approach is acceptable to the Department, we would prepare a brief Work Plan for the Department's review and approval, then collect and analyze the samples necessary to evaluate if the soil would qualify for a CID determination.

Once those activities are completed, the excavation plan would be implemented. The excavation will require removal of two trees, the removal of approximately 40 ft. of fence for a period of several days, and temporary sidewalk closure after obtaining the required permit from the City of Rochester. Confirmatory sidewall and bottom samples will be collected and analyzed for TCL VOCs. At the completion of the excavation, and prior to backfilling, approximately 600 lbs. of a sodium lactate solution would be applied to the bottom of the excavation to assist in the remediation of residual groundwater impacts. Reinstallation of the fence, planting of two replacement trees, placement of topsoil and seeding the disturbed areas would take place following backfilling. The program would be documented in the annual Periodic Review Report.

We propose to complete this program during the late summer of 2017 when groundwater should be at its seasonal low levels. The groundwater monitoring program required by the Site Management Plan is proposed to be subsequently used to evaluate the effectiveness of the program in improving groundwater conditions at MW-23.

We look forward to the Department's review and input regarding this proposed approach. In the meantime, please let us know what questions you may have.

Sincerely,
Mike

Michael P. Storonsky
Managing Principal, Environmental Services
Stantec
Phone: (585) 413-5266
Cell: (585) 298-2386
mike.storonsky@stantec.com

From: Storonsky, Mike
Sent: Thursday, April 14, 2016 1:53 PM
To: 'Caffoe, Todd (DEC)' <todd.caffoe@dec.ny.gov>
Cc: Haravitch, Ben <Ben.Haravitch@stantec.com>; Nielsen, Peter <Peter.Nielsen@stantec.com>
Subject: Ward Street Site, BCA Site No.: C828117 and 8-28 Ward Street Site, BCA Site No.: C828136 - Groundwater Sampling Results

Todd,

As discussed, please find enclosed summary tables and figures for the March 2016 groundwater sampling event at the Ward Street and 8-28 Ward Street sites.

The groundwater parameters measured in the field during sampling activities show that anaerobic and reducing geochemical conditions have been maintained or improved slightly since 2015 at all of the wells sampled (Table 1). This suggests that the enhanced reductive dechlorination (ERD) injection performed in November, 2012 continues to promote an environment suitable for the breakdown of chlorinated volatile organic compounds (VOCs).

The VOC data show that ERD continues under, and downgradient from, the Ward Street Building B Annex shipping/receiving area. Low and decreasing concentrations of 'parent' VOC compounds, tetrachloroethylene (PCE) and trichloroethylene (TCE), were observed in MW-105; and only 'daughter' products, cis/trans-1,2-Dichloroethene (DCE) and vinyl chloride (VC), were observed down gradient at MW-16 and MW-16R. VOC concentrations at downgradient MW-207R remain generally similar to those observed during the previous round of groundwater sampling in June 2015 with only daughter compounds being present.

At the 8-28 Ward Street Site, conditions look good within the bedrock zone as VOC concentrations are at or below laboratory detection limits for all compounds at MW-23R. The results from MW-23, however, show increases in PCE and TCE concentrations to levels last observed prior to the initial injection activities.

Also enclosed, as a separate attachment, are several figures excerpted from the 8-28 Ward Street RI which depict the PSG results, the various investigation locations that were performed on that Site, and the sewer record map for Ward Street.

When you have had a chance to review the attached, please let me know when you would be available to discuss these results.

Sincerely,
Mike

Michael P. Storonsky
Managing Principal, Environmental Services
Stantec
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mike.storonsky@stantec.com

From: Caffoe, Todd (DEC) [mailto:todd.caffoe@dec.ny.gov]
Sent: Tuesday, March 08, 2016 7:55 AM
To: Storonsky, Mike
Cc: Haravitch, Ben
Subject: RE: Ward Street Site, BCA Site No.: C828117 and 8-28 Ward Street Site, BCA Site No.: C828136 - Groundwater Sampling

Thanks for the heads up.
-Todd

From: Storonsky, Mike [mailto:mike.storonsky@stantec.com]
Sent: Monday, March 07, 2016 9:43 AM
To: Caffoe, Todd (DEC)
Cc: Haravitch, Ben
Subject: Ward Street Site, BCA Site No.: C828117 and 8-28 Ward Street Site, BCA Site No.: C828136 - Groundwater Sampling

Todd,

As per the Department approved PRR for the above sites, we are planning to conduct the specified annual groundwater sampling event on Wednesday and Thursday of this week. Ben Haravitch will be conducting the sampling program. If you need to reach him his cell is 978-5248. Should you have any questions please contact us.

Sincerely,
Mike

Michael P. Storonsky
Managing Principal, Environmental Services
Phone: (585) 413-5266
Cell: (585) 298-2386
mike.storonsky@stantec.com

Table 1
Summary of Field Parameters in Groundwater – September 2011 to March 2016
WARD STREET SITE
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Area of interest		On-Site Area 1: Building B Annex																					
Sample Location		MW105												MW207R									
Sample Date		28-Sep-11	4-Jan-12	2-Feb-12	29-Feb-12	4-Jun-12	4-Sep-12	22-Jan-13	11-Apr-13	2-Jul-13	8-Oct-13	18-Jun-15*	10-Mar-16	27-Sep-11	6-Feb-12	2-Mar-12	6-Jun-12	6-Sep-12	24-Jan-13	12-Apr-13	5-Jul-13	10-Oct-13	18-Jun-15	10-Mar-16
Sample ID		WSR-MW-105-GW-12	WSR-MW-105-GW-13	WSR-MW-105-GW-14	WSR-MW-105-GW-15	WSR-MW-105-GW-16	WSR-MW-105-GW-17	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-207R-GW-12	WSR-MW-207R-GW-13	WSR-MW-207R-GW-14	WSR-MW-207R-GW-15	WSR-MW-207R-GW-16	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW
Sampling Company	Units	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters																								
Color (Visual)	none	clear	clear	clear	clear	clear	cloudy	clear	Black precipitate	clear with some brown precipitate	clear	cloudy	clear	clear	clear w/ black flecks	clear w/ black flecks	clear	clear w/ black flecks	murky w/ black flecks	Black precipitate	clear with black precipitate	clear with black particulates	slightly yellow	clear
Conductivity, Field	mS/cm	2.50	2.72	0.267	2.36	0.318	2.60	4.66	2.71	2.55	2.76	2.24	2.31	0.50	0.541	4.32	0.490	4.59	49.93	3.85	4.00	3.57	3.84	3.48
Dissolved Oxygen, Field	mg/L	0.00	0.53	0.00	0.25	0.97	0.53	0.17	0.79	0.32	0.21	0.42	0.35	0.7	0.00	0.00	0.62	0.41	0.36	0.74	0.15	0.14	0.67	0.4
Odor	none	none	no odor	no odor	no odor	sulfur odor	no odor	sulfur odor	Strong sulfur odor	none	none	none	slight sulfur	sulfur odor	odor	sulfur odor	strong sulfur odor	sulfur	sulfur odor	odor	strong sulfur odor	strong sulfur odor	sulfur odor	sulfur odor
Oxidation Reduction Potential	mV	111	227	297	235	-132	195.3	-199.2	-219.6	-152.6	-70.2	-28.0	-90.2	-134	-345	-374	-358	-301.6	-351.9	-346.1	-349.2	-288.8	-248.2	-67.0
pH, Field	S.U.	6.87	7.25	7.28	7.33	7.09	7.16	6.90	7.37	8.47	7.26	7.18	7.22	6.93	6.73	7.22	6.68	6.87	6.77	8.04	6.78	6.93	6.79	7.00
Temperature, Field	deg C	20.46	20.49	19.22	20.43	19.4	21.3	18.9	18.7	19.6	19.4	19.2	19.6	17.9	14.27	13.28	15.9	20.1	14.0	11.7	18.7	18.6	15.0	14.2
Turbidity, Field	NTU	58.5	31.3	3.44	9.75	4.41	17.6	4.99	4.36	5.56	3.56	47.8	13.0	4.21	-0.29	5.79	0.70	3.92	1.72	2.31	3.53	3.66	1.52	2.29
Volume Purged	gal	0.6	3 ~	3.5 ~	2.0	1.0	1.1	2.7	1.3	1.35	1.0	0.3	1.3	1.5	1.1	0.5	1.3	1.2	3.6	1.6	2.0	1.5	1.5	1.6

*parameters at the end of low-flow purge; ORP was -96 at end of volumetric purge by bailer

See Notes on Last Page

Table 1
Summary of Field Parameters in Groundwater – September 2011 to March 2016
WARD STREET SITE
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Area of interest		Off-Site Area 1: MW-16/ Ward Street																						
Sample Location		MW16											MW16R											
Sample Date		27-Sep-11	3-Feb-12	2-Mar-12	5-Jun-12	5-Sep-12	23-Jan-13	11-Apr-13	3-Jul-13	9-Oct-13	17-Jun-15*	9-Mar-16	28-Sep-11	5-Jan-12	3-Feb-12	1-Mar-12	5-Jun-12	5-Sep-12	23-Jan-13	11-Apr-13	3-Jul-13	9-Oct-13	17-June-15*	9-Mar-16
Sample ID		WSR-MW-16-GW-18	WSR-MW-16-GW-19	WSR-MW-16-GW-20	WSR-MW-16-GW-21	WSR-MW-16-GW-22	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16R-GW-18	WSR-MW-16R-GW-19	WSR-MW-16R-GW-20	WSR-MW-16R-GW-21	WSR-MW-16R-GW-22	WSR-MW-16R-GW-23	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW
Sampling Company	Units	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters																								
Color (Visual)	none	sl.red	clear	slightly cloudy	clear	clear	clear	clear with black precipitate	clear with black precipitate	clear with black specks	clear with black sulfide deposits	clear with black sulfide deposits	clear	clear	clear	clear w/ black flecks	clear	clear	murky	Slightly clouded	clear with black precipitate	clear with black precipitate	clear with black particulate	clear with black particulate
Conductivity, Field	mS/cm	6.72	0.762	2.33	0.843	10.52	7.63	10.63	9.73	10.13	11.94	12.76	4.31	3.75	0.782	4.90	0.629	5.19	5.32	4.06	4.40	2.67	8.04	3.72
Dissolved Oxygen, Field	mg/L	0	0.0	0.00	1.09	0.40	0.51	0.8	0.19	0.10	0.35	0.13	1.12	2.63	0.00	0.00	1.00	0.16	0.90	0.76	0.25	0.14	0.16	0.11
Odor	none	0	no odor	no odor	no odor	sulfur	sewage odor	Sulfur odor	slight sulfur odor	sulfur odor	none	sulfur odor	none	no odor	no odor	stale odor	no odor	sulfur	sulfur	Sulfur odor	slight sulfur odor	sulfur odor	none	none
Oxidation Reduction Potential	mV	-107	-259	-181	-291	-319.5	-208.0	-361.2	-207.6	-188.0	-150.0	-120.2	-62	104	-247	-196	-247	-328.6	-346.8	-313.9	-354.5	-264.3	-205.9	-144.3
pH, Field	S.U.	6.82	7.13	7.52	7.20	7.26	7.06	7.10	7.13	7.33	7.08	7.06	6.56	7.53	6.84	7.04	6.53	6.96	6.76	7.04	6.90	6.58	7.00	6.95
Temperature, Field	deg C	19.29	11.68	11.23	19.6	21.7	8.7	8.3	18.1	19.3	16.5	14.9	17.78	7.26	12.28	10.95	18.3	20.9	11.1	8.3	19.0	19.7	16.0	17.2
Turbidity, Field	NTU	30	11.1	17.6	37.0	7.11	1.01	4.55	8.59	11.4	8.98	11.55	37	44.3	12.7	29	15.0	11.48	3.97	13.9	12.50	6.42	9.79	3.76
Volume Purged	gal	0.9	3.0	1.9	0.5	1.1	2.8	3.3	1.3	0.8	1.0	1.1	1.0	0.6	2.7	2.1	0.8	1.9	1.2	2.8	2.0	1.1	0.3	1.4

See Notes on Last Page

*parameters at the end of low-flow purge

*parameters at the end of low-flow purge

Table 1
Summary of Field Parameters in Groundwater – September 2011 to March 2016
WARD STREET SITE
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Area of interest		8-28 Ward St											
Sample Location		MW23											
Sample Date		28-Sep-11	5-Jan-12	6-Feb-12	2-Mar-12	5-Jun-12	6-Sep-12	24-Jan-13	10-Apr-13	5-Jul-13	10-Oct-13	17-Jun-15*	9-Mar-16
Sample ID		WSR-MW-23-GW-7	828-MW-23-GW-8	828-MW-23-GW-9	828-MW-23-GW-10	828-MW-23-GW-11	828-MW-23-GW-12	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW
Sampling Company	Units	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters													
Color (Visual)	none	clear	clear	clear w/ black flecks	clear w/ black flecks	clear, no black flecks	clear/black pieces	clear w/ black flecks	Black precipitate	clear with black precipitate	clear with black precipitate	slightly yellow, brown particulate	
Conductivity, Field	mS/cm	7.37	7.12	0.596	6.06	0.828	6.62	4.66	4.38	3.48	5.96	4.34	5.21
Dissolved Oxygen, Field	mg/L	0.0	2.61	0.00	0.00	0.42	0.16	0.35	0.22	0.11	0.13	0.47	0.32
Odor	none	none	no odor	no odor	no odor	no odor	no odor	sewage odor	No odor	slight sulfur odor	sulfur odor	none	none
Oxidation Reduction Potential	mV	31	-135	-187	-238	-211	-147.1	-232.0	-149.2	-271.7	-149.3	-101.3	-22.2
pH, Field	S.U.	6.66	6.73	7.09	7.57	6.71	7.04	7.09	7.13	6.44	6.93	7.13	7.09
Temperature, Field	deg C	14.63	11.85	6.47	12.18	13.8	21.0	11.0	9.8	18.1	15.3	15.8	12.7
Turbidity, Field	NTU	45	12.2	9.78	24	1.35	9.14	3.72	9.72	9.23	3.66	25.3	8.52
Volume Purged	gal	2.1	1.6	0.5	0.6	2.5	1.6	0.9	1.0	1.1	1.2	0.8	1.7

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*parameters at the end of low-flow purge

Table 1
Summary of Field Parameters in Groundwater – September 2011 to March 2016
WARD STREET SITE
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Area of interest		8-28 Ward St											
Sample Location		MW23R											
Sample Date		28-Sep-11	5-Jan-12	6-Feb-12	2-Mar-12	5-Jun-12	6-Sep-12	24-Jan-13	10-Apr-13	5-Jul-13	10-Oct-13	17-Jun-15	9-Mar-16
Sample ID		WSR-MW-23R-GW-7	828-MW-23R-GW-8	828-MW-23R-GW-9	828-MW-23R-GW-10	828-MW-23R-GW-11	828-MW-23R-GW-12	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW
Sampling Company	Units	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters													
Color (Visual)	none	clear	clear w/ black flecks	clear w/ black flecks	clear w/ black flecks	clear w/ black flecks	black	murky	0	clear with black precipitate	clear with black precipitate	clear, black sulfide deposits	clear, black sulfide deposits
Conductivity, Field	mS/cm	3.44	4.24	0.671	7.03	0.635	4.74	6.34	6.52	6.45	5.28	5.18	4.78
Dissolved Oxygen, Field	mg/L	0.00	0.00	0.00	0.00	0.57	0.24	0.33	0.11	0.11	0.41	0.14	0.09
Odor	none	none	no odor	odor	sulfur odor	no odor	sulfur	slight sulfur odor	0	strong sulfur odor	strong sulfur odor	sulfur odor	sulfur odor
Oxidation Reduction Potential	mV	-23	-168	-262	-317	-211	-375.3	-438.3	-358.9	-408.0	-347.1	-307.0	-138.5
pH, Field	S.U.	6.63	7.38	6.71	6.86	6.59	7.02	6.65	6.67	6.79	6.97	7.16	7.25
Temperature, Field	deg C	22.26	12.61	11.12	12.97	16.1	19.7	11.5	10.8	17.5	15.5	14.3	14.2
Turbidity, Field	NTU	3.3	6.24	1.04	11.3	3.27	0.92	1.60	1.25	0.82	3.84	2.87	3.58
Volume Purged	gal	0.7	1.3	1.7	2.2	1.1	1.4	1.5	2.3	2.3	0.9	1.8	1.5

See Notes on Last Page

Table 2
Summary of Volatile Organic Compounds in Groundwater – September 2011 to March 2016
WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW16												MW16R												
Sample Date			27-Sep-11	3-Feb-12	2-Mar-12	5-Jun-12	5-Sep-12	23-Jan-13	11-Apr-13	3-Jul-13	9-Oct-13	9-Oct-13	17-Jun-15	9-Mar-16	28-Sep-11	5-Jan-12	3-Feb-12	1-Mar-12	1-Mar-12	5-Jun-12	5-Sep-12	23-Jan-13	11-Apr-13	3-Jul-13	9-Oct-13	9-Oct-13	18-Jun-15	9-Mar-16
Sample ID			WSR-MW-16-GW-18	WSR-MW-16-GW-19	WSR-MW-16-GW-20	WSR-MW-16-GW-21	WSR-MW-16-GW-22	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	WSR-MW-16-GW	828-MW-16-GW	WSR-MW-16-GW	WSR-MW-16R-GW-18	WSR-MW-16R-GW-19	WSR-MW-16R-GW-20	WSR-MW-16R-GW-21	WSR-MW-DUP-GW-21	WSR-MW-16R-GW-22	WSR-MW-16R-GW-23	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			P11-4090	12:0472	12:0936	12:2364	12:3668	13:0353	131259	132490	133891	133926	152493	160970	P11-4106	P12-0069	12:0472	12:0906	12:0906	12:2364	12:3668	13:0353	131259	132490	133891	133926	152493	160970
Laboratory Sample ID			14083	12:0472-06	12:0936-02	12:2364-06	12:3668-05	130353-05	131259-05	132490-06	133891-05	133926-05	152493-03	160970-03	14149	12:0069-02	12:0472-07	12:0906-05	12:0906-06	12:2364-05	12:3668-04	130353-04	131259-04	132490-05	133891-04	133926-04	152493-05	160970-04
Sample Type	Units	TOGS																	Field Duplicate									
Volatile Organic Compounds																												
Acetone	µg/L	50[A]	***500 U***	***500 U***	***500 U***	***500 U***	***500 U***	10 U	10.0 U	10.0 U	-	13.6 J	10.0 U	10.0 U	50.0 U	25.0 U	***500 U***	***100 U***	***100 U***	***500 U***	***500 U***	***250 U***	***100 U***	***100 U***	-	***100 U***	***100 U***	***250 U***
Benzene	µg/L	1[B]	***35.0 U***	***35.0 U***	***35.0 U***	***35.0 U***	***35.0 U***	0.70 U	0.700 U	0.700 U	-	1 U	1.00 U	1.00 U	***3.50 U***	***1.75 U***	***35.0 U***	***7.00 U***	***7.00 U***	***35.0 U***	***35.0 U***	***18 U***	***7.00 U***	***7.00 U***	-	***10 U***	***10.0 U***	***25.0 U***
Bromobenzene	µg/L	5[B]	-	-	-	-	-	5.0 U	5.00 U	-	-	-	-	-	-	-	-	-	-	-	-	***130 U***	***50.0 U***	-	-	-	-	-
Bromodichloromethane	µg/L	50[A]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	5.00 U	***100 U***	20.0 U	20.0 U	***100 U***	***100 U***	50 U	20.0 U	20.0 U	-	20.0 U	20.0 U	50.0 U
Bromoform (Tribromomethane)	µg/L	50[A]	***250 U***	***250 U***	***250 U***	***250 U***	***250 U***	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	12.5 U	***250 U***	50.0 U	50.0 U	***250 U***	***250 U***	***130 U***	50.0 U	50.0 U	-	50.0 U	50.0 U	***125 U***
Bromomethane (Methyl bromide)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Butylbenzene, n-	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	***250 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	25.0 U	12.5 U	***100 U***	20.0 U	20.0 U	***100 U***	***100 U***	50 U	20.0 U	20.0 U	-	20.0 U	20.0 U	50.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Chlorobromomethane	µg/L	5[B]	***250 U***	***250 U***	***250 U***	***250 U***	-	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	-	***130 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***125 U***
Chloroethane (Ethyl Chloride)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	500 U	10 U	10.0 U	-	-	-	-	-	-	-	-	-	-	-	500 U	250 U	100 U	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Chloromethane	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Cyclohexane	µg/L	n/v	500 U	500 U	500 U	500 U	-	10 U	10.0 U	10.0 U	-	10.0 U	10.0 U	10.0 U	50.0 U	25.0 U	500 U	100 U	100 U	500 U	-	250 U	100 U	100 U	-	100 U	100 U	250 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	***500 U***	***500 U***	***500 U***	***500 U***	-	***10 U***	***10.0 U***	***10.0 U***	-	***10.0 U***	***10.0 U***	***10.0 U***	***50.0 U***	***25.0 U***	***500 U***	***100 U***	***100 U***	***500 U***	-	***250 U***	***100 U***	***100 U***	-	***100 U***	***100 U***	***250 U***
Dibromochloromethane	µg/L	50[A]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	5.00 U	***100 U***	20.0 U	20.0 U	***100 U***	***100 U***	50 U	20.0 U	20.0 U	-	20.0 U	20.0 U	50.0 U
Dichlorobenzene, 1,2-	µg/L	3[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichlorobenzene, 1,3-	µg/L	3[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichlorobenzene, 1,4-	µg/L	3[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloroethane, 1,1-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloroethane, 1,2-	µg/L	0.6[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloroethene, 1,1-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloroethene, cis-1,2-	µg/L	5[B]	**1790[B]**	**8600[B]**	**2770[B]**	**2720[B]**	**772[B]**	**8.3[B]**	**23.6[B]**	**9.39[B]**	-	2.89	**165[B]**	**118[B]**	**1150[B]**	**110[B]**	**3810[B]**	**2260[B]**	**2360[B]**	**2630[B]**	**1410[B]**	**1000[B]**	**841[B]**	**664[B]**	-	**77.7[B]**	**1520[B]**	**1610[B]**
Dichloroethene, trans-1,2-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	**24.3[B]**	4.89	-	**13.3[B]**	**8.33[B]**	2.43	**10.6[B]**	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	**36.0[B]**	***50.0 U***
Dichloropropane, 1,2-	µg/L	1[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloropropane, 1,3-	µg/L	5[B]	-	-	-	-	-	2.0 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-	-	***50 U***	***20.0 U***	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5[B]	-	-	-	-	-	2.0 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-	-	***50 U***	***20.0 U***	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	-	-	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dichloropropene, trans-1,3-	µg/L	0.4[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Dioxane, 1,4-	µg/L	n/v	-	-	-	-	-	20 U	20.0 U	20.0 U	-	R	20.0 U	20.0 U	-	-	-	-	-	-	-	500 U	200 U	200 U	-	R	200 U	500 U
Ethylbenzene	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	***100 U***	***100 U***	***100 U***	***100 U***	-	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	***250 U***	***250 U***	***250 U***	***250 U***	***250 U***	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	12.5 U	***250 U***	50.0 U	50.0 U	***250 U***	***250 U***	***130 U***	50.0 U	50.0 U	-	50.0 U	50.0 U	***125 U***
Isopropylbenzene	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Methyl Acetate	µg/L	n/v	100 U	100 U	100 U	100 U	-	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	5.00 U	100 U	20.0 U	20.0 U	100 U	-	50 U	20.0 U	20.0 U	-	20.0 U	20.0 U	50.0 U
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	***500 U***	***500 U***	***500 U***	***500 U***	***500 U***	33	10.0 U	10.0 U	-	9.98 J	10.0 U	10.0 U	50.0 U	25.0 U	***500 U***	***100 U***	***100 U***	***500 U***	***500 U***	***250 U***	***100 U***	***100 U***	-	***100 UJ***	***100 U***	***250 U***
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	250 U	250 U	250 U	250 U	250 U	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	12.5 U	250 U	50.0 U	50.0 U	250 U	250 U	130 U	50.0 U	50.0 U	-	50.0 U	50.0 U	125 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	***100 U***	***100 U***	***100 U***	***100 U***	-	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Methylcyclohexane	µg/L	n/v	100 U	100 U	100 U	100 U	-	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	5.00 U	100 U	20.0 U	20.0 U	100 U	-	50 U	20.0 U	20.0 U	-	20.0 U	20.0 U	50.0 U
Methylene Chloride (Dichloromethane)	µg/L	5[B]	***250 U***	***250 U***	***250 U***	***250 U***	***250 U***	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	***250 U***	***130 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***125 U***
Naphthalene	µg/L	10[B]	***250 U***	***250 U***	***250 U***	***250 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Styrene	µg/L	5[B]	***250 U***	***250 U***	***250 U***	***250 U***	***250 U***	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	***250 U***	***130 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***125 U***
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Tetrachloroethene (PCE)	µg/L	5[B]	**2390[B]**	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	**832[B]**	**299[B]**	***100 U***	**65.4[B]**	**64.4[B]**	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	**694[B]**	***50.0 U***
Toluene	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Trichlorobenzene, 1,2,3-	µg/L	5[B]	***250 U***	***250 U***	***250 U***	***250 U***	-	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	-	***130 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***125 U***
Trichlorobenzene, 1,2,4-	µg/L	5[B]	***250 U***	***250 U***	***250 U***	***250 U***	-	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	-	***130 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***125 U***
Trichloroethane, 1,1,1-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Trichloroethane, 1,1,2-	µg/L	1[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***5.00 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Trichloroethene (TCE)	µg/L	5[B]	**1140[B]**	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	**651[B]**	**57.1[B]**	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	**167[B]**	***20.0 U***	-	***20.0 U***	**350[B]**	***50.0 U***
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	-	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Trimethylbenzene, 1,2,4-	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5[B]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	250 U	-	-	-	-	-	-	-	-	-	-	-	-	-	250 U	-	-	-	-	-	-	-
Vinyl chloride	µg/L	2[B]	***100 U***	***100 U***	**183[B]**	**945[B]**	**879[B]**	**13[B]**	**81.8[B]**	**6.65[B]**	-	**3.52[B]**	**140[B]**	**135[B]**	**23.3[B]**	***5.00 U***	**717[B]**	**997[B]**	**1030[B]**	**1060[B]**	**790[B]**	**1100[B]**	**558[B]**	**1040[B]**	-	**33.1[B]**	**537[B]**	**961[B]**
Xylene, m & p-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Xylene, o-	µg/L	5[B]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***50.0 U***
Total VOC	µg/L	n/v	5320	8600	2953	3665	1651	54.3	129.7	20.93	-	43.29	313.33	255.43	2666.9	466.1	4527	3322.4	3454.4	3690	2200	2100	1566	1704	-	110.8	3137	2571
Miscellaneous Parameters																												
Arsenic	mg/L	0.025[B]	0.010 U	**0.048[B]**	0.013	0.024	-	-	**0.0432[B]**	-	-	-	-	-	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	-	-	0.0100 U	-	-	-	-	-
Iron	mg/L	0.3[B]	**3.42[B]**	**20.8[B]**	**2.35[B]**	**19.3[B]**	-	-	**16.9 L[B]**	-	-	-	-	-	**1.81[B]**	0.100 U	**0.381[B]**	**1.00[B]**	**1.05[B]**	**2.68[B]**	-	-	0.144 L	-	-	-	-	-
Manganese	mg/L	0.3[B]	0.294	0.117	0.155	0.109	-	-	0.218 L	-	-	-	-	-	0.068	0.015 U	0.072	0.287	0.242	0.109	-	-	0.146 L	-	-	-	-	-
Sodium	mg/L	20[B]	**1270[B]**	**1250[B]**	**407[B]**	**1280[B]**	**2290[B]**	**2000[B]**	**1160[B]**	-	-	-	-	-	**461[B]**	**675[B]**	**1070[B]**	**590[B]**	**598[B]**	**659[B]**	**758[B]**	**820[B]**	**340[B]**	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	5.2	122	8.5	8.9	20.5	750	144	92.0	41.0	-	15	10.8	4.3	4.4	5.7	3.9	5.7	4.2	16.2	230	49.6	42.0	11.0	-	3.9	10.3

See notes on last page.

Table 2
Summary of Volatile Organic Compounds in Groundwater – September 2011 to March 2016
WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW23														MW23R					
Sample Date			28-Sep-11	5-Jan-12	6-Feb-12	2-Mar-12	5-Jun-12	5-Jun-12	6-Sep-12	24-Jan-13	10-Apr-13	5-Jul-13	10-Oct-13	10-Oct-13	10-Oct-13	17-Jun-15	9-Mar-16	28-Sep-11	5-Jan-12	6-Feb-12	2-Mar-12	5-Jun-12	6-Sep-12
Sample ID			WSR-MW-23-GW-7	828-MW-23-GW-8	828-MW-23-GW-9	828-MW-23-GW-10	828-MW-23-GW-11	828-MW-DUP-GW-11	828-MW-23-GW-12	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW	828-MW-DUP-GW	828-MW-23-GW	828-MW-23-GW	WSR-MW-23R-GW-7	828-MW-23R-GW-8	828-MW-23R-GW-9	828-MW-23R-GW-10	828-MW-23R-GW-11	828-MW-23R-GW-12
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			P11-4106	P12-0069	12:0488	12:0936	12:2364	12:2364	12:3694	13:0365	131242	132505	133909	133925	133925	152493	160970	P11-4106	P12-0069	12:0488	12:0936	12:2364	12:3694
Laboratory Sample ID			14150	12:0069-06	12:0488-02	12:0936-05	12:2364-02	12:2364-03	12:3694-05	130365-05	131242-02	132505-03	133909-01	133925-02	133925-03	152493-02	160970-01	14151	12:0069-05	12:0488-03	12:0936-06	12:2364-04	12:3694-06
Sample Type	Units	TOGS						Field Duplicate							Field Duplicate								
Volatile Organic Compounds																							
Acetone	µg/L	50[A]	***100 U***	***500 U***	***500 U***	***500 U***	***1000 U***	***1000 U***	***1000 U***	***1000 U***	***100 U***	***100 U***	-	***100 U***	***100 U***	***100 U***	***250 U***	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	30.6
Benzene	µg/L	1[B]	***7.00 U***	***35.0 U***	***35.0 U***	***35.0 U***	***70.0 U***	***70.0 U***	***70.0 U***	***70 U***	***7.00 U***	***7.00 U***	-	***10 U***	***10 U***	***10.0 U***	***25.0 U***	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U
Bromobenzene	µg/L	5[B]	-	-	-	-	-	-	-	***500 U***	***50.0 U***	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[A]	20.0 U	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	20.0 U	20.0 U	-	20.0 U	20.0 U	20.0 U	50.0 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]	50.0 U	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	***500 U***	***500 U***	50.0 U	50.0 U	-	50.0 U	50.0 U	50.0 U	***125 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Butylbenzene, n-	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Butylbenzene, tert-	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Carbon Disulfide	µg/L	60[A]	50.0 U	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	20.0 U	20.0 U	-	20.0 U	20.0 U	20.0 U	50.0 U	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	µg/L	5[B]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	-	***500 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***50.0 U***	***125 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-
Chloroethane (Ethyl Chloride)	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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	-	-	-	-	-	-	1000 U	1000 U	100 U	-	-	-	-	-	-	-	-	-	-	-	10.0 U
Chloroform (Trichloromethane)	µg/L	7[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Cyclohexane	µg/L	n/v	100 U	500 U	500 U	500 U	1000 U	1000 U	-	1000 U	100 U	100 U	-	100 U	100 U	100 U	250 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]	***100 U***	***500 U***	***500 U***	***500 U***	***1000 U***	***1000 U***	-	***1000 U***	***100 U***	***100 U***	-	***100 U***	***100 U***	***100 U***	***250 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	-
Dibromochloromethane	µg/L	50[A]	20.0 U	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	20.0 U	20.0 U	-	20.0 U	20.0 U	20.0 U	50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Dichloroethane, 1,1-	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	**4130[B]**	**10900[B]**	**5120[B]**	**5240[B]**	**3940[B]**	**8900[B]**	**242[B]**	**862[B]**	-	**86.8 J[B]**	**142 J[B]**	**1040[B]**	**1110[B]**	**63.8[B]**	**82.4[B]**	**17.4[B]**	**13.1[B]**	**32.6[B]**	**5.30[B]**
Dichloroethene, trans-1,2-	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	-	-	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Dichloropropane, 1,3-	µg/L	5[B]	-	-	-	-	-	-	-	***200 U***	***20.0 U***	-	-	-	-	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5[B]	-	-	-	-	-	-	-	***200 U***	***20.0 U***	-	-	-	-	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[P][B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	-	-	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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	-	-	-	-	-	-	-	2000 U	200 U	200 U	-	R	R	200 U	500 U	-	-	-	-	-	-
Ethylbenzene	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	50.0 U	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	***500 U***	***500 U***	50.0 U	50.0 U	-	50.0 U	50.0 U	50.0 U	***125 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Isopropylbenzene	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-
Methyl Acetate	µg/L	n/v	20.0 U	100 U	100 U	100 U	200 U	200 U	-	200 U	20.0 U	20.0 U	-	20.0 U	20.0 U	20.0 U	50.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	***100 U***	***500 U***	***500 U***	***500 U***	***1000 U***	***1000 U***	***1000 U***	***1000 U***	***100 U***	***100 U***	-	***100 UJ***	***100 UJ***	***100 U***	***250 U***	10.0 U	10.0 U	11.9	10.0 U	10.0 U	10.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	50.0 U	250 U	250 U	250 U	500 U	500 U	500 U	500 U	50.0 U	50.0 U	-	50.0 U	50.0 U	50.0 U	125 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-
Methylcyclohexane	µg/L	n/v	20.0 U	100 U	100 U	100 U	200 U	200 U	-	200 U	20.0 U	20.0 U	-	20.0 U	20.0 U	20.0 U	50.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-
Methylene Chloride (Dichloromethane)	µg/L	5[B]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	***500 U***	***500 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***50.0 U***	***125 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Naphthalene	µg/L	10[B]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-
Propylbenzene, n-	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Styrene	µg/L	5[B]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	***500 U***	***500 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***50.0 U***	***125 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	**2240[B]**	**4010[B]**	**2500[B]**	**107[B]**	**1150[B]**	**1130[B]**	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	**663[B]**	**4810[B]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Toluene	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	-	***500 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***50.0 U***	***125 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-
Trichlorobenzene, 1,2,4-	µg/L	5[B]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	-	***500 U***	***50.0 U***	***50.0 U***	-	***50.0 U***	***50.0 U***	***50.0 U***	***125 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-
Trichloroethane, 1,1,1-	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	**36.4[B]**	***100 U***	**407[B]**	***100 U***	**562[B]**	**549[B]**	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	**251[B]**	**1060[B]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-
Trimethylbenzene, 1,2,4-	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Trimethylbenzene, 1,3,5-	µg/L	5[B]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	500 U	-	-	-	-	-	-	-	-	-	-	-	-	**5.95[B]**	5.00 U
Vinyl chloride	µg/L	2[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	**1090[B]**	**1130[B]**	**1110[B]**	**970[B]**	**154[B]**	**636[B]**	-	**241 J[B]**	**399 J[B]**	**73.3[B]**	***50.0 U***	**2.21[B]**	2.00 U	2.00 U	2.00 U	**3.46[B]**	2.00 U
Xylene, m & p-	µg/L	5[B]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 U***	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	***20.0 U***	***50.0 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	2276.4	4010	7037	11007	7922	8049	5050	9870	396	1498	-	327.8	541	2027.3	6980	66.01	82.4	29.3	13.1	38.55	39.36
Miscellaneous Parameters																							
Arsenic	mg/L	0.025[B]	0.010 U	0.010 U	0.018	0.014	0.021	0.021	-	-	0.0217	-	-	-	-	-	-	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	-
Iron	mg/L	0.3[B]	0.100 U	**111[B]**	**23.3[B]**	**12.5[B]**	**15.7[B]**	**15.5[B]**	-	-	**13.2 L[B]**	-	-	-	-	-	-	**0.819[B]**	**3.04[B]**	**7.52[B]**	**3.08[B]**	**4.21[B]**	-
Manganese	mg/L	0.3[B]	0.226	**4.07[B]**	0.161	**0.523[B]**	0.165	0.189	-	-	**0.445 L[B]**	-	-	-	-	-	-	0.040	0.129	0.053	0.081 M	0.034	-
Sodium	mg/L	20[B]	**1450[B]**	**1660[B]**	**1090[B]**	**1090[B]**	**1130[B]**	**1150[B]**	**1120[B]**	**1300[B]**	**1000[B]**	-	-	-	-	-	-	**417[B]**	**392[B]**	**751[B]**	**766[B]**	**458[B]**	**568[B]**
Total Organic Carbon	mg/L	n/v	3.7	1880	118	68.4	6.0	6.0	64.3	560	165	23.0	8.50	-	-	3.5	9.17 J	3.6	38.4	33.0	31.1	4.0	58.6

See notes on last page.

