PERIODIC REVIEW REPORT

BROWNFIELD CLEANUP PROGRAM
WARD STREET SITE (SITE NO. C828117) and
8-28 WARD STREET (SITE NO. C828136)

December 15, 2020

Prepared on behalf of:

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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 (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, 2019 to November 15, 2020.

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 or 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 simultaneously remove VOCs from subsurface soils, soil vapor and groundwater. The layout of the former MPVE system is provided in Figure 2 (Well Locations).

Construction, installation, and commissioning of the MPVE system 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. With 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 system (SSDS) beneath the Building B Annex Area was reactivated (as it had been during previous sampling or MPVE maintenance-related shut-down periods).

In accordance with 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 groundwater polishing program was initiated in November/December 2011. This was followed by a supplemental injection program for Enhanced Reductive Dechlorination (ERD), which was proposed in correspondence dated October 2012, approved by NYSDEC on November 6, 2012, and conducted in November 2012. The results of that event were summarized in Stantec's December 21, 2012 *Enhanced Reductive Dechlorination Supplemental Injection Program Summary Repor*t.

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, and with NYSDEC approval, the following wells were decommissioned in October 2011 at the Ward Street Site: MW-3, -5, -9, -9R, -20, -21, -32, -213, -214, -215, -216, -217, -218, and -219. In addition, since no significant groundwater impacts were present on

the 8-28 Ward Street Site, and in preparation for site improvements, and with NYSDEC approval, the following wells were decommissioned in October 2011 at the 8-28 Ward Street Site: GQ1/MW-1, GQ2/MW-2, GQ4/MW-4, GQ8/MW-5, MW-19, -45, -46, -46R, and -47.

The results of the groundwater sampling event conducted in October 2013 indicated that significant dissolved-phase VOC reduction had occurred within the treatment area. Based on this observed reduction since the commencement of remedial measures, and the continued success of the ERD process, it was proposed in the 2015 PRR to: (1) discontinue the ERD groundwater treatment program; (2) reduce the number of wells that are monitored; (3) reduce the number of analytes that are monitored; and (4) reduce the frequency of monitoring. The PRR proposed that an annual groundwater sampling event be performed involving wells MW-16, -16R, -23, -23R, -105, -207R with analysis for VOCs by USEPA Method 8260 and total organic carbon (TOC) by USEPA Method 5310. This revised sampling and analysis approach was accepted in the NYSDEC February 4, 2016 letter to Germanow-Simon; a copy of the letter was included in Appendix B of the 2016 PRR.

The results of the annual groundwater sampling event completed in June 2015 showed that anaerobic and reducing geochemical conditions had been maintained at the wells sampled. Results at wells MW-16 and -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 was incomplete. The only contaminant of concern detected at MW-23R was cis-dichloroethylene (cis-DCE) and the concentration was below the groundwater standard for that compound. Decreased concentrations were observed for all contaminants of concern at MW-105. However, increases in contaminants of concern were observed at MW-16R, -23, and -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 indicated that anaerobic and reducing geochemical conditions had been maintained or improved since 2015 at all sampled wells. This indicated that the ERD injection performed in November 2012 continued to promote an environment suitable for the breakdown of chlorinated VOCs. Measured groundwater parameters are provided on Table 2. The VOC data (Table 1) indicated that ERD continued under, and downgradient from, the Building B Annex shipping/receiving area. Low and decreasing concentrations of parent VOC compounds, PCE and TCE, were observed in MW-105; and only ‘daughter’ products, cis- and trans-1,2-Dichloroethene (DCE) and vinyl chloride (VC), were observed downgradient at wells MW-16 and -16R. VOC concentrations at downgradient well MW-207R remained generally similar to those observed during the previous round of groundwater sampling in June 2015 with only “daughter” VOC compounds detected.

In 2016, favorable conditions at the 8-28 Ward Street Site were maintained within the bedrock zone as VOC concentrations were 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 compared to levels observed prior to the initial injection activities. The increases in the concentrations of parent compounds were indicative of additional residual source material that had 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 of the 2016 PRR).

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

was contributing to the groundwater results. The investigation was summarized in the 2016 PRR; based on the results, Stantec recommended performing an on-Site remedial excavation of source material. This remedial approach would be supplemented with the placement in the excavation of sodium lactate as an electron-donor to further facilitate the breakdown of residual contamination in groundwater within, and downgradient of the source area. The results of the soil boring program and the recommended remedial approach were proposed to the Department both in correspondence dated October 27, 2016 and the December 15, 2016 PRR. Included as a part of the remedial approach set forth in the 2016 PRR, the next groundwater monitoring event was proposed to be completed three months after completion of the excavation program.

As detailed in the December 2017 PRR, a relatively small, supplemental excavation of TCE-impacted source-area soils was performed in October 2017 on the southern boundary of the 8-28 Ward Street site, immediately north of Ward Street. An application of sodium lactate was placed in the excavation prior to backfill to facilitate *in situ* bioremediation via ERD of residual groundwater impacts. Due to the timing of the excavation program, and the commitment to conduct the next groundwater monitoring event three months after completion of the excavation program, no groundwater monitoring was performed in 2017. Instead, it was performed in January 2018 with a second annual round occurring in October 2018.

The January and October 2018 groundwater monitoring results indicated PCE concentrations decreased in MW-23, with the October results dropping to their lowest level since 2013, while MW-23R remained essentially non-detect. In the other wells, variation in VOC levels were noted; however the concentrations of the parent VOCs TCE and PCE remained generally low to non-detect, and the presence of daughter compounds cis-1,2-DCE and VC are indicative that ERD continues to occur.

The most recent groundwater monitoring was performed in October 2019. The monitoring results indicate that some of the VOCs present in each sampled well decreased between October 2018 and October 2019. Any increases in VOC concentrations observed were relatively small in magnitude and these concentrations remain well below any historic highs. No significant “spikes” were observed, and the high concentration of PCE in well MW-23 observed in 2016 has returned to normal low levels.

In June 2020, the City of Rochester began replacement of the water main on St. Paul Street. During these activities it was determined that the water service entering the Site on the west side of Building B, 388 St. Paul Street, required replacement.

Stantec e-mailed the NYSDEC Project Manager, Todd Caffoe, on June 4, 2020 as notification of the last-minute need for the repair. Pursuant to the Department-approved Site Management Plan (SMP) for the Ward Street Site, Stantec proposed to have an environmental monitor provide continuous monitoring of the excavation and the spoils for VOCs. However, given that the location where the work was planned had not been identified as an area with impacts during prior investigations, and the work would only involve a small excavation in a small area within the building where no employees would be located, CAMP monitoring was not proposed. Mr. Caffoe provided e-mail approval to proceed with the proposed actions on June 5, 2020 (see Appendix B). Following preparation of the Request for Building Permit-Environmental Easement Review and a Plumbing Permit application, the required Plumbing Permit was issued June 18, 2020 and received June 22, 2020 (See Appendix C). The water service replacement occurred on July 1- 2, and 6, 2020 and was performed by AP Plumbing. The process involved the following steps:

1. Jackhammered the concrete around pipe exit point inside the building and removed the existing interior pipe.
2. Excavated the 3'x3' hole down to the existing pipe that is connected to St. Paul Street water main. Excavated material was staged inside the building on top of polyethylene and screened with a photoionization detector.
3. Installed new piping.
4. Backfilled the excavation with the staged soil and stone material given no there was no evidence of impacts.
5. Poured the concrete floor slab. This final step occurred on July 6, 2020.

Stantec was on-site throughout the excavation and replacement process to (1) monitor for evidence of impacted materials including VOCs using a PID, (2) observe the repairs, and (3) photo-document the repair (see photos below). During the replacement, all PID readings were below 0.5 ppm and no evidence of stained or impacted soil material was observed.

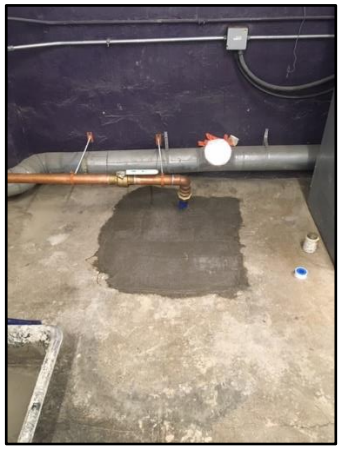
Old water service line (July 1, 2020)

Interior of old water line pipe (July 1, 2020)

Water line pipe outside the building encased in concrete (July 1, 2020)

Staged excavated material inside the building on polyethylene sheeting (July 1, 2020)

Excavated area inside building (July 2, 2020)



New water service pipe and new floor slab in excavated area (July 6, 2020)

1.2 SITE MANAGEMENT REQUIREMENTS

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

- 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. *(Note: this is no longer required; see below)*
    - An SSDS 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 of groundwater for any purpose 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 deeds 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.
- Annually (or as otherwise directed by the Department), Germanow-Simon must certify to the Department 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 in 2014 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, with NYSDEC approval, the MPVE system was shut down on February 22, 2011 and it has not been operated since. The system was subsequently decommissioned. Therefore, OM&M activities related to the MPVE system have not been required since it was shut down. The SSDS was commissioned on February 22, 2011 and has operated continuously since. The facility manager has confirmed its continued proper operation.

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. On November 25, 2020, Stantec inspected the Site and made the following observations:

- The SSDS system was operating as intended. No power outages occurred during this reporting period that may have affected the SSDS system.
- The Site cover materials (building floor slabs, asphalt pavement, concrete sidewalks and landscaped perimeter areas) are in excellent condition and are well-maintained. No areas of disturbed or degraded site cover were observed.

1.5 RECOMMENDATIONS

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, with one exception:

- Since VOCs in MW-23R have been below groundwater standards during each sampling event since 2015, we recommend discontinuing the sampling of this well.

This is discussed further in Section 4.0 below.

2.0 REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

It was recommended in the 2019 PRR to decrease groundwater sampling frequency to every two years. After review, NYSDEC approved the bi-annual sampling on February 27, 2020. No groundwater monitoring occurred during the 2020 reporting period: however, groundwater sampling will be performed in 2021.

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

During the reporting period, compliance with the required ICs and ECs was 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. There has been no change in Site use or operations.
- In accordance with NYSDEC approval, the MPVE system was operated until February 22, 2011, at which time it was shut down indefinitely. The MVPE system was decommissioned, cleaned out, and disconnected from the sewer during the 2014 reporting period.

- The sub-slab depressurization system (SSDS) constructed in conjunction with the MPVE system has continuously operated since February 2011 in the Building B Annex Area to mitigate the potential for soil vapor intrusion (SVI).
- No groundwater use has occurred at the Sites.
- The environmental easement granted to the Department has been maintained on the property deeds and any subsequent instrument of land conveyance, lease, license, or other instruments granting rights of use of the Sites.

Signed and stamped forms certifying the continued presence and effectiveness of the ICs and ECs 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, because the MPVE system was shut down permanently in 2011, activities or certification related to this specific EC have not been required since then.

Sampling results from February 22, 2013 indicated that the SSDS system, which has been operating continuously since the MPVE system was shut down, continued 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 in 2015. The system has been checked annually since 2015 to confirm proper operation.

4.0 OVERALL CONCLUSIONS AND RECOMMENDATIONS

Given the absence of VOCs at concentrations above groundwater standards in well MW-23R dating back to 2015, we recommend discontinuing the sampling of this well. If approved by NYSDEC, the next sampling event would be performed in the third quarter of 2021. Submittal of the next PRR is proposed to mirror the existing annual schedule (December 2021).

TABLES

Table 1
Summary of Volatile Organic Compounds in Groundwater – September 2011 to October 2019
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW16														
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	10-Jan-18	24-Oct-18	8-Oct-19
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-16-GW	MW-16	WSR-MW-16-GW
Sampling Company			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
Laboratory Work Order			P11-4090	12:0472	12:0936	12:2364	12:3668	13:0353	131259	132490	133891	133926	152493	160970	180096	184937	194958
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	180096-02	184937-04	194958-02
Sample Type	Units	TOGS															
Volatile Organic Compounds																	
Acetone	µg/L	50[B]	***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	25.0 U	50.0 U	25.0 U
Benzene	µg/L	1[A]	***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	***2.50 U***	***5.00 U***	***2.50 U***
Bromobenzene	µg/L	5--[A]	-	-	-	-	-	5.0 U	5.00 U	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[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	5.00 U	10.0 U	5.00 U
Bromoform (Tribromomethane)	µg/L	50[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	12.5 U	25.0 U	12.5 U
Bromomethane (Methyl bromide)	µg/L	5--[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	5.00 U	***10.0 U***	5.00 U
Butylbenzene, n-	µg/L	5--[A]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5--[A]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5--[A]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[B]	***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	5.00 U	10.0 U	5.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[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	5.00 U	***10.0 U***	5.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5--[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	5.00 U	***10.0 U***	5.00 U
Chlorobromomethane	µg/L	5--[A]	***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	***12.5 U***	***25.0 U***	***12.5 U***
Chloroethane (Ethyl Chloride)	µg/L	5--[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	5.00 U	***10.0 U***	5.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	500 U	10 U	10.0 U	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[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	5.00 U	***10.0 U***	5.00 U
Chloromethane	µg/L	5--[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	5.00 U	***10.0 U***	5.00 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	25.0 U	50.0 U	25.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[A]	***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***	***25.0 U***	***50.0 U***	***25.0 U***
Dibromochloromethane	µg/L	50[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	5.00 U	10.0 U	5.00 U
Dichlorobenzene, 1,2-	µg/L	3[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	***5.00 U***	***10.0 U***	***5.00 U***
Dichlorobenzene, 1,3-	µg/L	3[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	***5.00 U***	***10.0 U***	***5.00 U***
Dichlorobenzene, 1,4-	µg/L	3[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	***5.00 U***	***10.0 U***	***5.00 U***
Dichlorodifluoromethane (Freon 12)	µg/L	5--[A]	***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	5.00 U	***10.0 U***	5.00 U
Dichloroethane, 1,1-	µg/L	5--[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	5.00 U	***10.0 U***	5.00 U
Dichloroethane, 1,2-	µg/L	0.6[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***	***5.00 U***	***10.0 U***	***5.00 U***
Dichloroethene, 1,1-	µg/L	5--[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	5.00 U	***10.0 U***	5.00 U
Dichloroethene, cis-1,2-	µg/L	5--[A]	**1,790[A]**	**8,600[A]**	**2,770[A]**	**2,720[A]**	**772[A]**	**8.3[A]**	**23.6[A]**	**9.39[A]**	-	2.89	**165[A]**	**118[A]**	**256[A]**	**391[A]**	**295[A]**
Dichloroethene, trans-1,2-	µg/L	5--[A]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	2.0 U	**24.3[A]**	4.89	-	**13.3[A]**	**8.33[A]**	2.43	4.40 J	***10.0 U***	3.69 J
Dichloropropane, 1,2-	µg/L	1[A]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***5.00 U***	***10.0 U***	***5.00 U***
Dichloropropane, 1,3-	µg/L	5--[A]	-	-	-	-	-	2.0 U	2.00 U	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5--[A]	-	-	-	-	-	2.0 U	2.00 U	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4$_{sg}$[A]	***100 U***	***100 U***	***100 U***	***100 U***	***100 U***	-	-	***2.00 U***	-	***2.00 U***	***2.00 U***	***2.00 U***	***5.00 U***	***10.0 U***	***5.00 U***
Dichloropropene, trans-1,3-	µg/L	0.4$_{sg}$[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***	***5.00 U***	***10.0 U***	***5.00 U***
Dioxane, 1,4-	µg/L	n/v	-	-	-	-	-	20 U	20.0 U	20.0 U	-	R	20.0 U	20.0 U	50.0 U	100 U	50.0 U
Ethylbenzene	µg/L	5--[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	5.00 U	***10.0 U***	5.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[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***	***5.00 U***	***10.0 U***	***5.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[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	12.5 U	25.0 U	12.5 U
Isopropylbenzene	µg/L	5--[A]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	5.00 U	***10.0 U***	5.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5--[A]	***100 U***	***100 U***	***100 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	5.00 U	10.0 U	5.00 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[B]	***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	25.0 U	50.0 U	25.0 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	12.5 U	25.0 U	12.5 U
Methyl tert-butyl ether (MTBE)	µg/L	10[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	5.00 U	10.0 U	5.00 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	5.00 U	10.0 U	5.00 U
Methylene Chloride (Dichloromethane)	µg/L	5--[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	***12.5 U***	***25.0 U***	***12.5 U***
Naphthalene	µg/L	10[A]	***250 U***	***250 U***	***250 U***	***250 U***	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5--[A]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5--[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	***12.5 U***	***25.0 U***	***12.5 U***
Tetrachloroethane, 1,1,2,2-	µg/L	5--[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	5.00 U	***10.0 U***	5.00 U
Tetrachloroethene (PCE)	µg/L	5--[A]	**2,390[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	5.00 U	***10.0 U***	5.00 U
Toluene	µg/L	5--[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	5.00 U	***10.0 U***	5.00 U
Trichlorobenzene, 1,2,3-	µg/L	5--[A]	***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	***12.5 U***	***25.0 U***	***12.5 U***
Trichlorobenzene, 1,2,4-	µg/L	5--[A]	***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	***12.5 U***	***25.0 U***	***12.5 U***
Trichloroethane, 1,1,1-	µg/L	5--[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	5.00 U	***10.0 U***	5.00 U
Trichloroethane, 1,1,2-	µg/L	1[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***	***5.00 U***	***10.0 U***	***5.00 U***
Trichloroethene (TCE)	µg/L	5--[A]	**1,140[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	5.00 U	***10.0 U***	5.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5--[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	5.00 U	***10.0 U***	5.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5--[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	5.00 U	***10.0 U***	5.00 U
Trimethylbenzene, 1,2,4-	µg/L	5--[A]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5--[A]	***250 U***	***100 U***	***100 U***	***100 U***	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	250 U	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2[A]	***100 U***	***100 U***	**183[A]**	**945[A]**	**879[A]**	**13[A]**	**81.8[A]**	**6.65[A]**	-	**3.52[A]**	**140[A]**	**135[A]**	**365[A]**	**914[A]**	**430[A]**
Xylene, m & p-	µg/L	5--[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	5.00 U	***10.0 U***	5.00 U
Xylene, o-	µg/L	5--[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	5.00 U	***10.0 U***	5.00 U
Total VOC	µg/L	n/v	5,320	8,600	2,953	3,665	1,651	54.3	129.7	20.93	-	43.29	313.33	255.43	625.4	1,305	728.69
Miscellaneous Parameters																	
Arsenic	mg/L	0.025[A]	0.010 U	**0.048[A]**	0.013	0.024	-	-	**0.0432[A]**	-	-	-	-	-	-	-	-
Iron	mg/L	0.3[A]	**3.42[A]**	**20.8[A]**	**2.35[A]**	**19.3[A]**	-	-	**16.9 L[A]**	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3[A]	0.294	0.117	0.155	0.109	-	-	0.218 L	-	-	-	-	-	-	-	-
Sodium	mg/L	20[A]	**1,270[A]**	**1,250[A]**	**407[A]**	**1,280[A]**	**2,290[A]**	**2,000[A]**	**1,160[A]**	-	-	-	-	-	-	-	-
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	12.6	2.5	5.5

