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February 10, 2021

Daniel McNally
NYS Dept. of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau B, 625 Broadway, 12th Floor
Albany, NY 12233-7016

**RE: Quarterly Progress Report on Project Activities (Third and Fourth Quarter 2020)
Former Norton/Nashua Tape Products Facility
(July 1 through December 31, 2020)
2600 Seventh Avenue, Watervliet, New York
NYSDEC Order on Consent Index No. CO: 4-20001205-3375 (amended on January
10, 2019)**

Dear Mr. McNally:

In accordance with the August 2019 *Site Management Plan (SMP)*, Forensic Environmental Services, Inc. (FES), on behalf of Saint-Gobain Corporation (SGC), submits this Quarterly Progress Report for ongoing project activities at the Former Norton/Nashua Tape Products Facility in Watervliet, New York. Based on your December 14, 2020 electronic mail correspondence, the Third and Fourth Quarter 2020 sampling and remedial activities conducted at the site were combined into one (semi-annual) report. Activities performed during the reporting period (July 1 through December 31, 2020) included: 1) two post-In-Situ Chemical Oxidation (ISCO) groundwater sampling events (July and August 2020); 2) semi-annual groundwater sampling at monitoring wells MW-12, MW-15R, and MP-39; 3) two Enhanced Fluid Recovery (EFR) events (November and December 2020); and 4) enhanced bio-remediation (EB) activities. Activities planned for 2021 are also presented below.

Groundwater Sampling and Gauging Activities (July 2020)

The initial 2020 post-ISCO groundwater sampling event was conducted on July 13 and 14, 2020 and included monitoring wells MW-22, MW-27, MW-28, MP-24, MP-25, MP-26, MP-27, MP-29, and MP-37. In addition, semi-annual monitoring wells MW-12 and MP-39, as well as MW-27 were also sampled during the July 2020 event. Groundwater sampling locations and analytical results are presented in Figure 1 and Table 1. Groundwater and associated Quality Assurance/Quality Control (QA/QC) samples collected during the July 2020 sampling event were submitted to ALS Group USA, Corp (ALS) of Rochester, New York for analysis of Volatile Organic Compounds (VOCs) plus heptane. The final (Category B Deliverables) report was submitted to DataVal, Inc. for third-party validation on August 6, 2020 and the validated sampling results will be uploaded to the NYSDEC EQUIS database upon review of the validated report.

A total of 12 individual VOCs were present at detectable concentrations in one or more monitoring wells during the July 2020 sampling event including: benzene, bromodichloromethane, 2-butanone, chlorobenzene, chloroform, cyclohexane, ethylbenzene, methylcyclohexane, toluene, heptane, xylenes, and 4-methyl-2-pentanone (methyl isobutyl ketone [MIBK]) (see Table 1). Toluene exceeded the applicable groundwater standard (5 micrograms per liter [$\mu\text{g/L}$]) in all monitoring wells with concentrations ranging from 11 $\mu\text{g/L}$ (MW-27) to 120,000 $\mu\text{g/L}$ (MW-28). The July 2020 sampling results are presented in Figure 1.

Following the May/June 2020 ISCO injection activities, detected toluene concentrations in monitoring wells located along the northern wall of Building #61 (MW-28, MP-25, MP-26, MP-27, and MP-29) in July 2020 ranged from 14,000 DJ $\mu\text{g/L}$ (MP-29) to 120,000 J $\mu\text{g/L}$ (MW-28). While ISCO was not conducted in the northern portion of the site, the toluene concentration in MW-27 (see Figure 1) in July 2020 decreased to 11 $\mu\text{g/L}$, which approached a historical low. With respect to the Building #58 ISCO injection area, toluene was detected in monitoring well MP-37 at an estimated concentration of 7,500 $\mu\text{g/L}$. Groundwater sampling results are presented in Table 1. Groundwater concentration trends are presented below and plots of toluene concentrations in select wells over time are presented in Figures 4 through 13.

With respect to the semi-annual monitoring locations sampled in July 2020, which included downgradient monitoring well MW-12 and Durham Bus area well MP-39 (see Figure 1), toluene was detected at these locations at concentrations of 17 $\mu\text{g/L}$ and 3,500 $\mu\text{g/L}$, respectively, both of which exceeded the applicable groundwater standard (see Table 1). Historical trends at MP-39 are discussed below and presented graphically in Figure 12.

The depth to groundwater observed in on-site monitoring wells during the July 2020 groundwater sampling/gauging event ranged from 8.76 feet (MW-27) to 10.88 feet (MP-25), which is consistent with historical data. Light non-aqueous phase liquid (LNAPL) was not detected in any monitoring well.

Groundwater Sampling and Gauging Activities (August 2020)

The second post-ISCO groundwater sampling event was conducted on August 10 and 11, 2020 and included monitoring wells MW-22, MW-27, MW-28, MP-24, MP-25, MP-26, MP-27, MP-29, and MP-37, as well as semi-annual monitoring well MW-15R. Groundwater sampling locations and analytical results are presented in Table 1 and Figure 2. All samples collected during the August 2020 sampling event were submitted to ALS of Rochester, New York for analysis of VOCs plus heptane. The final (Category B Deliverables) report was submitted to DataVal, Inc. for third-party validation on August 27, 2020 and the validated sampling results will be uploaded to the NYSDEC EQIS database upon review of the validated report.