Table 2
Summary of Volatile Organic Compounds in Groundwater – September 2011 to March 2016
WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW23R							MW105												MW207R					
Sample Date			24-Jan-13	10-Apr-13	5-Jul-13	10-Oct-13	10-Oct-13	17-Jun-15	9-Mar-16	28-Sep-11	4-Jan-12	2-Feb-12	29-Feb-12	4-Jun-12	4-Sep-12	22-Jan-13	11-Apr-13	2-Jul-13	8-Oct-13	8-Oct-13	18-Jun-15	10-Mar-16	27-Sep-11	27-Sep-11	6-Feb-12	2-Mar-12	6-Jun-12	6-Sep-12
Sample ID			828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW	WSR-MW-105-GW-12	WSR-MW-105-GW-13	WSR-MW-105-GW-14	WSR-MW-105-GW-15	WSR-MW-105-GW-16	WSR-MW-105-GW-17	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-105-GW	WSR-MW-207R-GW-12	WSR-MW-Dup-GW-13	WSR-MW-207R-GW-13	WSR-MW-207R-GW-14	WSR-MW-207R-GW-15	WSR-MW-207R-GW-16
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			13:0365	131242	132505	133909	133925	152493	160970	P11-4106	P12-0041	12:0443	12:0868	12:2335	12:3644	130329-05	131259	132471	133887	133927	152493	160970	P11-4089	P11-4089	12:0488	12:0936	12:2392	12:3694
Laboratory Sample ID			130365-04	131242-03	132505-02	133909-02	133925-04	152493-01	160970-02	14152	12:0041-02	12:0443-02	12:0868-02	12:2335-05	12:3644-02	130329-05	131259-02	132471-02	133887-01	133927-02	152493-07	160970-06	14074	14075	12:0488-04	12:0936-03	12:2392-03	12:3694-02
Sample Type	Units	TOGS																					Field Duplicate				
Volatile Organic Compounds																												
Acetone	µg/L	50[A]	10 U	10.0 U	11.1	-	18.3 J	10.0 U	10.0 U	50.0 U	50.0 U	35.4 B	20.0 U	10.0 U	20.0 U	50 U	32.8	10.0 U	-	10.0 U	10.0 U	10.0 U	50.0 U	50.0 U	***100 U***	***100 U***	50.0 U	50.0 U
Benzene	µg/L	1[B]	0.70 U	0.700 U	0.700 U	-	1 U	1.00 U	1.00 U	***3.50 U***	***3.50 U***	***1.75 U***	***1.40 U***	0.700 U	***1.40 U***	***3.5 U***	0.700 U	0.700 U	-	1 U	1.00 U	1.00 U	***3.50 U***	***3.50 U***	***7.00 U***	***7.00 U***	***3.50 U***	***3.50 U***
Bromobenzene	µg/L	5[B]	5.0 U	5.00 U	-	-	-	-	-	-	-	-	-	-	-	***25 U***	5.00 U	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[A]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	5.00 U	4.00 U	2.00 U	4.00 U	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	20.0 U	20.0 U	10.0 U	10.0 U
Bromoform (Tribromomethane)	µg/L	50[A]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	12.5 U	10.0 U	5.00 U	10.0 U	25 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	50.0 U	50.0 U	25.0 U	25.0 U
Bromomethane (Methyl bromide)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Butylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Butylbenzene, tert-	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Carbon Disulfide	µg/L	60[A]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	25.0 U	25.0 U	12.5 U	4.00 U	2.00 U	4.00 U	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	25.0 U	25.0 U	20.0 U	20.0 U	10.0 U	10.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Chlorobromomethane	µg/L	5[B]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***12.5 U***	***10.0 U***	5.00 U	-	***25 U***	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	-
Chloroethane (Ethyl Chloride)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	10 U	10.0 U	-	-	-	-	-	-	-	-	-	-	20.0 U	50 U	10.0 U	-	-	-	-	-	-	-	-	-	-	50.0 U
Chloroform (Trichloromethane)	µg/L	7[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Chloromethane	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Cyclohexane	µg/L	n/v	10 U	10.0 U	10.0 U	-	10.0 U	10.0 U	10.0 U	50.0 U	50.0 U	25.0 U	20.0 U	10.0 U	-	50 U	10.0 U	10.0 U	-	10.0 U	10.0 U	10.0 U	50.0 U	50.0 U	100 U	100 U	50.0 U	-
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	***10 U***	***10.0 U***	***10.0 U***	-	***10.0 U***	***10.0 U***	***10.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	***20.0 U***	***10.0 U***	-	***50 U***	***10.0 U***	***10.0 U***	-	***10.0 U***	***10.0 U***	***10.0 U***	***50.0 U***	***50.0 U***	***100 U***	***100 U***	***50.0 U***	-
Dibromochloromethane	µg/L	50[A]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	5.00 U	4.00 U	2.00 U	4.00 U	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	20.0 U	20.0 U	10.0 U	10.0 U
Dichlorobenzene, 1,2-	µg/L	3[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	2.00 U	***4.00 U***	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichlorobenzene, 1,3-	µg/L	3[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	2.00 U	***4.00 U***	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichlorobenzene, 1,4-	µg/L	3[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	2.00 U	***4.00 U***	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Dichloroethane, 1,1-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichloroethane, 1,2-	µg/L	0.6[B]	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	***4.00 U***	***10 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichloroethene, 1,1-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichloroethene, cis-1,2-	µg/L	5[B]	**5.8[B]**	**5.83[B]**	4.81	-	**9.16[B]**	1.46 J	1.86 J	**480[B]**	**179[B]**	**220[B]**	**155[B]**	**81.9[B]**	**145[B]**	**210[B]**	**159[B]**	**83.6[B]**	-	**151[B]**	**111[B]**	**129[B]**	**908[B]**	**913[B]**	**1330[B]**	**1480[B]**	**432[B]**	**98.4[B]**
Dichloroethene, trans-1,2-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	**358[B]**	**134[B]**	**183[B]**	**120[B]**	**59.0[B]**	**115[B]**	**120[B]**	**83.6[B]**	**86.4[B]**	-	**196[B]**	**130[B]**	**115[B]**	**22.7[B]**	**22.3[B]**	***20.0 U***	***20.0 U***	**13.9[B]**	**26.0[B]**
Dichloropropane, 1,2-	µg/L	1[B]	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	***4.00 U***	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichloropropane, 1,3-	µg/L	5[B]	2.0 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-	***10 U***	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5[B]	2.0 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-	***10 U***	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[B]p	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	***4.00 U***	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dichloropropene, trans-1,3-	µg/L	0.4[B]p	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	***4.00 U***	***10 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Dioxane, 1,4-	µg/L	n/v	20 U	20.0 U	20.0 U	-	R	20.0 U	20.0 U	-	-	-	-	-	-	100 U	20.0 U	20.0 U	-	R	20.0 U	20.0 U	-	-	-	-	-	-
Ethylbenzene	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	-	***10 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	12.5 U	10.0 U	5.00 U	10.0 U	25 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	50.0 U	50.0 U	25.0 U	25.0 U
Isopropylbenzene	µg/L	5[B]	-	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	-	-	-	-	-	-	-	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Methyl Acetate	µg/L	n/v	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	5.00 U	4.00 U	2.00 U	-	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	20.0 U	20.0 U	10.0 U	-
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	**130[A]**	**80.7[A]**	**76.9[A]**	-	**107 J[A]**	10.0 U	10.0 U	50.0 U	50.0 U	25.0 U	20.0 U	10.0 U	20.0 U	**110[A]**	32.2	10.0 U	-	10.0 UJ	10.0 U	10.0 U	50.0 U	50.0 U	***100 U***	***100 U***	50.0 U	50.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	12.5 U	10.0 U	5.00 U	10.0 U	25 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	25.0 U	25.0 U	50.0 U	50.0 U	25.0 U	25.0 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	5.00 U	4.00 U	2.00 U	-	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	***20.0 U***	***20.0 U***	10.0 U	-
Methylcyclohexane	µg/L	n/v	2.0 U	2.00 U	2.00 U	-	2.00 U	1.59 J	1.37 J	10.0 U	10.0 U	5.00 U	4.00 U	2.00 U	-	10 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	10.0 U	10.0 U	20.0 U	20.0 U	10.0 U	-
Methylene Chloride (Dichloromethane)	µg/L	5[B]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***12.5 U***	***10.0 U***	5.00 U	***10.0 U***	***25 U***	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	***25.0 U***
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	10.0 U	5.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	-
Propylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Styrene	µg/L	5[B]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***12.5 U***	***10.0 U***	5.00 U	***10.0 U***	***25 U***	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	***25.0 U***
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Tetrachloroethene (PCE)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	**6.71[B]**	4.92	**5.21[B]**	**5.59[B]**	***10 U***	2.00 U	2.00 U	-	2.00 U	1.38 J	2.36	**132[B]**	**130[B]**	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Toluene	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Trichlorobenzene, 1,2,3-	µg/L	5[B]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***12.5 U***	***10.0 U***	5.00 U	-	***25 U***	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	-
Trichlorobenzene, 1,2,4-	µg/L	5[B]	5.0 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***12.5 U***	***10.0 U***	5.00 U	-	***25 U***	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	-
Trichloroethane, 1,1,1-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Trichloroethane, 1,1,2-	µg/L	1[B]	***2.0 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	***2.00 U***	***4.00 U***	***10 U***	***2.00 U***	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Trichloroethene (TCE)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	**431[B]**	**221[B]**	**264[B]**	**200[B]**	**139[B]**	**229[B]**	**230[B]**	**13.9[B]**	**20.3[B]**	-	**16.8[B]**	**9.94[B]**	**10.1[B]**	**182[B]**	**184[B]**	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	-	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Trimethylbenzene, 1,2,4-	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Trimethylbenzene, 1,3,5-	µg/L	5[B]	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-	-	-	-	-	-	-	-	-	-	25.0 U
Vinyl chloride	µg/L	2[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	2.00 U	***4.00 U***	***10 U***	**23.6[B]**	**18.8[B]**	-	**78.3[B]**	**48.5[B]**	**55.5[B]**	**203[B]**	**213[B]**	**1010[B]**	**936[B]**	**627[B]**	**184[B]**
Xylene, m & p-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Xylene, o-	µg/L	5[B]	2.0 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	4.00 U	***10 U***	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***
Total VOC	µg/L	n/v	135.8	86.53	92.81	-	134.46	3.05	3.23	1269	534	709.11	479.92	285.11	494.59	670	345.1	209.1	-	442.1	300.82	311.96	1447.7	1462.3	2340	2416	1072.9	308.4
Miscellaneous Parameters																												
Arsenic	mg/L	0.025[B]	-	0.0100 U	-	-	-	-	-	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	-	-	0.0194	-	-	-	-	-	-	-	0.010 U	0.014	0.010 U	-
Iron	mg/L	0.3[B]	-	**3.08 L[B]**	-	-	-	-	-	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	**3.91 L[B]**	-	-	-	-	-	-	-	0.100 U	0.100 U	0.100 U	-
Manganese	mg/L	0.3[B]	-	0.0702 L	-	-	-	-	-	0.092	0.021	0.033	0.041	0.015 U	-	-	0.0860 L	-	-	-	-	-	-	-	0.045	0.145	0.057	-
Sodium	mg/L	20[B]	**1200[B]**	**529[B]**	-	-	-	-	-	**318[B]**	**346[B]**	**352[B]**	**342[B]**	**356[B]**	**361[B]**	**1100[B]**	**302[B]**	-	-	-	-	-	-	-	**543[B]**	**439[B]**	**538[B]**	**531[B]**
Total Organic Carbon	mg/L	n/v	670	368	86.0	175	-	6.8	12.0	3.2	3	3.2	2.9	3.3	3.2	1200	164	12.0	4.70	-	2.5	6.14	-	-	18.5	8.7	9.4	1.7

See notes on last page.

Table 2
Summary of Volatile Organic Compounds in Groundwater – September 2011 to March 2016
WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW207R							Trip Blank															
Sample Date			24-Jan-13	12-Apr-13	5-Jul-13	10-Oct-13	10-Oct-13	18-Jun-15	10-Mar-16	4-Jan-12	5-Jan-12	2-Feb-12	3-Feb-12	6-Feb-12	29-Feb-12	1-Mar-12	2-Mar-12	4-Jun-12	5-Jun-12	6-Jun-12	4-Sep-12	5-Sep-12	6-Sep-12	22-Jan-13	23-Jan-13	24-Jan-13	10-Apr-13
Sample ID			WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			13:0365	131283	132505	133909	133925	152493	160970	P12-0041	P12-0069	12:0443	12:0472	12:0488	12:0868	12:0906	12:0936	12:2335	12:2364	12:2392	12:3644	12:3668	12:3694	13:0329	13:0353	13:0365	131242
Laboratory Sample ID			130365-02	131283-04	132505-04	133909-04	133925-06	152493-06	160970-05	12:0041-01	12:0069-01	12:0443-01	12:0472-01	12:0488-01	12:0868-01	12:0906-01	12:0936-01	12:2335-01	12:2364-01	12:2392-01	12:3644-01	12:3668-01	12:3694-01	130329-01	130353-01	130365-01	131242-01
Sample Type	Units	TOGS								Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Volatile Organic Compounds																											
Acetone	µg/L	50[A]	50 U	50.0 U	***200 U***	-	***200 U***	***200 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	28.1 B	10.0 U	10.0 U	10 U	10 U	10 U	13.3
Benzene	µg/L	1[B]	***3.5 U***	***3.50 U***	***14.0 U***	-	***20 U***	***20.0 U***	***10.0 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	0.700 U	0.700 U	0.700 U	0.70 U	0.70 U	0.70 U	0.700 U
Bromobenzene	µg/L	5[B]	***25 U***	***25.0 U***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[A]	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Bromoform (Tribromomethane)	µg/L	50[A]	25 U	25.0 U	***100 U***	-	***100 U***	***100 U***	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Butylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 U	5.00 U	5.00 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	2.0 U	2.0 U	2.0 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Chlorobromomethane	µg/L	5[B]	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	-	-	5.0 U	5.0 U	5.0 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	50 U	50.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Chloromethane	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Cyclohexane	µg/L	n/v	50 U	50.0 U	200 U	-	200 U	200 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	-	-	-	10 U	10 U	10 U	10.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	***50 U***	***50.0 U***	***200 U***	-	***200 U***	***200 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***	-	-	-	***10 U***	***10 U***	***10 U***	***10.0 U***
Dibromochloromethane	µg/L	50[A]	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	3[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	3[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	3[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	5.00 U	5.00 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Dichloroethane, 1,1-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichloroethane, 1,2-	µg/L	0.6[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Dichloroethene, 1,1-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	5[B]	**500[B]**	**250[B]**	**193[B]**	-	***40.0 U***	**537[B]**	**690[B]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 U	2.00 U
Dichloroethene, trans-1,2-	µg/L	5[B]	**24[B]**	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	**14.7 J[B]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 U	2.00 U
Dichloropropane, 1,2-	µg/L	1[B]	-	-	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Dichloropropane, 1,3-	µg/L	5[B]	***10 U***	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5[B]	***10 U***	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[B]	-	-	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Dichloropropene, trans-1,3-	µg/L	0.4[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Dioxane, 1,4-	µg/L	n/v	100 U	100 U	400 U	-	R	400 U	200 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20 U	20 U	20 U	20.0 U
Ethylbenzene	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	-	-	-	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	25 U	25.0 U	***100 U***	-	***100 U***	***100 U***	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U
Isopropylbenzene	µg/L	5[B]	-	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	5.00 U	5.00 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	-	-	-	-	-	-	-	2.00 U	2.00 U	2.00 U	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 Acetate	µg/L	n/v	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Methyl Ethyl Ketone (MEK)	µg/L	50[A]	**140[A]**	**61.0[A]**	***200 U***	-	***200 UJ***	***200 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	10.0 U	10.0 U	10.0 U	10 U	10 U	10 U	10.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	25 U	25.0 U	100 U	-	100 U	100 U	50.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	10 U	10.0 U	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Methylcyclohexane	µg/L	n/v	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5[B]	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Styrene	µg/L	5[B]	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Tetrachloroethene (PCE)	µg/L	5[B]	**19[B]**	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Toluene	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5[B]	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	-	-	5.0 U	5.0 U	5.0 U	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5[B]	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	-	-	5.0 U	5.0 U	5.0 U	5.00 U
Trichloroethane, 1,1,1-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	1[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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***	***2.0 U***	***2.0 U***	***2.0 U***	***2.00 U***
Trichloroethene (TCE)	µg/L	5[B]	**55[B]**	***10.0 U***	***40.0 U***	-	***40.0 U***	**20.5 J[B]**	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5[B]	-	-	-	-	-	-	-	5.00 U	5.00 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	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.00 U	5.00 U	5.00 U	-	-	-	-
Vinyl chloride	µg/L	2[B]	**1000[B]**	**327[B]**	**1850[B]**	-	**451[B]**	**829[B]**	**582[B]**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 U	2.00 U
Xylene, m & p-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Xylene, o-	µg/L	5[B]	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 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	2.0 U	2.0 U	2.0 U	2.00 U
Total VOC	µg/L	n/v	1738	638	2043	-	451	1386.5	1286.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.1	ND	ND	ND	ND	ND	13.3
Miscellaneous Parameters																											
Arsenic	mg/L	0.025[B]	-	0.0100 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.3[B]	-	0.100 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3[B]	-	0.0207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	mg/L	20[B]	**840[B]**	**493[B]**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	530	131	28.0	18.4	-	4.1	11.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 2
Summary of Volatile Organic Compounds in Groundwater – September 2011 to March 2016
WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			Trip Blank									
Sample Date			11-Apr-13	12-Apr-13	2-Jul-13	3-Jul-13	5-Jul-13	8-Oct-13	9-Oct-13	10-Oct-13	17-Jun-15	9-Mar-16
Sample ID			Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	TRIP-06172015, T-633	Trip Blank (T-693)
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			131259	131283	132471	132490	132505	133927	133926	133925	152493	160970
Laboratory Sample ID			131259-01	131283-01	132471-01	132490-01	132505-01	133927-01	133926-01	133925-01	152493-04	160970-07
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												
Acetone	µg/L	50[A]	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
Benzene	µg/L	1[B]	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U	1 U	1 U	1 U	1.00 U	1.00 U
Bromobenzene	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[A]	2.00 U	2.00 U	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]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5[..B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Butylbenzene, n-	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5[..B]	2.00 U	2.00 U	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]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	5[..B]	2.00 U	2.00 U	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	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]	***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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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	5[..B]	2.00 U	2.00 U	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]	***2.00 U***	***2.00 U***	***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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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, trans-1,2-	µg/L	5[..B]	2.00 U	2.00 U	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]	***2.00 U***	***2.00 U***	***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, 1,3-	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5[..B]	-	-	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[p,B]	***2.00 U***	***2.00 U***	***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]	***2.00 U***	***2.00 U***	***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	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	R	R	R	20.0 U	20.0 U
Ethylbenzene	µg/L	5[..B]	2.00 U	2.00 U	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]	***2.00 U***	***2.00 U***	***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]	5.00 U	5.00 U	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]	2.00 U	2.00 U	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	2.00 U	2.00 U	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]	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 UJ	10.0 U	10.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylcyclohexane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5[..B]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 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	5.00 U	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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Toluene	µg/L	5[..B]	2.00 U	2.00 U	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]	5.00 U	5.00 U	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]	5.00 U	5.00 U	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]	2.00 U	2.00 U	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]	***2.00 U***	***2.00 U***	***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]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5[..B]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, m & p-	µg/L	5[..B]	2.00 U	2.00 U	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]	2.00 U	2.00 U	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	ND	ND	0	0	0	ND	ND	ND	ND	ND
Miscellaneous Parameters												
Arsenic	mg/L	0.025[B]	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.3.[B]	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3.[B]	-	-	-	-	-	-	-	-	-	-
Sodium	mg/L	20[B]	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-

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); Guida
[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); Stand
6.5[A]	Concentration exceeds the indicated standard.
15.2	Measured concentration did not exceed the indicated standard.
0.50 U	Laboratory reporting limit was greater than the applicable standard.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
[*]	The standard for Iron and Manganese is 500 ug/L, which applies to the sum of these substances. As individual standards, the standard is 300 ug/L.
[..]	The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in the TOGS table) applies to this substance.
[p]	Applies to the sum of cis- and trans-1,3-dichloropropene.
B	Indicates analyte was found in associated blank, as well as in the sample.
J	The reported result is an estimated value.
L	Detection limit adjustment for sample matrix effects.
M	Denotes matrix spike recoveries outside QC limits. Matrix bias indicated.
UJ	Indicates estimated non-detect.

MW-9R
MW-213
MW-215
MW-20
MW-214
MW-9
MW-218
MW-216
MW-217
MW-219
MW-19
MW-32
GQ8/MW5
GQ1/MW1
MW-106
GQ2/MW2
MW-107
MW-46
MW-46R
Sub-Slab Depressurization System Piping
MW-200
MW-201
MW-105
MW-203
MW-200R
GQ3/MW3
MW-203R
Manifold
MPVE Unit (50HP)
Treatment Unit
MW-45
GQ4/MW4
MW-47
MW-202
MW-204R
MW-204
MW-205
MW-212
MW-22
MW-212R
MW-15
MW-14
MW-22R
MW-101
MW-205R
MW-208R
MW-210R
MW-210
MW-206R
MW-207R
MW-207
MW-208
MW-209
MW-211R
MW-211
MW-16
MW-16R
MW-18
MW-23R
MW-23

Legend

Monitoring and Extraction Wells

Well Type

- Extraction Well
- Monitoring Well
- As-Built Trenching Limits
- Existing MPVE System
- 8-28 Ward Street Site Property Line
- Ward Street Site Property Line

Geographic Information Systems

Cartographic Design By: Andrew Less

U:\1405205\docs\ERD\Figures

Stantec Consulting
61 Commercial Street
Rochester, NY 14614
Phone 585.475.1440 Fax 585.272.1814
www.stantec.com