See notes on last page.

Table 1
Summary of Volatile Organic Compounds in Groundwater – September 2011 to October 2019
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW16R																
Sample Date			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	10-Jan-18	24-Oct-18	8-Oct-19
Sample ID			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	828-MW-16R-GW	WSR-MW-16R-GW	WSR-MW-16R-GW	MW-16R	WSR-MW-16R-GW
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			P11-4106	P12-0069	12:0472	12:0906	12:0906	12:2364	12:3668	13:0353	131259	132490	133891	133926	152493	160970	180096	184937	194958
Laboratory Sample ID			14149	12:0069-02	12:0472-07	12:0906-05	12:0906-06 Field Duplicate	12:2364-05	12:3668-04	130353-04	131259-04	132490-05	133891-04	133926-04	152493-05	160970-04	180096-03	184937-03	194958-03
Sample Type	Units	TOGS																	
Volatile Organic Compounds																			
Acetone	µg/L	50[B]	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***	***250 U***	***250 U***	***250 U***
Benzene	µg/L	1[A]	***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***	***25.0 U***	***25.0 U***	***25.0 U***
Bromobenzene	µg/L	5--[A]	-	-	-	-	-	-	-	***130 U***	***50.0 U***	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[B]	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	50.0 U	50.0 U	50.0 U
Bromoform (Tribromomethane)	µg/L	50[B]	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***	***125 U***	***125 U***	***125 U***
Bromomethane (Methyl bromide)	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Butylbenzene, n-	µg/L	5--[A]	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5--[A]	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5--[A]	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[B]	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	50.0 U	50.0 U	50.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Chlorobenzene (Monochlorobenzene)	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Chlorobromomethane	µg/L	5--[A]	***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***	***125 U***	***125 U***	***125 U***
Chloroethane (Ethyl Chloride)	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	500 U	250 U	100 U	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Chloromethane	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Cyclohexane	µg/L	n/v	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	250 U	250 U	250 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[A]	***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***	***250 U***	***250 U***	***250 U***
Dibromochloromethane	µg/L	50[B]	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	50.0 U	50.0 U	50.0 U
Dichlorobenzene, 1,2-	µg/L	3[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichlorobenzene, 1,3-	µg/L	3[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichlorobenzene, 1,4-	µg/L	3[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichlorodifluoromethane (Freon 12)	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichloroethane, 1,1-	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichloroethane, 1,2-	µg/L	0.6[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichloroethene, 1,1-	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichloroethene, cis-1,2-	µg/L	5--[A]	**1,150[A]**	**110[A]**	**3,810[A]**	**2,260[A]**	**2,360[A]**	**2,630[A]**	**1,410[A]**	**1,000[A]**	**841[A]**	**664[A]**	-	**77.7[A]**	**1,520[A]**	**1,610[A]**	**3,330[A]**	**1,080[A]**	**1,420[A]**
Dichloroethene, trans-1,2-	µg/L	5--[A]	**10.6[A]**	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[A]**	***50.0 U***	***50.0 U***	***50.0 U***	***50.0 U***
Dichloropropane, 1,2-	µg/L	1[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichloropropane, 1,3-	µg/L	5--[A]	-	-	-	-	-	-	-	***50 U***	***20.0 U***	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5--[A]	-	-	-	-	-	-	-	***50 U***	***20.0 U***	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4$_5$[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichloropropene, trans-1,3-	µg/L	0.4$_5$[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Dioxane, 1,4-	µg/L	n/v	-	-	-	-	-	-	-	500 U	200 U	200 U	-	R	200 U	500 U	500 U	500 U	500 U
Ethylbenzene	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	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***	***125 U***	***125 U***	***125 U***
Isopropylbenzene	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Isopropyltoluene, p- (Cymene)	µg/L	5--[A]	***10.0 U***	5.00 U	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-	-	-	-
Methyl Acetate	µg/L	n/v	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	50.0 U	50.0 U	50.0 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[B]	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***	***250 U***	***250 U***	***250 U***
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	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	125 U	125 U	125 U
Methyl tert-butyl ether (MTBE)	µg/L	10[B]	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***	***50.0 U***	***50.0 U***	***50.0 U***
Methylcyclohexane	µg/L	n/v	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	50.0 U	50.0 U	50.0 U
Methylene Chloride (Dichloromethane)	µg/L	5--[A]	***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***	***125 U***	***125 U***	***125 U***
Naphthalene	µg/L	10[A]	***25.0 U***	***12.5 U***	***250 U***	***50.0 U***	***50.0 U***	***250 U***	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5--[A]	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5--[A]	***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***	***125 U***	***125 U***	***125 U***
Tetrachloroethane, 1,1,2,2-	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Tetrachloroethene (PCE)	µg/L	5--[A]	**832[A]**	**299[A]**	***100 U***	**65.4[A]**	**64.4[A]**	***100 U***	***100 U***	***50 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	**694[A]**	***50.0 U***	**99.7[A]**	***50.0 U***	**45.1 J[A]**
Toluene	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Trichlorobenzene, 1,2,3-	µg/L	5--[A]	***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***	***125 U***	***125 U***	***125 U***
Trichlorobenzene, 1,2,4-	µg/L	5--[A]	***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***	***125 U***	***125 U***	***125 U***
Trichloroethane, 1,1,1-	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Trichloroethane, 1,1,2-	µg/L	1[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Trichloroethene (TCE)	µg/L	5--[A]	**651[A]**	**57.1[A]**	***100 U***	***20.0 U***	***20.0 U***	***100 U***	***100 U***	***50 U***	**167[A]**	***20.0 U***	-	***20.0 U***	**350[A]**	***50.0 U***	**204[A]**	***50.0 U***	**53.1[A]**
Trichlorofluoromethane (Freon 11)	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Trichlorotrifluoroethane (Freon 113)	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Trimethylbenzene, 1,2,4-	µg/L	5--[A]	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5--[A]	***25.0 U***	***12.5 U***	***100 U***	***20.0 U***	***20.0 U***	***100 U***	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	250 U	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2[A]	**23.3[A]**	***5.00 U***	**717[A]**	**997[A]**	**1,030[A]**	**1,060[A]**	**790[A]**	**1,100[A]**	**558[A]**	**1,040[A]**	-	**33.1[A]**	**537[A]**	**961[A]**	**1,130[A]**	**973[A]**	**634[A]**
Xylene, m & p-	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Xylene, o-	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Total VOC	µg/L	n/v	2,666.9	466.1	4,527	3,322.4	3,454.4	3,690	2,200	2,100	1,566	1,704	-	110.8	3,137	2,571	4,763.7	2,053	2,152.2
Miscellaneous Parameters																			
Arsenic	mg/L	0.025[A]	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[A]	**1.81[A]**	0.100 U	**0.381[A]**	**1.00[A]**	**1.05[A]**	**2.68[A]**	-	-	0.144 L	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3[A]	0.068	0.015 U	0.072	0.287	0.242	0.109	-	-	0.146 L	-	-	-	-	-	-	-	-
Sodium	mg/L	20[A]	**461[A]**	**675[A]**	**1,070[A]**	**590[A]**	**598[A]**	**659[A]**	**758[A]**	**820[A]**	**340[A]**	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	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	5.49	3.5	1.0

See notes on last page.

Table 1
Summary of Volatile Organic Compounds in Groundwater – September 2011 to October 2019
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW23																	
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	10-Jan-18	24-Oct-18	8-Oct-19
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	828-MW-23-GW	MW-23	828-MW-23-GW
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			P11-4106	P12-0069	12:0488	12:0936	12:2364	12:2364-03	12:3694	13:0365	131242	132505	133909	133925	133925	152493	160970	180096	184937	194958
Laboratory Sample ID			14150	12:0069-06	12:0488-02	12:0936-05	12:2364-02	Field Duplicate	12:3694-05	130365-05	131242-02	132505-03	133909-01	133925-02	Field Duplicate	152493-02	160970-01	180096-05	184937-01	194958-05
Sample Type	Units	TOGS																		
Volatile Organic Compounds																				
Acetone	µg/L	50[B]	***100 U***	***500 U***	***500 U***	***500 U***	***1,000 U***	***1,000 U***	***1,000 U***	***1,000 U***	***100 U***	***100 U***	-	***100 U***	***100 U***	***100 U***	***250 U***	***250 U***	***250 U***	***250 U***
Benzene	µg/L	1[A]	***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***	***25.0 U***	***25.0 U***	***25.0 U***
Bromobenzene	µg/L	5--[A]	-	-	-	-	-	-	-	***500 U***	***50.0 U***	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[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	50.0 U	50.0 U	50.0 U
Bromoform (Tribromomethane)	µg/L	50[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***	***125 U***	***125 U***	***125 U***
Bromomethane (Methyl bromide)	µg/L	5--[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***	***50.0 U***	***50.0 U***	***50.0 U***
Butylbenzene, n-	µg/L	5--[A]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5--[A]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5--[A]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[B]	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	50.0 U	50.0 U	50.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[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***	***50.0 U***	***50.0 U***	***50.0 U***
Chlorobenzene (Monochlorobenzene)	µg/L	5--[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***	***50.0 U***	***50.0 U***	***50.0 U***
Chlorobromomethane	µg/L	5--[A]	***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***	***125 U***	***125 U***	***125 U***
Chloroethane (Ethyl Chloride)	µg/L	5--[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***	***50.0 U***	***50.0 U***	***50.0 U***
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	1,000 U	1,000 U	100 U	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[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***	***50.0 U***	***50.0 U***	***50.0 U***
Chloromethane	µg/L	5--[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***	***50.0 U***	***50.0 U***	***50.0 U***
Cyclohexane	µg/L	n/v	100 U	500 U	500 U	500 U	1,000 U	1,000 U	-	1,000 U	100 U	100 U	-	100 U	100 U	100 U	250 U	250 U	250 U	250 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[A]	***100 U***	***500 U***	***500 U***	***500 U***	***1,000 U***	***1,000 U***	-	***1,000 U***	***100 U***	***100 U***	-	***100 U***	***100 U***	***100 U***	***250 U***	***250 U***	***250 U***	***250 U***
Dibromochloromethane	µg/L	50[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	50.0 U	50.0 U	50.0 U
Dichlorobenzene, 1,2-	µg/L	3[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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichlorobenzene, 1,3-	µg/L	3[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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichlorobenzene, 1,4-	µg/L	3[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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichlorodifluoromethane (Freon 12)	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichloroethane, 1,1-	µg/L	5--[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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichloroethane, 1,2-	µg/L	0.6[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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichloroethene, 1,1-	µg/L	5--[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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichloroethene, cis-1,2-	µg/L	5--[A]	***20.0 U***	***100 U***	**4,130[A]**	**10,900[A]**	**5,120[A]**	**5,240[A]**	**3,940[A]**	**8,900[A]**	**242[A]**	**862[A]**	-	**86.8 J[A]**	**142 J[A]**	**1,040[A]**	**1,110[A]**	**2,540[A]**	**1,020[A]**	**1,170[A]**
Dichloroethene, trans-1,2-	µg/L	5--[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***	***50.0 U***	***50.0 U***	***50.0 U***
Dichloropropane, 1,2-	µg/L	1[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***	***50.0 U***	***50.0 U***	***50.0 U***	***50.0 U***
Dichloropropane, 1,3-	µg/L	5--[A]	-	-	-	-	-	-	-	***200 U***	***20.0 U***	-	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5--[A]	-	-	-	-	-	-	-	***200 U***	***20.0 U***	-	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4$_0$[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***	***50.0 U***	***50.0 U***	***50.0 U***	***50.0 U***
Dichloropropene, trans-1,3-	µg/L	0.4$_0$[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***	***50.0 U***	***50.0 U***	***50.0 U***
Dioxane, 1,4-	µg/L	n/v	-	-	-	-	-	-	-	2,000 U	200 U	200 U	-	R	R	200 U	500 U	500 U	500 U	500 U
Ethylbenzene	µg/L	5--[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***	***50.0 U***	***50.0 U***	***50.0 U***
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[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***	***50.0 U***	***50.0 U***	***50.0 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[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***	***125 U***	***125 U***	***125 U***
Isopropylbenzene	µg/L	5--[A]	***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***	***50.0 U***	***50.0 U***	***50.0 U***
Isopropyltoluene, p- (Cymene)	µg/L	5--[A]	***20.0 U***	***100 U***	***100 U***	***100 U***	***200 U***	***200 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	50.0 U	50.0 U	50.0 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[B]	***100 U***	***500 U***	***500 U***	***500 U***	***1,000 U***	***1,000 U***	***1,000 U***	***1,000 U***	***100 U***	***100 U***	-	***100 UJ***	***100 UJ***	***100 U***	***250 U***	***250 U***	***250 U***	***250 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	125 U	125 U	125 U
Methyl tert-butyl ether (MTBE)	µg/L	10[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***	***50.0 U***	***50.0 U***	***50.0 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	50.0 U	50.0 U	50.0 U
Methylene Chloride (Dichloromethane)	µg/L	5--[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***	***125 U***	***125 U***	***125 U***
Naphthalene	µg/L	10[A]	***50.0 U***	***250 U***	***250 U***	***250 U***	***500 U***	***500 U***	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5--[A]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5--[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***	***125 U***	***125 U***	***125 U***
Tetrachloroethane, 1,1,2,2-	µg/L	5--[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***	***50.0 U***	***50.0 U***	***50.0 U***
Tetrachloroethene (PCE)	µg/L	5--[A]	**2,240[A]**	**4,010[A]**	**2,500[A]**	**107[A]**	**1,150[A]**	**1,130[A]**	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	**663[A]**	**4,810[A]**	**3,200[A]**	**404[A]**	**83.3[A]**
Toluene	µg/L	5--[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***	***50.0 U***	***50.0 U***	***50.0 U***
Trichlorobenzene, 1,2,3-	µg/L	5--[A]	***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***	***125 U***	***125 U***	***125 U***
Trichlorobenzene, 1,2,4-	µg/L	5--[A]	***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***	***125 U***	***125 U***	***125 U***
Trichloroethane, 1,1,1-	µg/L	5--[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***	***50.0 U***	***50.0 U***	***50.0 U***
Trichloroethane, 1,1,2-	µg/L	1[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***	***50.0 U***	***50.0 U***	***50.0 U***
Trichloroethene (TCE)	µg/L	5--[A]	**36.4[A]**	***100 U***	**407[A]**	***100 U***	**562[A]**	**549[A]**	***200 U***	***200 U***	***20.0 U***	***20.0 U***	-	***20.0 U***	***20.0 U***	**251[A]**	**1,060[A]**	**423[A]**	**76.6[A]**	**28.1 J[A]**
Trichlorofluoromethane (Freon 11)	µg/L	5--[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***	***50.0 U***	***50.0 U***	***50.0 U***
Trichlorotrifluoroethane (Freon 113)	µg/L	5--[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***	***50.0 U***	***50.0 U***	***50.0 U***
Trimethylbenzene, 1,2,4-	µg/L	5--[A]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5--[A]	***50.0 U***	***250 U***	***100 U***	***100 U***	***200 U***	***200 U***	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	500 U	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2[A]	***20.0 U***	***100 U***	***100 U***	***100 U***	**1,090[A]**	**1,130[A]**	**1,110[A]**	**970[A]**	**154[A]**	**636[A]**	-	**241 J[A]**	**399 J[A]**	**73.3[A]**	***50.0 U***	**140[A]**	**105[A]**	**97.5[A]**
Xylene, m & p-	µg/L	5--[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***	***50.0 U***	***50.0 U***	***50.0 U***
Xylene, o-	µg/L	5--[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***	***50.0 U***	***50.0 U***	***50.0 U***
Total VOC	µg/L	n/v	2,276.4	4,010	7,037	11,007	7,922	8,049	5,050	9,870	396	1,498	-	327.8	541	2,027.3	6,980	6,303	1,605.6	1,378.9
Miscellaneous Parameters																				
Arsenic	mg/L	0.025[A]	0.010 U	0.010 U	0.018	0.014	0.021	0.021	-	-	0.0217	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.3[A]	0.100 U	**111[A]**	**23.3[A]**	**12.5[A]**	**15.7[A]**	**15.5[A]**	-	-	**13.2 L[A]**	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3[A]	0.226	**4.07[A]**	0.161	**0.523[A]**	0.165	0.189	-	-	**0.445 L[A]**	-	-	-	-	-	-	-	-	-
Sodium	mg/L	20[A]	**1,450[A]**	**1,660[A]**	**1,090[A]**	**1,090[A]**	**1,130[A]**	**1,150[A]**	**1,120[A]**	**1,300[A]**	**1,000[A]**	-	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	3.7	1,880	118	68.4	6.0	6.0	64.3	560	165	23.0	8.50	-	-	3.5	9.17 J	6.67	2.8	3.6