0 5 10 20 30 40 Feet

1 inch = 30 feet

Figure 1 - Well Locations

Ward Street Site
Rochester, NY

FIGURE 3-1: Dissolved-Phase VOC Concentrations versus Time - MW-16

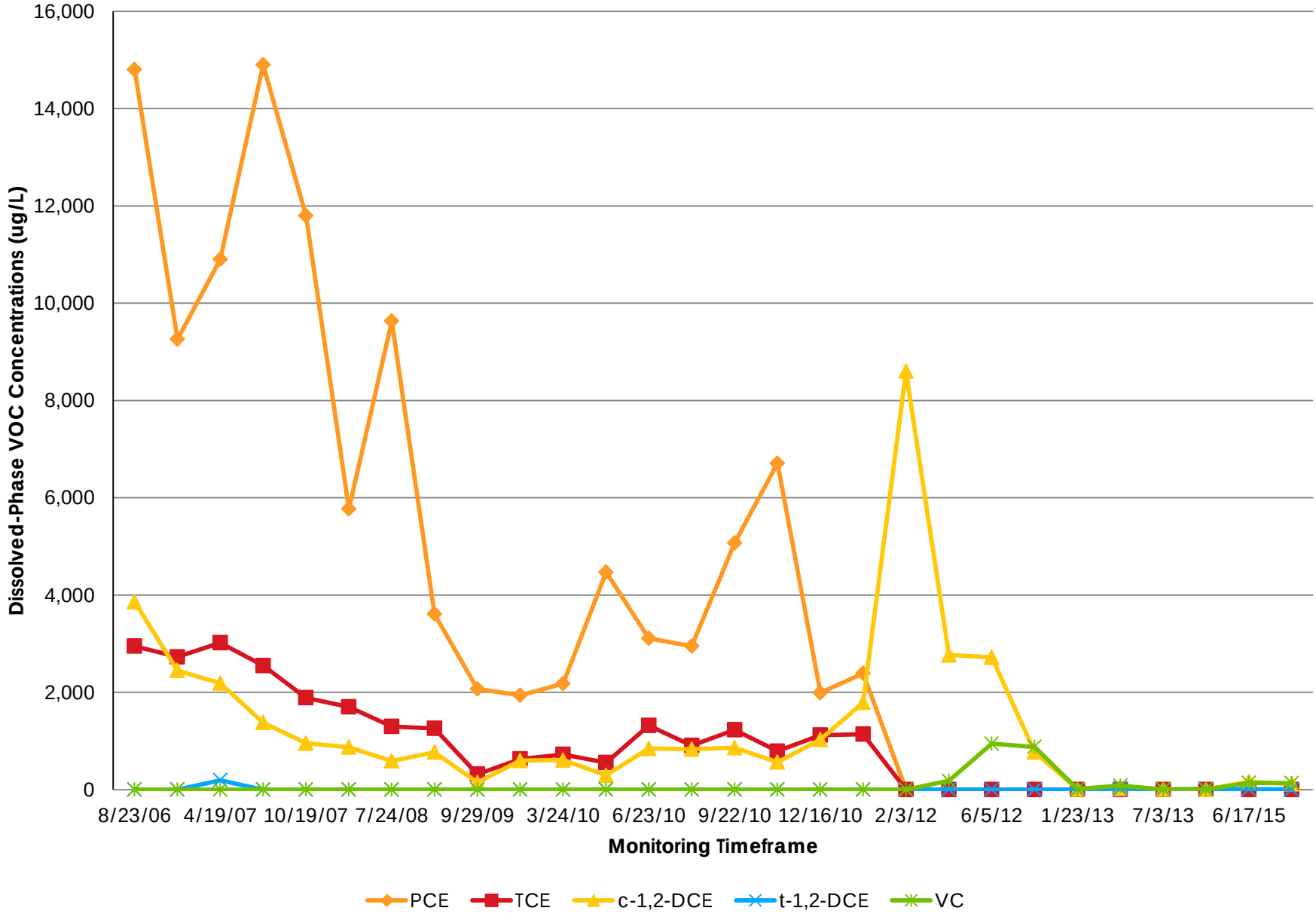


FIGURE 3-2: Dissolved-Phase VOC Concentrations versus Time - MW-16R

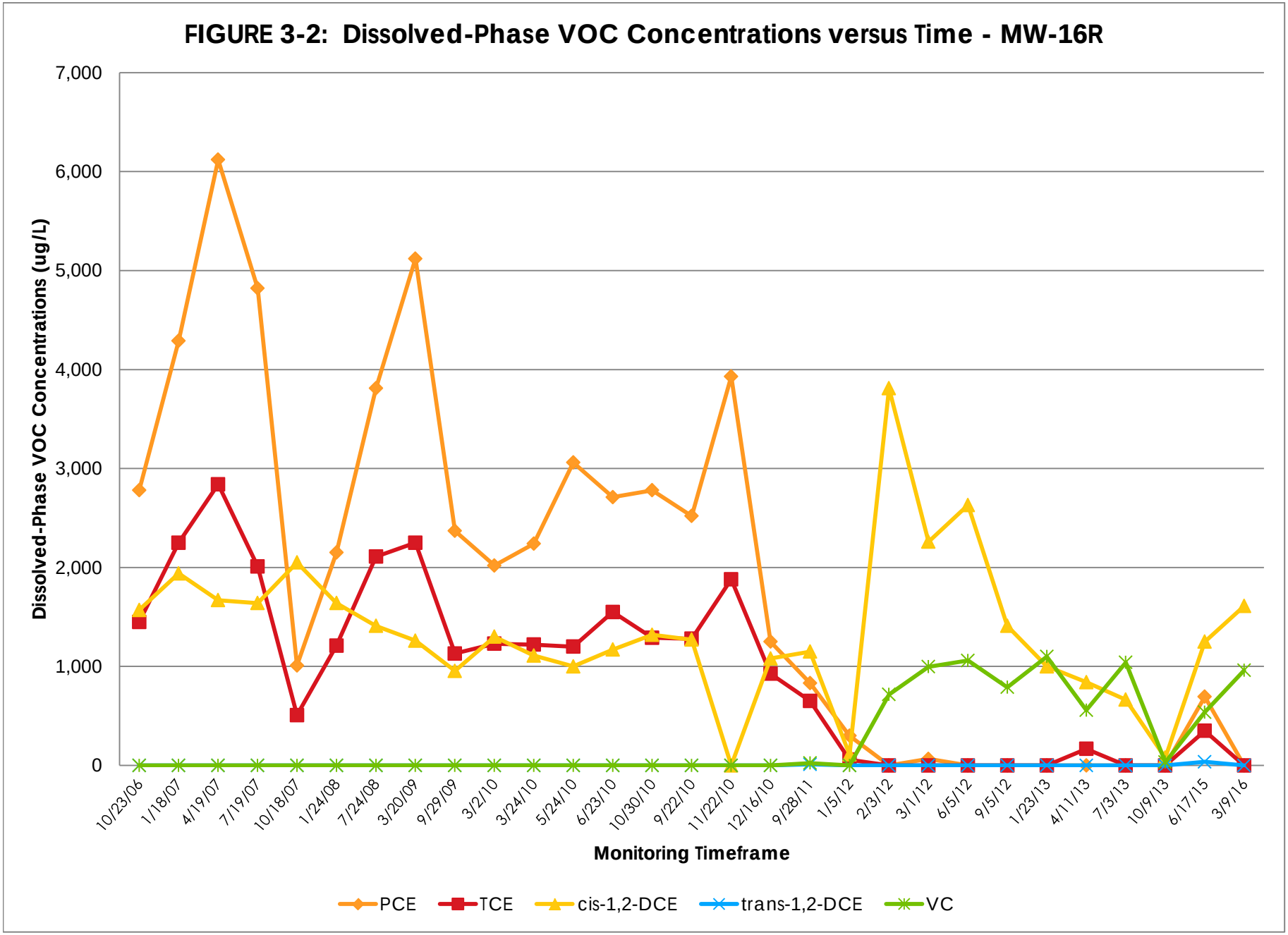


FIGURE 3-5: Dissolved-Phase VOC Concentrations versus Time - MW-23

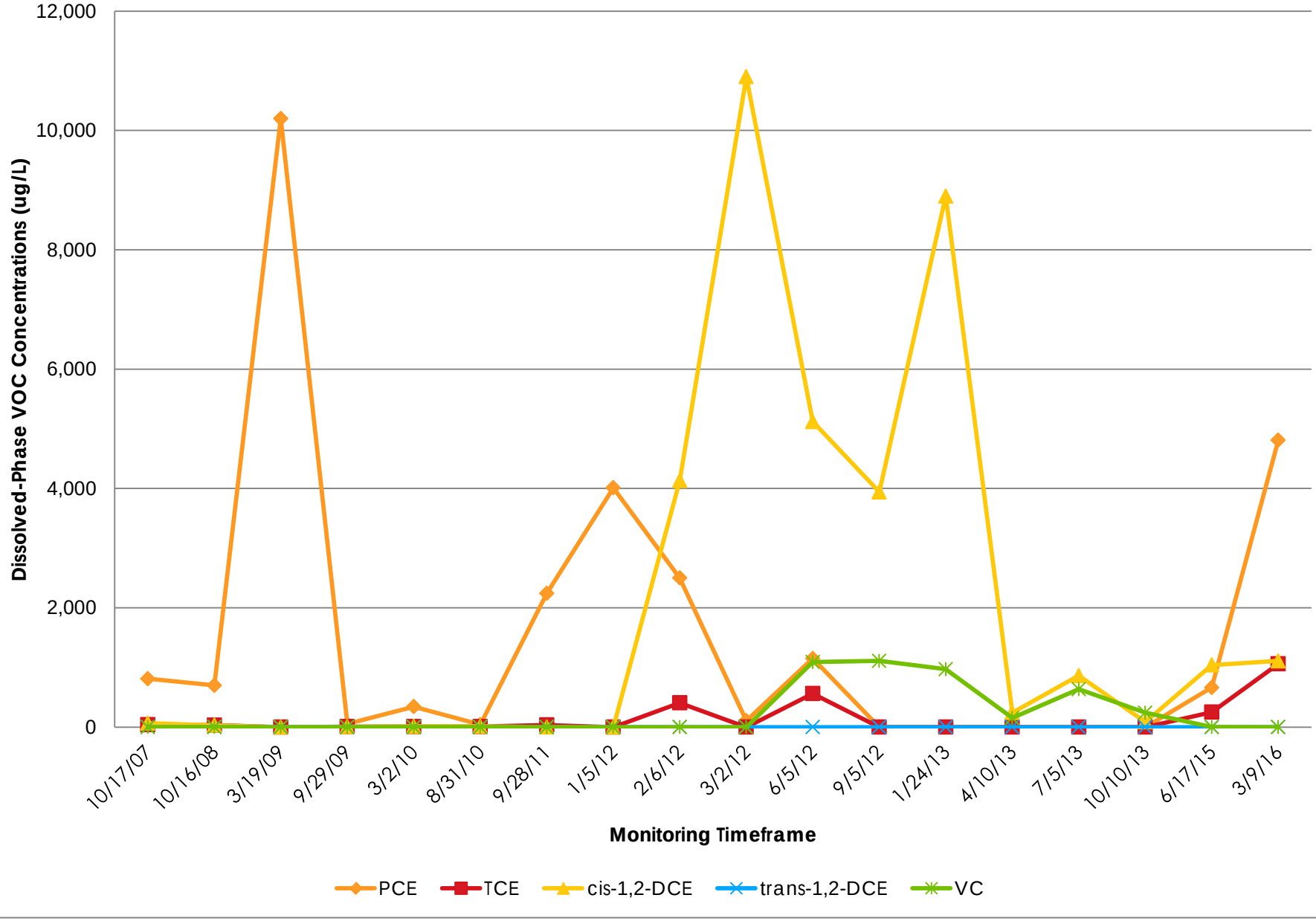


FIGURE 3-6: Dissolved-Phase VOC Concentrations versus Time - MW-23R

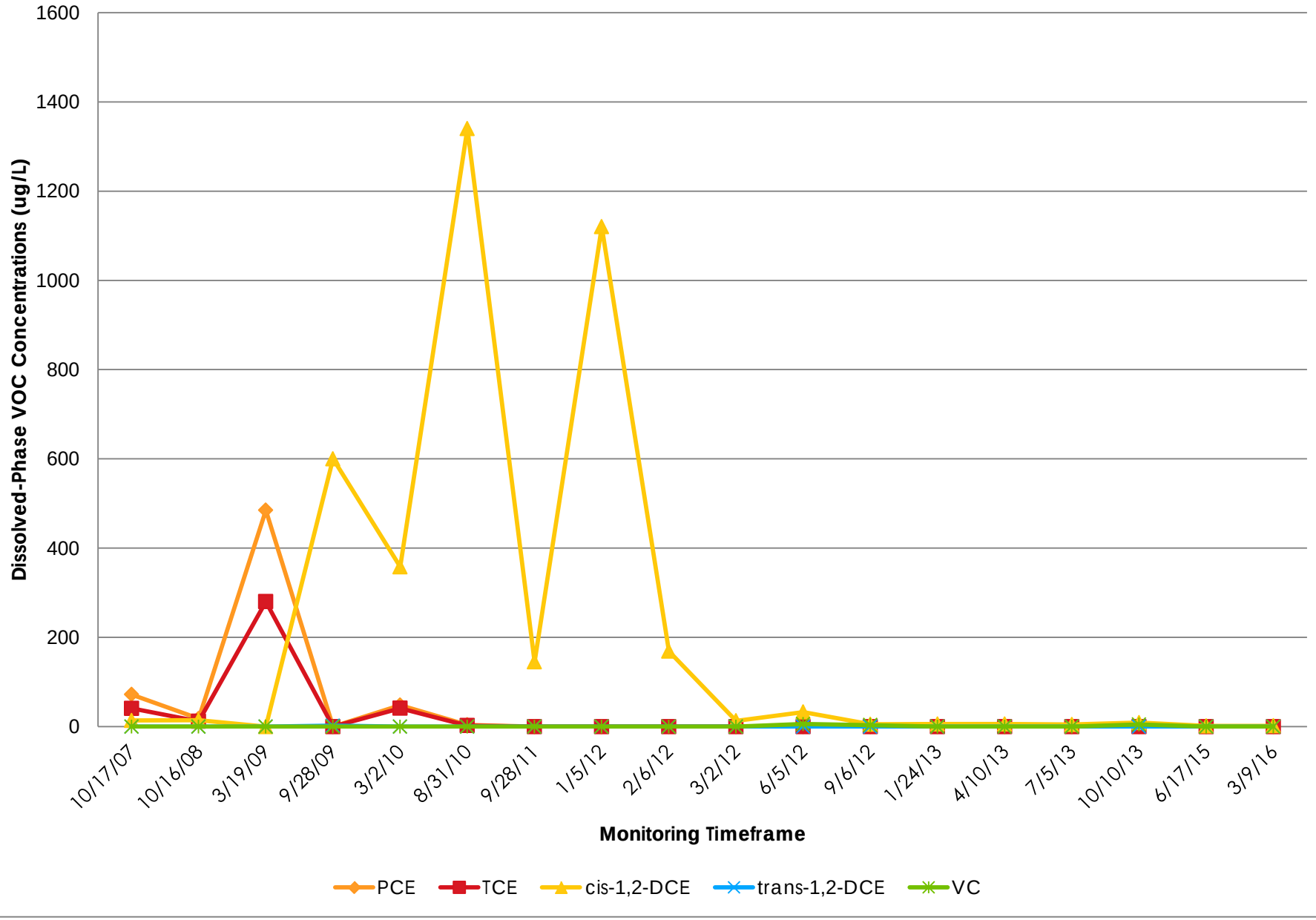


FIGURE 3-7: Dissolved-Phase VOC Concentrations versus Time - MW-105

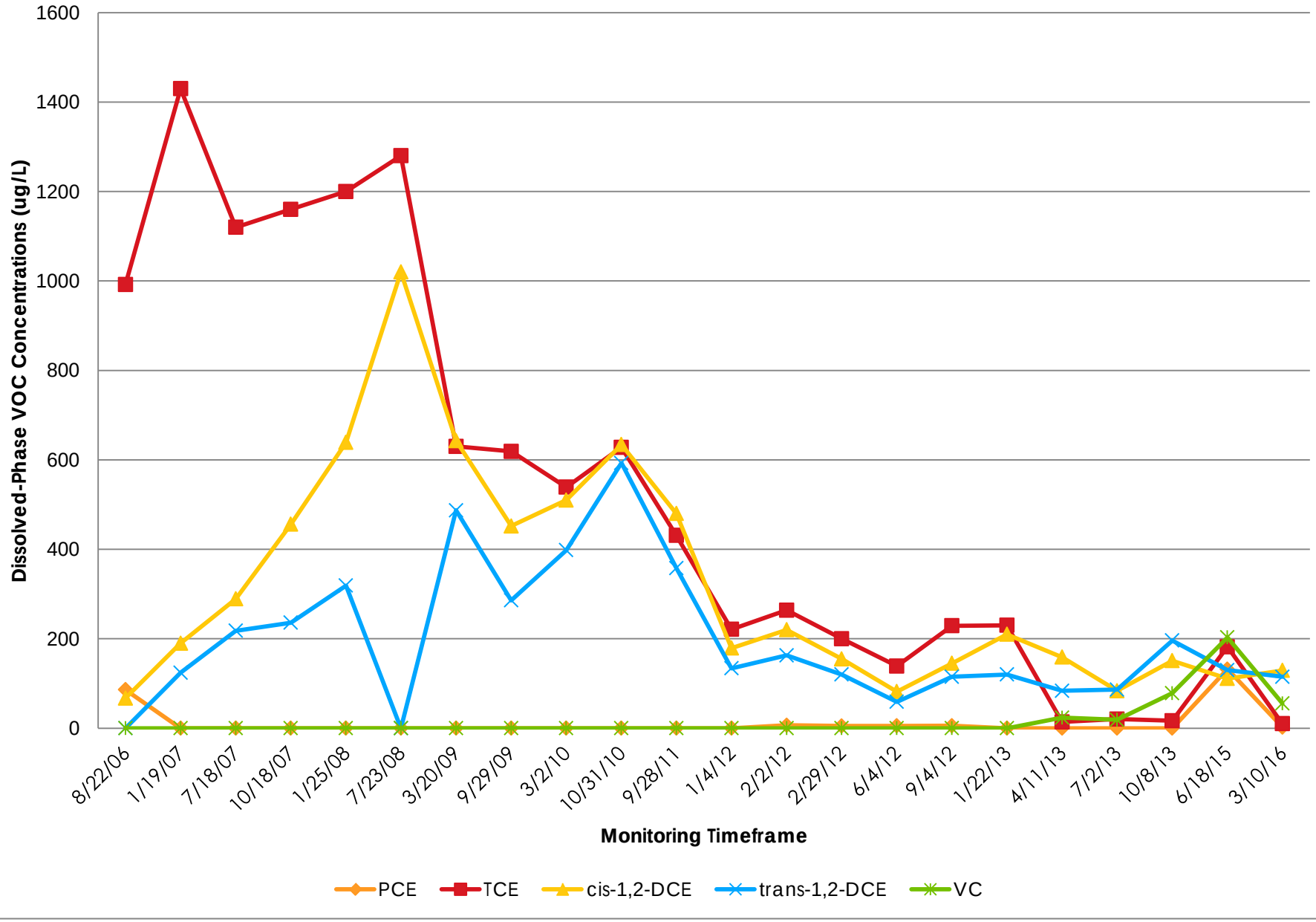
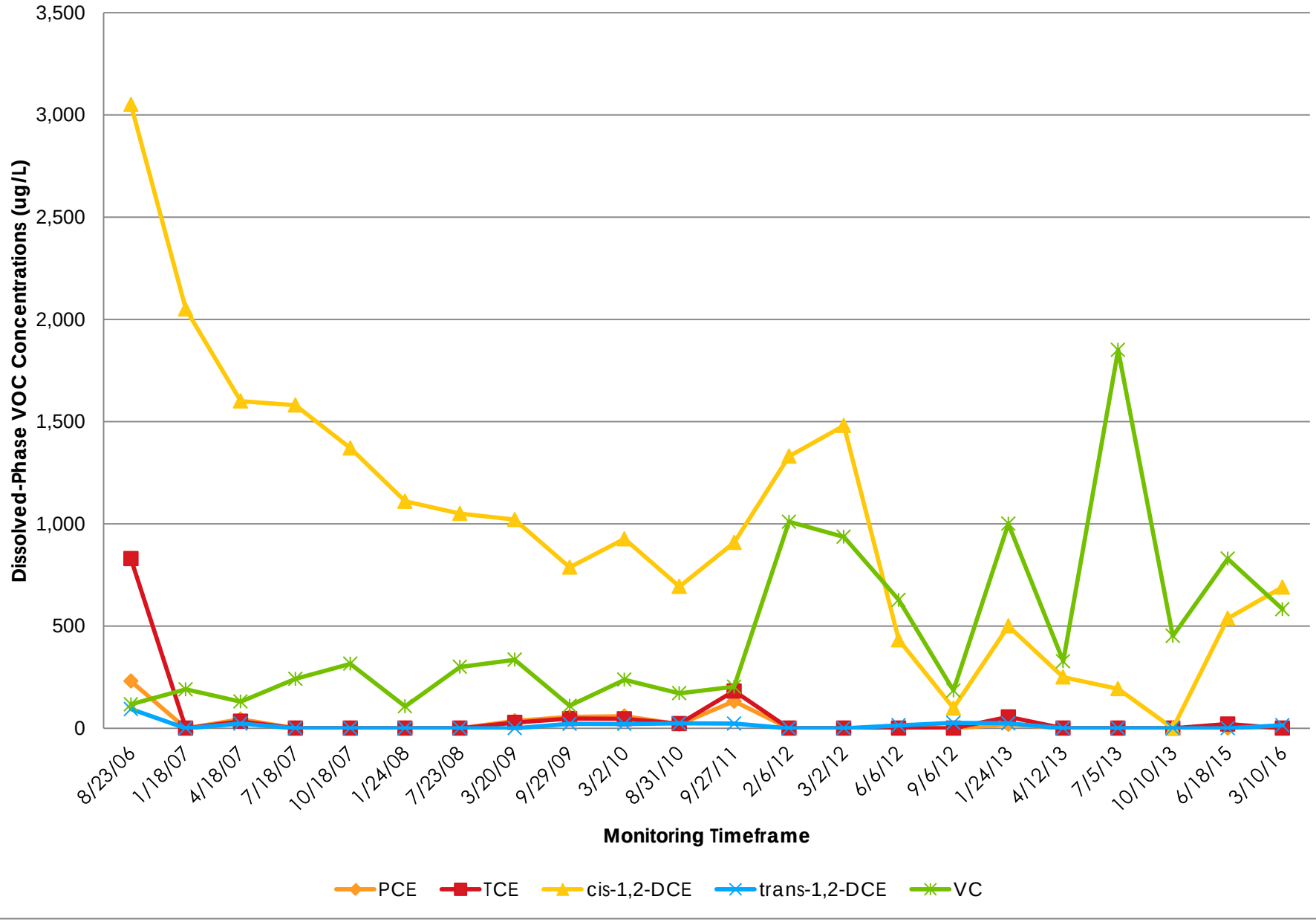


FIGURE 3-10: Dissolved-Phase VOC Concentrations versus Time - MW-207R



61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B1

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/23/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/23/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1				0-2' Brown f. to m. SAND, trace gravel concrete/gravel layer at 2'
2	0	33"		
3				2-4' Brown f. to m. SAND, trace gravel, trace silt includes red sandstone gravel chunks
4	0			4-5' Same. Some gravel and concrete chunks.
5				
6	0	36"		5-6' Brown f. SAND and SILT, trace clay, some gravel.
7	0			6-7' Brown f. SAND and SILT, some clay. Workable.
8	0			7-8' Brown f. SAND and SILT, trace clay, some gravel
9	0.4			
10	0.8	44"		8-10' Light brown f. SAND and SILT, little gravel, little clay. Workable.
11	0.8			
12	1.1			10-12' Same. Gray-brown. Slight black staining at 12'. **WET** at 12'.
	2.4			
13	4.1			
	14.1			12-14.6' Same. Some gravel from 13-14.6'.
14	9		828-2016-B1-S	
	6.2		13.2 - 13.7 ft. bgs	
15			12:00	Bottom of boring at 14.6'
16				
17				
18				
19				
20				

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B2

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/23/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/23/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1	0.1			0-1.5' Brown f. to m. SAND, some gravel
2		32"		1.5-2.5' Brown f. to m. SAND and gravel, concrete chunks
3	0.1			2.5-4' Brown, moist f. SAND, some silt, trace clay, trace gravel
4	0.1 0.2			
5	0.2			4-5' Brown f. SAND and SILT, some clay, trace gravel. Hard
6	0.2	36"		5-6' Brown f. SAND and SILT, little clay. Soft and workable
7	0.2			
8	0.2			6-8' Brown f. SAND and SILT, some gravel with red SS chunks
9	0.2			
10	0.2	44"		8-12' Brown f. SAND and SILT, trace gravel, trace clay. **WET** at 12'
11	0.4			
12	0.4			12-13' Same, some coarse gravel
13	0.3 1.2 7.2			13-13.8' Same. Gray-brown
14				
15			828-2016-B2-S 13.3 - 13.8 ft. bgs 13:00:00 PM	Bottom of boring at 13.8'
16				
17				
18				
19				
20				

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B3

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/23/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/23/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1	0.2			0-1.5' Brown f. to m. SAND, some gravel, concrete layer at 1.5'
2	0.1	31"		
3	0.1			1.5-4' Brown f. SAND, some silt, trace gravel
4	0.1			
5	0.2			4-5' Same. Trace clay
6	0.3	35"		5-6' Brown f. SAND, some silt, trace gravel. Moist
7	0.2			
8	0.2			6-9' Brown f. SAND and SILT, trace clay, trace gravel
9	0.7 0.2			
10	0.3	26"	828-2016-B3-S 8.3 - 8.8 ft. bgs 13:50:00 PM	9-14' Same. Gray-Brown, cohesive, coarse gravel. **WET** at 12'
11	0.3			
12	0.3			
13	0.3 0.2			
14	0.2 0.2 0.2	41"		14-14.6' Same. No clay
15				Bottom of boring at 14.6'
16				
17				
18				
19				
20				

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B4

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/23/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/23/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1	0.1			0-2' Brown SAND mixed with rounded gravel
2	0.1	32"		
3	0.1			2-5' Brown SAND and SILT, trace clay, little gravel. Some black blebs in soil, possibly organic.
4	0.1			
5	0.1			
6	0.1	48"		5-9' Brown SILT, some f. sand, some clay, trace gravel. Orange-brown at top, Gray-brown near bottom. Cohesive and workable.
7	0.1			
8	0.2			
9	0.2			
				9-9.5' Gravel layer
10	0.1	38"		9.5 -11' Brown f. SAND and SILT, little gravel
11	0.1			
12	0.1			
	0.3			
13	0.3			11-14.5' Same. Some gravel, trace clay. Slightly gray. **WET** @ 13.5
	0.2	18"		
14	0.2		828-2016-B4-S	
	0.2		13-13.5 ft. bgs	
15			14:30:00 PM	14.5-14.9' Gravel, some silt and clay
16				Bottom of boring at 14.9'
17				
18				
19				
20				

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B5

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/23/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/23/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1	0.1			0-1.5' Brown SAND and gravel
2	0.1	38"		
3	0.1			1.5-4' Brown f. SAND, little silt, little coarse gravel. Some black staining.
4	0.1			
5	0.1			
6	0.4	48"		4-8' Brown SILT, some clay, little sand and gravel
7	6.7			
8	3.5			
9	7.5			
			828-2016-B5-S	8-10.5' Brown f. SAND and SILT, trace clay, little gravel
10	3	48"	8.5-9 ft. bgs	
			15:00:00 PM	
11	6.5			
				10.5-12' Gray-brown f. to m. SAND, some gravel, little silt
12	4.9			
	1.5			
13	1.4			
		48"		12-15.2' Same. Trace clay. **WET** @ 13'.
14	0.4			
15	0.4			
16				Bottom of boring at 15.2'
17				
18				
19				
20				

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B7

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/23/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/23/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1	0.1			0-2' Brown SAND and gravel fill.
2	0.1	35"		
3	0.2			2-5' Brown f. SAND, some silt, some gravel.
4	0.2			
5	0.2			
6		46"		5-6' Light brown SILT, some clay, trace f. sand.
	0.4			
7	0.3			6-7' Brown m. SAND, well sorted.
8	1.4			7-8' Light brown f. SAND and SILT, some gravel, little clay
			828-2016-B7-S	
9	0.3		7.5-8 ft. bgs	
			15:40:00 PM	
10	0.6	41"		8-12' Brown f. SAND, some silt, some gravel.
11	0.9			
12	0.8			
13	0.2			
		48"		12-14' Same, gray-brown towards bottom. **WET** @ 13'.
14	0.2			
15				Bottom of boring at 14'
16				
17				
18				
19				
20				

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B8

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/23/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/23/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1				0-2.5' Dark brown f. SAND soil, some gravel and brick fragments.
	0.2			
2		38"		
3	0.2			2.5-5' Light brown to Brown SAND, some silt, little gravel.
4	0.2			
5	0.2			5-7.5' Brown f. SAND and SILT, some clay, trace gravel.
6	0.1	48"		
7	0.1			7.5-8' Brown f. SAND, some silt, some gravel.
8	0.2			8-10' Brown f. SAND, some silt, little clay, little gravel.
9				
10	0.3	22"		10-11' Brown f. to m. SAND, well sorted.
11	0.3			
12	0.9			
	0.5		828-2016-B8-S	
13	0.2		11.5-12 ft. bgs	11-14.9' Brown f. SAND, some silt, some gravel, **WET** @ 12.5'
		48"	16:20:00 PM	
14	0.2			
15	0.2			
16				Bottom of boring at 14.9'
17				
18				
19				
20				

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B9

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/24/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/24/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1	1.6			0-2' Dark brown f. SAND soil, some gravel, some silt.
2	0	40"		
3	0			2-4' Brown f. SAND, some silt.
4	0			
5	0			4-6.5' Brown SILT, some f. sand, some clay
6	0	48"		
7	0			6.5-8' Brown f. SAND, some silt.
8	0			
9	0			8-9.5' Brown f. SAND and SILT, trace clay, little gravel.
10	0.1	40"		
11	0			9.5-15.3' Gray brown f. SAND, some silt, little gravel. More cohesive and slightly more gravel towards bottom.
12	0.1			
13	0.3			
	0.3	36"		
14	0.2		828-2016-B9-S 13-13.5 ft. bgs	
15	0.2		8:50	
16				Bottom of boring at 15.3'
17				
18				
19				
20				

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B10

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/24/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/24/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1	0.2			0-2' Dark brown and black SANDY soil, and gravel and brick fragments.
2	0.2	34"		
3	0.3			2-4' Brown f. SAND, some silt.
4	0.3			
5				4-5' Brown f. SAND and SILT, some clay, some coarse gravel, chunky
	0.3			5-6.5' Light brown SILT, some clay, little f. sand.
6		39"		
7	0.2			6.5-8' Brown f. SAND and SILT, well sorted.
8	0.7			
	1.2			
9	2.1			
10	2	44"	828-2016-B10-S	8-12' Brown f. SAND and SILT, little gravel, trace clay, Poorly sorted, cohesive, more gravel at bottom.
			9-9.5 ft. bgs	
11	1		9:30	
12	0.5			
13	0.3			12-15.4' Brown f. SAND, some silt, some gravel, poorly sorted, more cohesive toward bottom, **WET**@ 13'
		48"		
14	0.4			
15	0.3			
16				Bottom of boring at 15.4'
17				
18				
19				
20				

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B11

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/24/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/24/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1				0-1.5' Asphalt and gravel.
	0.4			
2		34"		1.5-2.5' Dark brown and black sand and gravel and misc. fill.
	0.3			
3	0.3			
				2.5-4.5' Light brown f. SAND, some silt, little gravel.
4	0.2			
				4.5-5.5' Light brown SILT and coarse gravel, some clay, little sand. poorly sorted.
5	0.7			
				5.5-7' Light brown SILT, some clay, trace gravel, well sorted.
6	0.4	39"	828-2016-B11-S	
			5-5.5 ft. bgs	
7	0.4		10:20	7-8.5' Brown f. SAND and SILT, well sorted.
8	0.4			
	0.5			
9	0.4			
				8.5-13.8' Brown f. SAND and SILT, little gravel, trace clay. **WET** @ 13'
10	0.4	44"		
11	0.2			
12	0.4			
13	0.4			
	0.3	48"		
14				
				Bottom of boring at 13.8'
15				
16				
17				
18				
19				
20				

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B12

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/24/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/24/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1				0-1.5' Asphalt and gravel.
	0.3			
2	0.4	37"		1.5-2.5' Dark brown SAND and SILT with some gravel fill
				2.5-3.5' gray crushed STONE and LIMESTONE chips, some soil throughout
3	0.4			3.5-4.0' black and orange SAND, SILT and GRAVEL
				4.0-5.0' Light brown and orange SILT, some clay, trace f. gravel and f. sand
4	0.4			
5	0.4			5.0-6.5' light brown SILT, some f. sand, minor clay
6	0.4	48"		6.5-8.0' light brown f. SAND and SILT
7	0.3			
8	0.3			8.0-14.8 brown f. SAND and SILT, little gravel **WET** @ 13'
9	0.6			
10	0.7	40"		
			828-2016-B12-S	
11	0.5		9.5-10 ft. bgs	
			10:50	
12	0.4			
13	0.5			
14	0.4			
15	0.4			
16				Bottom of boring at 14.8'
17				
18				
19				
20				

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B13

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/24/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/24/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1				0-1.5' Asphalt and gravel.
	0.5			1.5-2.5' SAND and GRAVEL, some clay and misc. fill
2		37"		
	0.4			2.5-3.0' GRAVEL, crushed stone
3				3.0-4.0' light brown f. SAND, little silt, well sorted
	0.4			
4				
	0.3			4.0-5.0 light brown and orange SILT, some clay, trace f. gravel
5	0.6			5.0-6.5' light brown SILT, some f. sand, little clay
6	0.6	48"		
			828-2016-B13-S	6.5-8.5' light brown f. SAND and SILT, little gravel, well sorted
7	0.5		5.5-6 ft. bgs	
			11:40	
8	0.5			
				8.5-14.0' brown f. SAND and SILT, some gravel, **WET** @ 13', poorly sorted
9	0.4			
10	0.4	40"		
11	0.4			
12	0.4			
13	0.4			
14	0.4			14.0-15.1 gray brown f. SAND and GRAVEL, some silt
15	0.3			
				Bottom of boring at 15.1'
16				
17				
18				
19				
20				

Notes:

1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B14

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/24/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/24/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1	0.1			0-1.0' black and tan SAND and GRAVEL
				1.0-2.5 brown f.SAND, little gravel, little silt
2	0.1	38"		
				2.5-4.5' light brown f. SAND, some silt, well sorted
3	0.1			
4	0.1			
	0.1			4.5-5.0' brown, CLAY, SILT, SAND, GRAVEL, poorly sorted
5	0.1			5.0-5.5' brown SILT and CLAY, little gravel
				5.5 -8.0' brown, f. SAND and SILT
6	0.2	48"		
7	0.2			
				8.0-9.0' brown, f.SAND and SILT, trace clay, little gravel
8	0.2			
				9.0-15.6' brown, f. SAND and SILT, little gravel, **WET** @ 13.5'
9	0.2			
10	0.3	48"		
11	0.3			
12	0.3			
	0.3			
13	0.3			12.5' coarse SAND pocket
14	0.4			
	0.4			
15			828-2016-B14-S	15.6 gravel pocket
	0.4		14.0-14.5 ft. bgs	Bottom of boring at 15.6'
16			13:10	
17				
18				
19				
20				

Notes:

1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B15

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/24/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/24/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1	0.1			0-1.5' light brown f. SAND and GRAVEL
2	0.2	37"		1.5-4.5' brown f. SAND, some silt, little gravel
3	0			
4	0.1			4.5-5.0' HARD CLAY, SILT, GRAVEL
5	0.3			5.0-6.5' light brown SILT , some clay
6	0.3	48"		6.5-7.5' light brown SILT, some f. sand, little clay, little gravel
7	0.3			7.5-8.5' light brown f. SAND and SILT, some gravel
8	0.2			8.5-15.1' gray brown f. SAND and SILT, little f. gravel **NO CLEAR WET**
9	0.3			
10	0.3	47"		
11	0.5			
12	0.5		828-2016-B15-S	
13	0.3		11.0-11.5 ft. bgs 13:40:00 PM	
14	0.3			
15	0.3			
16				Bottom of boring at 15.1'
17				
18				
19				
20				

Notes:

1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B16

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/24/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/24/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1	0.2			0-1.5' black and brown SANDand GRAVEL, soi
				1.5-4.0' brown f. SAND, little silt, little gravel
2		34"		
3	0.3			
4	0.2			4.0-4.5' mixed CLAY, GRAVEL, SAND, SILT, hard
				4.5-5.5' light brown SILT, some clay
5	0.3			5.5-12.0' light brown SILT and SAND, little gravel, trace clay
6	0.4	48"		
7	0.9			
8	1.8			
9	7			12.0-14.7' reddish gray-brown, SILT and SAND little gravel, no clay, **WET** @ 13'
	8.3			
10	9.5	47"		
			828-2016-B16-S	
11	2.6		9.5-10.0 ft. bgs	
			14:15:00 PM	
12	5.9			
13	1.5			
14	1			
15	0.3			
16				Bottom of boring at 14.7'
17				
18				
19				
20				

Notes:
1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B17

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/24/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/24/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1				0-3.5' URBAN FILL, SAND and GRAVEL
2		28"		
	0.7			
3				3.0-3.25' BRICK; 3.25-3.5' CONCRETE with black staining
	0.5			3.5-4.5' brown f. SAND, little gravel
4	0.5			
				4.5-5.0' HARD CLAY, SILT, GRAVEL, mixed
5	0.4			5.0-6.0' light brown CLAY and SILT, hard
6	0.5	47"		6.0-7.5' light brown SILT and SAND
7	0.6			
				7.0-14.7' light brown SILT and SAND, some gravel, NO CLEAR **WET**
8	0.9			
9	1.3			
10	1.7	48"		
11	1.5		828-2016-B17-S	
			10.0-10.5 ft. bgs	
12	0.6		14:50:00 PM	
13	0.4			
		38"		
14	0.3			
	0.3			
15				
16				Bottom of boring at 14.7'
17				
18				
19				
20				

Notes:

1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B18

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/24/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/24/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1				0-3.0' URBAN FILL and SAND; fill includes asphalt, concrete and slag
2	0.5	36"		
3	0.3			3.0-4.0' light brown, f. SAND and SILT
4	0.2			4.0-4.5'- HARD CLAY, SILT, SAND and GRAVEL mixed 4.5-5.0' Hlight brown CLAY and SILT, little gravel
5	0.4			5.0-6.0' light brown SILT, some clay, trace gravel, little sand
6	0.4	48"		6.0-7.5' light brown f. SAND and SILT, trace gravel and clay
7	0.5			
8	0.4		828-2016-B18-S 7.0-7.5 ft. bgs	7.5-8.0' SAND and course SAND 8.0-14.2' light brown and gray-brown f. SAND and SILT, some f. gravel
9	0.4		15:50:00 PM	
10	0.4	48"		
11	0.3			
12	0.2			
13	0.2			**NO CLEAR WET**
14	0.2			
15				
16				Bottom of boring at 14.7'
17				
18				
19				
20				

Notes:

1. PID Model Mini-Rae 2000 with 10.6eV lamp.

61 Commercial Street
Rochester, NY 14614
(585) 475-1440

Test Boring No.: B19

Project:	Ward Street	Drill Contractor:	Trec	Start Date:	5/24/2016
Project #:	190500014.000	Driller:	Eric	Completion Date:	5/24/2016
Client:	Germanow-Simon	Elevation:		Drilling Method:	Direct Push
Location:	8-28 Ward Street	Weather:	Sunny, 70s	Supervisor:	Ben Haravitch

0	PID	Rec.	Sample	Soil Information
1				0-3.0' URBAN FILL (Asphalt) GRAVEL, f. SAND;
	0.3			
2		34"		
	0.3			
3				3.0-3.5' BRICK or CLAY
				3.5-4.5' URBAN FILL (slag, glass, cinders)
4	0.4			
				4.5-6' light brown f. SAND, some silt, trace clay and gravel, poorly sorted
5	0.3			
6	0.2	48"		6.0-7.5' light brown f. SAND and SILT, well sorted
7	0.2			
				7.5-8.0' brown f. SAND and SILT, some gravel, poorly sorted
8	0.3			8.0-10' brown f. SAND and SILT, little f. gravel with rounded pebbles
9	0.3			
10	0.3	44"		10.0-14.1' gray-brown f. SAND and SILT, little f. gravel with rounded pebbles
				WET @ 12.5'
11	0.2			
12	0.2			
13	0.4			
			828-2016-B19-S	
14	0.3		12.5-13.0 ft. bgs	
			16:15:00 PM	
15				
				Bottom of boring at 14.1'
16				
17				
18				
19				
20				

Notes:

1. PID Model Mini-Rae 2000 with 10.6eV lamp.

Table
Summary of Volatile Organic Compounds in Soil – May 2016
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			B1	B2	B3	B4	B5	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16		B17	B18	B19
Sample Date			23-May-16	23-May-16	23-May-16	23-May-16	23-May-16	23-May-16	23-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16	24-May-16
Sample ID			828-2016-B1-S	828-2016-B2-S	828-2016-B3-S	828-2016-B4-S	828-2016-B5-S	828-2016-B7-S	828-2016-B8-S	828-2016-B9-S	828-2016-B10-S	828-2016-B11-S	828-2016-B12-S	828-2016-B13-S	828-2016-B14-S	828-2016-B15-S	828-2016-B16-S	828-2016-FD-S	828-2016-B17-S	828-2016-B18-S	828-2016-B19-S
Sample Depth			13.2 - 13.7 ft	13.3 - 13.8 ft	8.3 - 8.8 ft	13 - 13.5 ft	8.5 - 9 ft	7.5 - 8 ft	11.5 - 12 ft	13 - 13.5 ft	9 - 9.5 ft	5 - 5.5 ft	9.5 - 10 ft	5.5 - 6 ft	14 - 14.5 ft	11 - 11.5 ft	9.5 - 10 ft	9.5 - 10 ft	10 - 10.5 ft	7 - 7.5 ft	12.5 - 13 ft
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126	162126
Laboratory Sample ID			162126-01	162126-02	162126-03	162126-04	162126-05	162126-06	162126-07	162126-08	162126-09	162126-10	162126-11	162126-12	162126-13	162126-14	162126-15	162126-19	162126-16	162126-17	162126-18
Sample Type	Units	NYSDEC-Part 375																Field Duplicate			
Volatile Organic Compounds																					
Acetone	µg/kg	500000$_c$[A] 1000000$_d$[B] 50[C]	41.6 U	39.8 U	20.1 U	20.6 U	***230 U***	22.0 U	17.8 U	18.4 U	19.6 U	22.1 U	21.3 U	22.4 U	18.9 U	16.6 U	***51.8 U***	***100 U***	22.0 U	22.1 U	19.6 U
Benzene	µg/kg	44000[A] 89000[B] 60[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Bromodichloromethane	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Bromoform (Tribromomethane)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U
Bromomethane (Methyl bromide)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Carbon Disulfide	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	5.84 J	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	22000[A] 44000[B] 760[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Chlorobenzene (Monochlorobenzene)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1100[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Chlorobromomethane	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U
Chloroethane (Ethyl Chloride)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Chloroform (Trichloromethane)	µg/kg	350000[A] 700000[B] 370[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Chloromethane	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Cyclohexane	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	41.6 U	39.8 U	20.1 U	20.6 U	230 U	22.0 U	17.8 U	18.4 U	19.6 U	22.1 U	21.3 U	22.4 U	18.9 U	16.6 U	51.8 U	100 U	22.0 U	22.1 U	19.6 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	41.6 U	39.8 U	20.1 U	20.6 U	230 U	22.0 U	17.8 U	18.4 U	19.6 U	22.1 U	21.3 U	22.4 U	18.9 U	16.6 U	51.8 U	100 U	22.0 U	22.1 U	19.6 U
Dibromochloromethane	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichlorobenzene, 1,2-	µg/kg	500000$_c$[A] 1000000$_d$[B] 1100[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichlorobenzene, 1,3-	µg/kg	280000[A] 560000[B] 2400[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichlorobenzene, 1,4-	µg/kg	130000[A] 250000[B] 1800[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichlorodifluoromethane (Freon 12)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichloroethane, 1,1-	µg/kg	240000[A] 480000[B] 270[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichloroethane, 1,2-	µg/kg	30000[A] 60000[B] 20$_g$[C]	8.32 U	7.96 U	4.02 U	4.12 U	***46.0 U***	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichloroethene, 1,1-	µg/kg	500000$_c$[A] 1000000$_d$[B] 330[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichloroethene, cis-1,2-	µg/kg	500000$_c$[A] 1000000$_d$[B] 250[C]	**608[C]**	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichloroethene, trans-1,2-	µg/kg	500000$_c$[A] 1000000$_d$[B] 190[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichloropropane, 1,2-	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichloropropene, cis-1,3-	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dichloropropene, trans-1,3-	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Dioxane, 1,4-	µg/kg	130000[A] 250000[B] 100$_c$[C]	83.2 U	79.6 U	40.2 U	41.2 U	***460 U***	44.0 U	35.6 U	36.9 U	39.1 U	44.2 U	42.6 U	44.9 U	37.8 U	33.2 U	***104 U***	***200 U***	44.0 U	44.2 U	39.2 U
Ethylbenzene	µg/kg	390000[A] 780000[B] 1000[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U
Isopropylbenzene	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Methyl Acetate	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	500000$_c$[A] 1000000$_d$[B] 120[C]	41.6 U	39.8 U	20.1 U	20.6 U	***230 U***	22.0 U	17.8 U	18.4 U	19.6 U	22.1 U	21.3 U	22.4 U	18.9 U	16.6 U	51.8 U	100 U	22.0 U	22.1 U	19.6 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U
Methyl tert-butyl ether (MTBE)	µg/kg	500000$_c$[A] 1000000$_d$[B] 930[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Methylcyclohexane	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Methylene Chloride (Dichloromethane)	µg/kg	500000$_c$[A] 1000000$_d$[B] 50[C]	20.8 U	19.9 U	10.0 U	10.3 U	***115 U***	11.0 U	8.90 U	9.22 U	5.21 J	9.63 J	5.91 J	7.98 J	6.76 J	8.30 U	25.9 U	***50.1 U***	10.2 J	11.1 U	5.62 J
Styrene	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U
Tetrachloroethane, 1,1,2,2-	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Tetrachloroethene (PCE)	µg/kg	150000[A] 300000[B] 1300[C]	565	516	23.3	19.1	**4220[C]**	109	166	3.69 U	314	33.0	4.30	10.5	8.71	260	423	977	193	31.2	2.19 J
Toluene	µg/kg	500000$_c$[A] 1000000$_d$[B] 700[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Trichlorobenzene, 1,2,3-	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U
Trichlorobenzene, 1,2,4-	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U
Trichloroethane, 1,1,1-	µg/kg	500000$_c$[A] 1000000$_d$[B] 680[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Trichloroethane, 1,1,2-	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Trichloroethene (TCE)	µg/kg	200000[A] 400000[B] 470[C]	97.1	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	10.6	7.58 J	17.3 J	4.40 U	4.42 U	3.92 U
Trichlorofluoromethane (Freon 11)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	500000$_c$[A] 1000000$_d$[B] 1000000$_d$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Vinyl chloride	µg/kg	13000[A] 27000[B] 20[C]	8.32 U	7.96 U	4.02 U	4.12 U	***46.0 U***	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Xylene, m & p-	µg/kg	500000$_{c,p}$[A] 1000000$_{d,p}$[B] 1600$_p$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Xylene, o-	µg/kg	500000$_{c,p}$[A] 1000000$_{d,p}$[B] 1600$_p$[C]	8.32 U	7.96 U	4.02 U	4.12 U	46.0 U	4.40 U	3.56 U	3.69 U	3.91 U	4.42 U	4.26 U	4.49 U	3.78 U	3.32 U	10.4 U	20.0 U	4.40 U	4.42 U	3.92 U
Total VOC	µg/kg	n/v	1275.94	516	23.3	19.1	4220	109	166	ND	319.21	42.63	10.21	18.48	15.47	270.6	430.58	994.3	203.2	31.2	7.81
Tentatively Identified Compound (TIC)	µg/kg	n/v	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U
Total VOC TICs	µg/kg	n/v	20.8 U	19.9 U	10.0 U	10.3 U	115 U	11.0 U	8.90 U	9.22 U	9.78 U	11.1 U	10.6 U	11.2 U	9.44 U	8.30 U	25.9 U	50.1 U	11.0 U	11.1 U	9.80 U

See notes on last page.

Table
Summary of Volatile Organic Compounds in Soil – May 2016
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Notes:

NYSDEC-Part 375	NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
A	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Commercial
B	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Industrial
C	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
6.5[A]	Concentration exceeds the indicated standard.
15.2	Measured concentration did not exceed the indicated standard.
0.50 U	Laboratory reporting limit was greater than the applicable standard.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
c	The SCOs for commercial use were capped at a maximum value of 500 mg/kg. See TSD Section 9.3.
c,p	The SCOs for commercial use were capped at a maximum value of 500 mg/kg. See TSD Section 9.3. The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
BC d	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
d,p	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3. The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
f	For constituents where the calculated SCO was lower than the CRQL, the CRQL is used as the SCO value.
g	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
p	The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
J	The reported result is an estimated value.

Treatment Unit

B19 B11 B18 B12 B13

B10 B17 B8 B14 B9

B6 B7 B16 B5 B15 B4

MW-23R B2 MW-23 B1 B3

Proposed Excavation Area

N

Legend

- 2016 Boring Locations
- Monitoring Wells
- Proposed Excavation Area
- 8-28 Ward Street Site Property Line

Geographic Information Systems

Document Path: U:\1405205\corresp\2016 boring program\Field Data\GPS Points\Fig 1 Boring Locations.mxd

Cartographic Design By: Andrew Less

0 5 10 20 30 40 Feet

1 inch = 10 feet

Stantec Consulting
61 Commercial Street
Rochester, NY 14614
Phone 585.475.1440 Fax 585.272.1814
www.stantec.com

Figure 1 - Boring Locations

Ward Street Site
Rochester, NY

Appendix C

Waste Disposal Documentation

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD002211019	1	585-436-5660	007931846 JJK

GENERATOR

5. Generator's Name and Mailing Address
GERMANOW-SIMON CORPORATION
408 ST. PAUL ST.
ROCHESTER NY 14605
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
SUN ENVIRONMENTAL CORP.
U.S. EPA ID Number
NYR000176958

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CYCLE CHEM, INC.
550 INDUSTRIAL DR.
LEWISBERRY PA 17339
Facility's Phone: 717 938-4700
U.S. EPA ID Number
PAD067098822

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. NA3077, HAZARDOUS WASTE SOLID, NOS(TETRACHLOROETHYLENE)9, PGIII ERG# 171	001	DM	00400	P	D039	F002	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
JOB # STAN.1005-1398 STANTEC P.O. # R38385
1. NYE241-ROS70-C (55 GAL) SIGNED PROFILE AND LDR ATTACHED

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Andrew GERMANOW
Signature:
Month: 11 Day: 29 Year: 16

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: John HANOBILK
Signature:
Month: 11 Day: 29 Year: 16

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name:
Signature:
Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

CK# 71770

SPECIALTY SHORT TERM DISCHARGE PERMIT

County of Monroe Pure Waters District No. 8675 ST- Permit No: ST-327

Expires: 12/31/16

Fee: $125.00

Firm Name Germanow-Simon Corporation
Address 408 St. Paul Street
Rochester, NY 14605

Type of Business or Service Scientific instrument manufacturing

I. The above-named applicant is permitted to discharge wastes into the Monroe County Pure Waters Sewer system or Tributary thereto as applied for by an application dated 11/11/2016 (28 (BH)) and verified by the applicant except the Director of Pure Waters requires the following terms and conditions to govern the permitted discharge:

A. _____
B. _____
C. _____

II. The applicant further agrees to:

1. Accept and abide by all provisions of the Sewer Use Law of Monroe County and of all pertinent rules or regulations now in force or shall be adopted in the future.
2. Notify the Director of Pure Waters in writing of any revision to the plant sewer system or any change in industrial wastes discharge to the public sewers as listed in the application. The latter encompasses either (1) an increase or decrease in average daily volume or strength of wastes listed in the application or (2) new wastes that were not listed in the application.
3. Furnish the Director of Pure Waters upon request any additional information related to the installation or use of sewer or drain for which this permit is sought.
4. Operate and maintain any waste pretreatment facilities, as may be required as a condition of the acceptance into the public sewer of the industrial wastes involved, in an efficient manner at all times, and at no expense to the County.
5. Cooperate with the Director of Pure Waters or his representatives in their inspecting, sampling, and study of wastes, or the facilities provided for pretreatment.
6. Notify the Director of Pure Waters immediately of any accident, negligence, breakdown of pretreatment equipment, or other occurrence that occasions discharge to the public sewers of any wastes or process waters not covered by this permit.

Applicant's Name (please print) Andrew Germanow

Applicant's Signature _____ Date 11/21/16

Applicant's Title President Phone (585) 295-0200

Emergency Contact John Dole Phone (585) 295-0220

Renewal Approved by: _____ Issued this 2 day of DEC 2016

Michael J. Garland, P.E.
Director of Environmental Services-Pure Waters
Monroe County

COUNTY OF MONROE
SEWER USE PERMIT ENCLOSURE

Germanow Simon Corp.
408 St. Paul Street
Rochester, NY 14605

PERMIT NUMBER: ST-327
DISTRICT NUMBER: 8575

TYPE OF BUSINESS: Former Industrial and Dry Cleaning Operation
SAMPLE POINT: 55-gal Drum

REQUIRED MONITORING

SELF-MONITORING FREQUENCY: **Each and Every Batch Discharge**

SAMPLING PROTOCOL: Sampling and analysis shall be performed in accordance with the techniques prescribed in 40 CFR Part 136 and amendments thereto. In the absence of 40 CFR Part 136 testing methodology, a New York State Department of Health, approved method is acceptable.

A grab sample, collected from the above noted sample point shall be analyzed for the following:

Analyte	**Limit**
Volatile Organic Compounds	*

* The summation of all volatile organic compounds reported greater than 10 µg/l shall not exceed 2.13 mg/L.

SPECIAL CONDITIONS:

1. **Sample results must be reviewed and approved by Monroe County prior to each discharge.**
2. **A discharge location must be approved by Monroe County.**

Appendix D

Laboratory Analytical Reports

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

Stantec

For Lab Project ID

160970

Referencing

Ward Street 190500014

Prepared

Thursday, March 17, 2016

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

Portions of the enclosed report reflects analysis that has been subcontracted and are presented in their original form.

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: 160970

Client: **Stantec**

Project Reference: Ward Street 190500014

Sample Identifier: 828-MW-23-GW
Lab Sample ID: 160970-01 **Date Sampled:** 3/9/2016
Matrix: Groundwater **Date Received:** 3/10/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 50.0	ug/L		3/14/2016 12:46
1,1,2,2-Tetrachloroethane	< 50.0	ug/L		3/14/2016 12:46
1,1,2-Trichloroethane	< 50.0	ug/L		3/14/2016 12:46
1,1-Dichloroethane	< 50.0	ug/L		3/14/2016 12:46
1,1-Dichloroethene	< 50.0	ug/L		3/14/2016 12:46
1,2,3-Trichlorobenzene	< 125	ug/L		3/14/2016 12:46
1,2,4-Trichlorobenzene	< 125	ug/L		3/14/2016 12:46
1,2-Dibromo-3-Chloropropane	< 250	ug/L		3/14/2016 12:46
1,2-Dibromoethane	< 50.0	ug/L		3/14/2016 12:46
1,2-Dichlorobenzene	< 50.0	ug/L		3/14/2016 12:46
1,2-Dichloroethane	< 50.0	ug/L		3/14/2016 12:46
1,2-Dichloropropane	< 50.0	ug/L		3/14/2016 12:46
1,3-Dichlorobenzene	< 50.0	ug/L		3/14/2016 12:46
1,4-Dichlorobenzene	< 50.0	ug/L		3/14/2016 12:46
1,4-dioxane	< 500	ug/L		3/14/2016 12:46
2-Butanone	< 250	ug/L		3/14/2016 12:46
2-Hexanone	< 125	ug/L		3/14/2016 12:46
4-Methyl-2-pentanone	< 125	ug/L		3/14/2016 12:46
Acetone	< 250	ug/L		3/14/2016 12:46
Benzene	< 25.0	ug/L		3/14/2016 12:46
Bromochloromethane	< 125	ug/L		3/14/2016 12:46
Bromodichloromethane	< 50.0	ug/L		3/14/2016 12:46
Bromoform	< 125	ug/L		3/14/2016 12:46
Bromomethane	< 50.0	ug/L		3/14/2016 12:46
Carbon disulfide	< 50.0	ug/L		3/14/2016 12:46
Carbon Tetrachloride	< 50.0	ug/L		3/14/2016 12:46
Chlorobenzene	< 50.0	ug/L		3/14/2016 12:46
Chloroethane	< 50.0	ug/L		3/14/2016 12:46
Chloroform	< 50.0	ug/L		3/14/2016 12:46

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 160970

Client: **Stantec**

Project Reference: Ward Street 190500014

Sample Identifier: 828-MW-23-GW
Lab Sample ID: 160970-01 **Date Sampled:** 3/9/2016
Matrix: Groundwater **Date Received:** 3/10/2016

Chloromethane	< 50.0	ug/L		3/14/2016 12:46
cis-1,2-Dichloroethene	**1110**	ug/L		3/14/2016 12:46
cis-1,3-Dichloropropene	< 50.0	ug/L		3/14/2016 12:46
Cyclohexane	< 250	ug/L		3/14/2016 12:46
Dibromochloromethane	< 50.0	ug/L		3/14/2016 12:46
Dichlorodifluoromethane	< 50.0	ug/L		3/14/2016 12:46
Ethylbenzene	< 50.0	ug/L		3/14/2016 12:46
Freon 113	< 50.0	ug/L		3/14/2016 12:46
Isopropylbenzene	< 50.0	ug/L		3/14/2016 12:46
m,p-Xylene	< 50.0	ug/L		3/14/2016 12:46
Methyl acetate	< 50.0	ug/L		3/14/2016 12:46
Methyl tert-butyl Ether	< 50.0	ug/L		3/14/2016 12:46
Methylcyclohexane	< 50.0	ug/L		3/14/2016 12:46
Methylene chloride	< 125	ug/L		3/14/2016 12:46
o-Xylene	< 50.0	ug/L		3/14/2016 12:46
Styrene	< 125	ug/L		3/14/2016 12:46
Tetrachloroethene	**4810**	ug/L		3/14/2016 12:46
Toluene	< 50.0	ug/L		3/14/2016 12:46
trans-1,2-Dichloroethene	< 50.0	ug/L		3/14/2016 12:46
trans-1,3-Dichloropropene	< 50.0	ug/L		3/14/2016 12:46
Trichloroethene	**1060**	ug/L		3/14/2016 12:46
Trichlorofluoromethane	< 50.0	ug/L		3/14/2016 12:46
Vinyl chloride	< 50.0	ug/L		3/14/2016 12:46

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**102**	81.6 - 118		3/14/2016 12:46
4-Bromofluorobenzene	**87.8**	79.5 - 115		3/14/2016 12:46
Pentafluorobenzene	**94.4**	91.4 - 111		3/14/2016 12:46
Toluene-D8	**94.1**	89.8 - 108		3/14/2016 12:46

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x31012.D

Report Prepared Thursday, March 17, 2016

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 160970

Client: **Stantec**

Project Reference: Ward Street 190500014

Sample Identifier: 828-MW-23R-GW
Lab Sample ID: 160970-02 **Date Sampled:** 3/9/2016
Matrix: Groundwater **Date Received:** 3/10/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		3/11/2016 18:23
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		3/11/2016 18:23
1,1,2-Trichloroethane	< 2.00	ug/L		3/11/2016 18:23
1,1-Dichloroethane	< 2.00	ug/L		3/11/2016 18:23
1,1-Dichloroethene	< 2.00	ug/L		3/11/2016 18:23
1,2,3-Trichlorobenzene	< 5.00	ug/L		3/11/2016 18:23
1,2,4-Trichlorobenzene	< 5.00	ug/L		3/11/2016 18:23
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		3/11/2016 18:23
1,2-Dibromoethane	< 2.00	ug/L		3/11/2016 18:23
1,2-Dichlorobenzene	< 2.00	ug/L		3/11/2016 18:23
1,2-Dichloroethane	< 2.00	ug/L		3/11/2016 18:23
1,2-Dichloropropane	< 2.00	ug/L		3/11/2016 18:23
1,3-Dichlorobenzene	< 2.00	ug/L		3/11/2016 18:23
1,4-Dichlorobenzene	< 2.00	ug/L		3/11/2016 18:23
1,4-dioxane	< 20.0	ug/L		3/11/2016 18:23
2-Butanone	< 10.0	ug/L		3/11/2016 18:23
2-Hexanone	< 5.00	ug/L		3/11/2016 18:23
4-Methyl-2-pentanone	< 5.00	ug/L		3/11/2016 18:23
Acetone	< 10.0	ug/L		3/11/2016 18:23
Benzene	< 1.00	ug/L		3/11/2016 18:23
Bromochloromethane	< 5.00	ug/L		3/11/2016 18:23
Bromodichloromethane	< 2.00	ug/L		3/11/2016 18:23
Bromoform	< 5.00	ug/L		3/11/2016 18:23
Bromomethane	< 2.00	ug/L		3/11/2016 18:23
Carbon disulfide	< 2.00	ug/L		3/11/2016 18:23
Carbon Tetrachloride	< 2.00	ug/L		3/11/2016 18:23
Chlorobenzene	< 2.00	ug/L		3/11/2016 18:23
Chloroethane	< 2.00	ug/L		3/11/2016 18:23
Chloroform	< 2.00	ug/L		3/11/2016 18:23

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 160970

Client: **Stantec**

Project Reference: Ward Street 190500014

Sample Identifier: 828-MW-23R-GW
Lab Sample ID: 160970-02 **Date Sampled:** 3/9/2016
Matrix: Groundwater **Date Received:** 3/10/2016

Chloromethane	< 2.00	ug/L		3/11/2016	18:23
cis-1,2-Dichloroethene	**1.86**	ug/L	J	3/11/2016	18:23
cis-1,3-Dichloropropene	< 2.00	ug/L		3/11/2016	18:23
Cyclohexane	< 10.0	ug/L		3/11/2016	18:23
Dibromochloromethane	< 2.00	ug/L		3/11/2016	18:23
Dichlorodifluoromethane	< 2.00	ug/L		3/11/2016	18:23
Ethylbenzene	< 2.00	ug/L		3/11/2016	18:23
Freon 113	< 2.00	ug/L		3/11/2016	18:23
Isopropylbenzene	< 2.00	ug/L		3/11/2016	18:23
m,p-Xylene	< 2.00	ug/L		3/11/2016	18:23
Methyl acetate	< 2.00	ug/L		3/11/2016	18:23
Methyl tert-butyl Ether	< 2.00	ug/L		3/11/2016	18:23
Methylcyclohexane	**1.37**	ug/L	J	3/11/2016	18:23
Methylene chloride	< 5.00	ug/L		3/11/2016	18:23
o-Xylene	< 2.00	ug/L		3/11/2016	18:23
Styrene	< 5.00	ug/L		3/11/2016	18:23
Tetrachloroethene	< 2.00	ug/L		3/11/2016	18:23
Toluene	< 2.00	ug/L		3/11/2016	18:23
trans-1,2-Dichloroethene	< 2.00	ug/L		3/11/2016	18:23
trans-1,3-Dichloropropene	< 2.00	ug/L		3/11/2016	18:23
Trichloroethene	< 2.00	ug/L		3/11/2016	18:23
Trichlorofluoromethane	< 2.00	ug/L		3/11/2016	18:23
Vinyl chloride	< 2.00	ug/L		3/11/2016	18:23

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**99.3**	81.6 - 118		3/11/2016	18:23
4-Bromofluorobenzene	**91.5**	79.5 - 115		3/11/2016	18:23
Pentafluorobenzene	**98.7**	91.4 - 111		3/11/2016	18:23
Toluene-D8	**95.0**	89.8 - 108		3/11/2016	18:23

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x30092.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 160970

Client: **Stantec**

Project Reference: Ward Street 190500014

Sample Identifier: WSR-MW-16-GW
Lab Sample ID: 160970-03 **Date Sampled:** 3/9/2016
Matrix: Groundwater **Date Received:** 3/10/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		3/11/2016 17:59
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		3/11/2016 17:59
1,1,2-Trichloroethane	< 2.00	ug/L		3/11/2016 17:59
1,1-Dichloroethane	< 2.00	ug/L		3/11/2016 17:59
1,1-Dichloroethene	< 2.00	ug/L		3/11/2016 17:59
1,2,3-Trichlorobenzene	< 5.00	ug/L		3/11/2016 17:59
1,2,4-Trichlorobenzene	< 5.00	ug/L		3/11/2016 17:59
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		3/11/2016 17:59
1,2-Dibromoethane	< 2.00	ug/L		3/11/2016 17:59
1,2-Dichlorobenzene	< 2.00	ug/L		3/11/2016 17:59
1,2-Dichloroethane	< 2.00	ug/L		3/11/2016 17:59
1,2-Dichloropropane	< 2.00	ug/L		3/11/2016 17:59
1,3-Dichlorobenzene	< 2.00	ug/L		3/11/2016 17:59
1,4-Dichlorobenzene	< 2.00	ug/L		3/11/2016 17:59
1,4-dioxane	< 20.0	ug/L		3/11/2016 17:59
2-Butanone	< 10.0	ug/L		3/11/2016 17:59
2-Hexanone	< 5.00	ug/L		3/11/2016 17:59
4-Methyl-2-pentanone	< 5.00	ug/L		3/11/2016 17:59
Acetone	< 10.0	ug/L		3/11/2016 17:59
Benzene	< 1.00	ug/L		3/11/2016 17:59
Bromochloromethane	< 5.00	ug/L		3/11/2016 17:59
Bromodichloromethane	< 2.00	ug/L		3/11/2016 17:59
Bromoform	< 5.00	ug/L		3/11/2016 17:59
Bromomethane	< 2.00	ug/L		3/11/2016 17:59
Carbon disulfide	< 2.00	ug/L		3/11/2016 17:59
Carbon Tetrachloride	< 2.00	ug/L		3/11/2016 17:59
Chlorobenzene	< 2.00	ug/L		3/11/2016 17:59
Chloroethane	< 2.00	ug/L		3/11/2016 17:59
Chloroform	< 2.00	ug/L		3/11/2016 17:59

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 160970

Client: **Stantec**

Project Reference: Ward Street 190500014

Sample Identifier: WSR-MW-16-GW
Lab Sample ID: 160970-03 **Date Sampled:** 3/9/2016
Matrix: Groundwater **Date Received:** 3/10/2016

Chloromethane	< 2.00	ug/L		3/11/2016 17:59
cis-1,2-Dichloroethene	**118**	ug/L		3/11/2016 17:59
cis-1,3-Dichloropropene	< 2.00	ug/L		3/11/2016 17:59
Cyclohexane	< 10.0	ug/L		3/11/2016 17:59
Dibromochloromethane	< 2.00	ug/L		3/11/2016 17:59
Dichlorodifluoromethane	< 2.00	ug/L		3/11/2016 17:59
Ethylbenzene	< 2.00	ug/L		3/11/2016 17:59
Freon 113	< 2.00	ug/L		3/11/2016 17:59
Isopropylbenzene	< 2.00	ug/L		3/11/2016 17:59
m,p-Xylene	< 2.00	ug/L		3/11/2016 17:59
Methyl acetate	< 2.00	ug/L		3/11/2016 17:59
Methyl tert-butyl Ether	< 2.00	ug/L		3/11/2016 17:59
Methylcyclohexane	< 2.00	ug/L		3/11/2016 17:59
Methylene chloride	< 5.00	ug/L		3/11/2016 17:59
o-Xylene	< 2.00	ug/L		3/11/2016 17:59
Styrene	< 5.00	ug/L		3/11/2016 17:59
Tetrachloroethene	< 2.00	ug/L		3/11/2016 17:59
Toluene	< 2.00	ug/L		3/11/2016 17:59
trans-1,2-Dichloroethene	**2.43**	ug/L		3/11/2016 17:59
trans-1,3-Dichloropropene	< 2.00	ug/L		3/11/2016 17:59
Trichloroethene	< 2.00	ug/L		3/11/2016 17:59
Trichlorofluoromethane	< 2.00	ug/L		3/11/2016 17:59
Vinyl chloride	**135**	ug/L		3/11/2016 17:59

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**101**	81.6 - 118		3/11/2016 17:59
4-Bromofluorobenzene	**92.7**	79.5 - 115		3/11/2016 17:59
Pentafluorobenzene	**98.8**	91.4 - 111		3/11/2016 17:59
Toluene-D8	**95.9**	89.8 - 108		3/11/2016 17:59

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x30091.D

Report Prepared Thursday, March 17, 2016

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 160970

Client: **Stantec**

Project Reference: Ward Street 190500014

Sample Identifier: WSR-MW-16R-GW
Lab Sample ID: 160970-04 **Date Sampled:** 3/9/2016
Matrix: Groundwater **Date Received:** 3/10/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 50.0	ug/L		3/14/2016 13:09
1,1,2,2-Tetrachloroethane	< 50.0	ug/L		3/14/2016 13:09
1,1,2-Trichloroethane	< 50.0	ug/L		3/14/2016 13:09
1,1-Dichloroethane	< 50.0	ug/L		3/14/2016 13:09
1,1-Dichloroethene	< 50.0	ug/L		3/14/2016 13:09
1,2,3-Trichlorobenzene	< 125	ug/L		3/14/2016 13:09
1,2,4-Trichlorobenzene	< 125	ug/L		3/14/2016 13:09
1,2-Dibromo-3-Chloropropane	< 250	ug/L		3/14/2016 13:09
1,2-Dibromoethane	< 50.0	ug/L		3/14/2016 13:09
1,2-Dichlorobenzene	< 50.0	ug/L		3/14/2016 13:09
1,2-Dichloroethane	< 50.0	ug/L		3/14/2016 13:09
1,2-Dichloropropane	< 50.0	ug/L		3/14/2016 13:09
1,3-Dichlorobenzene	< 50.0	ug/L		3/14/2016 13:09
1,4-Dichlorobenzene	< 50.0	ug/L		3/14/2016 13:09
1,4-dioxane	< 500	ug/L		3/14/2016 13:09
2-Butanone	< 250	ug/L		3/14/2016 13:09
2-Hexanone	< 125	ug/L		3/14/2016 13:09
4-Methyl-2-pentanone	< 125	ug/L		3/14/2016 13:09
Acetone	< 250	ug/L		3/14/2016 13:09
Benzene	< 25.0	ug/L		3/14/2016 13:09
Bromochloromethane	< 125	ug/L		3/14/2016 13:09
Bromodichloromethane	< 50.0	ug/L		3/14/2016 13:09
Bromoform	< 125	ug/L		3/14/2016 13:09
Bromomethane	< 50.0	ug/L		3/14/2016 13:09
Carbon disulfide	< 50.0	ug/L		3/14/2016 13:09
Carbon Tetrachloride	< 50.0	ug/L		3/14/2016 13:09
Chlorobenzene	< 50.0	ug/L		3/14/2016 13:09
Chloroethane	< 50.0	ug/L		3/14/2016 13:09
Chloroform	< 50.0	ug/L		3/14/2016 13:09

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 160970

Client: **Stantec**

Project Reference: Ward Street 190500014

Sample Identifier: WSR-MW-16R-GW
Lab Sample ID: 160970-04 **Date Sampled:** 3/9/2016
Matrix: Groundwater **Date Received:** 3/10/2016

Chloromethane	< 50.0	ug/L	3/14/2016	13:09
cis-1,2-Dichloroethene	**1610**	ug/L	3/14/2016	13:09
cis-1,3-Dichloropropene	< 50.0	ug/L	3/14/2016	13:09
Cyclohexane	< 250	ug/L	3/14/2016	13:09
Dibromochloromethane	< 50.0	ug/L	3/14/2016	13:09
Dichlorodifluoromethane	< 50.0	ug/L	3/14/2016	13:09
Ethylbenzene	< 50.0	ug/L	3/14/2016	13:09
Freon 113	< 50.0	ug/L	3/14/2016	13:09
Isopropylbenzene	< 50.0	ug/L	3/14/2016	13:09
m,p-Xylene	< 50.0	ug/L	3/14/2016	13:09
Methyl acetate	< 50.0	ug/L	3/14/2016	13:09
Methyl tert-butyl Ether	< 50.0	ug/L	3/14/2016	13:09
Methylcyclohexane	< 50.0	ug/L	3/14/2016	13:09
Methylene chloride	< 125	ug/L	3/14/2016	13:09
o-Xylene	< 50.0	ug/L	3/14/2016	13:09
Styrene	< 125	ug/L	3/14/2016	13:09
Tetrachloroethene	< 50.0	ug/L	3/14/2016	13:09
Toluene	< 50.0	ug/L	3/14/2016	13:09
trans-1,2-Dichloroethene	< 50.0	ug/L	3/14/2016	13:09
trans-1,3-Dichloropropene	< 50.0	ug/L	3/14/2016	13:09
Trichloroethene	< 50.0	ug/L	3/14/2016	13:09
Trichlorofluoromethane	< 50.0	ug/L	3/14/2016	13:09
Vinyl chloride	**961**	ug/L	3/14/2016	13:09

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**102**	81.6 - 118		3/14/2016	13:09
4-Bromofluorobenzene	**86.8**	79.5 - 115		3/14/2016	13:09
Pentafluorobenzene	**94.6**	91.4 - 111		3/14/2016	13:09
Toluene-D8	**93.5**	89.8 - 108		3/14/2016	13:09

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x31013.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 160970

Client: **Stantec**

Project Reference: Ward Street 190500014

Sample Identifier: WSR-MW-207R-GW
Lab Sample ID: 160970-05 **Date Sampled:** 3/10/2016
Matrix: Groundwater **Date Received:** 3/10/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 20.0	ug/L		3/11/2016 17:13
1,1,2,2-Tetrachloroethane	< 20.0	ug/L		3/11/2016 17:13
1,1,2-Trichloroethane	< 20.0	ug/L		3/11/2016 17:13
1,1-Dichloroethane	< 20.0	ug/L		3/11/2016 17:13
1,1-Dichloroethene	< 20.0	ug/L		3/11/2016 17:13
1,2,3-Trichlorobenzene	< 50.0	ug/L		3/11/2016 17:13
1,2,4-Trichlorobenzene	< 50.0	ug/L		3/11/2016 17:13
1,2-Dibromo-3-Chloropropane	< 100	ug/L		3/11/2016 17:13
1,2-Dibromoethane	< 20.0	ug/L		3/11/2016 17:13
1,2-Dichlorobenzene	< 20.0	ug/L		3/11/2016 17:13
1,2-Dichloroethane	< 20.0	ug/L		3/11/2016 17:13
1,2-Dichloropropane	< 20.0	ug/L		3/11/2016 17:13
1,3-Dichlorobenzene	< 20.0	ug/L		3/11/2016 17:13
1,4-Dichlorobenzene	< 20.0	ug/L		3/11/2016 17:13
1,4-dioxane	< 200	ug/L		3/11/2016 17:13
2-Butanone	< 100	ug/L		3/11/2016 17:13
2-Hexanone	< 50.0	ug/L		3/11/2016 17:13
4-Methyl-2-pentanone	< 50.0	ug/L		3/11/2016 17:13
Acetone	< 100	ug/L		3/11/2016 17:13
Benzene	< 10.0	ug/L		3/11/2016 17:13
Bromochloromethane	< 50.0	ug/L		3/11/2016 17:13
Bromodichloromethane	< 20.0	ug/L		3/11/2016 17:13
Bromoform	< 50.0	ug/L		3/11/2016 17:13
Bromomethane	< 20.0	ug/L		3/11/2016 17:13
Carbon disulfide	< 20.0	ug/L		3/11/2016 17:13
Carbon Tetrachloride	< 20.0	ug/L		3/11/2016 17:13
Chlorobenzene	< 20.0	ug/L		3/11/2016 17:13
Chloroethane	< 20.0	ug/L		3/11/2016 17:13
Chloroform	< 20.0	ug/L		3/11/2016 17:13

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 160970

Client: **Stantec**

Project Reference: Ward Street 190500014

Sample Identifier: WSR-MW-207R-GW
Lab Sample ID: 160970-05 **Date Sampled:** 3/10/2016
Matrix: Groundwater **Date Received:** 3/10/2016

Chloromethane	< 20.0	ug/L		3/11/2016	17:13
cis-1,2-Dichloroethene	**690**	ug/L		3/11/2016	17:13
cis-1,3-Dichloropropene	< 20.0	ug/L		3/11/2016	17:13
Cyclohexane	< 100	ug/L		3/11/2016	17:13
Dibromochloromethane	< 20.0	ug/L		3/11/2016	17:13
Dichlorodifluoromethane	< 20.0	ug/L		3/11/2016	17:13
Ethylbenzene	< 20.0	ug/L		3/11/2016	17:13
Freon 113	< 20.0	ug/L		3/11/2016	17:13
Isopropylbenzene	< 20.0	ug/L		3/11/2016	17:13
m,p-Xylene	< 20.0	ug/L		3/11/2016	17:13
Methyl acetate	< 20.0	ug/L		3/11/2016	17:13
Methyl tert-butyl Ether	< 20.0	ug/L		3/11/2016	17:13
Methylcyclohexane	< 20.0	ug/L		3/11/2016	17:13
Methylene chloride	< 50.0	ug/L		3/11/2016	17:13
o-Xylene	< 20.0	ug/L		3/11/2016	17:13
Styrene	< 50.0	ug/L		3/11/2016	17:13
Tetrachloroethene	< 20.0	ug/L		3/11/2016	17:13
Toluene	< 20.0	ug/L		3/11/2016	17:13
trans-1,2-Dichloroethene	**14.7**	ug/L	J	3/11/2016	17:13
trans-1,3-Dichloropropene	< 20.0	ug/L		3/11/2016	17:13
Trichloroethene	< 20.0	ug/L		3/11/2016	17:13
Trichlorofluoromethane	< 20.0	ug/L		3/11/2016	17:13
Vinyl chloride	**582**	ug/L		3/11/2016	17:13

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**97.7**	81.6 - 118		3/11/2016	17:13
4-Bromofluorobenzene	**93.6**	79.5 - 115		3/11/2016	17:13
Pentafluorobenzene	**102**	91.4 - 111		3/11/2016	17:13
Toluene-D8	**96.8**	89.8 - 108		3/11/2016	17:13

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x30089.D

Report Prepared Thursday, March 17, 2016

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 160970

Client: **Stantec**

Project Reference: Ward Street 190500014

Sample Identifier: WSR-MW-105-GW
Lab Sample ID: 160970-06 **Date Sampled:** 3/10/2016
Matrix: Groundwater **Date Received:** 3/10/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		3/11/2016 19:09
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		3/11/2016 19:09
1,1,2-Trichloroethane	< 2.00	ug/L		3/11/2016 19:09
1,1-Dichloroethane	< 2.00	ug/L		3/11/2016 19:09
1,1-Dichloroethene	< 2.00	ug/L		3/11/2016 19:09
1,2,3-Trichlorobenzene	< 5.00	ug/L		3/11/2016 19:09
1,2,4-Trichlorobenzene	< 5.00	ug/L		3/11/2016 19:09
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		3/11/2016 19:09
1,2-Dibromoethane	< 2.00	ug/L		3/11/2016 19:09
1,2-Dichlorobenzene	< 2.00	ug/L		3/11/2016 19:09
1,2-Dichloroethane	< 2.00	ug/L		3/11/2016 19:09
1,2-Dichloropropane	< 2.00	ug/L		3/11/2016 19:09
1,3-Dichlorobenzene	< 2.00	ug/L		3/11/2016 19:09
1,4-Dichlorobenzene	< 2.00	ug/L		3/11/2016 19:09
1,4-dioxane	< 20.0	ug/L		3/11/2016 19:09
2-Butanone	< 10.0	ug/L		3/11/2016 19:09
2-Hexanone	< 5.00	ug/L		3/11/2016 19:09
4-Methyl-2-pentanone	< 5.00	ug/L		3/11/2016 19:09
Acetone	< 10.0	ug/L		3/11/2016 19:09
Benzene	< 1.00	ug/L		3/11/2016 19:09
Bromochloromethane	< 5.00	ug/L		3/11/2016 19:09
Bromodichloromethane	< 2.00	ug/L		3/11/2016 19:09
Bromoform	< 5.00	ug/L		3/11/2016 19:09
Bromomethane	< 2.00	ug/L		3/11/2016 19:09
Carbon disulfide	< 2.00	ug/L		3/11/2016 19:09
Carbon Tetrachloride	< 2.00	ug/L		3/11/2016 19:09
Chlorobenzene	< 2.00	ug/L		3/11/2016 19:09
Chloroethane	< 2.00	ug/L		3/11/2016 19:09
Chloroform	< 2.00	ug/L		3/11/2016 19:09

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 160970

Client: **Stantec**

Project Reference: Ward Street 190500014

Sample Identifier: WSR-MW-105-GW
Lab Sample ID: 160970-06 **Date Sampled:** 3/10/2016
Matrix: Groundwater **Date Received:** 3/10/2016

Chloromethane	< 2.00	ug/L	3/11/2016	19:09
cis-1,2-Dichloroethene	**129**	ug/L	3/11/2016	19:09
cis-1,3-Dichloropropene	< 2.00	ug/L	3/11/2016	19:09
Cyclohexane	< 10.0	ug/L	3/11/2016	19:09
Dibromochloromethane	< 2.00	ug/L	3/11/2016	19:09
Dichlorodifluoromethane	< 2.00	ug/L	3/11/2016	19:09
Ethylbenzene	< 2.00	ug/L	3/11/2016	19:09
Freon 113	< 2.00	ug/L	3/11/2016	19:09
Isopropylbenzene	< 2.00	ug/L	3/11/2016	19:09
m,p-Xylene	< 2.00	ug/L	3/11/2016	19:09
Methyl acetate	< 2.00	ug/L	3/11/2016	19:09
Methyl tert-butyl Ether	< 2.00	ug/L	3/11/2016	19:09
Methylcyclohexane	< 2.00	ug/L	3/11/2016	19:09
Methylene chloride	< 5.00	ug/L	3/11/2016	19:09
o-Xylene	< 2.00	ug/L	3/11/2016	19:09
Styrene	< 5.00	ug/L	3/11/2016	19:09
Tetrachloroethene	**2.36**	ug/L	3/11/2016	19:09
Toluene	< 2.00	ug/L	3/11/2016	19:09
trans-1,2-Dichloroethene	**115**	ug/L	3/11/2016	19:09
trans-1,3-Dichloropropene	< 2.00	ug/L	3/11/2016	19:09
Trichloroethene	**10.1**	ug/L	3/11/2016	19:09
Trichlorofluoromethane	< 2.00	ug/L	3/11/2016	19:09
Vinyl chloride	**55.5**	ug/L	3/11/2016	19:09

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**102**	81.6 - 118		3/11/2016	19:09
4-Bromofluorobenzene	**91.1**	79.5 - 115		3/11/2016	19:09
Pentafluorobenzene	**97.7**	91.4 - 111		3/11/2016	19:09
Toluene-D8	**95.0**	89.8 - 108		3/11/2016	19:09

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x30094.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 160970

Client: **Stantec**

Project Reference: Ward Street 190500014

Sample Identifier: Trip Blank (T-693)
Lab Sample ID: 160970-07 **Date Sampled:** 3/9/2016
Matrix: Water **Date Received:** 3/10/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		3/11/2016 16:26
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		3/11/2016 16:26
1,1,2-Trichloroethane	< 2.00	ug/L		3/11/2016 16:26
1,1-Dichloroethane	< 2.00	ug/L		3/11/2016 16:26
1,1-Dichloroethene	< 2.00	ug/L		3/11/2016 16:26
1,2,3-Trichlorobenzene	< 5.00	ug/L		3/11/2016 16:26
1,2,4-Trichlorobenzene	< 5.00	ug/L		3/11/2016 16:26
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		3/11/2016 16:26
1,2-Dibromoethane	< 2.00	ug/L		3/11/2016 16:26
1,2-Dichlorobenzene	< 2.00	ug/L		3/11/2016 16:26
1,2-Dichloroethane	< 2.00	ug/L		3/11/2016 16:26
1,2-Dichloropropane	< 2.00	ug/L		3/11/2016 16:26
1,3-Dichlorobenzene	< 2.00	ug/L		3/11/2016 16:26
1,4-Dichlorobenzene	< 2.00	ug/L		3/11/2016 16:26
1,4-dioxane	< 20.0	ug/L		3/11/2016 16:26
2-Butanone	< 10.0	ug/L		3/11/2016 16:26
2-Hexanone	< 5.00	ug/L		3/11/2016 16:26
4-Methyl-2-pentanone	< 5.00	ug/L		3/11/2016 16:26
Acetone	< 10.0	ug/L		3/11/2016 16:26
Benzene	< 1.00	ug/L		3/11/2016 16:26
Bromochloromethane	< 5.00	ug/L		3/11/2016 16:26
Bromodichloromethane	< 2.00	ug/L		3/11/2016 16:26
Bromoform	< 5.00	ug/L		3/11/2016 16:26
Bromomethane	< 2.00	ug/L		3/11/2016 16:26
Carbon disulfide	< 2.00	ug/L		3/11/2016 16:26
Carbon Tetrachloride	< 2.00	ug/L		3/11/2016 16:26
Chlorobenzene	< 2.00	ug/L		3/11/2016 16:26
Chloroethane	< 2.00	ug/L		3/11/2016 16:26
Chloroform	< 2.00	ug/L		3/11/2016 16:26