See notes on last page.

Table 1
Summary of Volatile Organic Compounds in Groundwater – September 2011 to October 2019
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

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	10-Oct-13	17-Jun-15	9-Mar-16	10-Jan-18	24-Oct-18	8-Oct-19
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	828-MW-23R-GW	828-MW-23R-GW	MW-23R	828-MW-23R-GW
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			P11-4106	P12-0069	12:0488	12:0936	12:2364	12:3694	13:0365	131242	132505	133909	133925	152493	160970	180096	184937	194958
Laboratory Sample ID			14151	12:0069-05	12:0488-03	12:0936-06	12:2364-04	12:3694-06	130365-04	131242-03	132505-02	133909-02	133925-04	152493-01	160970-02	180096-06	184937-02	194958-06
Sample Type	Units	TOGS																
Volatile Organic Compounds																		
Acetone	µg/L	50[B]	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	30.6	10 U	10.0 U	11.1	-	18.3 J	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Benzene	µg/L	1[A]	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U	0.70 U	0.700 U	0.700 U	-	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromobenzene	µg/L	5--[A]	-	-	-	-	-	-	5.0 U	5.00 U	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Bromoform (Tribromomethane)	µg/L	50[B]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 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
Bromomethane (Methyl bromide)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Butylbenzene, n-	µg/L	5--[A]	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5--[A]	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5--[A]	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[B]	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Chlorobenzene (Monochlorobenzene)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Chlorobromomethane	µg/L	5--[A]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5.0 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
Chloroethane (Ethyl Chloride)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	10.0 U	10 U	10.0 U	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Chloromethane	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Cyclohexane	µg/L	n/v	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10 U	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[A]	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	-	***10 U***	***10.0 U***	***10.0 U***	-	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***
Dibromochloromethane	µg/L	50[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Dichlorobenzene, 1,2-	µg/L	3[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Dichlorobenzene, 1,3-	µg/L	3[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Dichlorobenzene, 1,4-	µg/L	3[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Dichlorodifluoromethane (Freon 12)	µg/L	5--[A]	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-	2.0 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
Dichloroethane, 1,1-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Dichloroethane, 1,2-	µg/L	0.6[A]	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.0 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***
Dichloroethene, 1,1-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Dichloroethene, cis-1,2-	µg/L	5--[A]	**63.8[A]**	**82.4[A]**	**17.4[A]**	**13.1[A]**	**32.6[A]**	**5.30[A]**	**5.8[A]**	**5.83[A]**	4.81	-	**9.16[A]**	1.46 J	1.86 J	1.94 J	2.00 U	1.11 J
Dichloroethene, trans-1,2-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Dichloropropane, 1,2-	µg/L	1[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***	***2.00 U***	***2.00 U***	***2.00 U***
Dichloropropane, 1,3-	µg/L	5--[A]	-	-	-	-	-	-	2.0 U	2.00 U	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5--[A]	-	-	-	-	-	-	2.0 U	2.00 U	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4$_b$[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***	***2.00 U***	***2.00 U***	***2.00 U***
Dichloropropene, trans-1,3-	µg/L	0.4$_b$[A]	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.0 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***
Dioxane, 1,4-	µg/L	n/v	-	-	-	-	-	-	20 U	20.0 U	20.0 U	-	R	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U
Ethylbenzene	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[A]	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	-	***2.0 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***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 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
Isopropylbenzene	µg/L	5--[A]	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
Isopropyltoluene, p- (Cymene)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Methyl Acetate	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.0 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
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[B]	10.0 U	10.0 U	11.9	10.0 U	10.0 U	10.0 U	**130[B]**	**80.7[B]**	**76.9[B]**	-	**107 J[B]**	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 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
Methyl tert-butyl ether (MTBE)	µg/L	10[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.0 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
Methylcyclohexane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.0 U	2.00 U	2.00 U	-	2.00 U	1.59 J	1.37 J	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5--[A]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 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
Naphthalene	µg/L	10[A]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5--[A]	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5--[A]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 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
Tetrachloroethane, 1,1,2,2-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Tetrachloroethene (PCE)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Toluene	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Trichlorobenzene, 1,2,3-	µg/L	5--[A]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5.0 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
Trichlorobenzene, 1,2,4-	µg/L	5--[A]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5.0 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
Trichloroethane, 1,1,1-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Trichloroethane, 1,1,2-	µg/L	1[A]	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.0 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***
Trichloroethene (TCE)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Trichlorofluoromethane (Freon 11)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Trichlorotrifluoroethane (Freon 113)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.0 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
Trimethylbenzene, 1,2,4-	µg/L	5--[A]	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5--[A]	5.00 U	5.00 U	2.00 U	2.00 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	5.00 U	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2[A]	**2.21[A]**	2.00 U	2.00 U	2.00 U	**5.95[A]**	**3.46[A]**	2.0 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
Xylene, m & p-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Xylene, o-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 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
Total VOC	µg/L	n/v	66.01	82.4	29.3	13.1	38.55	39.36	135.8	86.53	92.81	-	134.46	3.05	3.23	1.94	ND	1.11
Miscellaneous Parameters																		
Arsenic	mg/L	0.025[A]	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	-	-	0.0100 U	-	-	-	-	-	-	-	-
Iron	mg/L	0.3[A]	**0.819[A]**	**3.04[A]**	**7.52[A]**	**3.08[A]**	**4.21[A]**	-	-	**3.08 L[A]**	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3[A]	0.040	0.129	0.053	0.081 M	0.034	-	-	0.0702 L	-	-	-	-	-	-	-	-
Sodium	mg/L	20[A]	**417[A]**	**392[A]**	**751[A]**	**766[A]**	**458[A]**	**568[A]**	**1,200[A]**	**529[A]**	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	3.6	38.4	33.0	31.1	4.0	58.6	670	368	86.0	175	-	6.8	12.0	6.17	2.9	0.97

See notes on last page.

Table 1
Summary of Volatile Organic Compounds in Groundwater – September 2011 to October 2019
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW105															
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	8-Oct-13	18-Jun-15	10-Mar-16	10-Jan-18	24-Oct-18	8-Oct-19
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-105-GW	WSR-MW-105-GW	MW-105	WSR-MW-105-GW
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			P11-4106	P12-0041	12:0443	12:0868	12:2335	12:3644	13:0329	131259	132471	133887	133927	152493	160970	180096	184937	194958
Laboratory Sample ID			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	180096-01	184937-06	194958-01
Sample Type	Units	TOGS																
Volatile Organic Compounds																		
Acetone	µg/L	50[B]	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	10.0 U	10.0 U	20.0 U
Benzene	µg/L	1[A]	***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	1.00 U	1.00 U	***2.00 U***
Bromobenzene	µg/L	5--[A]	-	-	-	-	-	-	***25 U***	5.00 U	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[B]	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	2.00 U	2.00 U	4.00 U
Bromoform (Tribromomethane)	µg/L	50[B]	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	5.00 U	5.00 U	10.0 U
Bromomethane (Methyl bromide)	µg/L	5--[A]	***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	2.00 U	2.00 U	4.00 U
Butylbenzene, n-	µg/L	5--[A]	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5--[A]	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5--[A]	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[B]	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	2.00 U	2.00 U	4.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[A]	***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	2.00 U	2.00 U	4.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5--[A]	***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	2.00 U	2.00 U	4.00 U
Chlorobromomethane	µg/L	5--[A]	***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	5.00 U	5.00 U	***10.0 U***
Chloroethane (Ethyl Chloride)	µg/L	5--[A]	***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	2.00 U	2.00 U	4.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	20.0 U	50 U	10.0 U	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[A]	***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	2.00 U	2.00 U	4.00 U
Chloromethane	µg/L	5--[A]	***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	2.00 U	2.00 U	4.00 U
Cyclohexane	µg/L	n/v	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	10.0 U	10.0 U	20.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[A]	***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***	***10.0 U***	***10.0 U***	***20.0 U***
Dibromochloromethane	µg/L	50[B]	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	2.00 U	2.00 U	4.00 U
Dichlorobenzene, 1,2-	µg/L	3[A]	***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	2.00 U	2.00 U	***4.00 U***
Dichlorobenzene, 1,3-	µg/L	3[A]	***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	2.00 U	2.00 U	***4.00 U***
Dichlorobenzene, 1,4-	µg/L	3[A]	***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	2.00 U	2.00 U	***4.00 U***
Dichlorodifluoromethane (Freon 12)	µg/L	5--[A]	***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	2.00 U	2.00 U	4.00 U
Dichloroethane, 1,1-	µg/L	5--[A]	***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	2.00 U	2.00 U	4.00 U
Dichloroethane, 1,2-	µg/L	0.6[A]	***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***	***2.00 U***	***2.00 U***	***4.00 U***
Dichloroethene, 1,1-	µg/L	5--[A]	***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	2.00 U	2.00 U	4.00 U
Dichloroethene, cis-1,2-	µg/L	5--[A]	**480[A]**	**179[A]**	**220[A]**	**155[A]**	**81.9[A]**	**145[A]**	**210[A]**	**159[A]**	**83.6[A]**	-	**151[A]**	**111[A]**	**129[A]**	**131[A]**	**188[A]**	**212[A]**
Dichloroethene, trans-1,2-	µg/L	5--[A]	**358[A]**	**134[A]**	**183[A]**	**120[A]**	**59.0[A]**	**115[A]**	**120[A]**	**83.6[A]**	**86.4[A]**	-	**196[A]**	**130[A]**	**115[A]**	**100[A]**	**98.9[A]**	**111[A]**
Dichloropropane, 1,2-	µg/L	1[A]	***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***	***2.00 U***	***2.00 U***	***4.00 U***
Dichloropropane, 1,3-	µg/L	5--[A]	-	-	-	-	-	-	***10 U***	2.00 U	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5--[A]	-	-	-	-	-	-	***10 U***	2.00 U	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[B][A]	***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***	***2.00 U***	***2.00 U***	***4.00 U***
Dichloropropene, trans-1,3-	µg/L	0.4[B][A]	***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***	***2.00 U***	***2.00 U***	***4.00 U***
Dioxane, 1,4-	µg/L	n/v	-	-	-	-	-	-	100 U	20.0 U	20.0 U	-	R	20.0 U	20.0 U	20.0 U	20.0 U	40.0 U
Ethylbenzene	µg/L	5--[A]	***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	2.00 U	2.00 U	4.00 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[A]	***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***	***2.00 U***	***2.00 U***	***4.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	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	5.00 U	5.00 U	10.0 U
Isopropylbenzene	µg/L	5--[A]	***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	2.00 U	2.00 U	4.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5--[A]	***10.0 U***	***10.0 U***	5.00 U	4.00 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Methyl Acetate	µg/L	n/v	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	2.00 U	2.00 U	4.00 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[B]	50.0 U	50.0 U	25.0 U	20.0 U	10.0 U	20.0 U	**110[B]**	32.2	10.0 U	-	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	20.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	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	5.00 U	5.00 U	10.0 U
Methyl tert-butyl ether (MTBE)	µg/L	10[B]	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	2.00 U	2.00 U	4.00 U
Methylcyclohexane	µg/L	n/v	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	2.00 U	2.00 U	4.00 U
Methylene Chloride (Dichloromethane)	µg/L	5--[A]	***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	5.00 U	5.00 U	***10.0 U***
Naphthalene	µg/L	10[A]	***25.0 U***	***25.0 U***	***12.5 U***	10.0 U	5.00 U	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5--[A]	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5--[A]	***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	5.00 U	5.00 U	***10.0 U***
Tetrachloroethane, 1,1,2,2-	µg/L	5--[A]	***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	2.00 U	2.00 U	4.00 U
Tetrachloroethene (PCE)	µg/L	5--[A]	***10.0 U***	***10.0 U***	**6.71[A]**	4.92	**5.21[A]**	**5.59[A]**	***10 U***	2.00 U	2.00 U	-	2.00 U	1.38 J	2.36	2.93	3.37	2.15 J
Toluene	µg/L	5--[A]	***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	2.00 U	2.00 U	4.00 U
Trichlorobenzene, 1,2,3-	µg/L	5--[A]	***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	5.00 U	5.00 U	***10.0 U***
Trichlorobenzene, 1,2,4-	µg/L	5--[A]	***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	5.00 U	5.00 U	***10.0 U***
Trichloroethane, 1,1,1-	µg/L	5--[A]	***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	2.00 U	2.00 U	4.00 U
Trichloroethane, 1,1,2-	µg/L	1[A]	***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***	***2.00 U***	***2.00 U***	***4.00 U***
Trichloroethene (TCE)	µg/L	5--[A]	**431[A]**	**221[A]**	**264[A]**	**200[A]**	**139[A]**	**229[A]**	**230[A]**	**13.9[A]**	**20.3[A]**	-	**16.8[A]**	**9.94[A]**	**10.1[A]**	**15.2[A]**	**23.5[A]**	**14.2[A]**
Trichlorofluoromethane (Freon 11)	µg/L	5--[A]	***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	2.00 U	2.00 U	4.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5--[A]	***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	2.00 U	2.00 U	4.00 U
Trimethylbenzene, 1,2,4-	µg/L	5--[A]	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5--[A]	***25.0 U***	***25.0 U***	***12.5 U***	4.00 U	2.00 U	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	10.0 U	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2[A]	***10.0 U***	***10.0 U***	***5.00 U***	***4.00 U***	2.00 U	***4.00 U***	***10 U***	**23.6[A]**	**18.8[A]**	-	**78.3[A]**	**48.5[A]**	**55.5[A]**	**48.7[A]**	**75.8[A]**	**46.6[A]**
Xylene, m & p-	µg/L	5--[A]	***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	2.00 U	2.00 U	4.00 U
Xylene, o-	µg/L	5--[A]	***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	2.00 U	2.00 U	4.00 U
Total VOC	µg/L	n/v	1,269	534	709.11	479.92	285.11	494.59	670	345.1	209.1	-	442.1	300.82	311.96	297.83	389.57	385.95
Miscellaneous Parameters																		
Arsenic	mg/L	0.025[A]	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	-	-	0.0194	-	-	-	-	-	-	-	-
Iron	mg/L	0.3[A]	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	-	-	**3.91 L[A]**	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3[A]	0.092	0.021	0.033	0.041	0.015 U	-	-	0.0860 L	-	-	-	-	-	-	-	-
Sodium	mg/L	20[A]	**318[A]**	**346[A]**	**352[A]**	**342[A]**	**356[A]**	**361[A]**	**1,100[A]**	**302[A]**	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	3.2	3	3.2	2.9	3.3	3.2	1,200	164	12.0	4.70	-	2.5	6.14	3.52	2.0	1.6

See notes on last page.