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 160970

Client: **Stantec**

Project Reference: Ward Street 190500014

Sample Identifier: Trip Blank (T-693)
Lab Sample ID: 160970-07 **Date Sampled:** 3/9/2016
Matrix: Water **Date Received:** 3/10/2016

Chloromethane	< 2.00	ug/L	3/11/2016	16:26
cis-1,2-Dichloroethene	< 2.00	ug/L	3/11/2016	16:26
cis-1,3-Dichloropropene	< 2.00	ug/L	3/11/2016	16:26
Cyclohexane	< 10.0	ug/L	3/11/2016	16:26
Dibromochloromethane	< 2.00	ug/L	3/11/2016	16:26
Dichlorodifluoromethane	< 2.00	ug/L	3/11/2016	16:26
Ethylbenzene	< 2.00	ug/L	3/11/2016	16:26
Freon 113	< 2.00	ug/L	3/11/2016	16:26
Isopropylbenzene	< 2.00	ug/L	3/11/2016	16:26
m,p-Xylene	< 2.00	ug/L	3/11/2016	16:26
Methyl acetate	< 2.00	ug/L	3/11/2016	16:26
Methyl tert-butyl Ether	< 2.00	ug/L	3/11/2016	16:26
Methylcyclohexane	< 2.00	ug/L	3/11/2016	16:26
Methylene chloride	< 5.00	ug/L	3/11/2016	16:26
o-Xylene	< 2.00	ug/L	3/11/2016	16:26
Styrene	< 5.00	ug/L	3/11/2016	16:26
Tetrachloroethene	< 2.00	ug/L	3/11/2016	16:26
Toluene	< 2.00	ug/L	3/11/2016	16:26
trans-1,2-Dichloroethene	< 2.00	ug/L	3/11/2016	16:26
trans-1,3-Dichloropropene	< 2.00	ug/L	3/11/2016	16:26
Trichloroethene	< 2.00	ug/L	3/11/2016	16:26
Trichlorofluoromethane	< 2.00	ug/L	3/11/2016	16:26
Vinyl chloride	< 2.00	ug/L	3/11/2016	16:26

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**96.4**	81.6 - 118		3/11/2016	16:26
4-Bromofluorobenzene	**99.3**	79.5 - 115		3/11/2016	16:26
Pentafluorobenzene	**101**	91.4 - 111		3/11/2016	16:26
Toluene-D8	**97.0**	89.8 - 108		3/11/2016	16:26

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x30087.D

PARADIGM
ENVIRONMENTAL SERVICES, INC

Method Blank Report

Client: Stantec
Project Reference: Ward Street 190500014
Lab Project ID: 160970
SDG #: 0970-01
Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
1,1,1-Trichloroethane	<2.00	ug/L		3/11/2016	12:21
1,1,2,2-Tetrachloroethane	<2.00	ug/L		3/11/2016	12:21
1,1,2-Trichloroethane	<2.00	ug/L		3/11/2016	12:21
1,1-Dichloroethane	<2.00	ug/L		3/11/2016	12:21
1,1-Dichloroethene	<2.00	ug/L		3/11/2016	12:21
1,2,3-Trichlorobenzene	<5.00	ug/L		3/11/2016	12:21
1,2,4-Trichlorobenzene	<5.00	ug/L		3/11/2016	12:21
1,2-Dibromo-3-Chloropropane	<10.0	ug/L		3/11/2016	12:21
1,2-Dibromoethane	<2.00	ug/L		3/11/2016	12:21
1,2-Dichlorobenzene	<2.00	ug/L		3/11/2016	12:21
1,2-Dichloroethane	<2.00	ug/L		3/11/2016	12:21
1,2-Dichloropropane	<2.00	ug/L		3/11/2016	12:21
1,3-Dichlorobenzene	<2.00	ug/L		3/11/2016	12:21
1,4-Dichlorobenzene	<2.00	ug/L		3/11/2016	12:21
1,4-dioxane	<20.0	ug/L		3/11/2016	12:21
2-Butanone	<10.0	ug/L		3/11/2016	12:21
2-Hexanone	<5.00	ug/L		3/11/2016	12:21
4-Methyl-2-pentanone	<5.00	ug/L		3/11/2016	12:21
Acetone	<10.0	ug/L		3/11/2016	12:21
Benzene	<1.00	ug/L		3/11/2016	12:21
Bromochloromethane	<5.00	ug/L		3/11/2016	12:21
Bromodichloromethane	<2.00	ug/L		3/11/2016	12:21
Bromoform	<5.00	ug/L		3/11/2016	12:21
Bromomethane	<2.00	ug/L		3/11/2016	12:21
Carbon disulfide	<2.00	ug/L		3/11/2016	12:21
Carbon Tetrachloride	<2.00	ug/L		3/11/2016	12:21
Chlorobenzene	<2.00	ug/L		3/11/2016	12:21
Chloroethane	<2.00	ug/L		3/11/2016	12:21

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: Stantec
Project Reference: Ward Street 190500014
Lab Project ID: 160970
SDG #: 0970-01
Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
Chloroform	<2.00	ug/L		3/11/2016	12:21
Chloromethane	<2.00	ug/L		3/11/2016	12:21
cis-1,2-Dichloroethene	<2.00	ug/L		3/11/2016	12:21
cis-1,3-Dichloropropene	<2.00	ug/L		3/11/2016	12:21
Cyclohexane	<10.0	ug/L		3/11/2016	12:21
Dibromochloromethane	<2.00	ug/L		3/11/2016	12:21
Dichlorodifluoromethane	<2.00	ug/L		3/11/2016	12:21
Ethylbenzene	<2.00	ug/L		3/11/2016	12:21
Freon 113	<2.00	ug/L		3/11/2016	12:21
Isopropylbenzene	<2.00	ug/L		3/11/2016	12:21
m,p-Xylene	<2.00	ug/L		3/11/2016	12:21
Methyl acetate	<2.00	ug/L		3/11/2016	12:21
Methyl tert-butyl Ether	<2.00	ug/L		3/11/2016	12:21
Methylcyclohexane	<2.00	ug/L		3/11/2016	12:21
Methylene chloride	<5.00	ug/L		3/11/2016	12:21
o-Xylene	<2.00	ug/L		3/11/2016	12:21
Styrene	<5.00	ug/L		3/11/2016	12:21
Tetrachloroethene	<2.00	ug/L		3/11/2016	12:21
Toluene	<2.00	ug/L		3/11/2016	12:21
trans-1,2-Dichloroethene	<2.00	ug/L		3/11/2016	12:21
trans-1,3-Dichloropropene	<2.00	ug/L		3/11/2016	12:21
Trichloroethene	<2.00	ug/L		3/11/2016	12:21
Trichlorofluoromethane	<2.00	ug/L		3/11/2016	12:21
Vinyl chloride	<2.00	ug/L		3/11/2016	12:21

PARADIGM
ENVIRONMENTAL SERVICES, INC

Method Blank Report

Client: Stantec
Project Reference: Ward Street 190500014
Lab Project ID: 160970
SDG #: 0970-01
Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**101**	81.6 - 118		3/11/2016 12:21
4-Bromofluorobenzene	**89.1**	79.5 - 115		3/11/2016 12:21
Pentafluorobenzene	**96.7**	91.4 - 111		3/11/2016 12:21
Toluene-D8	**94.1**	89.8 - 108		3/11/2016 12:21

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x30077.D
QC Batch ID: voaw031116
QC Number: 1

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec
Project Reference: Ward Street 190500014
Lab Project ID: 160970
SDG #: 0970-01
Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
1,1,1-Trichloroethane	20.0	ug/L	20.7	104	79 - 121		3/11/2016
1,1,2,2-Tetrachloroethane	20.0	ug/L	17.4	87.1	78.6 - 125		3/11/2016
1,1,2-Trichloroethane	20.0	ug/L	18.5	92.7	81.5 - 114		3/11/2016
1,1-Dichloroethane	20.0	ug/L	19.7	98.7	80.3 - 117		3/11/2016
1,1-Dichloroethene	20.0	ug/L	21.7	108	78.1 - 122		3/11/2016
1,2-Dichlorobenzene	20.0	ug/L	17.9	89.3	84.5 - 121		3/11/2016
1,2-Dichloroethane	20.0	ug/L	20.5	103	79.3 - 124		3/11/2016
1,2-Dichloropropane	20.0	ug/L	18.4	92.2	82.1 - 114		3/11/2016
1,3-Dichlorobenzene	20.0	ug/L	17.3	86.7	79.2 - 118		3/11/2016
1,4-Dichlorobenzene	20.0	ug/L	19.4	96.9	81 - 114		3/11/2016
Benzene	20.0	ug/L	20.3	102	88.5 - 119		3/11/2016
Bromodichloromethane	20.0	ug/L	20.2	101	83.7 - 118		3/11/2016
Bromoform	20.0	ug/L	16.4	82.1	69.4 - 110		3/11/2016
Bromomethane	20.0	ug/L	24.9	125	43.6 - 163		3/11/2016
Carbon Tetrachloride	20.0	ug/L	20.7	103	75.5 - 125		3/11/2016
Chlorobenzene	20.0	ug/L	18.8	94.0	83.7 - 116		3/11/2016

Report Prepared Wednesday, March 16, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: **Stantec**
Project Reference: Ward Street 190500014
Lab Project ID: 160970
SDG #: 0970-01
Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Chloroethane	20.0	ug/L	23.2	116	61.6 - 141		3/11/2016
Chloroform	20.0	ug/L	21.3	106	84.9 - 120		3/11/2016
Chloromethane	20.0	ug/L	24.6	123	57.4 - 128		3/11/2016
cis-1,3-Dichloropropene	20.0	ug/L	18.9	94.3	96.1 - 131	*	3/11/2016
Dibromochloromethane	20.0	ug/L	18.6	93.0	80.7 - 116		3/11/2016
Ethylbenzene	20.0	ug/L	19.2	96.0	86.7 - 119		3/11/2016
Methylene chloride	20.0	ug/L	20.9	104	72 - 127		3/11/2016
Tetrachloroethene	20.0	ug/L	20.2	101	70.3 - 135		3/11/2016
Toluene	20.0	ug/L	19.7	98.6	86.7 - 116		3/11/2016
trans-1,2-Dichloroethene	20.0	ug/L	21.7	108	79.6 - 122		3/11/2016
trans-1,3-Dichloropropene	20.0	ug/L	17.9	89.4	87.2 - 121		3/11/2016
Trichloroethene	20.0	ug/L	19.8	99.0	85.1 - 118		3/11/2016
Trichlorofluoromethane	20.0	ug/L	24.0	120	67.5 - 127		3/11/2016
Vinyl chloride	20.0	ug/L	23.8	119	71.1 - 126		3/11/2016

Report Prepared *Wednesday, March 16, 2016*

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

QC Report for Laboratory Control Sample

Client: **Stantec**

Project Reference: Ward Street 190500014

Lab Project ID: 160970

SDG #: 0970-01

Matrix: Groundwater

Volatile Organics

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

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

Data File: x30076.D

QC Number: 1

QC Batch ID: voaw031116

PARADIGM
ENVIRONMENTAL SERVICES, INC

Method Blank Report

Client: Stantec
Project Reference: Ward Street 190500014
Lab Project ID: 160970
SDG #: 0970-01
Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
1,1,1-Trichloroethane	<2.00	ug/L		3/14/2016	12:22
1,1,2,2-Tetrachloroethane	<2.00	ug/L		3/14/2016	12:22
1,1,2-Trichloroethane	<2.00	ug/L		3/14/2016	12:22
1,1-Dichloroethane	<2.00	ug/L		3/14/2016	12:22
1,1-Dichloroethene	<2.00	ug/L		3/14/2016	12:22
1,2,3-Trichlorobenzene	<5.00	ug/L		3/14/2016	12:22
1,2,4-Trichlorobenzene	<5.00	ug/L		3/14/2016	12:22
1,2-Dibromo-3-Chloropropane	<10.0	ug/L		3/14/2016	12:22
1,2-Dibromoethane	<2.00	ug/L		3/14/2016	12:22
1,2-Dichlorobenzene	<2.00	ug/L		3/14/2016	12:22
1,2-Dichloroethane	<2.00	ug/L		3/14/2016	12:22
1,2-Dichloropropane	<2.00	ug/L		3/14/2016	12:22
1,3-Dichlorobenzene	<2.00	ug/L		3/14/2016	12:22
1,4-Dichlorobenzene	<2.00	ug/L		3/14/2016	12:22
1,4-dioxane	<20.0	ug/L		3/14/2016	12:22
2-Butanone	<10.0	ug/L		3/14/2016	12:22
2-Hexanone	<5.00	ug/L		3/14/2016	12:22
4-Methyl-2-pentanone	<5.00	ug/L		3/14/2016	12:22
Acetone	<10.0	ug/L		3/14/2016	12:22
Benzene	<1.00	ug/L		3/14/2016	12:22
Bromochloromethane	<5.00	ug/L		3/14/2016	12:22
Bromodichloromethane	<2.00	ug/L		3/14/2016	12:22
Bromoform	<5.00	ug/L		3/14/2016	12:22
Bromomethane	<2.00	ug/L		3/14/2016	12:22
Carbon disulfide	<2.00	ug/L		3/14/2016	12:22
Carbon Tetrachloride	<2.00	ug/L		3/14/2016	12:22
Chlorobenzene	<2.00	ug/L		3/14/2016	12:22
Chloroethane	<2.00	ug/L		3/14/2016	12:22

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

Report Prepared Wednesday, March 16, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: **Stantec**
Project Reference: Ward Street 190500014
Lab Project ID: 160970
SDG #: 0970-01
Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
Chloroform	<2.00	ug/L		3/14/2016	12:22
Chloromethane	<2.00	ug/L		3/14/2016	12:22
cis-1,2-Dichloroethene	<2.00	ug/L		3/14/2016	12:22
cis-1,3-Dichloropropene	<2.00	ug/L		3/14/2016	12:22
Cyclohexane	<10.0	ug/L		3/14/2016	12:22
Dibromochloromethane	<2.00	ug/L		3/14/2016	12:22
Dichlorodifluoromethane	<2.00	ug/L		3/14/2016	12:22
Ethylbenzene	<2.00	ug/L		3/14/2016	12:22
Freon 113	<2.00	ug/L		3/14/2016	12:22
Isopropylbenzene	<2.00	ug/L		3/14/2016	12:22
m,p-Xylene	<2.00	ug/L		3/14/2016	12:22
Methyl acetate	<2.00	ug/L		3/14/2016	12:22
Methyl tert-butyl Ether	<2.00	ug/L		3/14/2016	12:22
Methylcyclohexane	<2.00	ug/L		3/14/2016	12:22
Methylene chloride	<5.00	ug/L		3/14/2016	12:22
o-Xylene	<2.00	ug/L		3/14/2016	12:22
Styrene	<5.00	ug/L		3/14/2016	12:22
Tetrachloroethene	<2.00	ug/L		3/14/2016	12:22
Toluene	<2.00	ug/L		3/14/2016	12:22
trans-1,2-Dichloroethene	<2.00	ug/L		3/14/2016	12:22
trans-1,3-Dichloropropene	<2.00	ug/L		3/14/2016	12:22
Trichloroethene	<2.00	ug/L		3/14/2016	12:22
Trichlorofluoromethane	<2.00	ug/L		3/14/2016	12:22
Vinyl chloride	<2.00	ug/L		3/14/2016	12:22

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x31011.D
QC Batch ID: voaw031416
QC Number: 1

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

Report Prepared Wednesday, March 16, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC

QC Report for Laboratory Control Sample

Client: **Stantec**

Project Reference: Ward Street 190500014

Lab Project ID: 160970

SDG #: 0970-01

Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
1,1,1-Trichloroethane	20.0	ug/L	21.1	106	79 - 121		3/14/2016
1,1,2,2-Tetrachloroethane	20.0	ug/L	17.4	87.0	78.6 - 125		3/14/2016
1,1,2-Trichloroethane	20.0	ug/L	18.6	93.2	81.5 - 114		3/14/2016
1,1-Dichloroethane	20.0	ug/L	19.8	98.9	80.3 - 117		3/14/2016
1,1-Dichloroethene	20.0	ug/L	21.6	108	78.1 - 122		3/14/2016
1,2-Dichlorobenzene	20.0	ug/L	17.3	86.5	84.5 - 121		3/14/2016
1,2-Dichloroethane	20.0	ug/L	20.4	102	79.3 - 124		3/14/2016
1,2-Dichloropropane	20.0	ug/L	18.3	91.3	82.1 - 114		3/14/2016
1,3-Dichlorobenzene	20.0	ug/L	17.1	85.6	79.2 - 118		3/14/2016
1,4-Dichlorobenzene	20.0	ug/L	18.9	94.3	81 - 114		3/14/2016
Benzene	20.0	ug/L	20.3	102	88.5 - 119		3/14/2016
Bromodichloromethane	20.0	ug/L	20.1	101	83.7 - 118		3/14/2016
Bromoform	20.0	ug/L	17.1	85.4	69.4 - 110		3/14/2016
Bromomethane	20.0	ug/L	23.4	117	43.6 - 163		3/14/2016
Carbon Tetrachloride	20.0	ug/L	21.3	106	75.5 - 125		3/14/2016
Chlorobenzene	20.0	ug/L	18.7	93.5	83.7 - 116		3/14/2016

Report Prepared Wednesday, March 16, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec
Project Reference: Ward Street 190500014
Lab Project ID: 160970
SDG #: 0970-01
Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Chloroethane	20.0	ug/L	23.2	116	61.6 - 141		3/14/2016
Chloroform	20.0	ug/L	21.1	106	84.9 - 120		3/14/2016
Chloromethane	20.0	ug/L	24.1	121	57.4 - 128		3/14/2016
cis-1,3-Dichloropropene	20.0	ug/L	18.9	94.6	96.1 - 131	*	3/14/2016
Dibromochloromethane	20.0	ug/L	18.8	94.1	80.7 - 116		3/14/2016
Ethylbenzene	20.0	ug/L	18.9	94.3	86.7 - 119		3/14/2016
Methylene chloride	20.0	ug/L	20.9	104	72 - 127		3/14/2016
Tetrachloroethene	20.0	ug/L	19.8	98.9	70.3 - 135		3/14/2016
Toluene	20.0	ug/L	19.6	98.2	86.7 - 116		3/14/2016
trans-1,2-Dichloroethene	20.0	ug/L	21.5	108	79.6 - 122		3/14/2016
trans-1,3-Dichloropropene	20.0	ug/L	18.0	89.8	87.2 - 121		3/14/2016
Trichloroethene	20.0	ug/L	20.0	100	85.1 - 118		3/14/2016
Trichlorofluoromethane	20.0	ug/L	24.2	121	67.5 - 127		3/14/2016
Vinyl chloride	20.0	ug/L	23.7	118	71.1 - 126		3/14/2016

Report Prepared Wednesday, March 16, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC

QC Report for Laboratory Control Sample

Client: Stantec
Project Reference: Ward Street 190500014
Lab Project ID: 160970
SDG #: 0970-01
Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Method Reference(s):	EPA 8260C EPA 5030C						
Data File:	x31010.D						
QC Number:	1						
QC Batch ID:	voaw031416						

Analytical Report Appendix

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

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

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

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

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

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

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

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

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

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

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

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

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

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

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

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

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

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

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

CHAIN OF CUSTODY

PARADIGM

REPORT TO:		INVOICE TO:		
CLIENT: Stantec		CLIENT: Same		LAB PROJECT ID: 160970
ADDRESS: 61 Commercial St. Suite 100		ADDRESS:		Quotation #:
CITY: Rochester STATE: NY ZIP: 14614		CITY: STATE: ZIP:		Email: Mike.Staronskye stantec.com
PHONE: 585 413 5266		PHONE:		
ATTN: Mike Staronsky		ATTN: Ben Haravitch		

PROJECT REFERENCE: Ward Street 190500014

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	TCL VOCs (8260)	TOC (5310)	REMARKS	PARADIGM LAB SAMPLE NUMBER
3/9/2016	1020		X	828-MW-23-GW	WG	4	X	X		01
	1120		X	828-MW-23R-GW						02
	1320			WSR-MW-16-GW						03
	1440			WSR-MW-16R-GW						04
3/10/2016	0945			WSR-MW-207R-GW						05
"	1140			WSR-MW-105-GW						06
3/9/16	—			Trip Blank (CT-693)	WA	1				07
per TB protocol @ 3/10/16				per sample label @ 3/10/16						

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

Benjamin Haravitch — Sampled By — 3/10/2016 1140 — Date/Time — Total Cost:

Benjamin Haravitch — Relinquished By — 3/10/2016 1400 — Date/Time

[signature] — Received By — 3/10/16 1400 — Date/Time — P.I.F.

[signature] — Received @ Lab By — 3/10/16 14:36 — Date/Time

6°C iced 3/10/16 14:25. Custody Seal n/A, Samples delivered by client @ 3/10/16

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

See additional page for sample conditions.

Chain of Custody Supplement

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

Lab Project ID: 160970 **Date:** 3/10/16

Sample Condition Requirements

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

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X VOA		X
Comments			
Preservation	X		
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		
Comments	6°C iced 3/10/16 14:25		
Sufficient Sample Quantity	X		
Comments			

ANALYTICAL REPORT

Lab Number:	L1606923
Client:	Paradigm Environmental Services 179 Lake Avenue Rochester, NY 14608
ATTN:	Kate Hansen
Phone:	(585) 647-2530
Project Name:	160970
Project Number:	160970
Report Date:	03/16/16

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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

Project Name: 160970
Project Number: 160970

Lab Number: L1606923
Report Date: 03/16/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1606923-01	160970-01 828-MW-23-GW	WATER	Not Specified	03/09/16 10:20	03/10/16
L1606923-02	160970-02 828-MW-23R-GW	WATER	Not Specified	03/09/16 11:20	03/10/16
L1606923-03	160970-03 WSR-MW-16-GW	WATER	Not Specified	03/09/16 13:20	03/10/16
L1606923-04	160970-04 WSR-MW-16R-GW	WATER	Not Specified	03/09/16 14:40	03/10/16
L1606923-05	160970-05 WSR-MW-207R-GW	WATER	Not Specified	03/10/16 09:45	03/10/16
L1606923-06	160970-06 WSR-MW-105-GW	WATER	Not Specified	03/10/16 11:40	03/10/16

Project Name:	160970	**Lab Number:**	L1606923
Project Number:	160970	**Report Date:**	03/16/16

Case Narrative

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

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

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

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

HOLD POLICY

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

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

Project Name:	160970	**Lab Number:**	L1606923
Project Number:	160970	**Report Date:**	03/16/16

Case Narrative (continued)

Report Submission

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

Total Organic Carbon

L1606923-01: The sample has an elevated detection limit due to the dilution required by the sample matrix.

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

Authorized Signature: Lura L Troy

Title: Technical Director/Representative Date: 03/16/16

INORGANICS
&
MISCELLANEOUS

Project Name: 160970
Project Number: 160970

Lab Number: L1606923
Report Date: 03/16/16

SAMPLE RESULTS

Lab ID: L1606923-01
Client ID: 160970-01 828-MW-23-GW
Sample Location: Not Specified
Matrix: Water

Date Collected: 03/09/16 10:20
Date Received: 03/10/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	9.17	J	mg/l	10.0	2.28	20	-	03/14/16 08:27	30,5310C	DW

Project Name: 160970
Project Number: 160970

Lab Number: L1606923
Report Date: 03/16/16

SAMPLE RESULTS

Lab ID: L1606923-02
Client ID: 160970-02 828-MW-23R-GW
Sample Location: Not Specified
Matrix: Water

Date Collected: 03/09/16 11:20
Date Received: 03/10/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	12.0		mg/l	5.00	1.14	10	-	03/14/16 08:27	30,5310C	DW

Project Name: 160970
Project Number: 160970

Lab Number: L1606923
Report Date: 03/16/16

SAMPLE RESULTS

Lab ID: L1606923-03
Client ID: 160970-03 WSR-MW-16-GW
Sample Location: Not Specified
Matrix: Water

Date Collected: 03/09/16 13:20
Date Received: 03/10/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	10.8		mg/l	10.0	2.28	20	-	03/14/16 08:27	30,5310C	DW

Project Name: 160970
Project Number: 160970

Lab Number: L1606923
Report Date: 03/16/16

SAMPLE RESULTS

Lab ID: L1606923-04
Client ID: 160970-04 WSR-MW-16R-GW
Sample Location: Not Specified
Matrix: Water

Date Collected: 03/09/16 14:40
Date Received: 03/10/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	10.3		mg/l	5.00	1.14	10	-	03/14/16 08:27	30,5310C	DW

Project Name: 160970
Project Number: 160970

Lab Number: L1606923
Report Date: 03/16/16

SAMPLE RESULTS

Lab ID: L1606923-05
Client ID: 160970-05 WSR-MW-207R-GW
Sample Location: Not Specified
Matrix: Water

Date Collected: 03/10/16 09:45
Date Received: 03/10/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	11.7		mg/l	5.00	1.14	10	-	03/14/16 08:27	30,5310C	DW

Project Name: 160970
Project Number: 160970

Lab Number: L1606923
Report Date: 03/16/16

SAMPLE RESULTS

Lab ID: L1606923-06
Client ID: 160970-06 WSR-MW-105-GW
Sample Location: Not Specified
Matrix: Water

Date Collected: 03/10/16 11:40
Date Received: 03/10/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Total Organic Carbon	6.14		mg/l	2.50	0.570	5	-	03/14/16 08:27	30,5310C	DW

Project Name: 160970 **Lab Number:** L1606923

Project Number: 160970 **Report Date:** 03/16/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG873467-1										
Total Organic Carbon	ND		mg/l	0.500	0.114	1	-	03/14/16 08:27	30,5310C	DW

Lab Control Sample Analysis

Batch Quality Control

Project Name: 160970
Project Number: 160970

Lab Number: L1606923
Report Date: 03/16/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG873467-2								
Total Organic Carbon	100		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 160970
Project Number: 160970

Lab Number: L1606923
Report Date: 03/16/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG873467-4 QC Sample: L1606105-01 Client ID: MS Sample												
Total Organic Carbon	13.8	40	60.4	116		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 160970
Project Number: 160970

Lab Number: L1606923
Report Date: 03/16/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG873467-3 QC Sample: L1606105-01 Client ID: DUP Sample						
Total Organic Carbon	13.8	13.2	mg/l	4		20

Project Name: 160970
Project Number: 160970

Lab Number: L1606923
Report Date: 03/16/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1606923-01A	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-5310(28)
L1606923-01B	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-5310(28)
L1606923-02A	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-5310(28)
L1606923-02B	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-5310(28)
L1606923-03A	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-5310(28)
L1606923-03B	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-5310(28)
L1606923-04A	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-5310(28)
L1606923-04B	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-5310(28)
L1606923-05A	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-5310(28)
L1606923-05B	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-5310(28)
L1606923-06A	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-5310(28)
L1606923-06B	Vial H2SO4 preserved	A	N/A	3.1	Y	Absent	TOC-5310(28)

*Values in parentheses indicate holding time in days

Project Name:	160970	**Lab Number:**	L1606923
Project Number:	160970	**Report Date:**	03/16/16

GLOSSARY

Acronyms

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

Footnotes

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

Terms

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

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

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	160970	**Lab Number:**	L1606923
Project Number:	160970	**Report Date:**	03/16/16

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	160970	**Lab Number:**	L1606923
Project Number:	160970	**Report Date:**	03/16/16

REFERENCES

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
EPA 8270D: NPW: Biphenyl; SCM: Biphenyl, Caprolactam
EPA 8270D-SIM Isotope Dilution: SCM: 1,4-Dioxane
SM 2540D: TSS
SM2540G: SCM: Percent Solids
EPA 1631E: SCM: Mercury
EPA 7474: SCM: Mercury
EPA 8081B: NPW and SCM: Mirex, Hexachlorobenzene.
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA 8270-SIM: NPW and SCM: Alkylated PAHs.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene, n-Butylbenzene, n-Propylbenzene, sec-Butylbenzene, tert-Butylbenzene.
Biological Tissue Matrix: ***8270D-SIM; 3050B; 3051A; 7471B; 8081B; 8082A; 6020A:*** Lead***; 8270D:*** bis(2-ethylhexyl)phthalate, Butylbenzylphthalate, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate, Di-n-octyl phthalate, Fluoranthene, Pentachlorophenol.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

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

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

L1606925
1 of 1

11148

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES INC.

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:	179 Lake Avenue	ADDRESS:			
CITY: Rochester STATE: NY ZIP: 14608		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS) STD OTHER	
PHONE: FAX:		PHONE: FAX:		☐ 1 ☐ 2 ☐ 3 ☒ 5 ☐	
PROJECT NAME/SITE NAME:	ATTN: Kate Hansen	ATTN:	Meridith Dillman		
	COMMENTS: Please email results to khansen@paradigmenv.com and reporting@paradigmenv.com			Date Due: 3/18/16 for data	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	TOC	REMARKS	PARADIGM LAB SAMPLE NUMBER
									Report J Flags. ASP Cat A Package Due 4/1/16 SOG closed. SW-846 HT's.	
1	3/9/16	10:20		X	160970-01	Ground Water	2	X	828-MW-23-GW	
2	↓	11:20		↓	-02	↓	↓	↓	828-MW-23R-GW	
3		13:20			-03				WSR-MW-16-GW	
4	↓	14:40			-04				WSR-MW-16R-GW	
5	3/10/16	09:45			-05				WSR-MW-207A-GW	
6	↓	11:40		↓	-06	↓	↓	↓	WSR-MW-105-GW	
7										
8										
9										
10										

LAB USE ONLY BELOW THIS LINE

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

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

Client

Sampled By	Date/Time	
[signature]	3/10/16	16:00
Relinquished By	Date/Time	
[signature] AAL	3/10/16	1635
Received By	Date/Time	
[signature] AAL	3/10/16	
Received By	Date/Time	
[signature]	3/11/16	0100
Received @ Lab By	Date/Time	

Total Cost:

P.I.F. ☐

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B1-S		
Lab Sample ID:	162126-01	**Date Sampled:**	5/23/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 8.32	ug/Kg		6/3/2016 19:19
1,1,2,2-Tetrachloroethane	< 8.32	ug/Kg		6/3/2016 19:19
1,1,2-Trichloroethane	< 8.32	ug/Kg		6/3/2016 19:19
1,1-Dichloroethane	< 8.32	ug/Kg		6/3/2016 19:19
1,1-Dichloroethene	< 8.32	ug/Kg		6/3/2016 19:19
1,2,3-Trichlorobenzene	< 20.8	ug/Kg		6/3/2016 19:19
1,2,4-Trichlorobenzene	< 20.8	ug/Kg		6/3/2016 19:19
1,2-Dibromo-3-Chloropropane	< 41.6	ug/Kg		6/3/2016 19:19
1,2-Dibromoethane	< 8.32	ug/Kg		6/3/2016 19:19
1,2-Dichlorobenzene	< 8.32	ug/Kg		6/3/2016 19:19
1,2-Dichloroethane	< 8.32	ug/Kg		6/3/2016 19:19
1,2-Dichloropropane	< 8.32	ug/Kg		6/3/2016 19:19
1,3-Dichlorobenzene	< 8.32	ug/Kg		6/3/2016 19:19
1,4-Dichlorobenzene	< 8.32	ug/Kg		6/3/2016 19:19
1,4-dioxane	< 83.2	ug/Kg		6/3/2016 19:19
2-Butanone	< 41.6	ug/Kg		6/3/2016 19:19
2-Hexanone	< 20.8	ug/Kg		6/3/2016 19:19
4-Methyl-2-pentanone	< 20.8	ug/Kg		6/3/2016 19:19
Acetone	< 41.6	ug/Kg		6/3/2016 19:19
Benzene	< 8.32	ug/Kg		6/3/2016 19:19
Bromochloromethane	< 20.8	ug/Kg		6/3/2016 19:19
Bromodichloromethane	< 8.32	ug/Kg		6/3/2016 19:19
Bromoform	< 20.8	ug/Kg		6/3/2016 19:19
Bromomethane	< 8.32	ug/Kg		6/3/2016 19:19
Carbon disulfide	**5.84**	ug/Kg	J	6/3/2016 19:19
Carbon Tetrachloride	< 8.32	ug/Kg		6/3/2016 19:19
Chlorobenzene	< 8.32	ug/Kg		6/3/2016 19:19

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B1-S
Lab Sample ID: 162126-01 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 8.32	ug/Kg	6/3/2016	19:19
Chloroform	< 8.32	ug/Kg	6/3/2016	19:19
Chloromethane	< 8.32	ug/Kg	6/3/2016	19:19
cis-1,2-Dichloroethene	**608**	ug/Kg	6/3/2016	19:19
cis-1,3-Dichloropropene	< 8.32	ug/Kg	6/3/2016	19:19
Cyclohexane	< 41.6	ug/Kg	6/3/2016	19:19
Dibromochloromethane	< 8.32	ug/Kg	6/3/2016	19:19
Dichlorodifluoromethane	< 8.32	ug/Kg	6/3/2016	19:19
Ethylbenzene	< 8.32	ug/Kg	6/3/2016	19:19
Freon 113	< 8.32	ug/Kg	6/3/2016	19:19
Isopropylbenzene	< 8.32	ug/Kg	6/3/2016	19:19
m,p-Xylene	< 8.32	ug/Kg	6/3/2016	19:19
Methyl acetate	< 8.32	ug/Kg	6/3/2016	19:19
Methyl tert-butyl Ether	< 8.32	ug/Kg	6/3/2016	19:19
Methylcyclohexane	< 8.32	ug/Kg	6/3/2016	19:19
Methylene chloride	< 20.8	ug/Kg	6/3/2016	19:19
o-Xylene	< 8.32	ug/Kg	6/3/2016	19:19
Styrene	< 20.8	ug/Kg	6/3/2016	19:19
Tetrachloroethene	**565**	ug/Kg	6/3/2016	19:19
Toluene	< 8.32	ug/Kg	6/3/2016	19:19
trans-1,2-Dichloroethene	< 8.32	ug/Kg	6/3/2016	19:19
trans-1,3-Dichloropropene	< 8.32	ug/Kg	6/3/2016	19:19
Trichloroethene	**97.1**	ug/Kg	6/3/2016	19:19
Trichlorofluoromethane	< 8.32	ug/Kg	6/3/2016	19:19
Vinyl chloride	< 8.32	ug/Kg	6/3/2016	19:19

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B1-S

Lab Sample ID: 162126-01 **Date Sampled:** 5/23/2016

Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**111**	85.4 - 122		6/3/2016 19:19
4-Bromofluorobenzene	**96.3**	81.1 - 115		6/3/2016 19:19
Pentafluorobenzene	**96.6**	90.7 - 109		6/3/2016 19:19
Toluene-D8	**101**	88.5 - 110		6/3/2016 19:19