Table 1
Summary of Volatile Organic Compounds in Groundwater – September 2011 to October 2019
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			MW207R															
Sample Date			27-Sep-11	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	10-Oct-13	18-Jun-15	10-Mar-16	10-Jan-18	24-Oct-18	8-Oct-19
Sample ID			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	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	WSR-MW-207R-GW	WSR-MW-207R	WSR-MW-207R-GW
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			P11-4089	P11-4089	12:0488	12:0936	12:2392	12:3694	13:0365	131283	132505	133909	133925	152493	160970	180096	184937	194958
Laboratory Sample ID			14074	14075	12:0488-04	12:0936-03	12:2392-03	12:3694-02	130365-02	131283-04	132505-04	133909-04	133925-06	152493-06	160970-05	180096-04	184937-05	194958-04
Sample Type	Units	TOGS		Field Duplicate														
Volatile Organic Compounds																		
Acetone	µg/L	50[B]	50.0 U	50.0 U	***100 U***	***100 U***	50.0 U	50.0 U	50 U	50.0 U	***200 U***	-	***200 U***	***200 U***	***100 U***	***100 U***	***200 U***	***100 U***
Benzene	µg/L	1[A]	***3.50 U***	***3.50 U***	***7.00 U***	***7.00 U***	***3.50 U***	***3.50 U***	***3.5 U***	***3.50 U***	***14.0 U***	-	***20 U***	***20.0 U***	***10.0 U***	***10.0 U***	***20.0 U***	***10.0 U***
Bromobenzene	µg/L	5--[A]	-	-	-	-	-	-	***25 U***	***25.0 U***	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[B]	10.0 U	10.0 U	20.0 U	20.0 U	10.0 U	10.0 U	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 U	20.0 U	40.0 U	20.0 U
Bromoform (Tribromomethane)	µg/L	50[B]	25.0 U	25.0 U	50.0 U	50.0 U	25.0 U	25.0 U	25 U	25.0 U	***100 U***	-	***100 U***	***100 U***	50.0 U	50.0 U	***100 U***	50.0 U
Bromomethane (Methyl bromide)	µg/L	5--[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Butylbenzene, n-	µg/L	5--[A]	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5--[A]	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5--[A]	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[B]	25.0 U	25.0 U	20.0 U	20.0 U	10.0 U	10.0 U	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 U	20.0 U	40.0 U	20.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Chlorobenzene (Monochlorobenzene)	µg/L	5--[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Chlorobromomethane	µg/L	5--[A]	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	-	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	***50.0 U***	***100 U***	***50.0 U***
Chloroethane (Ethyl Chloride)	µg/L	5--[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	50.0 U	50 U	50.0 U	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Chloromethane	µg/L	5--[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Cyclohexane	µg/L	n/v	50.0 U	50.0 U	100 U	100 U	50.0 U	-	50 U	50.0 U	200 U	-	200 U	200 U	100 U	100 U	200 U	100 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[A]	***50.0 U***	***50.0 U***	***100 U***	***100 U***	***50.0 U***	-	***50 U***	***50.0 U***	***200 U***	-	***200 U***	***200 U***	***100 U***	***100 U***	***200 U***	***100 U***
Dibromochloromethane	µg/L	50[B]	10.0 U	10.0 U	20.0 U	20.0 U	10.0 U	10.0 U	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 U	20.0 U	40.0 U	20.0 U
Dichlorobenzene, 1,2-	µg/L	3[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Dichlorobenzene, 1,3-	µg/L	3[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Dichlorobenzene, 1,4-	µg/L	3[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Dichlorodifluoromethane (Freon 12)	µg/L	5--[A]	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Dichloroethane, 1,1-	µg/L	5--[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Dichloroethane, 1,2-	µg/L	0.6[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Dichloroethene, 1,1-	µg/L	5--[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Dichloroethene, cis-1,2-	µg/L	5--[A]	**908[A]**	**913[A]**	**1,330[A]**	**1,480[A]**	**432[A]**	**98.4[A]**	**500[A]**	**250[A]**	**193[A]**	-	***40.0 U***	**537[A]**	**690[A]**	**1,940[A]**	**1,070[A]**	**932[A]**
Dichloroethene, trans-1,2-	µg/L	5--[A]	**22.7[A]**	**22.3[A]**	***20.0 U***	***20.0 U***	**13.9[A]**	**26.0[A]**	**24[A]**	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	**14.7 J[A]**	**25[A]**	***40.0 U***	**15.5 J[A]**
Dichloropropane, 1,2-	µg/L	1[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	-	-	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Dichloropropane, 1,3-	µg/L	5--[A]	-	-	-	-	-	-	***10 U***	***10.0 U***	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5--[A]	-	-	-	-	-	-	***10 U***	***10.0 U***	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4$_{5}$[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	-	-	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Dichloropropene, trans-1,3-	µg/L	0.4$_{5}$[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Dioxane, 1,4-	µg/L	n/v	-	-	-	-	-	-	100 U	100 U	400 U	-	R	400 U	200 U	200 U	400 U	200 U
Ethylbenzene	µg/L	5--[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	25.0 U	25.0 U	50.0 U	50.0 U	25.0 U	25.0 U	25 U	25.0 U	***100 U***	-	***100 U***	***100 U***	50.0 U	50.0 U	***100 U***	50.0 U
Isopropylbenzene	µg/L	5--[A]	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-	-	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Isopropyltoluene, p- (Cymene)	µg/L	5--[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-
Methyl Acetate	µg/L	n/v	10.0 U	10.0 U	20.0 U	20.0 U	10.0 U	-	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 U	20.0 U	40.0 U	20.0 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[B]	50.0 U	50.0 U	***100 U***	***100 U***	50.0 U	50.0 U	**140[B]**	**61.0[B]**	***200 U***	-	***200 UJ***	***200 U***	***100 U***	***100 U***	***200 U***	***100 U***
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	25.0 U	25.0 U	50.0 U	50.0 U	25.0 U	25.0 U	25 U	25.0 U	100 U	-	100 U	100 U	50.0 U	50.0 U	100 U	50.0 U
Methyl tert-butyl ether (MTBE)	µg/L	10[B]	10.0 U	10.0 U	***20.0 U***	***20.0 U***	10.0 U	-	10 U	10.0 U	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Methylcyclohexane	µg/L	n/v	10.0 U	10.0 U	20.0 U	20.0 U	10.0 U	-	10 U	10.0 U	40.0 U	-	40.0 U	40.0 U	20.0 U	20.0 U	40.0 U	20.0 U
Methylene Chloride (Dichloromethane)	µg/L	5--[A]	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	***25.0 U***	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	***50.0 U***	***100 U***	***50.0 U***
Naphthalene	µg/L	10[A]	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5--[A]	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/L	5--[A]	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	***25.0 U***	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	***50.0 U***	***100 U***	***50.0 U***
Tetrachloroethane, 1,1,2,2-	µg/L	5--[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Tetrachloroethene (PCE)	µg/L	5--[A]	**132[A]**	**130[A]**	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	**19[A]**	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Toluene	µg/L	5--[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Trichlorobenzene, 1,2,3-	µg/L	5--[A]	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	-	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	***50.0 U***	***100 U***	***50.0 U***
Trichlorobenzene, 1,2,4-	µg/L	5--[A]	***25.0 U***	***25.0 U***	***50.0 U***	***50.0 U***	***25.0 U***	-	***25 U***	***25.0 U***	***100 U***	-	***100 U***	***100 U***	***50.0 U***	***50.0 U***	***100 U***	***50.0 U***
Trichloroethane, 1,1,1-	µg/L	5--[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Trichloroethane, 1,1,2-	µg/L	1[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Trichloroethene (TCE)	µg/L	5--[A]	**182[A]**	**184[A]**	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	**55[A]**	***10.0 U***	***40.0 U***	-	***40.0 U***	**20.5 J[A]**	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Trichlorofluoromethane (Freon 11)	µg/L	5--[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Trichlorotrifluoroethane (Freon 113)	µg/L	5--[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Trimethylbenzene, 1,2,4-	µg/L	5--[A]	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5--[A]	***25.0 U***	***25.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	-	-	-	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	25.0 U	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2[A]	**203[A]**	**213[A]**	**1,010[A]**	**936[A]**	**627[A]**	**184[A]**	**1,000[A]**	**327[A]**	**1,850[A]**	-	**451[A]**	**829[A]**	**582[A]**	**2,000[A]**	**1,700[A]**	**1,140[A]**
Xylene, m & p-	µg/L	5--[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Xylene, o-	µg/L	5--[A]	***10.0 U***	***10.0 U***	***20.0 U***	***20.0 U***	***10.0 U***	***10.0 U***	***10 U***	***10.0 U***	***40.0 U***	-	***40.0 U***	***40.0 U***	***20.0 U***	***20.0 U***	***40.0 U***	***20.0 U***
Total VOC	µg/L	n/v	1,447.7	1,462.3	2,340	2,416	1,072.9	308.4	1,738	638	2,043	-	451	1,386.5	1,286.7	3,965	2,770	-
Miscellaneous Parameters																		
Arsenic	mg/L	0.025[A]	-	-	0.010 U	0.014	0.010 U	-	-	0.0100 U	-	-	-	-	-	-	-	-
Iron	mg/L	0.3[A]	-	-	0.100 U	0.100 U	0.100 U	-	-	0.100 U	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3[A]	-	-	0.045	0.145	0.057	-	-	0.0207	-	-	-	-	-	-	-	-
Sodium	mg/L	20[A]	-	-	**543[A]**	**439[A]**	**538[A]**	**531[A]**	**840[A]**	**493[A]**	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	-	-	18.5	8.7	9.4	1.7	530	131	28.0	18.4	-	4.1	11.7	5.91	3.5	2.1

See notes on last page.

Table 1
Summary of Volatile Organic Compounds in Groundwater – September 2011 to October 2019
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			Trip Blank																					
Sample Date			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	11-Apr-13	12-Apr-13	2-Jul-13	3-Jul-13	5-Jul-13
Sample ID			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	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
Laboratory			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			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	131259	131283	132471	132490	132505
Laboratory Sample ID			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	131259-01	131283-01	132471-01	132490-01	132505-01
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	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Volatile Organic Compounds																									
Acetone	µg/L	50[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	10.0 U	28.1 B	10.0 U	10.0 U	10 U	10 U	10 U	13.3	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Benzene	µg/L	1[A]	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	0.700 U	0.700 U	0.700 U	0.700 U	0.700 U
Bromobenzene	µg/L	5--[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	50[B]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 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	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Butylbenzene, n-	µg/L	5--[A]	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--[A]	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--[A]	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[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	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 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[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	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5--[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	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	µg/L	5--[A]	5.00 U	5.00 U	5.00 U	5.00 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	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[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	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	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	10.0 U	-	-	-	10 U	10 U	10 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[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***	***10.0 U***	-	-	-	***10 U***	***10 U***	***10 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***
Dibromochloromethane	µg/L	50[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	3[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	3[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	3[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorodifluoromethane (Freon 12)	µg/L	5--[A]	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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,1-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,2-	µg/L	0.6[A]	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 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***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Dichloroethene, 1,1-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	5--[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	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 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--[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	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 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[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***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.0 U***	***2.0 U***	***2.0 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--[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5--[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4$_{p}$[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***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.0 U***	***2.0 U***	***2.0 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$_{p}$[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***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.0 U***	***2.0 U***	***2.0 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20 U	20 U	20 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U
Ethylbenzene	µg/L	5--[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	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 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[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***	***2.00 U***	-	-	-	***2.0 U***	***2.0 U***	***2.0 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[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	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Isopropylbenzene	µg/L	5--[A]	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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Isopropyltoluene, p- (Cymene)	µg/L	5--[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	2.00 U	-	-	-	-	-	-	-	-	-	-	-	-
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	2.00 U	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[B]	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 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	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 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	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	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	2.00 U	-	-	-	2.0 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	5--[A]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 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	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Naphthalene	µg/L	10[A]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5--[A]	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--[A]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5.0 U	5.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Tetrachloroethene (PCE)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Toluene	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5--[A]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 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	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5--[A]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 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	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichloroethane, 1,1,1-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	1[A]	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 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***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Trichloroethene (TCE)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5--[A]	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--[A]	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[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	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, m & p-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, o-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 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	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Total VOC	µg/L	n/v	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.1	ND	ND	ND	ND	ND	13.3	ND	ND	0	0	0
Miscellaneous Parameters																									
Arsenic	mg/L	0.025[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.3[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	mg/L	20[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 1
Summary of Volatile Organic Compounds in Groundwater – September 2011 to October 2019
PERIODIC REVIEW REPORT, WARD STREET SITES
GERMANOW-SIMON CORPORATION
ROCHESTER, NY

Sample Location			Trip Blank							
Sample Date			8-Oct-13	9-Oct-13	10-Oct-13	17-Jun-15	9-Mar-16	10-Jan-18	16-Oct-18	3-Oct-19
Sample ID			Trip Blank	Trip Blank	Trip Blank	TRIP-06172015, T-633	Trip Blank (T-693)	Trip Blank T-803	Trip Blank	Trip Blank
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			133927	133926	133925	152493	160970	180096	184937	194958
Laboratory Sample ID			133927-01	133926-01	133925-01	152493-04	160970-07	180096-07	184937-07	194958-07
Sample Type	Units	TOGS	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Volatile Organic Compounds										
Acetone	µg/L	50[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
Benzene	µg/L	1[A]	1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromobenzene	µg/L	5--[A]	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/L	50[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
Bromoform (Tribromomethane)	µg/L	50[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
Bromomethane (Methyl bromide)	µg/L	5--[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
Butylbenzene, n-	µg/L	5--[A]	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5--[A]	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/L	5--[A]	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/L	60[B]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobromomethane	µg/L	5--[A]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroethane (Ethyl Chloride)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	5--[A]	2.00 U	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
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[A]	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***
Dibromochloromethane	µg/L	50[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
Dichlorobenzene, 1,2-	µg/L	3[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
Dichlorobenzene, 1,3-	µg/L	3[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
Dichlorobenzene, 1,4-	µg/L	3[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
Dichlorodifluoromethane (Freon 12)	µg/L	5--[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
Dichloroethane, 1,1-	µg/L	5--[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
Dichloroethane, 1,2-	µg/L	0.6[A]	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Dichloroethene, 1,1-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	5--[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
Dichloroethene, trans-1,2-	µg/L	5--[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
Dichloropropane, 1,2-	µg/L	1[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***
Dichloropropane, 1,3-	µg/L	5--[A]	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/L	5--[A]	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4$_p$[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***
Dichloropropene, trans-1,3-	µg/L	0.4$_p$[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***
Dioxane, 1,4-	µg/L	n/v	R	R	R	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U
Ethylbenzene	µg/L	5--[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
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[A]	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[B]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Isopropylbenzene	µg/L	5--[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
Isopropyltoluene, p- (Cymene)	µg/L	5--[A]	-	-	-	-	-	-	-	-
Methyl Acetate	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[B]	10.0 UJ	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Methyl tert-butyl ether (MTBE)	µg/L	10[B]	2.00 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
Methylene Chloride (Dichloromethane)	µg/L	5--[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
Naphthalene	µg/L	10[A]	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/L	5--[A]	-	-	-	-	-	-	-	-
Styrene	µg/L	5--[A]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Tetrachloroethene (PCE)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Toluene	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorobenzene, 1,2,3-	µg/L	5--[A]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichlorobenzene, 1,2,4-	µg/L	5--[A]	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trichloroethane, 1,1,1-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	1[A]	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***
Trichloroethene (TCE)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trimethylbenzene, 1,2,4-	µg/L	5--[A]	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5--[A]	-	-	-	-	-	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, m & p-	µg/L	5--[A]	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Xylene, o-	µg/L	5--[A]	2.00 U	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	ND	ND	ND	ND	ND	ND
Miscellaneous Parameters										
Arsenic	mg/L	0.025[A]	-	-	-	-	-	-	-	-
Iron	mg/L	0.3[A]	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3[A]	-	-	-	-	-	-	-	-
Sodium	mg/L	20[A]	-	-	-	-	-	-	-	-
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); Standards
[B]	TOGS 1.1.1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Guidance
6.5[A]	Concentration exceeds the indicated standard.
15.2	Measured concentration did not exceed the indicated standard.
0.50 U	Laboratory reporting limit was greater than the applicable standard.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
-	The standard for Iron and Manganese is 500 ug/L, which applies to the sum of these substances. As individual standards, the standard is 300 ug/L.
--	The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in the TOGS table) applies to this substance.
p	Applies to the sum of cis- and trans-1,3-dichloropropene.
B	Indicates analyte was found in associated blank, as well as in the sample.
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.
ND	Not detected.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
UJ	Indicates estimated non-detect.

Table 2
SUMMARY OF FIELD PARAMETERS IN GROUNDWATER - SEPTEMBER 2011 TO OCTOBER 2019

Ward Street Sites
Germanow-Simoan Corporation
Rochester, NY

Area of interest		On-Site Area 1: Building B Annex														
Sample Location		MW105														
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	10-Jan-18*	24-Oct-18	08-Oct-19*
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-105-GW	WSR-MW-105-GW	WSR-MW-105-GW
Sampling Company		STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters	**Units**															
Color (Visual)	none	clear	clear	clear	clear	clear	cloudy	clear	Black precipitate	clear with some brown precipitate	clear	cloudy	clear	slightly cloudy		brown turbid (after bailing)
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	2.08	2.02	2.039
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	0.33	0.48	0.26
Odor	none	none	no odor	no odor	no odor	sulfur odor	no odor	sulfur odor	Strong sulfur odor	none	none	none	slight sulfur	none	none	none
Oxidation Reduction Potential	mV	111	227	297	235	-132	195.3	-199.2	-219.6	-152.6	-70.2	-28.0	-90.2	-27.5	-91.8	-8.4
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	7.14	7.19	7.18
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	20.0	21.2	20.7
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	20.3	25.8	91.19
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	1.2	0.7	0.6

See Notes on Last Page

Table 2
SUMMARY OF FIELD PARAMETERS IN GROUNDWATER - SEPTEMBER 2011 TO OCTOBER 2019

Ward Street Sites
Germanow-Simoan Corporation
Rochester, NY

Area of interest		On-Site Area 1: Building B Annex													
Sample Location		MW207R													
Sample Date		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	10-Jan-18*	24-Oct-18	8-Oct-19
Sample ID		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	WSR-MW-207R-GW	WSR-MW-207R-GW	WSR-MW-207R-GW
Sampling Company		STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters	**Units**														
Color (Visual)	none	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	clear	clear	clear with black, fine suspended material
Conductivity, Field	mS/cm	0.50	0.541	4.32	0.490	4.59	49.93	3.85	4.00	3.57	3.84	3.48	3.36	3.60	4.648
Dissolved Oxygen, Field	mg/L	0.7	0.00	0.00	0.62	0.41	0.36	0.74	0.15	0.14	0.67	0.4	0.10	0.18	0.12
Odor	none	sulfur odor	odor	sulfur odor	strong sulfur odor	sulfur	sulfur odor	odor	strong sulfur odor	strong sulfur odor	sulfur odor	sulfur odor	sulfur odor	strong sulfur odor	sulfur odor
Oxidation Reduction Potential	mV	-134	-345	-374	-358	-301.6	-351.9	-346.1	-349.2	-288.8	-248.2	-67.0	-104.5	-278.4	-141.3
pH, Field	S.U.	6.93	6.73	7.22	6.68	6.87	6.77	8.04	6.78	6.93	6.79	7.00	6.93	7.06	6.76
Temperature, Field	deg C	17.9	14.27	13.28	15.9	20.1	14.0	11.7	18.7	18.6	15.0	14.2	14.0	16.0	16.2
Turbidity, Field	NTU	4.21	-0.29	5.79	0.70	3.92	1.72	2.31	3.53	3.66	1.52	2.29	2.40	1.0	55.04**
Volume Purged	gal	1.5	1.1	0.5	1.3	1.2	3.6	1.6	2.0	1.5	1.5	1.6	1.1	0.7	0.7

See Notes on Last Page

Table 2
SUMMARY OF FIELD PARAMETERS IN GROUNDWATER - SEPTEMBER 2011 TO OCTOBER 2019

Ward Street Sites
Germanow-Simoan Corporation
Rochester, NY

Area of interest		Off-Site Area 1: MW-16/ Ward Street													
Sample Location		MW16													
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	10-Jan-18*	24-Oct-18	8-Oct-19
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-16-GW	WSR-MW-16-GW	WSR-MW-16-GW
Sampling Company		STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters	**Units**														
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	slightly cloudy with light to dark colored suspended material	none	clear with black suspended material
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	8.50	7.56	5.511
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	0.17	0.26	0.13
Odor	none	0	no odor	no odor	no odor	sulfur	sewage odor	Sulfur odor	slight sulfur odor	sulfur odor	none	sulfur odor	slight sulfur odor	none	slight sulfur odor
Oxidation Reduction Potential	mV	-107	-259	-181	-291	-319.5	-208.0	-361.2	-207.6	-188.0	-150.0	-120.2	-115.1	-164.4	-140.3
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	7.19	7.46	7.41
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	11.8	17.8	17.3
Turbidity, Field	NTU	30	11.1	17.6	37.0	7.11	1.01	4.55	8.59	11.4	8.98	11.55	15.0	1.89	17.27
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	0.4	0.3	1.2

See Notes on Last Page

Table 2
SUMMARY OF FIELD PARAMETERS IN GROUNDWATER - SEPTEMBER 2011 TO OCTOBER 2019

Ward Street Sites
Germanow-Simoan Corporation
Rochester, NY

Area of interest		Off-Site Area 1: MW-16/ Ward Street														
Sample Location		MW16R														
Sample Date		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	10-Jan-18*	24-Oct-18	08-Oct-19
Sample ID		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	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
Field Parameters	**Units**															
Color (Visual)	none	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	clear with fine light to dark suspended material	clear	mostly clear with dark suspended material
Conductivity, Field	mS/cm	4.31	3.75	0.782	4.90	0.629	5.19	5.32	4.06	4.40	2.67	8.04	3.72	3.96	2.91	4.875
Dissolved Oxygen, Field	mg/L	1.12	2.63	0.00	0.00	1.00	0.16	0.90	0.76	0.25	0.14	0.16	0.11	0.34	1.35	0.14
Odor	none	none	no odor	no odor	stale odor	no odor	sulfur	sulfur	Sulfur odor	slight sulfur odor	sulfur odor	none	none	sulfur odor	none	none
Oxidation Reduction Potential	mV	-62	104	-247	-196	-247	-328.6	-346.8	-313.9	-354.5	-264.3	-205.9	-144.3	-143.1	-155.9	-163.5
pH, Field	S.U.	6.56	7.53	6.84	7.04	6.53	6.96	6.76	7.04	6.90	6.58	7.00	6.95	6.89	6.99	6.84
Temperature, Field	deg C	17.78	7.26	12.28	10.95	18.3	20.9	11.1	8.3	19.0	19.7	16.0	17.2	10.6	16.7	16.7
Turbidity, Field	NTU	37	44.3	12.7	29	15.0	11.48	3.97	13.9	12.50	6.42	9.79	3.76	14.1	3.92	26.33
Volume Purged	gal	1.0	0.6	2.7	2.1	0.8	1.9	1.2	2.8	2.0	1.1	0.3	1.4	0.8	1.6	1.3

See Notes on Last Page

Table 2
SUMMARY OF FIELD PARAMETERS IN GROUNDWATER - SEPTEMBER 2011 TO OCTOBER 2019

Ward Street Sites
Germanow-Simoan 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	10-Jan-18*	24-Oct-18	8-Oct-19
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	828-MW-23-GW	828-MW-23-GW	828-MW-23-GW
Sampling Company		STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters	**Units**															
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		clear, few fine black suspended particles	clear	mostly clear with light-colored suspended material
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	4.39	3.72	3.919
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	0.28	0.25	0.06
Odor	none	none	no odor	no odor	no odor	no odor	no odor	sewage odor	No odor	slight sulfur odor	sulfur odor	none	none	none	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	-76.6	-74.4	-739.8
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	7.04	7.08	6.84
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	11.8	14.7	17.2
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	37.0	23.9	150
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	0.8	0.8	1.3

See Notes on Last Page

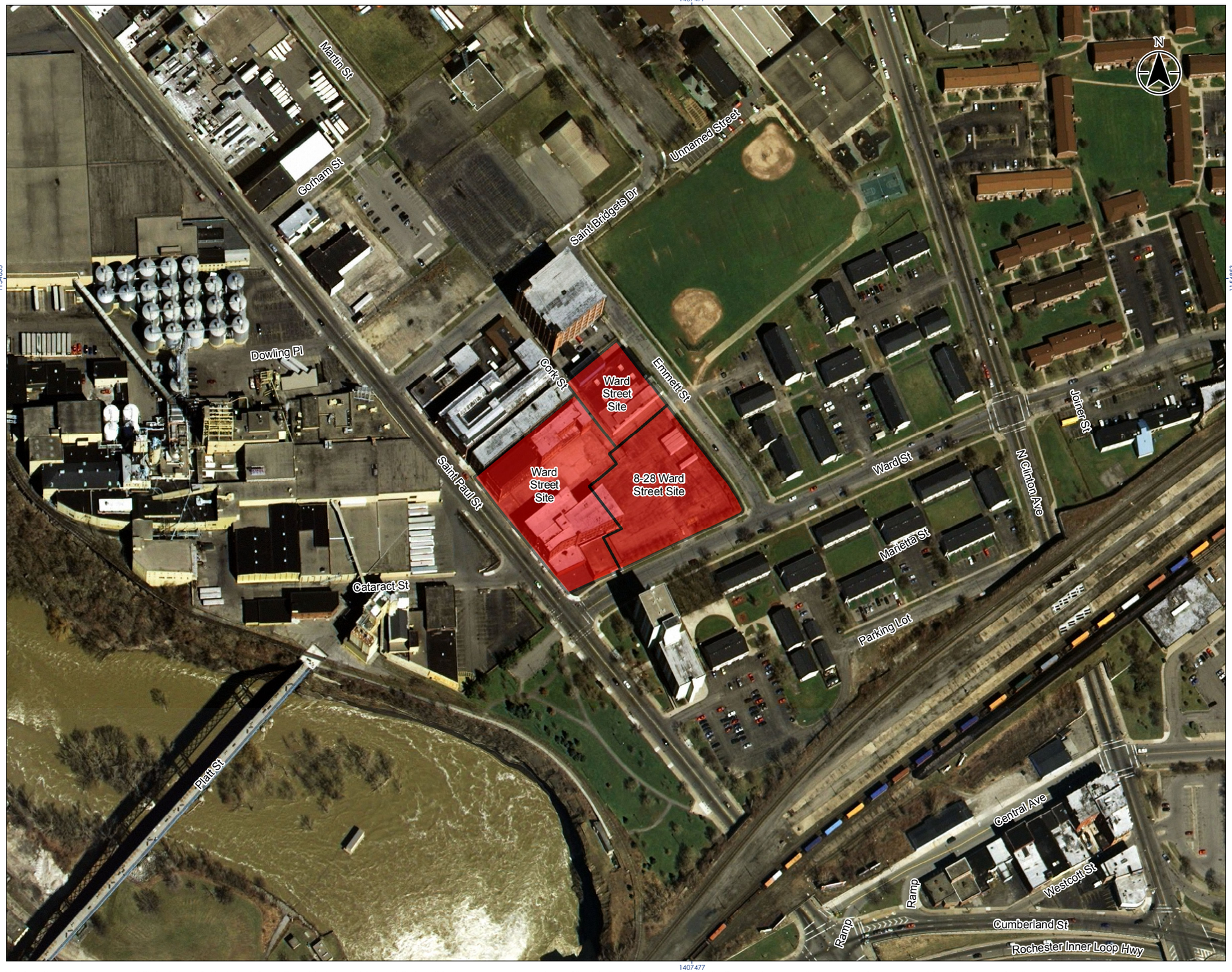
Table 2
SUMMARY OF FIELD PARAMETERS IN GROUNDWATER - SEPTEMBER 2011 TO OCTOBER 2019

Ward Street Sites
Germanow-Simoan 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	10-Jan-18*	24-Oct-18	8-Oct-19
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	828-MW-23R-GW	828-MW-23R-GW	828-MW-23R-GW
Sampling Company		STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Field Parameters	**Units**															
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	clear, fine black suspended particles		
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	4.14	3.86	3.896
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	0.13	1.17	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	sulfur odor	none	none
Oxidation Reduction Potential	mV	-23	-168	-262	-317	-211	-375.3	-438.3	-358.9	-408.0	-347.1	-307.0	-138.5	-190.7	-122.2	-173.9
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	7.26	7.25	6.96
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	11.1	14.6	15.7
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	8.97	1.88	3.97
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	0.75	0.3	1.7

See Notes on Last Page

FIGURES



Stantec

Legend

Site Boundary

0 0.03 0.06 Miles

1:2,400 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 StatePlane New York West FIPS 3103 Feet
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2013.
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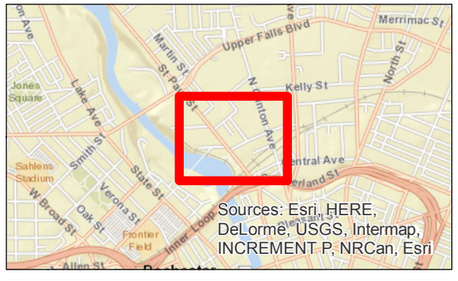


Project Location
Ward Street
C. of Rochester, Monroe Co., NY

190500014
Prepared by MB on 2011-02-XX
Technical Review by AL on 2013-XX-XX
Independent Review by MPS

Client/Project

Ward Street Site (C828117) and
8-28 Ward Street Site (C828136)

Figure No.

1

Title

Site Location Map

Stantec

Legend

Well Network

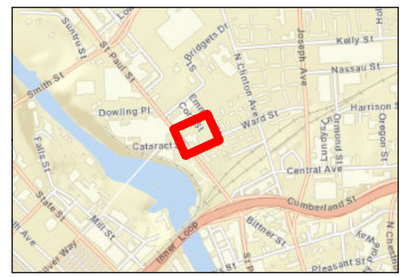
- Monitoring Well Sampled in October 2019
- Other Monitoring Well
- Extraction Well (inactive)
- Excavation Area (October 2017)
- 8-28 Ward Street Site Property Line
- Ward Street Site Property Line
- As-Built Trenching Limits

0 40 80 Feet

1:480 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 StatePlane New York West FIPS 3103 Feet.
2. Orthoimagery (2015) downloaded from gis.ny.gov. Key Map basemap: ArcGIS World Street Map.