Method Reference(s): EPA 8260C
EPA 5035

Data File: x32918.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B2-S		
Lab Sample ID:	162126-02	**Date Sampled:**	5/23/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 7.96	ug/Kg		6/3/2016 19:43
1,1,2,2-Tetrachloroethane	< 7.96	ug/Kg		6/3/2016 19:43
1,1,2-Trichloroethane	< 7.96	ug/Kg		6/3/2016 19:43
1,1-Dichloroethane	< 7.96	ug/Kg		6/3/2016 19:43
1,1-Dichloroethene	< 7.96	ug/Kg		6/3/2016 19:43
1,2,3-Trichlorobenzene	< 19.9	ug/Kg		6/3/2016 19:43
1,2,4-Trichlorobenzene	< 19.9	ug/Kg		6/3/2016 19:43
1,2-Dibromo-3-Chloropropane	< 39.8	ug/Kg		6/3/2016 19:43
1,2-Dibromoethane	< 7.96	ug/Kg		6/3/2016 19:43
1,2-Dichlorobenzene	< 7.96	ug/Kg		6/3/2016 19:43
1,2-Dichloroethane	< 7.96	ug/Kg		6/3/2016 19:43
1,2-Dichloropropane	< 7.96	ug/Kg		6/3/2016 19:43
1,3-Dichlorobenzene	< 7.96	ug/Kg		6/3/2016 19:43
1,4-Dichlorobenzene	< 7.96	ug/Kg		6/3/2016 19:43
1,4-dioxane	< 79.6	ug/Kg		6/3/2016 19:43
2-Butanone	< 39.8	ug/Kg		6/3/2016 19:43
2-Hexanone	< 19.9	ug/Kg		6/3/2016 19:43
4-Methyl-2-pentanone	< 19.9	ug/Kg		6/3/2016 19:43
Acetone	< 39.8	ug/Kg		6/3/2016 19:43
Benzene	< 7.96	ug/Kg		6/3/2016 19:43
Bromochloromethane	< 19.9	ug/Kg		6/3/2016 19:43
Bromodichloromethane	< 7.96	ug/Kg		6/3/2016 19:43
Bromoform	< 19.9	ug/Kg		6/3/2016 19:43
Bromomethane	< 7.96	ug/Kg		6/3/2016 19:43
Carbon disulfide	< 7.96	ug/Kg		6/3/2016 19:43
Carbon Tetrachloride	< 7.96	ug/Kg		6/3/2016 19:43
Chlorobenzene	< 7.96	ug/Kg		6/3/2016 19:43

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B2-S
Lab Sample ID: 162126-02 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 7.96	ug/Kg	6/3/2016	19:43
Chloroform	< 7.96	ug/Kg	6/3/2016	19:43
Chloromethane	< 7.96	ug/Kg	6/3/2016	19:43
cis-1,2-Dichloroethene	< 7.96	ug/Kg	6/3/2016	19:43
cis-1,3-Dichloropropene	< 7.96	ug/Kg	6/3/2016	19:43
Cyclohexane	< 39.8	ug/Kg	6/3/2016	19:43
Dibromochloromethane	< 7.96	ug/Kg	6/3/2016	19:43
Dichlorodifluoromethane	< 7.96	ug/Kg	6/3/2016	19:43
Ethylbenzene	< 7.96	ug/Kg	6/3/2016	19:43
Freon 113	< 7.96	ug/Kg	6/3/2016	19:43
Isopropylbenzene	< 7.96	ug/Kg	6/3/2016	19:43
m,p-Xylene	< 7.96	ug/Kg	6/3/2016	19:43
Methyl acetate	< 7.96	ug/Kg	6/3/2016	19:43
Methyl tert-butyl Ether	< 7.96	ug/Kg	6/3/2016	19:43
Methylcyclohexane	< 7.96	ug/Kg	6/3/2016	19:43
Methylene chloride	< 19.9	ug/Kg	6/3/2016	19:43
o-Xylene	< 7.96	ug/Kg	6/3/2016	19:43
Styrene	< 19.9	ug/Kg	6/3/2016	19:43
Tetrachloroethene	**516**	ug/Kg	6/3/2016	19:43
Toluene	< 7.96	ug/Kg	6/3/2016	19:43
trans-1,2-Dichloroethene	< 7.96	ug/Kg	6/3/2016	19:43
trans-1,3-Dichloropropene	< 7.96	ug/Kg	6/3/2016	19:43
Trichloroethene	< 7.96	ug/Kg	6/3/2016	19:43
Trichlorofluoromethane	< 7.96	ug/Kg	6/3/2016	19:43
Vinyl chloride	< 7.96	ug/Kg	6/3/2016	19:43

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B2-S

Lab Sample ID: 162126-02 **Date Sampled:** 5/23/2016

Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**108**	85.4 - 122		6/3/2016	19:43
4-Bromofluorobenzene	**91.4**	81.1 - 115		6/3/2016	19:43
Pentafluorobenzene	**87.9**	90.7 - 109	*	6/3/2016	19:43
Toluene-D8	**97.6**	88.5 - 110		6/3/2016	19:43

Method Reference(s): EPA 8260C
EPA 5035

Data File: x32919.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B3-S		
Lab Sample ID:	162126-03	**Date Sampled:**	5/23/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.02	ug/Kg		6/2/2016 18:29
1,1,2,2-Tetrachloroethane	< 4.02	ug/Kg		6/2/2016 18:29
1,1,2-Trichloroethane	< 4.02	ug/Kg		6/2/2016 18:29
1,1-Dichloroethane	< 4.02	ug/Kg		6/2/2016 18:29
1,1-Dichloroethene	< 4.02	ug/Kg		6/2/2016 18:29
1,2,3-Trichlorobenzene	< 10.0	ug/Kg		6/2/2016 18:29
1,2,4-Trichlorobenzene	< 10.0	ug/Kg		6/2/2016 18:29
1,2-Dibromo-3-Chloropropane	< 20.1	ug/Kg		6/2/2016 18:29
1,2-Dibromoethane	< 4.02	ug/Kg		6/2/2016 18:29
1,2-Dichlorobenzene	< 4.02	ug/Kg		6/2/2016 18:29
1,2-Dichloroethane	< 4.02	ug/Kg		6/2/2016 18:29
1,2-Dichloropropane	< 4.02	ug/Kg		6/2/2016 18:29
1,3-Dichlorobenzene	< 4.02	ug/Kg		6/2/2016 18:29
1,4-Dichlorobenzene	< 4.02	ug/Kg		6/2/2016 18:29
1,4-dioxane	< 40.2	ug/Kg		6/2/2016 18:29
2-Butanone	< 20.1	ug/Kg		6/2/2016 18:29
2-Hexanone	< 10.0	ug/Kg		6/2/2016 18:29
4-Methyl-2-pentanone	< 10.0	ug/Kg		6/2/2016 18:29
Acetone	< 20.1	ug/Kg		6/2/2016 18:29
Benzene	< 4.02	ug/Kg		6/2/2016 18:29
Bromochloromethane	< 10.0	ug/Kg		6/2/2016 18:29
Bromodichloromethane	< 4.02	ug/Kg		6/2/2016 18:29
Bromoform	< 10.0	ug/Kg		6/2/2016 18:29
Bromomethane	< 4.02	ug/Kg		6/2/2016 18:29
Carbon disulfide	< 4.02	ug/Kg		6/2/2016 18:29
Carbon Tetrachloride	< 4.02	ug/Kg		6/2/2016 18:29
Chlorobenzene	< 4.02	ug/Kg		6/2/2016 18:29

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B3-S
Lab Sample ID: 162126-03 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 4.02	ug/Kg	6/2/2016	18:29
Chloroform	< 4.02	ug/Kg	6/2/2016	18:29
Chloromethane	< 4.02	ug/Kg	6/2/2016	18:29
cis-1,2-Dichloroethene	< 4.02	ug/Kg	6/2/2016	18:29
cis-1,3-Dichloropropene	< 4.02	ug/Kg	6/2/2016	18:29
Cyclohexane	< 20.1	ug/Kg	6/2/2016	18:29
Dibromochloromethane	< 4.02	ug/Kg	6/2/2016	18:29
Dichlorodifluoromethane	< 4.02	ug/Kg	6/2/2016	18:29
Ethylbenzene	< 4.02	ug/Kg	6/2/2016	18:29
Freon 113	< 4.02	ug/Kg	6/2/2016	18:29
Isopropylbenzene	< 4.02	ug/Kg	6/2/2016	18:29
m,p-Xylene	< 4.02	ug/Kg	6/2/2016	18:29
Methyl acetate	< 4.02	ug/Kg	6/2/2016	18:29
Methyl tert-butyl Ether	< 4.02	ug/Kg	6/2/2016	18:29
Methylcyclohexane	< 4.02	ug/Kg	6/2/2016	18:29
Methylene chloride	< 10.0	ug/Kg	6/2/2016	18:29
o-Xylene	< 4.02	ug/Kg	6/2/2016	18:29
Styrene	< 10.0	ug/Kg	6/2/2016	18:29
Tetrachloroethene	**23.3**	ug/Kg	6/2/2016	18:29
Toluene	< 4.02	ug/Kg	6/2/2016	18:29
trans-1,2-Dichloroethene	< 4.02	ug/Kg	6/2/2016	18:29
trans-1,3-Dichloropropene	< 4.02	ug/Kg	6/2/2016	18:29
Trichloroethene	< 4.02	ug/Kg	6/2/2016	18:29
Trichlorofluoromethane	< 4.02	ug/Kg	6/2/2016	18:29
Vinyl chloride	< 4.02	ug/Kg	6/2/2016	18:29

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B3-S
Lab Sample ID: 162126-03 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**98.3**	85.4 - 122		6/2/2016	18:29
4-Bromofluorobenzene	**98.4**	81.1 - 115		6/2/2016	18:29
Pentafluorobenzene	**97.1**	90.7 - 109		6/2/2016	18:29
Toluene-D8	**101**	88.5 - 110		6/2/2016	18:29

Method Reference(s): EPA 8260C
EPA 5035
Data File: x32863.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B4-S		
Lab Sample ID:	162126-04	**Date Sampled:**	5/23/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.12	ug/Kg		6/2/2016 18:53
1,1,2,2-Tetrachloroethane	< 4.12	ug/Kg		6/2/2016 18:53
1,1,2-Trichloroethane	< 4.12	ug/Kg		6/2/2016 18:53
1,1-Dichloroethane	< 4.12	ug/Kg		6/2/2016 18:53
1,1-Dichloroethene	< 4.12	ug/Kg		6/2/2016 18:53
1,2,3-Trichlorobenzene	< 10.3	ug/Kg		6/2/2016 18:53
1,2,4-Trichlorobenzene	< 10.3	ug/Kg		6/2/2016 18:53
1,2-Dibromo-3-Chloropropane	< 20.6	ug/Kg		6/2/2016 18:53
1,2-Dibromoethane	< 4.12	ug/Kg		6/2/2016 18:53
1,2-Dichlorobenzene	< 4.12	ug/Kg		6/2/2016 18:53
1,2-Dichloroethane	< 4.12	ug/Kg		6/2/2016 18:53
1,2-Dichloropropane	< 4.12	ug/Kg		6/2/2016 18:53
1,3-Dichlorobenzene	< 4.12	ug/Kg		6/2/2016 18:53
1,4-Dichlorobenzene	< 4.12	ug/Kg		6/2/2016 18:53
1,4-dioxane	< 41.2	ug/Kg		6/2/2016 18:53
2-Butanone	< 20.6	ug/Kg		6/2/2016 18:53
2-Hexanone	< 10.3	ug/Kg		6/2/2016 18:53
4-Methyl-2-pentanone	< 10.3	ug/Kg		6/2/2016 18:53
Acetone	< 20.6	ug/Kg		6/2/2016 18:53
Benzene	< 4.12	ug/Kg		6/2/2016 18:53
Bromochloromethane	< 10.3	ug/Kg		6/2/2016 18:53
Bromodichloromethane	< 4.12	ug/Kg		6/2/2016 18:53
Bromoform	< 10.3	ug/Kg		6/2/2016 18:53
Bromomethane	< 4.12	ug/Kg		6/2/2016 18:53
Carbon disulfide	< 4.12	ug/Kg		6/2/2016 18:53
Carbon Tetrachloride	< 4.12	ug/Kg		6/2/2016 18:53
Chlorobenzene	< 4.12	ug/Kg		6/2/2016 18:53

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B4-S
Lab Sample ID: 162126-04 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 4.12	ug/Kg	6/2/2016	18:53
Chloroform	< 4.12	ug/Kg	6/2/2016	18:53
Chloromethane	< 4.12	ug/Kg	6/2/2016	18:53
cis-1,2-Dichloroethene	< 4.12	ug/Kg	6/2/2016	18:53
cis-1,3-Dichloropropene	< 4.12	ug/Kg	6/2/2016	18:53
Cyclohexane	< 20.6	ug/Kg	6/2/2016	18:53
Dibromochloromethane	< 4.12	ug/Kg	6/2/2016	18:53
Dichlorodifluoromethane	< 4.12	ug/Kg	6/2/2016	18:53
Ethylbenzene	< 4.12	ug/Kg	6/2/2016	18:53
Freon 113	< 4.12	ug/Kg	6/2/2016	18:53
Isopropylbenzene	< 4.12	ug/Kg	6/2/2016	18:53
m,p-Xylene	< 4.12	ug/Kg	6/2/2016	18:53
Methyl acetate	< 4.12	ug/Kg	6/2/2016	18:53
Methyl tert-butyl Ether	< 4.12	ug/Kg	6/2/2016	18:53
Methylcyclohexane	< 4.12	ug/Kg	6/2/2016	18:53
Methylene chloride	< 10.3	ug/Kg	6/2/2016	18:53
o-Xylene	< 4.12	ug/Kg	6/2/2016	18:53
Styrene	< 10.3	ug/Kg	6/2/2016	18:53
Tetrachloroethene	**19.1**	ug/Kg	6/2/2016	18:53
Toluene	< 4.12	ug/Kg	6/2/2016	18:53
trans-1,2-Dichloroethene	< 4.12	ug/Kg	6/2/2016	18:53
trans-1,3-Dichloropropene	< 4.12	ug/Kg	6/2/2016	18:53
Trichloroethene	< 4.12	ug/Kg	6/2/2016	18:53
Trichlorofluoromethane	< 4.12	ug/Kg	6/2/2016	18:53
Vinyl chloride	< 4.12	ug/Kg	6/2/2016	18:53

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B4-S
Lab Sample ID: 162126-04 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**96.8**	85.4 - 122		6/2/2016 18:53
4-Bromofluorobenzene	**101**	81.1 - 115		6/2/2016 18:53
Pentafluorobenzene	**96.0**	90.7 - 109		6/2/2016 18:53
Toluene-D8	**102**	88.5 - 110		6/2/2016 18:53

Method Reference(s): EPA 8260C
EPA 5035
Data File: x32864.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B5-S		
Lab Sample ID:	162126-05	**Date Sampled:**	5/23/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 46.0	ug/Kg		6/3/2016 20:06
1,1,2,2-Tetrachloroethane	< 46.0	ug/Kg		6/3/2016 20:06
1,1,2-Trichloroethane	< 46.0	ug/Kg		6/3/2016 20:06
1,1-Dichloroethane	< 46.0	ug/Kg		6/3/2016 20:06
1,1-Dichloroethene	< 46.0	ug/Kg		6/3/2016 20:06
1,2,3-Trichlorobenzene	< 115	ug/Kg		6/3/2016 20:06
1,2,4-Trichlorobenzene	< 115	ug/Kg		6/3/2016 20:06
1,2-Dibromo-3-Chloropropane	< 230	ug/Kg		6/3/2016 20:06
1,2-Dibromoethane	< 46.0	ug/Kg		6/3/2016 20:06
1,2-Dichlorobenzene	< 46.0	ug/Kg		6/3/2016 20:06
1,2-Dichloroethane	< 46.0	ug/Kg		6/3/2016 20:06
1,2-Dichloropropane	< 46.0	ug/Kg		6/3/2016 20:06
1,3-Dichlorobenzene	< 46.0	ug/Kg		6/3/2016 20:06
1,4-Dichlorobenzene	< 46.0	ug/Kg		6/3/2016 20:06
1,4-dioxane	< 460	ug/Kg		6/3/2016 20:06
2-Butanone	< 230	ug/Kg		6/3/2016 20:06
2-Hexanone	< 115	ug/Kg		6/3/2016 20:06
4-Methyl-2-pentanone	< 115	ug/Kg		6/3/2016 20:06
Acetone	< 230	ug/Kg		6/3/2016 20:06
Benzene	< 46.0	ug/Kg		6/3/2016 20:06
Bromochloromethane	< 115	ug/Kg		6/3/2016 20:06
Bromodichloromethane	< 46.0	ug/Kg		6/3/2016 20:06
Bromoform	< 115	ug/Kg		6/3/2016 20:06
Bromomethane	< 46.0	ug/Kg		6/3/2016 20:06
Carbon disulfide	< 46.0	ug/Kg		6/3/2016 20:06
Carbon Tetrachloride	< 46.0	ug/Kg		6/3/2016 20:06
Chlorobenzene	< 46.0	ug/Kg		6/3/2016 20:06

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B5-S
Lab Sample ID: 162126-05 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 46.0	ug/Kg	6/3/2016	20:06
Chloroform	< 46.0	ug/Kg	6/3/2016	20:06
Chloromethane	< 46.0	ug/Kg	6/3/2016	20:06
cis-1,2-Dichloroethene	< 46.0	ug/Kg	6/3/2016	20:06
cis-1,3-Dichloropropene	< 46.0	ug/Kg	6/3/2016	20:06
Cyclohexane	< 230	ug/Kg	6/3/2016	20:06
Dibromochloromethane	< 46.0	ug/Kg	6/3/2016	20:06
Dichlorodifluoromethane	< 46.0	ug/Kg	6/3/2016	20:06
Ethylbenzene	< 46.0	ug/Kg	6/3/2016	20:06
Freon 113	< 46.0	ug/Kg	6/3/2016	20:06
Isopropylbenzene	< 46.0	ug/Kg	6/3/2016	20:06
m,p-Xylene	< 46.0	ug/Kg	6/3/2016	20:06
Methyl acetate	< 46.0	ug/Kg	6/3/2016	20:06
Methyl tert-butyl Ether	< 46.0	ug/Kg	6/3/2016	20:06
Methylcyclohexane	< 46.0	ug/Kg	6/3/2016	20:06
Methylene chloride	< 115	ug/Kg	6/3/2016	20:06
o-Xylene	< 46.0	ug/Kg	6/3/2016	20:06
Styrene	< 115	ug/Kg	6/3/2016	20:06
Tetrachloroethene	**4220**	ug/Kg	6/3/2016	20:06
Toluene	< 46.0	ug/Kg	6/3/2016	20:06
trans-1,2-Dichloroethene	< 46.0	ug/Kg	6/3/2016	20:06
trans-1,3-Dichloropropene	< 46.0	ug/Kg	6/3/2016	20:06
Trichloroethene	< 46.0	ug/Kg	6/3/2016	20:06
Trichlorofluoromethane	< 46.0	ug/Kg	6/3/2016	20:06
Vinyl chloride	< 46.0	ug/Kg	6/3/2016	20:06

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B5-S
Lab Sample ID: 162126-05 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**114**	85.4 - 122		6/3/2016 20:06
4-Bromofluorobenzene	**93.0**	81.1 - 115		6/3/2016 20:06
Pentafluorobenzene	**90.3**	90.7 - 109	*	6/3/2016 20:06
Toluene-D8	**99.1**	88.5 - 110		6/3/2016 20:06

Method Reference(s): EPA 8260C
EPA 5035
Data File: x32920.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B7-S		
Lab Sample ID:	162126-06	**Date Sampled:**	5/23/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.40	ug/Kg		6/2/2016 19:41
1,1,2,2-Tetrachloroethane	< 4.40	ug/Kg		6/2/2016 19:41
1,1,2-Trichloroethane	< 4.40	ug/Kg		6/2/2016 19:41
1,1-Dichloroethane	< 4.40	ug/Kg		6/2/2016 19:41
1,1-Dichloroethene	< 4.40	ug/Kg		6/2/2016 19:41
1,2,3-Trichlorobenzene	< 11.0	ug/Kg		6/2/2016 19:41
1,2,4-Trichlorobenzene	< 11.0	ug/Kg		6/2/2016 19:41
1,2-Dibromo-3-Chloropropane	< 22.0	ug/Kg		6/2/2016 19:41
1,2-Dibromoethane	< 4.40	ug/Kg		6/2/2016 19:41
1,2-Dichlorobenzene	< 4.40	ug/Kg		6/2/2016 19:41
1,2-Dichloroethane	< 4.40	ug/Kg		6/2/2016 19:41
1,2-Dichloropropane	< 4.40	ug/Kg		6/2/2016 19:41
1,3-Dichlorobenzene	< 4.40	ug/Kg		6/2/2016 19:41
1,4-Dichlorobenzene	< 4.40	ug/Kg		6/2/2016 19:41
1,4-dioxane	< 44.0	ug/Kg		6/2/2016 19:41
2-Butanone	< 22.0	ug/Kg		6/2/2016 19:41
2-Hexanone	< 11.0	ug/Kg		6/2/2016 19:41
4-Methyl-2-pentanone	< 11.0	ug/Kg		6/2/2016 19:41
Acetone	< 22.0	ug/Kg		6/2/2016 19:41
Benzene	< 4.40	ug/Kg		6/2/2016 19:41
Bromochloromethane	< 11.0	ug/Kg		6/2/2016 19:41
Bromodichloromethane	< 4.40	ug/Kg		6/2/2016 19:41
Bromoform	< 11.0	ug/Kg		6/2/2016 19:41
Bromomethane	< 4.40	ug/Kg		6/2/2016 19:41
Carbon disulfide	< 4.40	ug/Kg		6/2/2016 19:41
Carbon Tetrachloride	< 4.40	ug/Kg		6/2/2016 19:41
Chlorobenzene	< 4.40	ug/Kg		6/2/2016 19:41

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B7-S
Lab Sample ID: 162126-06 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 4.40	ug/Kg	6/2/2016	19:41
Chloroform	< 4.40	ug/Kg	6/2/2016	19:41
Chloromethane	< 4.40	ug/Kg	6/2/2016	19:41
cis-1,2-Dichloroethene	< 4.40	ug/Kg	6/2/2016	19:41
cis-1,3-Dichloropropene	< 4.40	ug/Kg	6/2/2016	19:41
Cyclohexane	< 22.0	ug/Kg	6/2/2016	19:41
Dibromochloromethane	< 4.40	ug/Kg	6/2/2016	19:41
Dichlorodifluoromethane	< 4.40	ug/Kg	6/2/2016	19:41
Ethylbenzene	< 4.40	ug/Kg	6/2/2016	19:41
Freon 113	< 4.40	ug/Kg	6/2/2016	19:41
Isopropylbenzene	< 4.40	ug/Kg	6/2/2016	19:41
m,p-Xylene	< 4.40	ug/Kg	6/2/2016	19:41
Methyl acetate	< 4.40	ug/Kg	6/2/2016	19:41
Methyl tert-butyl Ether	< 4.40	ug/Kg	6/2/2016	19:41
Methylcyclohexane	< 4.40	ug/Kg	6/2/2016	19:41
Methylene chloride	< 11.0	ug/Kg	6/2/2016	19:41
o-Xylene	< 4.40	ug/Kg	6/2/2016	19:41
Styrene	< 11.0	ug/Kg	6/2/2016	19:41
Tetrachloroethene	**109**	ug/Kg	6/2/2016	19:41
Toluene	< 4.40	ug/Kg	6/2/2016	19:41
trans-1,2-Dichloroethene	< 4.40	ug/Kg	6/2/2016	19:41
trans-1,3-Dichloropropene	< 4.40	ug/Kg	6/2/2016	19:41
Trichloroethene	< 4.40	ug/Kg	6/2/2016	19:41
Trichlorofluoromethane	< 4.40	ug/Kg	6/2/2016	19:41
Vinyl chloride	< 4.40	ug/Kg	6/2/2016	19:41

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B7-S
Lab Sample ID: 162126-06 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**98.7**	85.4 - 122		6/2/2016 19:41
4-Bromofluorobenzene	**99.0**	81.1 - 115		6/2/2016 19:41
Pentafluorobenzene	**95.5**	90.7 - 109		6/2/2016 19:41
Toluene-D8	**101**	88.5 - 110		6/2/2016 19:41

Method Reference(s): EPA 8260C
EPA 5035
Data File: x32866.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B8-S		
Lab Sample ID:	162126-07	**Date Sampled:**	5/23/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.56	ug/Kg		6/2/2016 20:05
1,1,2,2-Tetrachloroethane	< 3.56	ug/Kg		6/2/2016 20:05
1,1,2-Trichloroethane	< 3.56	ug/Kg		6/2/2016 20:05
1,1-Dichloroethane	< 3.56	ug/Kg		6/2/2016 20:05
1,1-Dichloroethene	< 3.56	ug/Kg		6/2/2016 20:05
1,2,3-Trichlorobenzene	< 8.90	ug/Kg		6/2/2016 20:05
1,2,4-Trichlorobenzene	< 8.90	ug/Kg		6/2/2016 20:05
1,2-Dibromo-3-Chloropropane	< 17.8	ug/Kg		6/2/2016 20:05
1,2-Dibromoethane	< 3.56	ug/Kg		6/2/2016 20:05
1,2-Dichlorobenzene	< 3.56	ug/Kg		6/2/2016 20:05
1,2-Dichloroethane	< 3.56	ug/Kg		6/2/2016 20:05
1,2-Dichloropropane	< 3.56	ug/Kg		6/2/2016 20:05
1,3-Dichlorobenzene	< 3.56	ug/Kg		6/2/2016 20:05
1,4-Dichlorobenzene	< 3.56	ug/Kg		6/2/2016 20:05
1,4-dioxane	< 35.6	ug/Kg		6/2/2016 20:05
2-Butanone	< 17.8	ug/Kg		6/2/2016 20:05
2-Hexanone	< 8.90	ug/Kg		6/2/2016 20:05
4-Methyl-2-pentanone	< 8.90	ug/Kg		6/2/2016 20:05
Acetone	< 17.8	ug/Kg		6/2/2016 20:05
Benzene	< 3.56	ug/Kg		6/2/2016 20:05
Bromochloromethane	< 8.90	ug/Kg		6/2/2016 20:05
Bromodichloromethane	< 3.56	ug/Kg		6/2/2016 20:05
Bromoform	< 8.90	ug/Kg		6/2/2016 20:05
Bromomethane	< 3.56	ug/Kg		6/2/2016 20:05
Carbon disulfide	< 3.56	ug/Kg		6/2/2016 20:05
Carbon Tetrachloride	< 3.56	ug/Kg		6/2/2016 20:05
Chlorobenzene	< 3.56	ug/Kg		6/2/2016 20:05

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B8-S
Lab Sample ID: 162126-07 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 3.56	ug/Kg	6/2/2016	20:05
Chloroform	< 3.56	ug/Kg	6/2/2016	20:05
Chloromethane	< 3.56	ug/Kg	6/2/2016	20:05
cis-1,2-Dichloroethene	< 3.56	ug/Kg	6/2/2016	20:05
cis-1,3-Dichloropropene	< 3.56	ug/Kg	6/2/2016	20:05
Cyclohexane	< 17.8	ug/Kg	6/2/2016	20:05
Dibromochloromethane	< 3.56	ug/Kg	6/2/2016	20:05
Dichlorodifluoromethane	< 3.56	ug/Kg	6/2/2016	20:05
Ethylbenzene	< 3.56	ug/Kg	6/2/2016	20:05
Freon 113	< 3.56	ug/Kg	6/2/2016	20:05
Isopropylbenzene	< 3.56	ug/Kg	6/2/2016	20:05
m,p-Xylene	< 3.56	ug/Kg	6/2/2016	20:05
Methyl acetate	< 3.56	ug/Kg	6/2/2016	20:05
Methyl tert-butyl Ether	< 3.56	ug/Kg	6/2/2016	20:05
Methylcyclohexane	< 3.56	ug/Kg	6/2/2016	20:05
Methylene chloride	< 8.90	ug/Kg	6/2/2016	20:05
o-Xylene	< 3.56	ug/Kg	6/2/2016	20:05
Styrene	< 8.90	ug/Kg	6/2/2016	20:05
Tetrachloroethene	**166**	ug/Kg	6/2/2016	20:05
Toluene	< 3.56	ug/Kg	6/2/2016	20:05
trans-1,2-Dichloroethene	< 3.56	ug/Kg	6/2/2016	20:05
trans-1,3-Dichloropropene	< 3.56	ug/Kg	6/2/2016	20:05
Trichloroethene	< 3.56	ug/Kg	6/2/2016	20:05
Trichlorofluoromethane	< 3.56	ug/Kg	6/2/2016	20:05
Vinyl chloride	< 3.56	ug/Kg	6/2/2016	20:05

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B8-S
Lab Sample ID: 162126-07 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**98.4**	85.4 - 122		6/2/2016	20:05
4-Bromofluorobenzene	**97.4**	81.1 - 115		6/2/2016	20:05
Pentafluorobenzene	**94.8**	90.7 - 109		6/2/2016	20:05
Toluene-D8	**101**	88.5 - 110		6/2/2016	20:05

Method Reference(s): EPA 8260C
EPA 5035
Data File: x32867.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B9-S		
Lab Sample ID:	162126-08	**Date Sampled:**	5/24/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.69	ug/Kg		6/3/2016 12:53
1,1,2,2-Tetrachloroethane	< 3.69	ug/Kg		6/3/2016 12:53
1,1,2-Trichloroethane	< 3.69	ug/Kg		6/3/2016 12:53
1,1-Dichloroethane	< 3.69	ug/Kg		6/3/2016 12:53
1,1-Dichloroethene	< 3.69	ug/Kg		6/3/2016 12:53
1,2,3-Trichlorobenzene	< 9.22	ug/Kg		6/3/2016 12:53
1,2,4-Trichlorobenzene	< 9.22	ug/Kg		6/3/2016 12:53
1,2-Dibromo-3-Chloropropane	< 18.4	ug/Kg		6/3/2016 12:53
1,2-Dibromoethane	< 3.69	ug/Kg		6/3/2016 12:53
1,2-Dichlorobenzene	< 3.69	ug/Kg	M	6/3/2016 12:53
1,2-Dichloroethane	< 3.69	ug/Kg		6/3/2016 12:53
1,2-Dichloropropane	< 3.69	ug/Kg		6/3/2016 12:53
1,3-Dichlorobenzene	< 3.69	ug/Kg	M	6/3/2016 12:53
1,4-Dichlorobenzene	< 3.69	ug/Kg	M	6/3/2016 12:53
1,4-dioxane	< 36.9	ug/Kg		6/3/2016 12:53
2-Butanone	< 18.4	ug/Kg		6/3/2016 12:53
2-Hexanone	< 9.22	ug/Kg		6/3/2016 12:53
4-Methyl-2-pentanone	< 9.22	ug/Kg		6/3/2016 12:53
Acetone	< 18.4	ug/Kg		6/3/2016 12:53
Benzene	< 3.69	ug/Kg		6/3/2016 12:53
Bromochloromethane	< 9.22	ug/Kg		6/3/2016 12:53
Bromodichloromethane	< 3.69	ug/Kg		6/3/2016 12:53
Bromoform	< 9.22	ug/Kg		6/3/2016 12:53
Bromomethane	< 3.69	ug/Kg		6/3/2016 12:53
Carbon disulfide	< 3.69	ug/Kg		6/3/2016 12:53
Carbon Tetrachloride	< 3.69	ug/Kg		6/3/2016 12:53
Chlorobenzene	< 3.69	ug/Kg	M	6/3/2016 12:53

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B9-S
Lab Sample ID: 162126-08 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 3.69	ug/Kg	6/3/2016	12:53
Chloroform	< 3.69	ug/Kg	6/3/2016	12:53
Chloromethane	< 3.69	ug/Kg	6/3/2016	12:53
cis-1,2-Dichloroethene	< 3.69	ug/Kg	6/3/2016	12:53
cis-1,3-Dichloropropene	< 3.69	ug/Kg	6/3/2016	12:53
Cyclohexane	< 18.4	ug/Kg	6/3/2016	12:53
Dibromochloromethane	< 3.69	ug/Kg	6/3/2016	12:53
Dichlorodifluoromethane	< 3.69	ug/Kg	6/3/2016	12:53
Ethylbenzene	< 3.69	ug/Kg	6/3/2016	12:53
Freon 113	< 3.69	ug/Kg	6/3/2016	12:53
Isopropylbenzene	< 3.69	ug/Kg	6/3/2016	12:53
m,p-Xylene	< 3.69	ug/Kg	6/3/2016	12:53
Methyl acetate	< 3.69	ug/Kg	6/3/2016	12:53
Methyl tert-butyl Ether	< 3.69	ug/Kg	6/3/2016	12:53
Methylcyclohexane	< 3.69	ug/Kg	6/3/2016	12:53
Methylene chloride	< 9.22	ug/Kg	6/3/2016	12:53
o-Xylene	< 3.69	ug/Kg	6/3/2016	12:53
Styrene	< 9.22	ug/Kg	6/3/2016	12:53
Tetrachloroethene	< 3.69	ug/Kg	6/3/2016	12:53
Toluene	< 3.69	ug/Kg	6/3/2016	12:53
trans-1,2-Dichloroethene	< 3.69	ug/Kg	6/3/2016	12:53
trans-1,3-Dichloropropene	< 3.69	ug/Kg	6/3/2016	12:53
Trichloroethene	< 3.69	ug/Kg	6/3/2016	12:53
Trichlorofluoromethane	< 3.69	ug/Kg	6/3/2016	12:53
Vinyl chloride	< 3.69	ug/Kg	6/3/2016	12:53

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B9-S

Lab Sample ID: 162126-08 **Date Sampled:** 5/24/2016

Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**107**	85.4 - 122		6/3/2016	12:53
4-Bromofluorobenzene	**95.3**	81.1 - 115		6/3/2016	12:53
Pentafluorobenzene	**93.4**	90.7 - 109		6/3/2016	12:53
Toluene-D8	**99.9**	88.5 - 110		6/3/2016	12:53

Method Reference(s): EPA 8260C
EPA 5035

Data File: x32903.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B10-S		
Lab Sample ID:	162126-09	**Date Sampled:**	5/24/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.91	ug/Kg		6/3/2016 13:42
1,1,2,2-Tetrachloroethane	< 3.91	ug/Kg		6/3/2016 13:42
1,1,2-Trichloroethane	< 3.91	ug/Kg		6/3/2016 13:42
1,1-Dichloroethane	< 3.91	ug/Kg		6/3/2016 13:42
1,1-Dichloroethene	< 3.91	ug/Kg		6/3/2016 13:42
1,2,3-Trichlorobenzene	< 9.78	ug/Kg		6/3/2016 13:42
1,2,4-Trichlorobenzene	< 9.78	ug/Kg		6/3/2016 13:42
1,2-Dibromo-3-Chloropropane	< 19.6	ug/Kg		6/3/2016 13:42
1,2-Dibromoethane	< 3.91	ug/Kg		6/3/2016 13:42
1,2-Dichlorobenzene	< 3.91	ug/Kg		6/3/2016 13:42
1,2-Dichloroethane	< 3.91	ug/Kg		6/3/2016 13:42
1,2-Dichloropropane	< 3.91	ug/Kg		6/3/2016 13:42
1,3-Dichlorobenzene	< 3.91	ug/Kg		6/3/2016 13:42
1,4-Dichlorobenzene	< 3.91	ug/Kg		6/3/2016 13:42
1,4-dioxane	< 39.1	ug/Kg		6/3/2016 13:42
2-Butanone	< 19.6	ug/Kg		6/3/2016 13:42
2-Hexanone	< 9.78	ug/Kg		6/3/2016 13:42
4-Methyl-2-pentanone	< 9.78	ug/Kg		6/3/2016 13:42
Acetone	< 19.6	ug/Kg		6/3/2016 13:42
Benzene	< 3.91	ug/Kg		6/3/2016 13:42
Bromochloromethane	< 9.78	ug/Kg		6/3/2016 13:42
Bromodichloromethane	< 3.91	ug/Kg		6/3/2016 13:42
Bromoform	< 9.78	ug/Kg		6/3/2016 13:42
Bromomethane	< 3.91	ug/Kg		6/3/2016 13:42
Carbon disulfide	< 3.91	ug/Kg		6/3/2016 13:42
Carbon Tetrachloride	< 3.91	ug/Kg		6/3/2016 13:42
Chlorobenzene	< 3.91	ug/Kg		6/3/2016 13:42

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B10-S
Lab Sample ID: 162126-09 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 3.91	ug/Kg		6/3/2016	13:42
Chloroform	< 3.91	ug/Kg		6/3/2016	13:42
Chloromethane	< 3.91	ug/Kg		6/3/2016	13:42
cis-1,2-Dichloroethene	< 3.91	ug/Kg		6/3/2016	13:42
cis-1,3-Dichloropropene	< 3.91	ug/Kg		6/3/2016	13:42
Cyclohexane	< 19.6	ug/Kg		6/3/2016	13:42
Dibromochloromethane	< 3.91	ug/Kg		6/3/2016	13:42
Dichlorodifluoromethane	< 3.91	ug/Kg		6/3/2016	13:42
Ethylbenzene	< 3.91	ug/Kg		6/3/2016	13:42
Freon 113	< 3.91	ug/Kg		6/3/2016	13:42
Isopropylbenzene	< 3.91	ug/Kg		6/3/2016	13:42
m,p-Xylene	< 3.91	ug/Kg		6/3/2016	13:42
Methyl acetate	< 3.91	ug/Kg		6/3/2016	13:42
Methyl tert-butyl Ether	< 3.91	ug/Kg		6/3/2016	13:42
Methylcyclohexane	< 3.91	ug/Kg		6/3/2016	13:42
Methylene chloride	**5.21**	ug/Kg	J	6/3/2016	13:42
o-Xylene	< 3.91	ug/Kg		6/3/2016	13:42
Styrene	< 9.78	ug/Kg		6/3/2016	13:42
Tetrachloroethene	**314**	ug/Kg		6/3/2016	13:42
Toluene	< 3.91	ug/Kg		6/3/2016	13:42
trans-1,2-Dichloroethene	< 3.91	ug/Kg		6/3/2016	13:42
trans-1,3-Dichloropropene	< 3.91	ug/Kg		6/3/2016	13:42
Trichloroethene	< 3.91	ug/Kg		6/3/2016	13:42
Trichlorofluoromethane	< 3.91	ug/Kg		6/3/2016	13:42
Vinyl chloride	< 3.91	ug/Kg		6/3/2016	13:42

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B10-S
Lab Sample ID: 162126-09 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**106**	85.4 - 122		6/3/2016	13:42
4-Bromofluorobenzene	**91.2**	81.1 - 115		6/3/2016	13:42
Pentafluorobenzene	**91.2**	90.7 - 109		6/3/2016	13:42
Toluene-D8	**99.1**	88.5 - 110		6/3/2016	13:42

Method Reference(s): EPA 8260C
EPA 5035
Data File: x32904.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B11-S		
Lab Sample ID:	162126-10	**Date Sampled:**	5/24/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.42	ug/Kg		6/3/2016 14:06
1,1,2,2-Tetrachloroethane	< 4.42	ug/Kg		6/3/2016 14:06
1,1,2-Trichloroethane	< 4.42	ug/Kg		6/3/2016 14:06
1,1-Dichloroethane	< 4.42	ug/Kg		6/3/2016 14:06
1,1-Dichloroethene	< 4.42	ug/Kg		6/3/2016 14:06
1,2,3-Trichlorobenzene	< 11.1	ug/Kg		6/3/2016 14:06
1,2,4-Trichlorobenzene	< 11.1	ug/Kg		6/3/2016 14:06
1,2-Dibromo-3-Chloropropane	< 22.1	ug/Kg		6/3/2016 14:06
1,2-Dibromoethane	< 4.42	ug/Kg		6/3/2016 14:06
1,2-Dichlorobenzene	< 4.42	ug/Kg		6/3/2016 14:06
1,2-Dichloroethane	< 4.42	ug/Kg		6/3/2016 14:06
1,2-Dichloropropane	< 4.42	ug/Kg		6/3/2016 14:06
1,3-Dichlorobenzene	< 4.42	ug/Kg		6/3/2016 14:06
1,4-Dichlorobenzene	< 4.42	ug/Kg		6/3/2016 14:06
1,4-dioxane	< 44.2	ug/Kg		6/3/2016 14:06
2-Butanone	< 22.1	ug/Kg		6/3/2016 14:06
2-Hexanone	< 11.1	ug/Kg		6/3/2016 14:06
4-Methyl-2-pentanone	< 11.1	ug/Kg		6/3/2016 14:06
Acetone	< 22.1	ug/Kg		6/3/2016 14:06
Benzene	< 4.42	ug/Kg		6/3/2016 14:06
Bromochloromethane	< 11.1	ug/Kg		6/3/2016 14:06
Bromodichloromethane	< 4.42	ug/Kg		6/3/2016 14:06
Bromoform	< 11.1	ug/Kg		6/3/2016 14:06
Bromomethane	< 4.42	ug/Kg		6/3/2016 14:06
Carbon disulfide	< 4.42	ug/Kg		6/3/2016 14:06
Carbon Tetrachloride	< 4.42	ug/Kg		6/3/2016 14:06
Chlorobenzene	< 4.42	ug/Kg		6/3/2016 14:06

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B11-S
Lab Sample ID: 162126-10 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 4.42	ug/Kg		6/3/2016	14:06
Chloroform	< 4.42	ug/Kg		6/3/2016	14:06
Chloromethane	< 4.42	ug/Kg		6/3/2016	14:06
cis-1,2-Dichloroethene	< 4.42	ug/Kg		6/3/2016	14:06
cis-1,3-Dichloropropene	< 4.42	ug/Kg		6/3/2016	14:06
Cyclohexane	< 22.1	ug/Kg		6/3/2016	14:06
Dibromochloromethane	< 4.42	ug/Kg		6/3/2016	14:06
Dichlorodifluoromethane	< 4.42	ug/Kg		6/3/2016	14:06
Ethylbenzene	< 4.42	ug/Kg		6/3/2016	14:06
Freon 113	< 4.42	ug/Kg		6/3/2016	14:06
Isopropylbenzene	< 4.42	ug/Kg		6/3/2016	14:06
m,p-Xylene	< 4.42	ug/Kg		6/3/2016	14:06
Methyl acetate	< 4.42	ug/Kg		6/3/2016	14:06
Methyl tert-butyl Ether	< 4.42	ug/Kg		6/3/2016	14:06
Methylcyclohexane	< 4.42	ug/Kg		6/3/2016	14:06
Methylene chloride	**9.63**	ug/Kg	J	6/3/2016	14:06
o-Xylene	< 4.42	ug/Kg		6/3/2016	14:06
Styrene	< 11.1	ug/Kg		6/3/2016	14:06
Tetrachloroethene	**33.0**	ug/Kg		6/3/2016	14:06
Toluene	< 4.42	ug/Kg		6/3/2016	14:06
trans-1,2-Dichloroethene	< 4.42	ug/Kg		6/3/2016	14:06
trans-1,3-Dichloropropene	< 4.42	ug/Kg		6/3/2016	14:06
Trichloroethene	< 4.42	ug/Kg		6/3/2016	14:06
Trichlorofluoromethane	< 4.42	ug/Kg		6/3/2016	14:06
Vinyl chloride	< 4.42	ug/Kg		6/3/2016	14:06

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B11-S

Lab Sample ID: 162126-10 **Date Sampled:** 5/24/2016

Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**112**	85.4 - 122		6/3/2016	14:06
4-Bromofluorobenzene	**92.5**	81.1 - 115		6/3/2016	14:06
Pentafluorobenzene	**91.0**	90.7 - 109		6/3/2016	14:06
Toluene-D8	**97.6**	88.5 - 110		6/3/2016	14:06

Method Reference(s): EPA 8260C
EPA 5035

Data File: x32905.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B12-S		
Lab Sample ID:	162126-11	**Date Sampled:**	5/24/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.26	ug/Kg		6/3/2016 14:30
1,1,2,2-Tetrachloroethane	< 4.26	ug/Kg		6/3/2016 14:30
1,1,2-Trichloroethane	< 4.26	ug/Kg		6/3/2016 14:30
1,1-Dichloroethane	< 4.26	ug/Kg		6/3/2016 14:30
1,1-Dichloroethene	< 4.26	ug/Kg		6/3/2016 14:30
1,2,3-Trichlorobenzene	< 10.6	ug/Kg		6/3/2016 14:30
1,2,4-Trichlorobenzene	< 10.6	ug/Kg		6/3/2016 14:30
1,2-Dibromo-3-Chloropropane	< 21.3	ug/Kg		6/3/2016 14:30
1,2-Dibromoethane	< 4.26	ug/Kg		6/3/2016 14:30
1,2-Dichlorobenzene	< 4.26	ug/Kg		6/3/2016 14:30
1,2-Dichloroethane	< 4.26	ug/Kg		6/3/2016 14:30
1,2-Dichloropropane	< 4.26	ug/Kg		6/3/2016 14:30
1,3-Dichlorobenzene	< 4.26	ug/Kg		6/3/2016 14:30
1,4-Dichlorobenzene	< 4.26	ug/Kg		6/3/2016 14:30
1,4-dioxane	< 42.6	ug/Kg		6/3/2016 14:30
2-Butanone	< 21.3	ug/Kg		6/3/2016 14:30
2-Hexanone	< 10.6	ug/Kg		6/3/2016 14:30
4-Methyl-2-pentanone	< 10.6	ug/Kg		6/3/2016 14:30
Acetone	< 21.3	ug/Kg		6/3/2016 14:30
Benzene	< 4.26	ug/Kg		6/3/2016 14:30
Bromochloromethane	< 10.6	ug/Kg		6/3/2016 14:30
Bromodichloromethane	< 4.26	ug/Kg		6/3/2016 14:30
Bromoform	< 10.6	ug/Kg		6/3/2016 14:30
Bromomethane	< 4.26	ug/Kg		6/3/2016 14:30
Carbon disulfide	< 4.26	ug/Kg		6/3/2016 14:30
Carbon Tetrachloride	< 4.26	ug/Kg		6/3/2016 14:30
Chlorobenzene	< 4.26	ug/Kg		6/3/2016 14:30

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B12-S		
Lab Sample ID:	162126-11	**Date Sampled:**	5/24/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Chloroethane	< 4.26	ug/Kg		6/3/2016	14:30
Chloroform	< 4.26	ug/Kg		6/3/2016	14:30
Chloromethane	< 4.26	ug/Kg		6/3/2016	14:30
cis-1,2-Dichloroethene	< 4.26	ug/Kg		6/3/2016	14:30
cis-1,3-Dichloropropene	< 4.26	ug/Kg		6/3/2016	14:30
Cyclohexane	< 21.3	ug/Kg		6/3/2016	14:30
Dibromochloromethane	< 4.26	ug/Kg		6/3/2016	14:30
Dichlorodifluoromethane	< 4.26	ug/Kg		6/3/2016	14:30
Ethylbenzene	< 4.26	ug/Kg		6/3/2016	14:30
Freon 113	< 4.26	ug/Kg		6/3/2016	14:30
Isopropylbenzene	< 4.26	ug/Kg		6/3/2016	14:30
m,p-Xylene	< 4.26	ug/Kg		6/3/2016	14:30
Methyl acetate	< 4.26	ug/Kg		6/3/2016	14:30
Methyl tert-butyl Ether	< 4.26	ug/Kg		6/3/2016	14:30
Methylcyclohexane	< 4.26	ug/Kg		6/3/2016	14:30
Methylene chloride	**5.91**	ug/Kg	J	6/3/2016	14:30
o-Xylene	< 4.26	ug/Kg		6/3/2016	14:30
Styrene	< 10.6	ug/Kg		6/3/2016	14:30
Tetrachloroethene	**4.30**	ug/Kg		6/3/2016	14:30
Toluene	< 4.26	ug/Kg		6/3/2016	14:30
trans-1,2-Dichloroethene	< 4.26	ug/Kg		6/3/2016	14:30
trans-1,3-Dichloropropene	< 4.26	ug/Kg		6/3/2016	14:30
Trichloroethene	< 4.26	ug/Kg		6/3/2016	14:30
Trichlorofluoromethane	< 4.26	ug/Kg		6/3/2016	14:30
Vinyl chloride	< 4.26	ug/Kg		6/3/2016	14:30

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B12-S

Lab Sample ID: 162126-11 **Date Sampled:** 5/24/2016

Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**110**	85.4 - 122		6/3/2016	14:30
4-Bromofluorobenzene	**96.6**	81.1 - 115		6/3/2016	14:30
Pentafluorobenzene	**92.1**	90.7 - 109		6/3/2016	14:30
Toluene-D8	**101**	88.5 - 110		6/3/2016	14:30

Method Reference(s): EPA 8260C
EPA 5035

Data File: x32906.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B13-S		
Lab Sample ID:	162126-12	**Date Sampled:**	5/24/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.49	ug/Kg		6/3/2016 14:54
1,1,2,2-Tetrachloroethane	< 4.49	ug/Kg		6/3/2016 14:54
1,1,2-Trichloroethane	< 4.49	ug/Kg		6/3/2016 14:54
1,1-Dichloroethane	< 4.49	ug/Kg		6/3/2016 14:54
1,1-Dichloroethene	< 4.49	ug/Kg		6/3/2016 14:54
1,2,3-Trichlorobenzene	< 11.2	ug/Kg		6/3/2016 14:54
1,2,4-Trichlorobenzene	< 11.2	ug/Kg		6/3/2016 14:54
1,2-Dibromo-3-Chloropropane	< 22.4	ug/Kg		6/3/2016 14:54
1,2-Dibromoethane	< 4.49	ug/Kg		6/3/2016 14:54
1,2-Dichlorobenzene	< 4.49	ug/Kg		6/3/2016 14:54
1,2-Dichloroethane	< 4.49	ug/Kg		6/3/2016 14:54
1,2-Dichloropropane	< 4.49	ug/Kg		6/3/2016 14:54
1,3-Dichlorobenzene	< 4.49	ug/Kg		6/3/2016 14:54
1,4-Dichlorobenzene	< 4.49	ug/Kg		6/3/2016 14:54
1,4-dioxane	< 44.9	ug/Kg		6/3/2016 14:54
2-Butanone	< 22.4	ug/Kg		6/3/2016 14:54
2-Hexanone	< 11.2	ug/Kg		6/3/2016 14:54
4-Methyl-2-pentanone	< 11.2	ug/Kg		6/3/2016 14:54
Acetone	< 22.4	ug/Kg		6/3/2016 14:54
Benzene	< 4.49	ug/Kg		6/3/2016 14:54
Bromochloromethane	< 11.2	ug/Kg		6/3/2016 14:54
Bromodichloromethane	< 4.49	ug/Kg		6/3/2016 14:54
Bromoform	< 11.2	ug/Kg		6/3/2016 14:54
Bromomethane	< 4.49	ug/Kg		6/3/2016 14:54
Carbon disulfide	< 4.49	ug/Kg		6/3/2016 14:54
Carbon Tetrachloride	< 4.49	ug/Kg		6/3/2016 14:54
Chlorobenzene	< 4.49	ug/Kg		6/3/2016 14:54

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B13-S
Lab Sample ID: 162126-12 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 4.49	ug/Kg		6/3/2016	14:54
Chloroform	< 4.49	ug/Kg		6/3/2016	14:54
Chloromethane	< 4.49	ug/Kg		6/3/2016	14:54
cis-1,2-Dichloroethene	< 4.49	ug/Kg		6/3/2016	14:54
cis-1,3-Dichloropropene	< 4.49	ug/Kg		6/3/2016	14:54
Cyclohexane	< 22.4	ug/Kg		6/3/2016	14:54
Dibromochloromethane	< 4.49	ug/Kg		6/3/2016	14:54
Dichlorodifluoromethane	< 4.49	ug/Kg		6/3/2016	14:54
Ethylbenzene	< 4.49	ug/Kg		6/3/2016	14:54
Freon 113	< 4.49	ug/Kg		6/3/2016	14:54
Isopropylbenzene	< 4.49	ug/Kg		6/3/2016	14:54
m,p-Xylene	< 4.49	ug/Kg		6/3/2016	14:54
Methyl acetate	< 4.49	ug/Kg		6/3/2016	14:54
Methyl tert-butyl Ether	< 4.49	ug/Kg		6/3/2016	14:54
Methylcyclohexane	< 4.49	ug/Kg		6/3/2016	14:54
Methylene chloride	**7.98**	ug/Kg	J	6/3/2016	14:54
o-Xylene	< 4.49	ug/Kg		6/3/2016	14:54
Styrene	< 11.2	ug/Kg		6/3/2016	14:54
Tetrachloroethene	**10.5**	ug/Kg		6/3/2016	14:54
Toluene	< 4.49	ug/Kg		6/3/2016	14:54
trans-1,2-Dichloroethene	< 4.49	ug/Kg		6/3/2016	14:54
trans-1,3-Dichloropropene	< 4.49	ug/Kg		6/3/2016	14:54
Trichloroethene	< 4.49	ug/Kg		6/3/2016	14:54
Trichlorofluoromethane	< 4.49	ug/Kg		6/3/2016	14:54
Vinyl chloride	< 4.49	ug/Kg		6/3/2016	14:54

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B13-S

Lab Sample ID: 162126-12 **Date Sampled:** 5/24/2016

Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**110**	85.4 - 122		6/3/2016	14:54
4-Bromofluorobenzene	**94.1**	81.1 - 115		6/3/2016	14:54
Pentafluorobenzene	**91.6**	90.7 - 109		6/3/2016	14:54
Toluene-D8	**98.5**	88.5 - 110		6/3/2016	14:54

Method Reference(s): EPA 8260C
EPA 5035

Data File: x32907.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B14-S		
Lab Sample ID:	162126-13	**Date Sampled:**	5/24/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.78	ug/Kg		6/3/2016 15:18
1,1,2,2-Tetrachloroethane	< 3.78	ug/Kg		6/3/2016 15:18
1,1,2-Trichloroethane	< 3.78	ug/Kg		6/3/2016 15:18
1,1-Dichloroethane	< 3.78	ug/Kg		6/3/2016 15:18
1,1-Dichloroethene	< 3.78	ug/Kg		6/3/2016 15:18
1,2,3-Trichlorobenzene	< 9.44	ug/Kg		6/3/2016 15:18
1,2,4-Trichlorobenzene	< 9.44	ug/Kg		6/3/2016 15:18
1,2-Dibromo-3-Chloropropane	< 18.9	ug/Kg		6/3/2016 15:18
1,2-Dibromoethane	< 3.78	ug/Kg		6/3/2016 15:18
1,2-Dichlorobenzene	< 3.78	ug/Kg		6/3/2016 15:18
1,2-Dichloroethane	< 3.78	ug/Kg		6/3/2016 15:18
1,2-Dichloropropane	< 3.78	ug/Kg		6/3/2016 15:18
1,3-Dichlorobenzene	< 3.78	ug/Kg		6/3/2016 15:18
1,4-Dichlorobenzene	< 3.78	ug/Kg		6/3/2016 15:18
1,4-dioxane	< 37.8	ug/Kg		6/3/2016 15:18
2-Butanone	< 18.9	ug/Kg		6/3/2016 15:18
2-Hexanone	< 9.44	ug/Kg		6/3/2016 15:18
4-Methyl-2-pentanone	< 9.44	ug/Kg		6/3/2016 15:18
Acetone	< 18.9	ug/Kg		6/3/2016 15:18
Benzene	< 3.78	ug/Kg		6/3/2016 15:18
Bromochloromethane	< 9.44	ug/Kg		6/3/2016 15:18
Bromodichloromethane	< 3.78	ug/Kg		6/3/2016 15:18
Bromoform	< 9.44	ug/Kg		6/3/2016 15:18
Bromomethane	< 3.78	ug/Kg		6/3/2016 15:18
Carbon disulfide	< 3.78	ug/Kg		6/3/2016 15:18
Carbon Tetrachloride	< 3.78	ug/Kg		6/3/2016 15:18
Chlorobenzene	< 3.78	ug/Kg		6/3/2016 15:18

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B14-S
Lab Sample ID: 162126-13 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 3.78	ug/Kg		6/3/2016	15:18
Chloroform	< 3.78	ug/Kg		6/3/2016	15:18
Chloromethane	< 3.78	ug/Kg		6/3/2016	15:18
cis-1,2-Dichloroethene	< 3.78	ug/Kg		6/3/2016	15:18
cis-1,3-Dichloropropene	< 3.78	ug/Kg		6/3/2016	15:18
Cyclohexane	< 18.9	ug/Kg		6/3/2016	15:18
Dibromochloromethane	< 3.78	ug/Kg		6/3/2016	15:18
Dichlorodifluoromethane	< 3.78	ug/Kg		6/3/2016	15:18
Ethylbenzene	< 3.78	ug/Kg		6/3/2016	15:18
Freon 113	< 3.78	ug/Kg		6/3/2016	15:18
Isopropylbenzene	< 3.78	ug/Kg		6/3/2016	15:18
m,p-Xylene	< 3.78	ug/Kg		6/3/2016	15:18
Methyl acetate	< 3.78	ug/Kg		6/3/2016	15:18
Methyl tert-butyl Ether	< 3.78	ug/Kg		6/3/2016	15:18
Methylcyclohexane	< 3.78	ug/Kg		6/3/2016	15:18
Methylene chloride	**6.76**	ug/Kg	J	6/3/2016	15:18
o-Xylene	< 3.78	ug/Kg		6/3/2016	15:18
Styrene	< 9.44	ug/Kg		6/3/2016	15:18
Tetrachloroethene	**8.71**	ug/Kg		6/3/2016	15:18
Toluene	< 3.78	ug/Kg		6/3/2016	15:18
trans-1,2-Dichloroethene	< 3.78	ug/Kg		6/3/2016	15:18
trans-1,3-Dichloropropene	< 3.78	ug/Kg		6/3/2016	15:18
Trichloroethene	< 3.78	ug/Kg		6/3/2016	15:18
Trichlorofluoromethane	< 3.78	ug/Kg		6/3/2016	15:18
Vinyl chloride	< 3.78	ug/Kg		6/3/2016	15:18

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B14-S
Lab Sample ID: 162126-13 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**111**	85.4 - 122		6/3/2016	15:18
4-Bromofluorobenzene	**95.5**	81.1 - 115		6/3/2016	15:18
Pentafluorobenzene	**92.4**	90.7 - 109		6/3/2016	15:18
Toluene-D8	**97.9**	88.5 - 110		6/3/2016	15:18

Method Reference(s): EPA 8260C
EPA 5035
Data File: x32908.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B15-S		
Lab Sample ID:	162126-14	**Date Sampled:**	5/24/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.32	ug/Kg		6/3/2016 15:42
1,1,2,2-Tetrachloroethane	< 3.32	ug/Kg		6/3/2016 15:42
1,1,2-Trichloroethane	< 3.32	ug/Kg		6/3/2016 15:42
1,1-Dichloroethane	< 3.32	ug/Kg		6/3/2016 15:42
1,1-Dichloroethene	< 3.32	ug/Kg		6/3/2016 15:42
1,2,3-Trichlorobenzene	< 8.30	ug/Kg		6/3/2016 15:42
1,2,4-Trichlorobenzene	< 8.30	ug/Kg		6/3/2016 15:42
1,2-Dibromo-3-Chloropropane	< 16.6	ug/Kg		6/3/2016 15:42
1,2-Dibromoethane	< 3.32	ug/Kg		6/3/2016 15:42
1,2-Dichlorobenzene	< 3.32	ug/Kg		6/3/2016 15:42
1,2-Dichloroethane	< 3.32	ug/Kg		6/3/2016 15:42
1,2-Dichloropropane	< 3.32	ug/Kg		6/3/2016 15:42
1,3-Dichlorobenzene	< 3.32	ug/Kg		6/3/2016 15:42
1,4-Dichlorobenzene	< 3.32	ug/Kg		6/3/2016 15:42
1,4-dioxane	< 33.2	ug/Kg		6/3/2016 15:42
2-Butanone	< 16.6	ug/Kg		6/3/2016 15:42
2-Hexanone	< 8.30	ug/Kg		6/3/2016 15:42
4-Methyl-2-pentanone	< 8.30	ug/Kg		6/3/2016 15:42
Acetone	< 16.6	ug/Kg		6/3/2016 15:42
Benzene	< 3.32	ug/Kg		6/3/2016 15:42
Bromochloromethane	< 8.30	ug/Kg		6/3/2016 15:42
Bromodichloromethane	< 3.32	ug/Kg		6/3/2016 15:42
Bromoform	< 8.30	ug/Kg		6/3/2016 15:42
Bromomethane	< 3.32	ug/Kg		6/3/2016 15:42
Carbon disulfide	< 3.32	ug/Kg		6/3/2016 15:42
Carbon Tetrachloride	< 3.32	ug/Kg		6/3/2016 15:42
Chlorobenzene	< 3.32	ug/Kg		6/3/2016 15:42

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B15-S
Lab Sample ID: 162126-14 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 3.32	ug/Kg	6/3/2016	15:42
Chloroform	< 3.32	ug/Kg	6/3/2016	15:42
Chloromethane	< 3.32	ug/Kg	6/3/2016	15:42
cis-1,2-Dichloroethene	< 3.32	ug/Kg	6/3/2016	15:42
cis-1,3-Dichloropropene	< 3.32	ug/Kg	6/3/2016	15:42
Cyclohexane	< 16.6	ug/Kg	6/3/2016	15:42
Dibromochloromethane	< 3.32	ug/Kg	6/3/2016	15:42
Dichlorodifluoromethane	< 3.32	ug/Kg	6/3/2016	15:42
Ethylbenzene	< 3.32	ug/Kg	6/3/2016	15:42
Freon 113	< 3.32	ug/Kg	6/3/2016	15:42
Isopropylbenzene	< 3.32	ug/Kg	6/3/2016	15:42
m,p-Xylene	< 3.32	ug/Kg	6/3/2016	15:42
Methyl acetate	< 3.32	ug/Kg	6/3/2016	15:42
Methyl tert-butyl Ether	< 3.32	ug/Kg	6/3/2016	15:42
Methylcyclohexane	< 3.32	ug/Kg	6/3/2016	15:42
Methylene chloride	< 8.30	ug/Kg	6/3/2016	15:42
o-Xylene	< 3.32	ug/Kg	6/3/2016	15:42
Styrene	< 8.30	ug/Kg	6/3/2016	15:42
Tetrachloroethene	**260**	ug/Kg	6/3/2016	15:42
Toluene	< 3.32	ug/Kg	6/3/2016	15:42
trans-1,2-Dichloroethene	< 3.32	ug/Kg	6/3/2016	15:42
trans-1,3-Dichloropropene	< 3.32	ug/Kg	6/3/2016	15:42
Trichloroethene	**10.6**	ug/Kg	6/3/2016	15:42
Trichlorofluoromethane	< 3.32	ug/Kg	6/3/2016	15:42
Vinyl chloride	< 3.32	ug/Kg	6/3/2016	15:42

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B15-S

Lab Sample ID: 162126-14 **Date Sampled:** 5/24/2016

Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**112**	85.4 - 122		6/3/2016	15:42
4-Bromofluorobenzene	**90.0**	81.1 - 115		6/3/2016	15:42
Pentafluorobenzene	**91.0**	90.7 - 109		6/3/2016	15:42
Toluene-D8	**97.8**	88.5 - 110		6/3/2016	15:42

Method Reference(s): EPA 8260C
EPA 5035

Data File: x32909.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B16-S		
Lab Sample ID:	162126-15	**Date Sampled:**	5/24/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 10.4	ug/Kg		6/3/2016 20:30
1,1,2,2-Tetrachloroethane	< 10.4	ug/Kg		6/3/2016 20:30
1,1,2-Trichloroethane	< 10.4	ug/Kg		6/3/2016 20:30
1,1-Dichloroethane	< 10.4	ug/Kg		6/3/2016 20:30
1,1-Dichloroethene	< 10.4	ug/Kg		6/3/2016 20:30
1,2,3-Trichlorobenzene	< 25.9	ug/Kg		6/3/2016 20:30
1,2,4-Trichlorobenzene	< 25.9	ug/Kg		6/3/2016 20:30
1,2-Dibromo-3-Chloropropane	< 51.8	ug/Kg		6/3/2016 20:30
1,2-Dibromoethane	< 10.4	ug/Kg		6/3/2016 20:30
1,2-Dichlorobenzene	< 10.4	ug/Kg		6/3/2016 20:30
1,2-Dichloroethane	< 10.4	ug/Kg		6/3/2016 20:30
1,2-Dichloropropane	< 10.4	ug/Kg		6/3/2016 20:30
1,3-Dichlorobenzene	< 10.4	ug/Kg		6/3/2016 20:30
1,4-Dichlorobenzene	< 10.4	ug/Kg		6/3/2016 20:30
1,4-dioxane	< 104	ug/Kg		6/3/2016 20:30
2-Butanone	< 51.8	ug/Kg		6/3/2016 20:30
2-Hexanone	< 25.9	ug/Kg		6/3/2016 20:30
4-Methyl-2-pentanone	< 25.9	ug/Kg		6/3/2016 20:30
Acetone	< 51.8	ug/Kg		6/3/2016 20:30
Benzene	< 10.4	ug/Kg		6/3/2016 20:30
Bromochloromethane	< 25.9	ug/Kg		6/3/2016 20:30
Bromodichloromethane	< 10.4	ug/Kg		6/3/2016 20:30
Bromoform	< 25.9	ug/Kg		6/3/2016 20:30
Bromomethane	< 10.4	ug/Kg		6/3/2016 20:30
Carbon disulfide	< 10.4	ug/Kg		6/3/2016 20:30
Carbon Tetrachloride	< 10.4	ug/Kg		6/3/2016 20:30
Chlorobenzene	< 10.4	ug/Kg		6/3/2016 20:30

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B16-S
Lab Sample ID: 162126-15 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 10.4	ug/Kg		6/3/2016	20:30
Chloroform	< 10.4	ug/Kg		6/3/2016	20:30
Chloromethane	< 10.4	ug/Kg		6/3/2016	20:30
cis-1,2-Dichloroethene	< 10.4	ug/Kg		6/3/2016	20:30
cis-1,3-Dichloropropene	< 10.4	ug/Kg		6/3/2016	20:30
Cyclohexane	< 51.8	ug/Kg		6/3/2016	20:30
Dibromochloromethane	< 10.4	ug/Kg		6/3/2016	20:30
Dichlorodifluoromethane	< 10.4	ug/Kg		6/3/2016	20:30
Ethylbenzene	< 10.4	ug/Kg		6/3/2016	20:30
Freon 113	< 10.4	ug/Kg		6/3/2016	20:30
Isopropylbenzene	< 10.4	ug/Kg		6/3/2016	20:30
m,p-Xylene	< 10.4	ug/Kg		6/3/2016	20:30
Methyl acetate	< 10.4	ug/Kg		6/3/2016	20:30
Methyl tert-butyl Ether	< 10.4	ug/Kg		6/3/2016	20:30
Methylcyclohexane	< 10.4	ug/Kg		6/3/2016	20:30
Methylene chloride	< 25.9	ug/Kg		6/3/2016	20:30
o-Xylene	< 10.4	ug/Kg		6/3/2016	20:30
Styrene	< 25.9	ug/Kg		6/3/2016	20:30
Tetrachloroethene	**423**	ug/Kg		6/3/2016	20:30
Toluene	< 10.4	ug/Kg		6/3/2016	20:30
trans-1,2-Dichloroethene	< 10.4	ug/Kg		6/3/2016	20:30
trans-1,3-Dichloropropene	< 10.4	ug/Kg		6/3/2016	20:30
Trichloroethene	**7.58**	ug/Kg	J	6/3/2016	20:30
Trichlorofluoromethane	< 10.4	ug/Kg		6/3/2016	20:30
Vinyl chloride	< 10.4	ug/Kg		6/3/2016	20:30

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B16-S

Lab Sample ID: 162126-15 **Date Sampled:** 5/24/2016

Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**112**	85.4 - 122		6/3/2016	20:30
4-Bromofluorobenzene	**93.0**	81.1 - 115		6/3/2016	20:30
Pentafluorobenzene	**90.9**	90.7 - 109		6/3/2016	20:30
Toluene-D8	**99.7**	88.5 - 110		6/3/2016	20:30

Method Reference(s): EPA 8260C
EPA 5035

Data File: x32921.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B17-S		
Lab Sample ID:	162126-16	**Date Sampled:**	5/24/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.40	ug/Kg		6/3/2016 16:30
1,1,2,2-Tetrachloroethane	< 4.40	ug/Kg		6/3/2016 16:30
1,1,2-Trichloroethane	< 4.40	ug/Kg		6/3/2016 16:30
1,1-Dichloroethane	< 4.40	ug/Kg		6/3/2016 16:30
1,1-Dichloroethene	< 4.40	ug/Kg		6/3/2016 16:30
1,2,3-Trichlorobenzene	< 11.0	ug/Kg		6/3/2016 16:30
1,2,4-Trichlorobenzene	< 11.0	ug/Kg		6/3/2016 16:30
1,2-Dibromo-3-Chloropropane	< 22.0	ug/Kg		6/3/2016 16:30
1,2-Dibromoethane	< 4.40	ug/Kg		6/3/2016 16:30
1,2-Dichlorobenzene	< 4.40	ug/Kg		6/3/2016 16:30
1,2-Dichloroethane	< 4.40	ug/Kg		6/3/2016 16:30
1,2-Dichloropropane	< 4.40	ug/Kg		6/3/2016 16:30
1,3-Dichlorobenzene	< 4.40	ug/Kg		6/3/2016 16:30
1,4-Dichlorobenzene	< 4.40	ug/Kg		6/3/2016 16:30
1,4-dioxane	< 44.0	ug/Kg		6/3/2016 16:30
2-Butanone	< 22.0	ug/Kg		6/3/2016 16:30
2-Hexanone	< 11.0	ug/Kg		6/3/2016 16:30
4-Methyl-2-pentanone	< 11.0	ug/Kg		6/3/2016 16:30
Acetone	< 22.0	ug/Kg		6/3/2016 16:30
Benzene	< 4.40	ug/Kg		6/3/2016 16:30
Bromochloromethane	< 11.0	ug/Kg		6/3/2016 16:30
Bromodichloromethane	< 4.40	ug/Kg		6/3/2016 16:30
Bromoform	< 11.0	ug/Kg		6/3/2016 16:30
Bromomethane	< 4.40	ug/Kg		6/3/2016 16:30
Carbon disulfide	< 4.40	ug/Kg		6/3/2016 16:30
Carbon Tetrachloride	< 4.40	ug/Kg		6/3/2016 16:30
Chlorobenzene	< 4.40	ug/Kg		6/3/2016 16:30

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B17-S
Lab Sample ID: 162126-16 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 4.40	ug/Kg		6/3/2016	16:30
Chloroform	< 4.40	ug/Kg		6/3/2016	16:30
Chloromethane	< 4.40	ug/Kg		6/3/2016	16:30
cis-1,2-Dichloroethene	< 4.40	ug/Kg		6/3/2016	16:30
cis-1,3-Dichloropropene	< 4.40	ug/Kg		6/3/2016	16:30
Cyclohexane	< 22.0	ug/Kg		6/3/2016	16:30
Dibromochloromethane	< 4.40	ug/Kg		6/3/2016	16:30
Dichlorodifluoromethane	< 4.40	ug/Kg		6/3/2016	16:30
Ethylbenzene	< 4.40	ug/Kg		6/3/2016	16:30
Freon 113	< 4.40	ug/Kg		6/3/2016	16:30
Isopropylbenzene	< 4.40	ug/Kg		6/3/2016	16:30
m,p-Xylene	< 4.40	ug/Kg		6/3/2016	16:30
Methyl acetate	< 4.40	ug/Kg		6/3/2016	16:30
Methyl tert-butyl Ether	< 4.40	ug/Kg		6/3/2016	16:30
Methylcyclohexane	< 4.40	ug/Kg		6/3/2016	16:30
Methylene chloride	**10.2**	ug/Kg	J	6/3/2016	16:30
o-Xylene	< 4.40	ug/Kg		6/3/2016	16:30
Styrene	< 11.0	ug/Kg		6/3/2016	16:30
Tetrachloroethene	**193**	ug/Kg		6/3/2016	16:30
Toluene	< 4.40	ug/Kg		6/3/2016	16:30
trans-1,2-Dichloroethene	< 4.40	ug/Kg		6/3/2016	16:30
trans-1,3-Dichloropropene	< 4.40	ug/Kg		6/3/2016	16:30
Trichloroethene	< 4.40	ug/Kg		6/3/2016	16:30
Trichlorofluoromethane	< 4.40	ug/Kg		6/3/2016	16:30
Vinyl chloride	< 4.40	ug/Kg		6/3/2016	16:30

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B17-S

Lab Sample ID: 162126-16 **Date Sampled:** 5/24/2016

Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**110**	85.4 - 122		6/3/2016	16:30
4-Bromofluorobenzene	**91.4**	81.1 - 115		6/3/2016	16:30
Pentafluorobenzene	**86.8**	90.7 - 109	*	6/3/2016	16:30
Toluene-D8	**98.5**	88.5 - 110		6/3/2016	16:30