Project Location
Ward Street
C. of Rochester, Monroe Co., NY

190501001
Prepared by LB on 2018-05-11
Technical Review by RJM on 2018-05-xx
Independent Review by MPS on 2018-05-xx

Client/Project
Groundwater Monitoring
Ward Street Site (C828117) and
8-28 Ward Street Site (C828136)

Figure No.
2

Title
Well Locations

J:\1405929\GIS\Locations Figures\Map2-well locations_updated 20181129.mxd Revised: 2018-12-11 By: dates

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

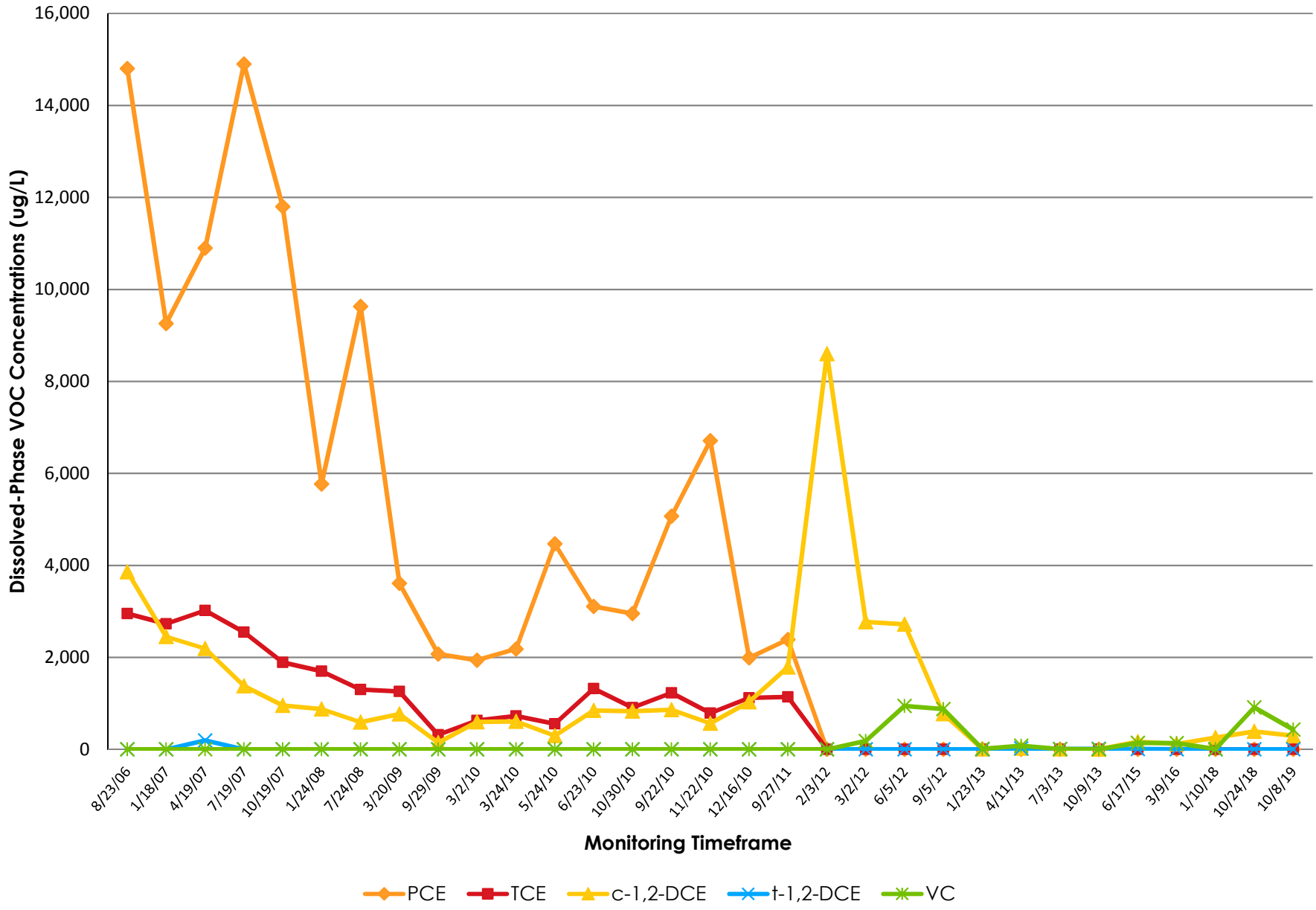


FIGURE 3B: Dissolved-Phase VOC Concentrations versus Time - MW-16R

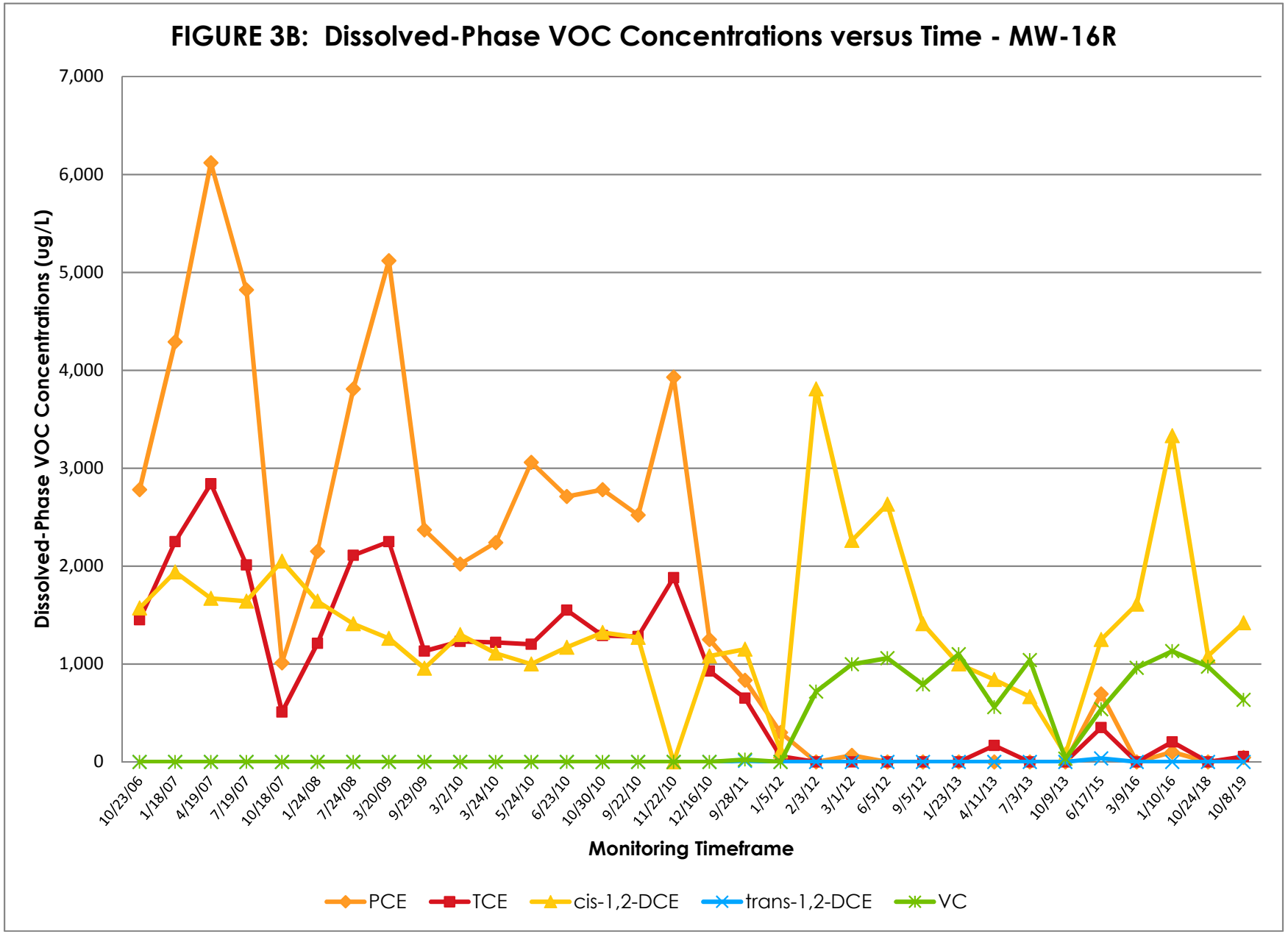


FIGURE 3C: Dissolved-Phase VOC Concentrations versus Time - MW-23

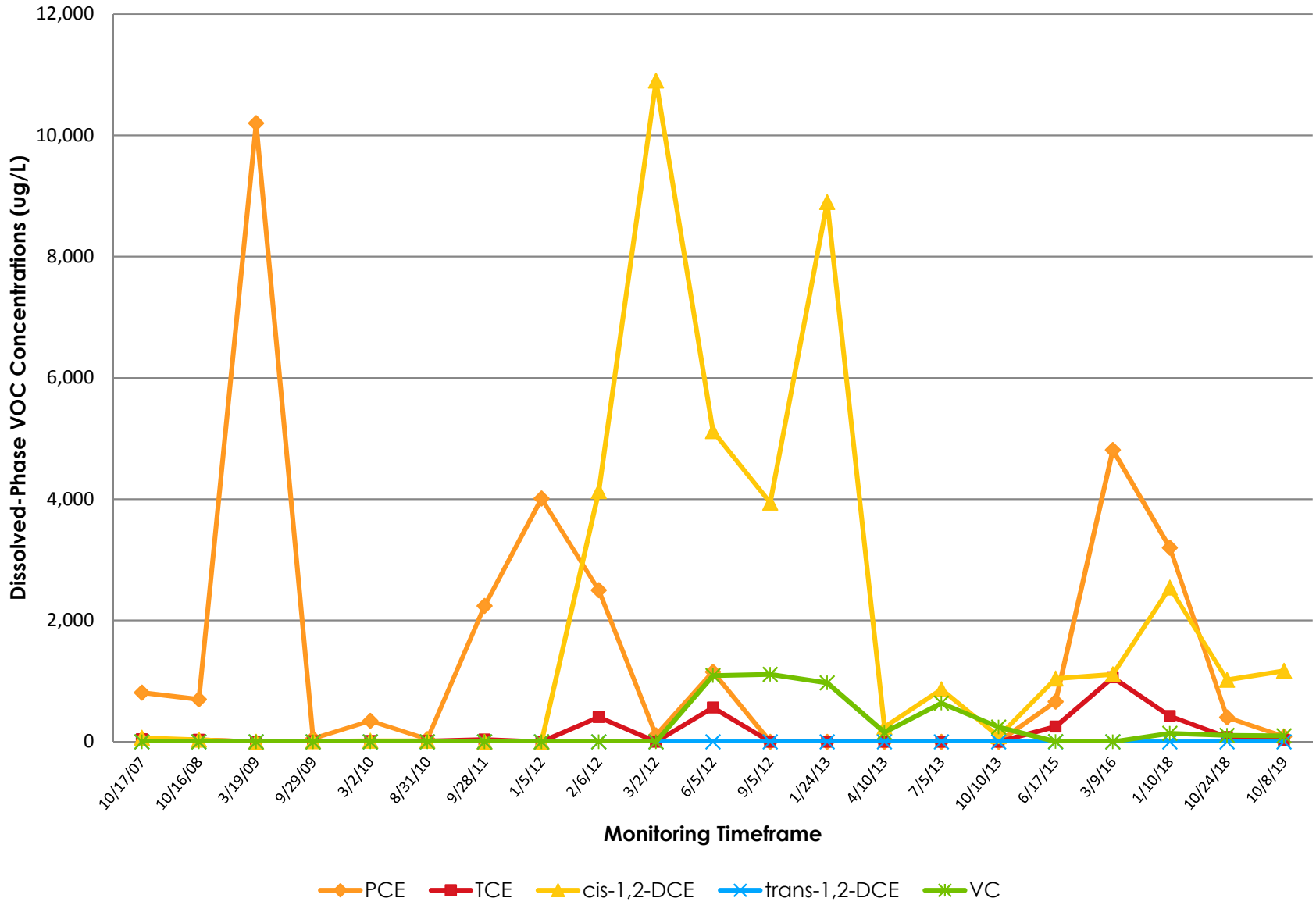


FIGURE 3D: Dissolved-Phase VOC Concentrations versus Time - MW-23R

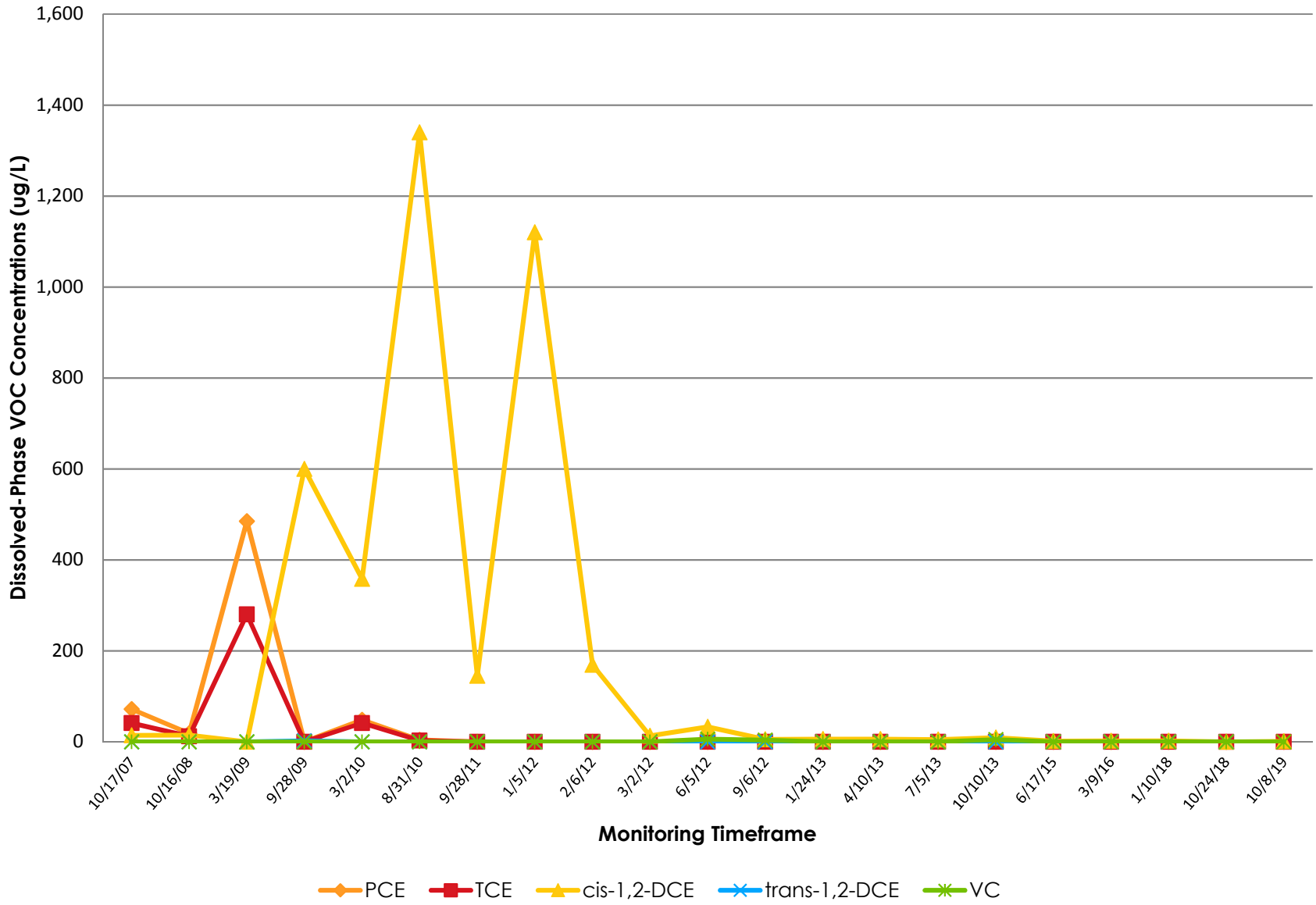


FIGURE 3E: Dissolved-Phase VOC Concentrations versus Time - MW-105

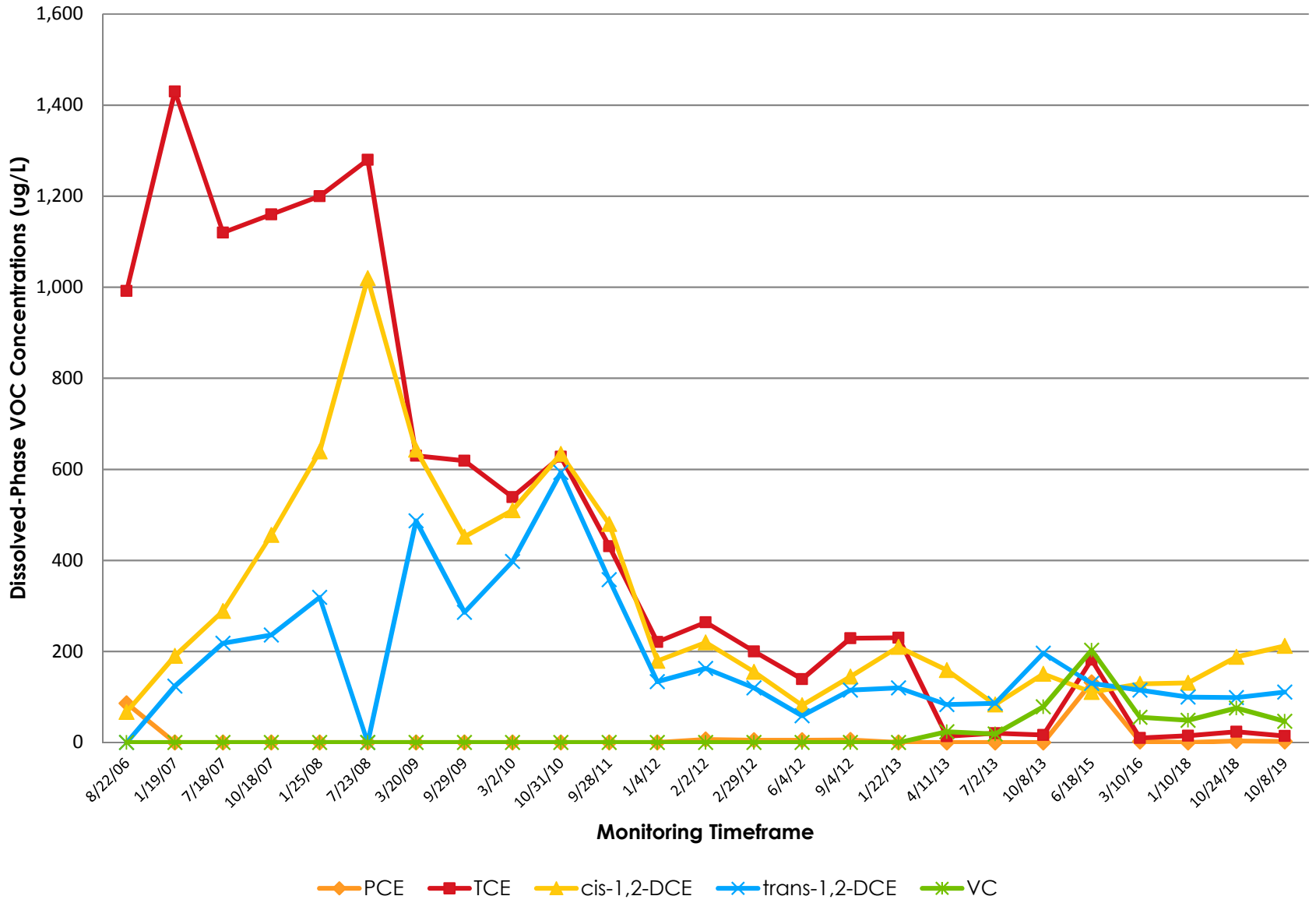
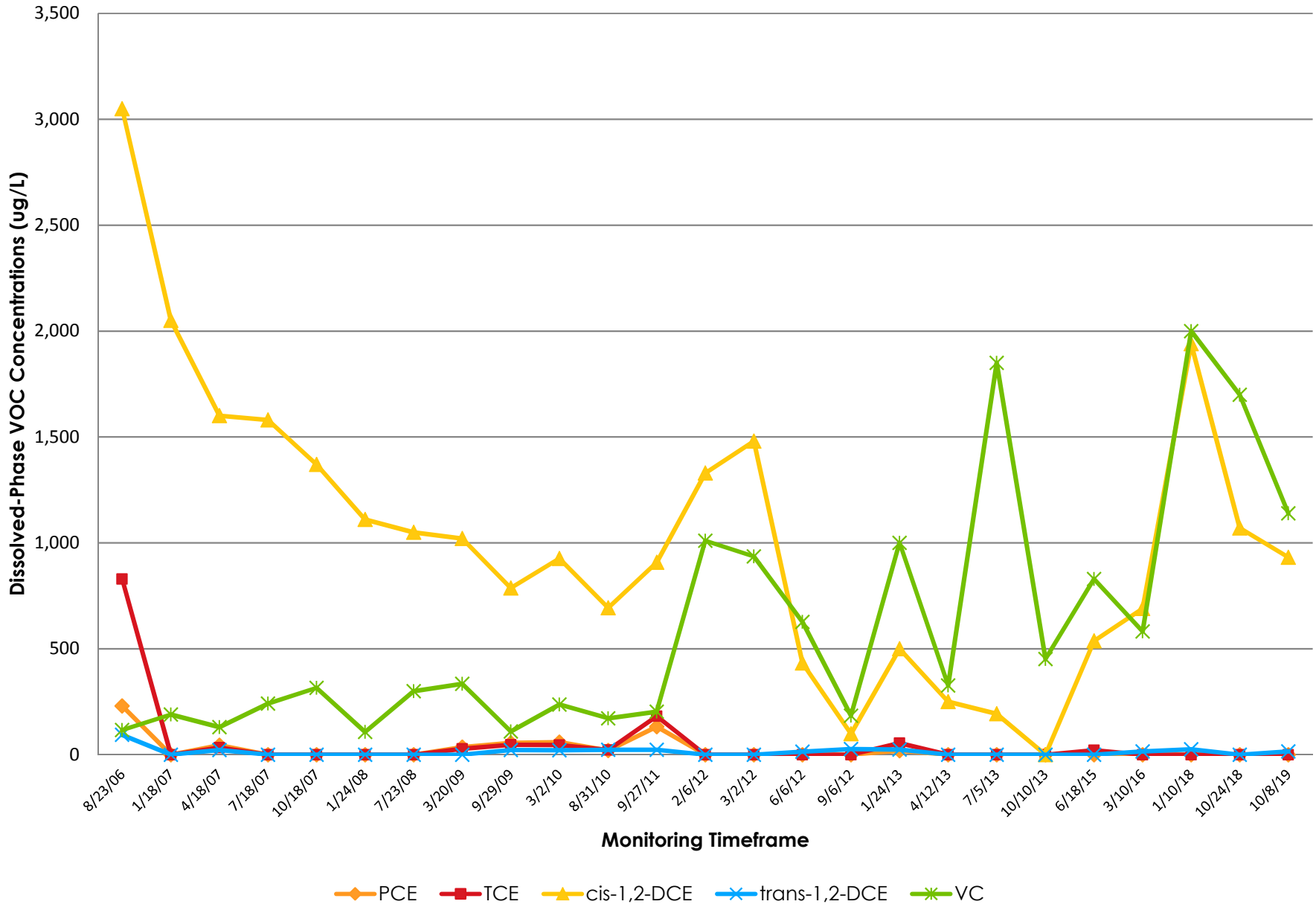


FIGURE 3F: Dissolved-Phase VOC Concentrations versus Time - MW-207R



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: 14605
City/Town: Rochester
County: Monroe
Site Acreage: 1.859

Reporting Period: November 15, 2019 to November 15, 2020

	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 in place and functioning as designed?	☑	☐

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

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

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

	Box 2A	
	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☑
If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☑	☐
If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		

SITE NO. C828117 **Box 3**

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

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.

Box 4

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 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.

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 Engineering Control certification;

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

YES	NO
☑	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

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

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

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

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

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

YES	NO
☑	☐

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

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

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. 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 (print name) at Germanow-Simon Corporation (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

12/3/2020
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

I Dwight Harrienger (print name) at Stantec Consulting Services Inc. 61 Commercial St, Suite 100, Rochester, NY 14614 (print business address),

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

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

Stamp (Required for PE)

12/10/2020 — Date

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: 14605
City/Town: Rochester
County: Monroe
Site Acreage: 1.222

Reporting Period: November 15, 2019 to November 15, 2020

	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 in place and functioning as designed?	☑	☐

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

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

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

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

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

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

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

SITE NO. 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 Engineering Control certification;

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

YES	NO
☑	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

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

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

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

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

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

YES	NO
☑	☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 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 (print name) at Germanow-Simon Corporation (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

12/4/2020
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

I Dwight Harrienger (print name) at Stantec Consulting Services Inc. 61 Commercial St, Suite 100, Rochester, NY 14614 (print business address),

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

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

Stamp (Required for PE)

12/10/2020
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 I F: (585) 226-8139
www.dec.ny.gov

February 27, 2020

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, 2018 through November 15, 2019 period.

The PRR recommends decreasing groundwater sampling frequency to every two years. This will be acceptable to the Department. Additionally, there has never been an electronic data submittal for these sites. Please submit the most recent data to the EQUIS system. Going forward, electronic data submittals will be required for all new data.

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, 2020*. As a courtesy, you may 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

New York State Department of Environmental Conservation
6274 East Avon-Lima Road, Avon, NY 14414
P: (585) 226-5350 |Todd.Caffoe@dec.ny.gov

www.dec.ny.gov |

ec: D. Pratt
R. Mahoney

From: Caffoe, Todd (DEC)
To: Storonsky, Mike
Cc: Pratt, David (DEC)
Subject: Re: Ward Street - Urgent Water Service Replacement
Date: Friday, June 5, 2020 7:40:00 AM

As stated in our telephone conversation yesterday, you are approved to proceed with the proposed actions for the water service replacement. The are of excavation is not within a known source area. Since the work will be performed inside the building, worker health and safety monitoring will be required; however, the CAMP will not be required.

As we discussed, this activity can be documented with the next periodic review report. Please let me know if you or the City of Rochester personnel need any additional information. Please keep me posted of the work schedule.

Thank you.