Method Reference(s): EPA 8260C
EPA 5035

Data File: x32911.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B18-S		
Lab Sample ID:	162126-17	**Date Sampled:**	5/24/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.42	ug/Kg		6/3/2016 16:54
1,1,2,2-Tetrachloroethane	< 4.42	ug/Kg		6/3/2016 16:54
1,1,2-Trichloroethane	< 4.42	ug/Kg		6/3/2016 16:54
1,1-Dichloroethane	< 4.42	ug/Kg		6/3/2016 16:54
1,1-Dichloroethene	< 4.42	ug/Kg		6/3/2016 16:54
1,2,3-Trichlorobenzene	< 11.1	ug/Kg		6/3/2016 16:54
1,2,4-Trichlorobenzene	< 11.1	ug/Kg		6/3/2016 16:54
1,2-Dibromo-3-Chloropropane	< 22.1	ug/Kg		6/3/2016 16:54
1,2-Dibromoethane	< 4.42	ug/Kg		6/3/2016 16:54
1,2-Dichlorobenzene	< 4.42	ug/Kg		6/3/2016 16:54
1,2-Dichloroethane	< 4.42	ug/Kg		6/3/2016 16:54
1,2-Dichloropropane	< 4.42	ug/Kg		6/3/2016 16:54
1,3-Dichlorobenzene	< 4.42	ug/Kg		6/3/2016 16:54
1,4-Dichlorobenzene	< 4.42	ug/Kg		6/3/2016 16:54
1,4-dioxane	< 44.2	ug/Kg		6/3/2016 16:54
2-Butanone	< 22.1	ug/Kg		6/3/2016 16:54
2-Hexanone	< 11.1	ug/Kg		6/3/2016 16:54
4-Methyl-2-pentanone	< 11.1	ug/Kg		6/3/2016 16:54
Acetone	< 22.1	ug/Kg		6/3/2016 16:54
Benzene	< 4.42	ug/Kg		6/3/2016 16:54
Bromochloromethane	< 11.1	ug/Kg		6/3/2016 16:54
Bromodichloromethane	< 4.42	ug/Kg		6/3/2016 16:54
Bromoform	< 11.1	ug/Kg		6/3/2016 16:54
Bromomethane	< 4.42	ug/Kg		6/3/2016 16:54
Carbon disulfide	< 4.42	ug/Kg		6/3/2016 16:54
Carbon Tetrachloride	< 4.42	ug/Kg		6/3/2016 16:54
Chlorobenzene	< 4.42	ug/Kg		6/3/2016 16:54

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B18-S
Lab Sample ID: 162126-17 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 4.42	ug/Kg	6/3/2016	16:54
Chloroform	< 4.42	ug/Kg	6/3/2016	16:54
Chloromethane	< 4.42	ug/Kg	6/3/2016	16:54
cis-1,2-Dichloroethene	< 4.42	ug/Kg	6/3/2016	16:54
cis-1,3-Dichloropropene	< 4.42	ug/Kg	6/3/2016	16:54
Cyclohexane	< 22.1	ug/Kg	6/3/2016	16:54
Dibromochloromethane	< 4.42	ug/Kg	6/3/2016	16:54
Dichlorodifluoromethane	< 4.42	ug/Kg	6/3/2016	16:54
Ethylbenzene	< 4.42	ug/Kg	6/3/2016	16:54
Freon 113	< 4.42	ug/Kg	6/3/2016	16:54
Isopropylbenzene	< 4.42	ug/Kg	6/3/2016	16:54
m,p-Xylene	< 4.42	ug/Kg	6/3/2016	16:54
Methyl acetate	< 4.42	ug/Kg	6/3/2016	16:54
Methyl tert-butyl Ether	< 4.42	ug/Kg	6/3/2016	16:54
Methylcyclohexane	< 4.42	ug/Kg	6/3/2016	16:54
Methylene chloride	< 11.1	ug/Kg	6/3/2016	16:54
o-Xylene	< 4.42	ug/Kg	6/3/2016	16:54
Styrene	< 11.1	ug/Kg	6/3/2016	16:54
Tetrachloroethene	**31.2**	ug/Kg	6/3/2016	16:54
Toluene	< 4.42	ug/Kg	6/3/2016	16:54
trans-1,2-Dichloroethene	< 4.42	ug/Kg	6/3/2016	16:54
trans-1,3-Dichloropropene	< 4.42	ug/Kg	6/3/2016	16:54
Trichloroethene	< 4.42	ug/Kg	6/3/2016	16:54
Trichlorofluoromethane	< 4.42	ug/Kg	6/3/2016	16:54
Vinyl chloride	< 4.42	ug/Kg	6/3/2016	16:54

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B18-S
Lab Sample ID: 162126-17 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**112**	85.4 - 122		6/3/2016	16:54
4-Bromofluorobenzene	**92.9**	81.1 - 115		6/3/2016	16:54
Pentafluorobenzene	**92.2**	90.7 - 109		6/3/2016	16:54
Toluene-D8	**101**	88.5 - 110		6/3/2016	16:54

Method Reference(s): EPA 8260C
EPA 5035
Data File: x32912.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-B19-S		
Lab Sample ID:	162126-18	**Date Sampled:**	5/24/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 3.92	ug/Kg		6/3/2016 17:18
1,1,2,2-Tetrachloroethane	< 3.92	ug/Kg		6/3/2016 17:18
1,1,2-Trichloroethane	< 3.92	ug/Kg		6/3/2016 17:18
1,1-Dichloroethane	< 3.92	ug/Kg		6/3/2016 17:18
1,1-Dichloroethene	< 3.92	ug/Kg		6/3/2016 17:18
1,2,3-Trichlorobenzene	< 9.80	ug/Kg		6/3/2016 17:18
1,2,4-Trichlorobenzene	< 9.80	ug/Kg		6/3/2016 17:18
1,2-Dibromo-3-Chloropropane	< 19.6	ug/Kg		6/3/2016 17:18
1,2-Dibromoethane	< 3.92	ug/Kg		6/3/2016 17:18
1,2-Dichlorobenzene	< 3.92	ug/Kg		6/3/2016 17:18
1,2-Dichloroethane	< 3.92	ug/Kg		6/3/2016 17:18
1,2-Dichloropropane	< 3.92	ug/Kg		6/3/2016 17:18
1,3-Dichlorobenzene	< 3.92	ug/Kg		6/3/2016 17:18
1,4-Dichlorobenzene	< 3.92	ug/Kg		6/3/2016 17:18
1,4-dioxane	< 39.2	ug/Kg		6/3/2016 17:18
2-Butanone	< 19.6	ug/Kg		6/3/2016 17:18
2-Hexanone	< 9.80	ug/Kg		6/3/2016 17:18
4-Methyl-2-pentanone	< 9.80	ug/Kg		6/3/2016 17:18
Acetone	< 19.6	ug/Kg		6/3/2016 17:18
Benzene	< 3.92	ug/Kg		6/3/2016 17:18
Bromochloromethane	< 9.80	ug/Kg		6/3/2016 17:18
Bromodichloromethane	< 3.92	ug/Kg		6/3/2016 17:18
Bromoform	< 9.80	ug/Kg		6/3/2016 17:18
Bromomethane	< 3.92	ug/Kg		6/3/2016 17:18
Carbon disulfide	< 3.92	ug/Kg		6/3/2016 17:18
Carbon Tetrachloride	< 3.92	ug/Kg		6/3/2016 17:18
Chlorobenzene	< 3.92	ug/Kg		6/3/2016 17:18

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B19-S
Lab Sample ID: 162126-18 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 3.92	ug/Kg		6/3/2016	17:18
Chloroform	< 3.92	ug/Kg		6/3/2016	17:18
Chloromethane	< 3.92	ug/Kg		6/3/2016	17:18
cis-1,2-Dichloroethene	< 3.92	ug/Kg		6/3/2016	17:18
cis-1,3-Dichloropropene	< 3.92	ug/Kg		6/3/2016	17:18
Cyclohexane	< 19.6	ug/Kg		6/3/2016	17:18
Dibromochloromethane	< 3.92	ug/Kg		6/3/2016	17:18
Dichlorodifluoromethane	< 3.92	ug/Kg		6/3/2016	17:18
Ethylbenzene	< 3.92	ug/Kg		6/3/2016	17:18
Freon 113	< 3.92	ug/Kg		6/3/2016	17:18
Isopropylbenzene	< 3.92	ug/Kg		6/3/2016	17:18
m,p-Xylene	< 3.92	ug/Kg		6/3/2016	17:18
Methyl acetate	< 3.92	ug/Kg		6/3/2016	17:18
Methyl tert-butyl Ether	< 3.92	ug/Kg		6/3/2016	17:18
Methylcyclohexane	< 3.92	ug/Kg		6/3/2016	17:18
Methylene chloride	**5.62**	ug/Kg	J	6/3/2016	17:18
o-Xylene	< 3.92	ug/Kg		6/3/2016	17:18
Styrene	< 9.80	ug/Kg		6/3/2016	17:18
Tetrachloroethene	**2.19**	ug/Kg	J	6/3/2016	17:18
Toluene	< 3.92	ug/Kg		6/3/2016	17:18
trans-1,2-Dichloroethene	< 3.92	ug/Kg		6/3/2016	17:18
trans-1,3-Dichloropropene	< 3.92	ug/Kg		6/3/2016	17:18
Trichloroethene	< 3.92	ug/Kg		6/3/2016	17:18
Trichlorofluoromethane	< 3.92	ug/Kg		6/3/2016	17:18
Vinyl chloride	< 3.92	ug/Kg		6/3/2016	17:18

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B19-S
Lab Sample ID: 162126-18 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**112**	85.4 - 122		6/3/2016	17:18
4-Bromofluorobenzene	**92.0**	81.1 - 115		6/3/2016	17:18
Pentafluorobenzene	**91.2**	90.7 - 109		6/3/2016	17:18
Toluene-D8	**99.0**	88.5 - 110		6/3/2016	17:18

Method Reference(s): EPA 8260C
EPA 5035
Data File: x32913.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier:	828-2016-FD-S		
Lab Sample ID:	162126-19	**Date Sampled:**	5/24/2016
Matrix:	Soil	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 20.0	ug/Kg		6/3/2016 20:54
1,1,2,2-Tetrachloroethane	< 20.0	ug/Kg		6/3/2016 20:54
1,1,2-Trichloroethane	< 20.0	ug/Kg		6/3/2016 20:54
1,1-Dichloroethane	< 20.0	ug/Kg		6/3/2016 20:54
1,1-Dichloroethene	< 20.0	ug/Kg		6/3/2016 20:54
1,2,3-Trichlorobenzene	< 50.1	ug/Kg		6/3/2016 20:54
1,2,4-Trichlorobenzene	< 50.1	ug/Kg		6/3/2016 20:54
1,2-Dibromo-3-Chloropropane	< 100	ug/Kg		6/3/2016 20:54
1,2-Dibromoethane	< 20.0	ug/Kg		6/3/2016 20:54
1,2-Dichlorobenzene	< 20.0	ug/Kg		6/3/2016 20:54
1,2-Dichloroethane	< 20.0	ug/Kg		6/3/2016 20:54
1,2-Dichloropropane	< 20.0	ug/Kg		6/3/2016 20:54
1,3-Dichlorobenzene	< 20.0	ug/Kg		6/3/2016 20:54
1,4-Dichlorobenzene	< 20.0	ug/Kg		6/3/2016 20:54
1,4-dioxane	< 200	ug/Kg		6/3/2016 20:54
2-Butanone	< 100	ug/Kg		6/3/2016 20:54
2-Hexanone	< 50.1	ug/Kg		6/3/2016 20:54
4-Methyl-2-pentanone	< 50.1	ug/Kg		6/3/2016 20:54
Acetone	< 100	ug/Kg		6/3/2016 20:54
Benzene	< 20.0	ug/Kg		6/3/2016 20:54
Bromochloromethane	< 50.1	ug/Kg		6/3/2016 20:54
Bromodichloromethane	< 20.0	ug/Kg		6/3/2016 20:54
Bromoform	< 50.1	ug/Kg		6/3/2016 20:54
Bromomethane	< 20.0	ug/Kg		6/3/2016 20:54
Carbon disulfide	< 20.0	ug/Kg		6/3/2016 20:54
Carbon Tetrachloride	< 20.0	ug/Kg		6/3/2016 20:54
Chlorobenzene	< 20.0	ug/Kg		6/3/2016 20:54

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-FD-S
Lab Sample ID: 162126-19 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Chloroethane	< 20.0	ug/Kg		6/3/2016	20:54
Chloroform	< 20.0	ug/Kg		6/3/2016	20:54
Chloromethane	< 20.0	ug/Kg		6/3/2016	20:54
cis-1,2-Dichloroethene	< 20.0	ug/Kg		6/3/2016	20:54
cis-1,3-Dichloropropene	< 20.0	ug/Kg		6/3/2016	20:54
Cyclohexane	< 100	ug/Kg		6/3/2016	20:54
Dibromochloromethane	< 20.0	ug/Kg		6/3/2016	20:54
Dichlorodifluoromethane	< 20.0	ug/Kg		6/3/2016	20:54
Ethylbenzene	< 20.0	ug/Kg		6/3/2016	20:54
Freon 113	< 20.0	ug/Kg		6/3/2016	20:54
Isopropylbenzene	< 20.0	ug/Kg		6/3/2016	20:54
m,p-Xylene	< 20.0	ug/Kg		6/3/2016	20:54
Methyl acetate	< 20.0	ug/Kg		6/3/2016	20:54
Methyl tert-butyl Ether	< 20.0	ug/Kg		6/3/2016	20:54
Methylcyclohexane	< 20.0	ug/Kg		6/3/2016	20:54
Methylene chloride	< 50.1	ug/Kg		6/3/2016	20:54
o-Xylene	< 20.0	ug/Kg		6/3/2016	20:54
Styrene	< 50.1	ug/Kg		6/3/2016	20:54
Tetrachloroethene	**977**	ug/Kg		6/3/2016	20:54
Toluene	< 20.0	ug/Kg		6/3/2016	20:54
trans-1,2-Dichloroethene	< 20.0	ug/Kg		6/3/2016	20:54
trans-1,3-Dichloropropene	< 20.0	ug/Kg		6/3/2016	20:54
Trichloroethene	**17.3**	ug/Kg	J	6/3/2016	20:54
Trichlorofluoromethane	< 20.0	ug/Kg		6/3/2016	20:54
Vinyl chloride	< 20.0	ug/Kg		6/3/2016	20:54

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-FD-S
Lab Sample ID: 162126-19 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**116**	85.4 - 122		6/3/2016	20:54
4-Bromofluorobenzene	**95.6**	81.1 - 115		6/3/2016	20:54
Pentafluorobenzene	**91.8**	90.7 - 109		6/3/2016	20:54
Toluene-D8	**99.4**	88.5 - 110		6/3/2016	20:54

Method Reference(s): EPA 8260C
EPA 5035
Data File: x32922.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B1-S
Lab Sample ID: 162126-01 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 20.8	ug/Kg		6/3/2016
Total Reported TICS	< 20.8	ug/Kg		6/3/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B2-S
Lab Sample ID: 162126-02 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 19.9	ug/Kg		6/3/2016
Total Reported TICS	< 19.9	ug/Kg		6/3/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B3-S
Lab Sample ID: 162126-03 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 10.0	ug/Kg		6/2/2016
Total Reported TICS	< 10.0	ug/Kg		6/2/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B4-S
Lab Sample ID: 162126-04 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 10.3	ug/Kg		6/2/2016
Total Reported TICS	< 10.3	ug/Kg		6/2/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B5-S
Lab Sample ID: 162126-05 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 115	ug/Kg		6/3/2016
Total Reported TICS	< 115	ug/Kg		6/3/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B7-S
Lab Sample ID: 162126-06 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 11.0	ug/Kg		6/2/2016
Total Reported TICS	< 11.0	ug/Kg		6/2/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B8-S
Lab Sample ID: 162126-07 **Date Sampled:** 5/23/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 8.90	ug/Kg		6/2/2016
Total Reported TICS	< 8.90	ug/Kg		6/2/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B9-S
Lab Sample ID: 162126-08 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 9.22	ug/Kg		6/3/2016
Total Reported TICS	< 9.22	ug/Kg		6/3/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B10-S
Lab Sample ID: 162126-09 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 9.78	ug/Kg		6/3/2016
Total Reported TICS	< 9.78	ug/Kg		6/3/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B11-S
Lab Sample ID: 162126-10 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 11.1	ug/Kg		6/3/2016
Total Reported TICS	< 11.1	ug/Kg		6/3/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B12-S
Lab Sample ID: 162126-11 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 10.6	ug/Kg		6/3/2016
Total Reported TICS	< 10.6	ug/Kg		6/3/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B13-S
Lab Sample ID: 162126-12 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 11.2	ug/Kg		6/3/2016
Total Reported TICS	< 11.2	ug/Kg		6/3/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B14-S
Lab Sample ID: 162126-13 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 9.44	ug/Kg		6/3/2016
Total Reported TICS	< 9.44	ug/Kg		6/3/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B15-S
Lab Sample ID: 162126-14 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 8.30	ug/Kg		6/3/2016
Total Reported TICS	< 8.30	ug/Kg		6/3/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B16-S
Lab Sample ID: 162126-15 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 25.9	ug/Kg		6/3/2016
Total Reported TICS	< 25.9	ug/Kg		6/3/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B17-S
Lab Sample ID: 162126-16 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 11.0	ug/Kg		6/3/2016
Total Reported TICS	< 11.0	ug/Kg		6/3/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B18-S
Lab Sample ID: 162126-17 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 11.1	ug/Kg		6/3/2016
Total Reported TICS	< 11.1	ug/Kg		6/3/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-B19-S
Lab Sample ID: 162126-18 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 9.80	ug/Kg		6/3/2016
Total Reported TICS	< 9.80	ug/Kg		6/3/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162126

Client: **Stantec**

Project Reference: 8-28 Ward St

Sample Identifier: 828-2016-FD-S
Lab Sample ID: 162126-19 **Date Sampled:** 5/24/2016
Matrix: Soil **Date Received:** 5/25/2016

Volatile Tentatively Identified Compounds

Tentatively Identified Compound	Result	Units	Qualifier	Date Analyzed
None Found	< 50.1	ug/Kg		6/3/2016
Total Reported TICS	< 50.1	ug/Kg		6/3/2016

Method Reference(s): EPA 8260C
EPA 5035A

Tentatively Identified Compound results are estimated values, based on Internal Standard response factors.

Report Prepared Thursday, June 09, 2016

Analytical Report Appendix

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

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

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

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

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

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

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

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

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

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

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

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

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

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

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

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

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

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

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

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		
CLIENT: Stantec		CLIENT:		LAB PROJECT ID: 162126
ADDRESS: 61 Commercial St		ADDRESS:		
CITY: Rochester STATE: NY ZIP: 14614		CITY: STATE: ZIP:		Quotation #:
PHONE: ~~431~~ 413-5266		PHONE:		Email: mike.storonsky@stantec.com
ATTN: Mike Storonsky		ATTN: Ben Haravitch		

PROJECT REFERENCE: 8-28 Ward St

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	TCL VOC	TICs per GP 5/26/16	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/23/16	1200		X	828-2016-B1-S	SO	1	X	X		01
2		1300			828-2016-B2-S						02
3		1350			828-2016-B3-S						03
4		1430			828-2016-B4-S						04
5		1500			828-2016-B5-S						05
6		1540			828-2016-B7-S						06
7		1620			828-2016-B8-S						07
8	5/24/16	0850			828-2016-B9-S		3			MS/MSD	08
9		0930			828-2016-B10-S		1				09
10		1020			828-2016-B11-S		1				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	☒

Sampled By: Ben Haravitch	Date/Time: 5/24/16 1615	Total Cost:
Relinquished By: Ben Haravitch	Date/Time: 5/25/16 12:20	
Received By:	Date/Time: 5/25/16 12:20	P.I.F.
Received @ Lab By:	Date/Time: 5/25/16 15:23	

4°C iced 5/25/16 13:10. Custody Seal N/A, samples delivered by client.
GP 5/25/16

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

PARADIGM ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	Stantec	CLIENT:		162126
ADDRESS:	61 Commercial St	ADDRESS:		Quotation #:
CITY:	Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:		
PHONE:	413 - 526 6	PHONE:		Email:
ATTN:	Mike Staransky	ATTN:	Ben Haravitch	mike.staransky@stantec.com

PROJECT REFERENCE

8-28 Wood St

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	TCL VOC	TICs for 8260	6NYCRR 5/26/16	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/24/16	1050		X	828-2016-B12-S	SO	1	X	X			11
2		1140			828-2016-B13-S							12
3		1310			828-2016-B14-S							13
4		1340			828-2016-B15-S							14
5		1415			828-2016-B16-S							15
6		1450			828-2016-B17-S							16
7		1550			828-2016-B18-S							17
8		1615			828-2016-B19-S							18
9		1420			828-2016-FD-S							19
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

Sampled By	Ben Haravitch	5/24/16	1615
Relinquished By	Bryan Hunter	5/25/16	12:20
Received By		5/25/16	12:20
Received @ Lab By		5/25/16	15:23

Total Cost:

P.I.F.

Chain of Custody Supplement

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

Lab Project ID: 162126 **Date:** 5/25/16

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	X 5035	
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		
Comments	4°C iced 5/25/16 13:10		
Sufficient Sample Quantity	X		
Comments			

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

Stantec

For Lab Project ID

162123

Referencing

8-28 Ward Street

Prepared

Thursday, June 09, 2016

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

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

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162123

Client: **Stantec**

Project Reference: 8-28 Ward Street

Sample Identifier:	828-2016-IDW-W		
Lab Sample ID:	162123-01	**Date Sampled:**	5/25/2016
Matrix:	Groundwater	**Date Received:**	5/25/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		6/8/2016 14:13
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		6/8/2016 14:13
1,1,2-Trichloroethane	< 2.00	ug/L		6/8/2016 14:13
1,1-Dichloroethane	< 2.00	ug/L		6/8/2016 14:13
1,1-Dichloroethene	< 2.00	ug/L		6/8/2016 14:13
1,2-Dichlorobenzene	< 2.00	ug/L		6/8/2016 14:13
1,2-Dichloroethane	< 2.00	ug/L		6/8/2016 14:13
1,2-Dichloropropane	< 2.00	ug/L		6/8/2016 14:13
1,3-Dichlorobenzene	< 2.00	ug/L		6/8/2016 14:13
1,4-Dichlorobenzene	< 2.00	ug/L		6/8/2016 14:13
2-Chloroethyl vinyl Ether	< 10.0	ug/L		6/8/2016 14:13
Benzene	< 1.00	ug/L		6/8/2016 14:13
Bromodichloromethane	< 2.00	ug/L		6/8/2016 14:13
Bromoform	< 5.00	ug/L		6/8/2016 14:13
Bromomethane	< 2.00	ug/L		6/8/2016 14:13
Carbon Tetrachloride	< 2.00	ug/L		6/8/2016 14:13
Chlorobenzene	< 2.00	ug/L		6/8/2016 14:13
Chloroethane	< 2.00	ug/L		6/8/2016 14:13
Chloroform	< 2.00	ug/L		6/8/2016 14:13
Chloromethane	< 2.00	ug/L		6/8/2016 14:13
cis-1,3-Dichloropropene	< 2.00	ug/L		6/8/2016 14:13
Dibromochloromethane	< 2.00	ug/L		6/8/2016 14:13
Ethylbenzene	< 2.00	ug/L		6/8/2016 14:13
Methylene chloride	< 5.00	ug/L		6/8/2016 14:13
Tetrachloroethene	**2.79**	ug/L		6/8/2016 14:13
Toluene	< 2.00	ug/L		6/8/2016 14:13
trans-1,2-Dichloroethene	< 2.00	ug/L		6/8/2016 14:13
trans-1,3-Dichloropropene	< 2.00	ug/L		6/8/2016 14:13
Trichloroethene	< 2.00	ug/L		6/8/2016 14:13

Lab Project ID: 162123

Client: **Stantec**

Project Reference: 8-28 Ward Street

Sample Identifier: 828-2016-IDW-W
Lab Sample ID: 162123-01 **Date Sampled:** 5/25/2016
Matrix: Groundwater **Date Received:** 5/25/2016

Trichlorofluoromethane	< 2.00	ug/L			6/8/2016 14:13
Vinyl chloride	< 2.00	ug/L			6/8/2016 14:13

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**102**	81.1 - 122		6/8/2016 14:13
4-Bromofluorobenzene	**87.6**	78.7 - 116		6/8/2016 14:13
Pentafluorobenzene	**96.8**	88.6 - 112		6/8/2016 14:13
Toluene-D8	**93.9**	88.9 - 110		6/8/2016 14:13

Method Reference(s): EPA 624
Data File: x33037.D
The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 162123

Client: **Stantec**

Project Reference: 8-28 Ward Street

Sample Identifier: 828-2016-IDW-S
Lab Sample ID: 162123-02 **Date Sampled:** 5/25/2016
Matrix: Soil **Date Received:** 5/25/2016

Flash Point

Analyte	Result	Units	Qualifier	Date Analyzed
Flash Point, Celsius	>70.0	C		6/8/2016

Method Reference(s): EPA 1010A

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.360	mg/Kg		6/7/2016 15:14
PCB-1221	< 0.360	mg/Kg		6/7/2016 15:14
PCB-1232	< 0.360	mg/Kg		6/7/2016 15:14
PCB-1242	< 0.360	mg/Kg		6/7/2016 15:14
PCB-1248	< 0.360	mg/Kg		6/7/2016 15:14
PCB-1254	< 0.360	mg/Kg		6/7/2016 15:14
PCB-1260	< 0.360	mg/Kg		6/7/2016 15:14
PCB-1262	< 0.360	mg/Kg		6/7/2016 15:14
PCB-1268	< 0.360	mg/Kg		6/7/2016 15:14

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Decachlorobiphenyl	**160**	0.53 - 137	*	6/7/2016 15:14
Tetrachloro-m-xylene	**124**	0 - 138		6/7/2016 15:14

Method Reference(s): EPA 8082A
EPA 3550C
Preparation Date: 6/7/2016

PARADIGM
ENVIRONMENTAL SERVICES, INC

Method Blank Report

Client: **Stantec**
Project Reference: 8-28 Ward Street
Lab Project ID: 162123
Matrix: Soil

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed	
PCB-1016	<0.390	mg/Kg		6/7/2016	12:28
PCB-1221	<0.390	mg/Kg		6/7/2016	12:28
PCB-1232	<0.390	mg/Kg		6/7/2016	12:28
PCB-1242	<0.390	mg/Kg		6/7/2016	12:28
PCB-1248	<0.390	mg/Kg		6/7/2016	12:28
PCB-1254	<0.390	mg/Kg		6/7/2016	12:28
PCB-1260	<0.390	mg/Kg		6/7/2016	12:28
PCB-1262	<0.390	mg/Kg		6/7/2016	12:28
PCB-1268	<0.390	mg/Kg		6/7/2016	12:28

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
Decachlorobiphenyl	**65.7**	0.53 - 137		6/7/2016	12:28
Tetrachloro-m-xylene	**45.1**	0 - 138		6/7/2016	12:28

Method Reference(s): EPA 8082A
EPA 3550C
Preparation Date: 6/7/2016
QC Batch ID: QC160607PCBS
QC Number: 1

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC

QC Report for Laboratory Control Sample

Client: **Stantec**
Project Reference: 8-28 Ward Street
Lab Project ID: 162123
Matrix: Soil

PCBs

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
PCB-1016/1260	1.56	mg/Kg	0.646	41.3	17.3 - 111		6/8/2016

Method Reference(s): EPA 8082A
EPA 3550C
Preparation Date: 6/7/2016
QC Number: 3
QC Batch ID: QC160607PCBS

Report Prepared *Thursday, June 09, 2016*

PARADIGM
ENVIRONMENTAL SERVICES, INC

Method Blank Report

Client: **Stantec**
Project Reference: 8-28 Ward Street
Lab Project ID: 162123
Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
1,1,1-Trichloroethane	<2.00	ug/L		6/8/2016	13:50
1,1,2,2-Tetrachloroethane	<2.00	ug/L		6/8/2016	13:50
1,1,2-Trichloroethane	<2.00	ug/L		6/8/2016	13:50
1,1-Dichloroethane	<2.00	ug/L		6/8/2016	13:50
1,1-Dichloroethene	<2.00	ug/L		6/8/2016	13:50
1,2-Dichlorobenzene	<2.00	ug/L		6/8/2016	13:50
1,2-Dichloroethane	<2.00	ug/L		6/8/2016	13:50
1,2-Dichloropropane	<2.00	ug/L		6/8/2016	13:50
1,3-Dichlorobenzene	<2.00	ug/L		6/8/2016	13:50
1,4-Dichlorobenzene	<2.00	ug/L		6/8/2016	13:50
2-Chloroethyl vinyl Ether	<10.0	ug/L		6/8/2016	13:50
Benzene	<1.00	ug/L		6/8/2016	13:50
Bromodichloromethane	<2.00	ug/L		6/8/2016	13:50
Bromoform	<5.00	ug/L		6/8/2016	13:50
Bromomethane	<2.00	ug/L		6/8/2016	13:50
Carbon Tetrachloride	<2.00	ug/L		6/8/2016	13:50
Chlorobenzene	<2.00	ug/L		6/8/2016	13:50
Chloroethane	<2.00	ug/L		6/8/2016	13:50
Chloroform	<2.00	ug/L		6/8/2016	13:50
Chloromethane	<2.00	ug/L		6/8/2016	13:50
cis-1,3-Dichloropropene	<2.00	ug/L		6/8/2016	13:50
Dibromochloromethane	<2.00	ug/L		6/8/2016	13:50
Ethylbenzene	<2.00	ug/L		6/8/2016	13:50
Methylene chloride	<5.00	ug/L		6/8/2016	13:50
Tetrachloroethene	<2.00	ug/L		6/8/2016	13:50
Toluene	<2.00	ug/L		6/8/2016	13:50
trans-1,2-Dichloroethene	<2.00	ug/L		6/8/2016	13:50
trans-1,3-Dichloropropene	<2.00	ug/L		6/8/2016	13:50

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

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC

Method Blank Report

Client: **Stantec**
Project Reference: 8-28 Ward Street
Lab Project ID: 162123
Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
Trichloroethene	<2.00	ug/L		6/8/2016	13:50
Trichlorofluoromethane	<2.00	ug/L		6/8/2016	13:50
Vinyl chloride	<2.00	ug/L		6/8/2016	13:50

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**101**	81.1 - 122		6/8/2016	13:50
4-Bromofluorobenzene	**88.3**	78.7 - 116		6/8/2016	13:50
Pentafluorobenzene	**98.2**	88.6 - 112		6/8/2016	13:50
Toluene-D8	**95.5**	88.9 - 110		6/8/2016	13:50

Method Reference(s): EPA 624
Data File: x33036.D
QC Batch ID: voaw060816
QC Number: 1

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC

QC Report for Laboratory Control Sample

Client: **Stantec**
Project Reference: 8-28 Ward Street
Lab Project ID: 162123
Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
1,1,1-Trichloroethane	20.0	ug/L	19.9	99.7	52 - 162		6/8/2016
1,1,2,2-Tetrachloroethane	20.0	ug/L	20.2	101	46 - 157		6/8/2016
1,1,2-Trichloroethane	20.0	ug/L	19.2	96.0	52 - 150		6/8/2016
1,1-Dichloroethane	20.0	ug/L	19.7	98.3	59 - 155		6/8/2016
1,1-Dichloroethene	20.0	ug/L	20.1	101	0 - 234		6/8/2016
1,2-Dichlorobenzene	20.0	ug/L	21.1	105	18 - 190		6/8/2016
1,2-Dichloroethane	20.0	ug/L	20.2	101	49 - 155		6/8/2016
1,2-Dichloropropane	20.0	ug/L	19.7	98.4	0 - 210		6/8/2016
1,3-Dichlorobenzene	20.0	ug/L	20.1	100	59 - 156		6/8/2016
1,4-Dichlorobenzene	20.0	ug/L	19.5	97.7	18 - 190		6/8/2016
Benzene	20.0	ug/L	20.9	105	37 - 151		6/8/2016
Bromodichloromethane	20.0	ug/L	20.0	100	35 - 155		6/8/2016
Bromoform	20.0	ug/L	17.0	85.0	45 - 169		6/8/2016
Bromomethane	20.0	ug/L	21.1	105	0 - 242		6/8/2016
Carbon Tetrachloride	20.0	ug/L	20.3	102	70 - 140		6/8/2016

Report Prepared *Thursday, June 09, 2016*

PARADIGM
ENVIRONMENTAL SERVICES, INC

QC Report for Laboratory Control Sample

Client: Stantec
Project Reference: 8-28 Ward Street
Lab Project ID: 162123
Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Chlorobenzene	20.0	ug/L	20.5	102	37 - 160		6/8/2016
Chloroethane	20.0	ug/L	22.0	110	14 - 230		6/8/2016
Chloroform	20.0	ug/L	21.3	106	51 - 138		6/8/2016
Chloromethane	20.0	ug/L	19.5	97.5	0 - 273		6/8/2016
cis-1,3-Dichloropropene	20.0	ug/L	17.2	86.0	0 - 227		6/8/2016
Dibromochloromethane	20.0	ug/L	19.4	96.9	53 - 149		6/8/2016
Ethylbenzene	20.0	ug/L	20.6	103	37 - 162		6/8/2016
Methylene chloride	20.0	ug/L	19.3	96.3	0 - 221		6/8/2016
Tetrachloroethene	20.0	ug/L	20.3	102	64 - 148		6/8/2016
Toluene	20.0	ug/L	18.7	93.4	47 - 150		6/8/2016
trans-1,2-Dichloroethene	20.0	ug/L	19.0	95.0	54 - 156		6/8/2016
trans-1,3-Dichloropropene	20.0	ug/L	18.1	90.5	17 - 183		6/8/2016
Trichloroethene	20.0	ug/L	20.3	102	71 - 157		6/8/2016
Trichlorofluoromethane	20.0	ug/L	20.3	102	17 - 181		6/8/2016
Vinyl chloride	20.0	ug/L	19.3	96.6	0 - 251		6/8/2016

Report Prepared Thursday, June 09, 2016

PARADIGM
ENVIRONMENTAL SERVICES, INC

QC Report for Laboratory Control Sample

Client: **Stantec**
Project Reference: 8-28 Ward Street
Lab Project ID: 162123
Matrix: Groundwater

Volatile Organics

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

Method Reference(s): EPA 624
Data File: x33035.D
QC Number: 1
QC Batch ID: voaw060816

Report Prepared *Thursday, June 09, 2016*

Analytical Report Appendix

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

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

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

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

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

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

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

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

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

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

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

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

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

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

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

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

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

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

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

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		
CLIENT: Stantec		CLIENT:		LAB PROJECT ID: 162123
ADDRESS: 61 Commercial St		ADDRESS:		Quotation #:
CITY: Rochester STATE: NY ZIP: 14614		CITY: STATE: ZIP:		
PHONE: 413 5266		PHONE:		Email: mike.staronsky@stantec.com
ATTN: Mike Staronsky		ATTN: Ben Haravitch		

PROJECT REFERENCE: 828 Ward Street

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 624	Flashpoint	total PCB	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/25/16	1415		X	828-2016-IDW-W	WG	2	X				01
2	5/25/16	1420		X	828-2016-IDW-S	SO	1		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 per Bit	☒	Basic EDD	☐
Rush 3 day	☐	Category A GP 5/26/16	☐	NYSDEC EDD	☒
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other please indicate: 10-day	☒	Other please indicate:	☐	Other EDD please indicate: Stantec	☒

Ben Haravitch — Sampled By	5/25/16-1420 — Date/Time	Total Cost:
Benjamin Hamilton — Relinquished By	5/25/16 1445 — Date/Time	
Received By	5/25/16 1445 — Date/Time	P.I.F.
Received @ Lab By	5/25/16 1503 — Date/Time	

12°C iced started in field 5/25/16 14:49

Chain of Custody Supplement

Client: Stantec

Completed by: Molly Vail

Lab Project ID: 162123

Date: 5/25/16

Sample Condition Requirements

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

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X VOA		X
Comments			
Preservation	X VOA		X
Comments			
Chlorine Absent (<0.10 ppm per test strip)	X		X
Comments	VOA: Cl⁻ neg.		
Holding Time	X		
Comments			
Temperature	X		
Comments	12°C iced started in field 5/25/16 1449		
Sufficient Sample Quantity	X		
Comments			

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