-Todd

Due to the COVID-19 Health Crisis, I will be working from home until further notice. Please e-mail if you need to reach me right away.

Todd M. Caffoe, P.E.
Division of Environmental Remediation

New York State Department of Environmental Conservation
6274 East Avon-Lima Road, Avon, NY 14414
P: (585) 226-5350 |Todd.Caffoe@dec.ny.gov

www.dec.ny.gov |

From: Storonsky, Mike <mike.storonsky@stantec.com>
Sent: Thursday, June 4, 2020 5:45 PM
To: Caffoe, Todd (DEC) <todd.caffoe@dec.ny.gov>
Cc: bob.mahoney@stantec.com <bob.mahoney@stantec.com>; Best, Laura <Laura.Best@stantec.com>
Subject: RE: Ward Street - Urgent Water Service Replacement

Todd,

Here are several photos of the area in question at Ward Street. The area that is expected to be excavated inside the building is 3x3x8 ft.

Please let us know if you have any questions.

Thanks,
Mike

Michael P. Storonsky
Managing Principal, Environmental Services

Mobile: 585 298-2386
mike.storonsky@stantec.com

Stantec

From: Storonsky, Mike
Sent: Thursday, June 4, 2020 11:01 AM
To: Caffoe, Todd (DEC) (todd.caffoe@dec.ny.gov) <todd.caffoe@dec.ny.gov>
Subject: Ward Street - Urgent Water Service Replacement
Importance: High

Todd,

I hope all is well with you and your family.

I just left you a voice mail message in the office. Would you have a few minutes to discuss the need to get approval to proceed with a small excavation at 392 St. Paul Street which is part of the Ward Street Site?

The city of Rochester is replacing the water main in St. Paul, and it was determined that the service coming into this building, which is the northern most contiguous building adjoining the Building B Annex, needs to be replaced (see attached ALTA survey). The contractor tried to pull a permit but was informed by the city they need to complete the attached permit.

It is estimated the excavation inside the building will be about 3 ft. long, but will be about 8 ft. deep to get under the footer. No impacts were identified in this area previously, but it is of course subject to the SMP. I was anticipating having an environmental monitor on-site with a PID, but was proposing if possible to avoid CAMP? One or two workers are normally about 10-12 ft. away, but the facility manager can have them not work in this area while the excavation is occurring. The contractor estimates one day for excavation, installation and backfill, and a second day for pouring a new floor. Excavated material would be temporarily staged on poly and what is not reusable, assuming no evidence of impacts are noted, would be returned to the excavation. Leftover material would be covered with poly and staged

outside for sampling as needed. At present the building is hooked up to a fire hydrant for water so Germanow-Simon is anxious to get this done.

Please give me a call at 298-2386 at any of the following times today: till 11:45, 1-2, 2:30-3, and after 4.

Thanks,
Mike

Michael P. Storonsky
Managing Principal, Environmental Services

Mobile: 585 298-2386
mike.storonsky@stantec.com

Stantec

APPENDIX C

Permit Applications/Permits

CITY OF ROCHESTER, NEW YORK

PLUMBING PERMIT

NEIGHBORHOOD & BUSINESS DEVELOPMENT
CITY HALL - 30 CHURCH ST - ROOM 121B
ROCHESTER, NY 14614 585-428-6526

ADAM 428-7745

WORK LOCATION:	0388 ST PAUL ST			**DATE:** 06/18/20
OWNER NAME:	GERMANOW-SIMON CORPO	585 732-0202		
CONTRACTOR NAME:	ANDY PRESTIGIACOMO	585 723-9000		**PERMIT #:** 1202427
ARCH./ENG. NAME:		585 000-0000		
APPLICANT NAME:	ANDY PRESTIGIACOMO	585 723-9000		**CERTIFICATE**
APPLICANT ADDRESS:	1195 RIDGEWAY AV	ROCHESTER	NY 14615	**OF OCCUPANCY:**

PERMIT DESCRIPTION: **THIS PERMIT DOES NOT LEGALIZE USE**
PLUMBING:NEW WATER SERVICE FOR MANUFACTURING SITE

COST ESTIMATE: 4,000

PERMIT FEE:

Base pmt fee	115.00
Penalty fee	0.00
Stop work fee	0.00
TOTAL	115.00

PROPOSED WORK: WATER SERVICE NEW

TYPE	UNITS	TYPE	UNITS	TYPE	UNITS	TYPE	UNITS	TYPE	UNITS
WATER SERVICE	001								

CERTIFICATION: **I am the owner/contractor authorized to make this application.**

Applicant Signature See attached **Date** _____

FEE PAID:

6/19/2020
#1641
$70

APPROVALS:

CMB

Plumbing **Date**

D.E.S. **Date**

Real Estate **Date**

PERMITP PS

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request for Building Permit-Environmental Easement Review

ECL ARTICLE 71 / TITLE 36

Section I. Contact Information

LOCAL GOVERNMENT City of Rochester		CONTACT PERSON Joe Biondolillo	
ADDRESS 30 Church Street, Room 300B			
CITY/TOWN Rochester		COUNTY Monroe	ZIP CODE 14614
PHONE (585) 428-7474	FAX	E-MAIL Joseph.Biondolillo@CityofRochester.(	
BUILDING PERMIT APPLICANT Germanow-Simon Corporation		CONTACT PERSON John Dole	
ADDRESS 408 St Paul Street			
CITY/TOWN Rochester		COUNTY Monroe	ZIP CODE 14605
PHONE (585) 732-0202	FAX	E-MAIL JDole@gsoptics.com	

Section II. Property Information Summary

DEC SITE NAME Ward Street Site		DEC SITE ID No. C828117
ADDRESS 408 St. Paul Street		
CITY/TOWN Rochester	COUNTY Monroe	ZIP CODE 14605

Section III. Proposed Project Description

Please describe the work proposed under the building permit (provide attachments as necessary) including:

- the purpose and scope of the project (narrative description including and drawings as needed to fully describe project)
- explanation of how the proposed activities are consistent with or may impact the Environmental Easement (provided by building permit applicant).

An emergency water supply pipe replacement is required to connect the facility to the City of Rochester water main on St. Paul. St. The work will require a small (approx. 3 x 3 ft.) excavation inside the site building to a depth of 8 ft. to allow installation of a new pipe beneath the building footing. The excavation location is not in a known source area. The excavation will not extend to groundwater. Excavation work outside the building in the sidewalk is outside the BCP site limits (see attached ALTA Survey dwg) . Todd Caffoe of NYSDEC Region 8 has been contacted and he has approved the approach (see attached email). An environmental professional will be on site during the interior excavation work to monitor for VOC presence with a photoionization detector. In the absence of indications of contamination, the excavated material will be returned to the excavation, and the concrete floor slab will be replaced. Any excess soil (or apparently-impacted soil, if encountered) will be stockpiled, tested prior to offsite disposal, and the results shared with Region 8.

This work is consistent with the Environmental Easement and will not have any impact to site engineering Engineering Controls. A summary of

Submittal Information

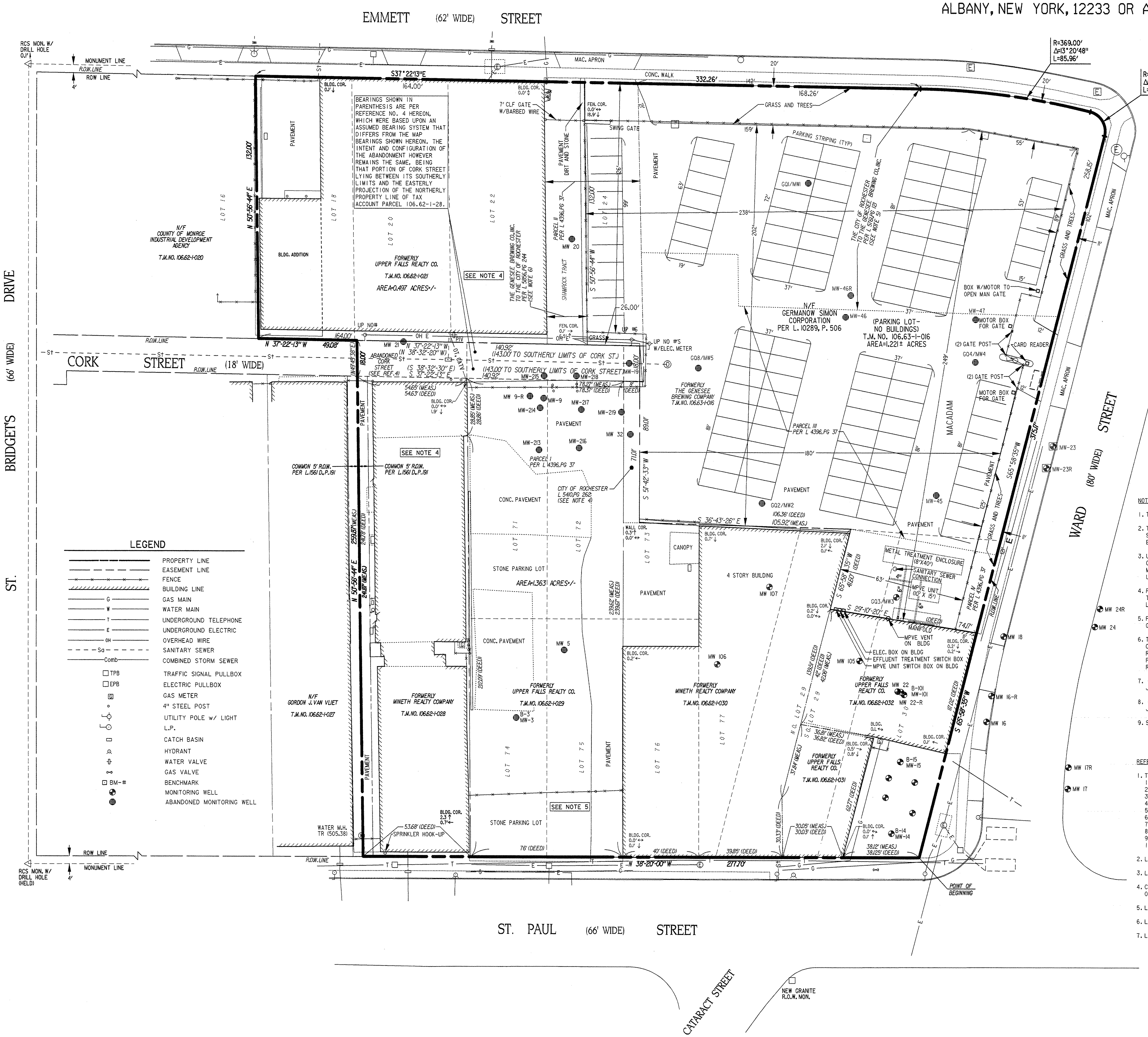
One (1) copy of this request form and all attachments (must be submitted as an electronic copy in Portable Document Format (PDF) via email (if less than 25 MB) or on CD/DVD diskette) to:

Chief, Site Control Section
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7020
518-402-9553
derweb@gw.dec.state.ny.us

Ver. 6/1/2007

ENVIRONMENTAL EASEMENT DESCRIPTION
N.Y.S. BROWNFIELD CLEANUP PROGRAM
WARD ST. SITE NO. C828117 & 8-28 WARD ST. SITE NO. C828136

THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN THE SITE MANAGEMENT PLANS (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NEW YORK, 12233 OR AT DERWEB@GW.DEC.STATE.NY.US.



FEET 0 20 40 60 FEET
SCALE BAR

LANDS COMPRISING N.Y.S. BROWNFIELD CLEANUP PROGRAM WARD STREET SITE NO. C828117 & 8-28 WARD STREET SITE NO. C828136.

DESCRIPTION OF LANDS DESIGNATED AS TAX MAP PARCELS 106.62-1-028, 106.62-1-029, 106.62-1-030, 106.62-1-031 AND 106.62-1-032 BEING 376, 384, 388-392, 398 AND 408 ST. PAUL STREET; LANDS DESIGNATED AS TAX MAP PARCEL 106.62-1-021 BEING 19-23 EMMETT STREET; LANDS DESIGNATED AS TAX MAP PARCEL 106.63-1-016 BEING 8-28 WARD STREET, AND THE ABANDONED PORTION OF CORK STREET.

All that tract or parcel of land containing 3.081 acres, more or less, situate in the City of Rochester, County of Monroe, State of New York, all as shown on a map entitled "Germanow-Simon, ALTA/ACSM Land Title Survey" prepared by Stantec Consulting Services, Inc., dated November 9, 2011, having Drawing No. 190500014 V-3 and being more particularly bounded and described as follows:

Beginning at a point on the southeasterly right-of-way line of St. Paul Street (66 feet wide), said point being at the intersection with the northeasterly right-of-way line of Ward Street (80' wide); thence

1. N 38°20'00" W, along said southeasterly right-of-way line, a distance of 277.70 feet to a point of intersection with the common line dividing lands now or formerly of Gordon J. Van Vliet (Tax Map No. 106.62-1-027) to the northwest and lands formerly of Mineth Realty Company (Tax 106.62-1-028) to the southeast; thence

2. N 50°56'44" E, along said common line, a distance of 241.87 feet to a point of intersection with the northwesterly right-of-way line of Cork Street (18 feet wide); thence

3. N 50°56'44" E, along the southeasterly end of remaining Cork Street, the southeasterly portion of which was abandoned per City of Rochester Ordinance No. 2011-275, a distance of 18.00 feet; thence

4. N 37°22'13" W, along the remaining existing right-of-way line of Cork Street, a distance of 49.08 feet to a point of intersection with the common line dividing lands of the County of Monroe Industrial Development Agency (Tax Map No. 106.62-1-020) on the northwest and the former lands of Upper Falls Realty Co. (Tax Map No. 106.62-1-021) on the southeast; thence

5. N 50°56'44" E, along said common line, a distance of 132.00 feet to a point on the northwesterly right-of-way line of Emmett Street (62 feet wide), thence

6. S 37°22'13" E, along the said northwesterly right-of-way line of Emmett Street, a distance of 332.26 feet to a point of curvature; thence

7. Southeasterly, continuing along the said northwesterly right-of-way line of Emmett Street, along a curve to the right, having a radius of 369.00 feet, through a central angle of 13°20'48", a distance of 85.96 feet to a point of compound curvature; thence

8. Southeasterly, continuing along the said northwesterly right-of-way line of Emmett Street, along a curve to the right, having a radius of 10.00 feet, through a central angle of 90°00'00", a distance of 15.71 feet to a point of tangency on the aforementioned northeasterly right-of-way line of Ward Street; thence

9. S 65°58'35" W, along the said northeasterly right-of-way line, a distance of 375.17 feet to the Point of Beginning.

NOTES:

1. THE HORIZONTAL DATUM SHOWN HEREON IS TIED TO THE CITY OF ROCHESTER SURVEY DATUM.

2. THE VERTICAL DATUM SHOWN HEREON IS REFERENCED TO RTS MONUMENT LOCATED ON THE WESTERLY SIDE OF ST. PAUL STREET AT THE EXTENSION OF THE SOUTHERLY R.O.W. OF GORHAM STREET, ELEVATION = 499.93'.

3. UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM FIELD LOCATIONS AND/OR UTILITY COMPANY RECORD PLANS. GAS AND ELECTRIC UTILITY PLANS WERE NOT AVAILABLE AT THE TIME OF MAPPING. THE LOCATION OF ALL UNDERGROUND UTILITIES SHOULD BE STAKED BY THE RESPECTIVE UTILITY COMPANY PRIOR TO ANY CONSTRUCTION.

4. PROPERTIES IDENTIFIED WITH TAX MAP NO. 106.62-1-021 AND NO. 106.62-1-028 ARE SUBJECT TO AN EASEMENT TO ROCHESTER GAS AND ELECTRIC CORPORATION TO ERECT AND MAINTAIN A 2" STEAM LINE PER LIBER 1439 OF DEEDS AT PAGE 25.

5. PROPERTY IDENTIFIED WITH TAX MAP NO. 106.62-1-029 SUBJECT TO ACCESS RIGHTS OF GERMANOW-SIMON MACHINE COMPANY INC. TO USE LOADING DOCK (NO LIBER AVAILABLE.)

6. THE GENESEE BREWING CO., INC. TO THE CITY OF ROCHESTER PER LIBER 5410, PG 262 CONVEYANCE IS MADE AND ACCEPTED SUBJECT TO ALL EASEMENTS, COVENANTS AND RESTRICTIONS OF RECORD, AND TO RIGHTS OF GERMANON-SIMON MACHINE, INC., IF ANY, TO USE A PORTION OF THIS PARCEL FOR ACCESS TO GRANTOR'S LOADING DOCK ON LOTS 76 AND 77, TOGETHER WITH ALL ITS RIGHT, TITLE AND INTEREST IN AND TO ANY STREETS OR ALLEYS ADJOINING OR ABUTTING THEREON.

7. CONVEYANCE PER ORDINANCE NO. 79-269 ADOPTED BY THE COUNCIL OF THE CITY OF ROCHESTER ON JUNE 12, 1979. SEE COVENANTS AND CONDITIONS THEREIN.

8. CONVEYANCE PER ORDINANCE NO. 80-156 APPROVED BY THE COUNCIL OF THE CITY OF ROCHESTER ON JULY 2, 1980.

9. SURFACE AREAS:

CALCULATED AREA OF PAVED SURFACES	127,089±SQ.FT.	(2.918±AC.)
CALCULATED AREA OF VEGETATIVE COVERS AND GRASSED AREAS	7,098± SQ.FT.	(0.163± AC.)
TOTAL SITE (ENVIRONMENTAL EASEMENT) AREA	134,187±SQ.FT.	(3.081±AC.)

REFERENCES:

1. THE FOLLOWING TITLE ABSTRACTS WERE USED TO HELP ESTABLISH THE BOUNDARY:
   1) MONROE TITLE INSURANCE CORPORATION TITLE ABSTRACT NO. 71750A, DATED MARCH 9, 1998.
   2) ABSTRACT TITLE & MORTGAGE CORPORATION TITLE ABSTRACT NO. 5409A, LAST DATED OCTOBER 1, 1936.
   3) MONROE ABSTRACT & TITLE CORPORATION TITLE ABSTRACT NO. 48836, DATED AUGUST 23, 1966.
   4) MONROE ABSTRACT & TITLE CORPORATION TITLE ABSTRACT NO. 68654, LAST DATED MAY 22, 1967.
   5) ROCHESTER TITLE INSURANCE COMPANY TITLE ABSTRACT NO. 473, LAST DATED DECEMBER 18, 1930.
   6) MONROE ABSTRACT & TITLE CORPORATION TITLE ABSTRACT NO. 77615-1, DATED OCTOBER 28, 1965.
   7) MONROE ABSTRACT & TITLE CORPORATION TITLE ABSTRACT NO. 63007, LAST DATED DECEMBER 22, 1967.
   8) MONROE ABSTRACT & TITLE CORPORATION TITLE ABSTRACT NO. 62107, LAST DATED NOVEMBER 9, 1971.
   9) ABSTRACT TITLE & MORTGAGE CORPORATION TITLE ABSTRACT NO. 5560A, LAST DATED NOVEMBER 20, 1945.
   10) MONROE TITLE INSURANCE CORPORATION TITLE ABSTRACT NO. 128434, DATED JULY 3, 2008.
2. LIBER 9116 OF DEEDS AT PAGE 277.
3. LIBER 9116 OF DEEDS AT PAGE 284.
4. CITY OF ROCHESTER CERTIFIED ORDINANCE NO. 2011-275, APPROVED AUGUST 17, 2011, ABANDONMENT OF A PORTION OF CORK STREET.
5. LIBER 10235 DEEDS; PAGE 666
6. LIBER 10235 DEEDS; PAGE 660
7. LIBER 10289 DEEDS; PAGE 506

CERTIFICATION:

WE, STANTEC CONSULTING SERVICES INC., CERTIFY TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION; GERMANOW-SIMON CORPORATION: THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2011 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 4, 7(A), 8, 9, 10, 11(A), 13, 14, AND 16 OF TABLE A THEREOF. FIELD WORK WAS COMPLETED ON AUGUST 23, 2011.

BY: *Robert A. Vento* DATE: 2/10/12
ROBERT A. VENTO, N.Y.S.P.L.S. NO. 49701

6			
5			
4			
3			
2	DESIGNATED MONITORING WELLS AS ABANDONED	12/9/11	MJG
1	ADDED REFERENCE BEARNGS TO ABANDONMENT PARCEL	12/9/11	MJG
0	REVISIONS	DATE	BY

PROJECT ENGINEER/ARCHITECT R. VENTO
PROJECT MANAGER M. STORONSKY
DRAWN BY M. GRASSO
SCALE 1" = 20'
FIRST ISSUE DATE 11/09/2011

STATE OF NEW YORK · ROBERT A. VENTO · 49701 · LICENSED LAND SURVEYOR

Stantec
61 Commercial Street
Rochester, N.Y. 14614
Tel:(585) 475-1440
Fax:(585) 272-1814
www.stantec.com

PROJECT GERMANOW-SIMON
N.Y.S BROWNFIELD CLEANUP PROGRAM
WARD STREET SITE NO. C828117 &
8-28 WARD STREET SITE NO. C828136
COUNTY OF MONROE, STATE OF NEW YORK

TITLE OF DRAWING A.L.T.A./A.C.S.M. LAND TITLE SURVEY

PROJECT NO. 190500014
DRAWING NO. V-3

Mahoney, Robert

Subject: RE: Ward Street - Urgent Water Service Replacement

From: Caffoe, Todd (DEC) <todd.caffoe@dec.ny.gov>
Sent: Friday, June 5, 2020 7:40 AM
To: Storonsky, Mike <mike.storonsky@stantec.com>
Cc: Pratt, David (DEC) <david.pratt@dec.ny.gov>
Subject: Re: Ward Street - Urgent Water Service Replacement

As stated in our telephone conversation yesterday, you are approved to proceed with the proposed actions for the water service replacement. The are of excavation is not within a known source area. Since the work will be performed inside the building, worker health and safety monitoring will be required; however, the CAMP will not be required.

As we discussed, this activity can be documented with the next periodic review report. Please let me know if you or the City of Rochester personnel need any additional information. Please keep me posted of the work schedule.

Thank you.

-Todd

Due to the COVID-19 Health Crisis, I will be working from home until further notice. Please e-mail if you need to reach me right away.

Todd M. Caffoe, P.E.
Division of Environmental Remediation
New York State Department of Environmental Conservation
6274 East Avon-Lima Road, Avon, NY 14414
P: (585) 226-5350 |Todd.Caffoe@dec.ny.gov

From: Storonsky, Mike <mike.storonsky@stantec.com>
Sent: Thursday, June 4, 2020 5:45 PM
To: Caffoe, Todd (DEC) <todd.caffoe@dec.ny.gov>
Cc: bob.mahoney@stantec.com <bob.mahoney@stantec.com>; Best, Laura <Laura.Best@stantec.com>
Subject: RE: Ward Street - Urgent Water Service Replacement

Todd,

Here are several photos of the area in question at Ward Street. The area that is expected to be excavated inside the building is 3x3x8 ft.

Please let us know if you have any questions.

Thanks,

Mike

Michael P. Storonsky
Managing Principal, Environmental Services
Mobile: 585 298-2386
mike.storonsky@stantec.com

Stantec

From: Storonsky, Mike
Sent: Thursday, June 4, 2020 11:01 AM
To: Caffoe, Todd (DEC) (todd.caffoe@dec.ny.gov) <todd.caffoe@dec.ny.gov>
Subject: Ward Street - Urgent Water Service Replacement
Importance: High

Todd,

I hope all is well with you and your family.

I just left you a voice mail message in the office. Would you have a few minutes to discuss the need to get approval to proceed with a small excavation at 392 St. Paul Street which is part of the Ward Street Site?

The city of Rochester is replacing the water main in St. Paul, and it was determined that the service coming into this building, which is the northern most contiguous building adjoining the Building B Annex, needs to be replaced (see attached ALTA survey). The contractor tried to pull a permit but was informed by the city they need to complete the attached permit.

It is estimated the excavation inside the building will be about 3 ft. long, but will be about 8 ft. deep to get under the footer. No impacts were identified in this area previously, but it is of course subject to the SMP. I was anticipating having an environmental monitor on-site with a PID, but was proposing if possible to avoid CAMP? One or two workers are normally about 10-12 ft. away, but the facility manager can have them not work in this area while the excavation is occurring. The contractor estimates one day for excavation, installation and backfill, and a second day for pouring a new floor. Excavated material would be temporarily staged on poly and what is not reusable, assuming no evidence of impacts are noted, would be returned to the excavation. Leftover material would be covered with poly and staged outside for sampling as needed. At present the building is hooked up to a fire hydrant for water so Germanow-Simon is anxious to get this done.

Please give me a call at 298-2386 at any of the following times today: till 11:45, 1-2, 2:30-3, and after 4.

Thanks,
Mike

Michael P. Storonsky
Managing Principal, Environmental Services
Mobile: 585 298-2386
mike.storonsky@stantec.com

Stantec