A total of 16 individual VOCs were present at detectable concentrations in one or more monitoring wells during the August 2020 sampling event including: acetone, benzene, bromodichloromethane, 2-butanone, carbon disulfide, chlorobenzene, chloroform, cis-1,2-dichloroethylene (cis-1,2-DCE), cyclohexane, ethylbenzene, isopropylbenzene, methylcyclohexane, toluene, heptane, xylenes, and 4-methyl-2-pentanone (methyl isobutyl ketone [MIBK]) (see Table 1). Toluene exceeded the applicable groundwater standard (5 $\mu\text{g/L}$) in 9 of the 10 wells sampled with detected concentrations ranging from 130 D $\mu\text{g/L}$ (MW-22) to 150,000 $\mu\text{g/L}$ (MW-28). The August 2020 sampling results are presented in Figure 2.

The toluene concentrations in monitoring wells located along the north wall of Building #61 in August 2020 (MP-24 through MP-27, MP-29, and MW-28) ranged from 9,500 µg/L (MP-24) to 150,000 D (MW-28). Toluene was also detected above NYSDEC groundwater criteria in MW-27, located in the northern portion of the site, at a concentration of 41,000 µg/L. With respect to the Building #58 ISCO treatment area, toluene was detected in MP-37 at a concentration of 55,000 D µg/L in August 2020 (see Table 1 and Figure 2). Groundwater sampling results are presented in Table 1. Groundwater concentration trends are presented below and plots of toluene concentrations in select wells over time are presented in Figures 4 through 13.

One semi-annual monitoring well (MW-15R) was also sampled on August 10, 2020 (see Figure 2). While toluene was detected in MW-15R during the previous (November 2019) sampling at a concentration of 28 µg/L, no VOCs were detected in MW-15R during the August 2020 event (see Table 1). Monitoring well MW-15R was also sampled as part of the annual event conducted in October 2020 (see below).

Consistent with prior well gauging data, the depth to groundwater observed in on-site monitoring wells during the August 2020 groundwater sampling/gauging event ranged from 7.77 feet (MW-27) to 9.34 feet (MP-29). LNAPL was not detected in any monitoring well.

Groundwater Sampling Results (October 2020) – Pre-EFR and Semi-Annual/Annual Events

On October 12 and 13, 2020, a pre-EFR sampling event was conducted, which included monitoring wells MW-27, MW-28, MP-25, MP-26, MP-27, MP-29, MP-37, and MP-39. The October 2020 event also included semi-annual monitoring wells MW-12 and MW-15R, as well as off-site (annual) sampling locations MP-6, MP-14, MP-17, MP-19, MP-22, MW-18, and MW-19. Groundwater sampling locations and analytical results are presented in Figure 3 and Table 1. Groundwater and associated QA/QC samples were submitted to ALS Group USA, Corp (ALS) of Rochester, New York for analysis of VOCs plus heptane. The final laboratory data package will be submitted to DataVal, Inc. for third-party validation upon receipt and the validated sampling results will be subsequently uploaded to the NYSDEC EQuIS database.

A total of 13 individual VOCs were present at detectable concentrations in one or more monitoring wells during the October 2020 sampling event including: acetone, benzene, chloroform, cyclohexane, ethylbenzene, methylcyclohexane, toluene, heptane, xylenes, chloromethane, 4-methyl-2-pentanone (MIBK), carbon disulfide, and cis-1,2-DCE (see Table 1). Toluene exceeded the applicable groundwater standard (5 µg/L) in 8 of the 10 (on-site) monitoring wells at concentrations ranging from 140 µg/L (MW-27) to 130,000 µg/L (MW-28). A map depicting the current (October 2020) dissolved-phase toluene plume is presented in Figure 3.

The toluene concentrations in monitoring wells located along the north wall of Building #61 in October 2020 (MP-25 through MP-27, MP-29, and MW-28) ranged from 16,000 µg/L (MP-29) to 130,000 D (MP-26). Toluene was also detected above NYSDEC groundwater criteria in MW-27, located in the northern portion of the site, at a concentration of 140 µg/L. With respect to the Building #58 ISCO treatment area, toluene was detected in MP-37 at a concentration of 17,000 D µg/L in August 2020 (see Table 1 and Figure 2). Groundwater sampling results are presented in Table 1. Groundwater concentration trends are presented below

and plots of toluene concentrations in select wells over time are presented in Figures 4 through 13.

As stated above, three additional downgradient monitoring wells (MW-12, MW-15R, and MP-39) were sampled in October 2020 as part of the annual sampling event for the site. Toluene was not detected in MW-12 or MW-15R but was present in MP-39, which is located in the Durham Bus area, at a concentration of 15,000 $\mu\text{g/L}$ (see Table 1 and Figure 12). Because toluene was above 10,000 $\mu\text{g/L}$, EFR was conducted at this location in December 2020 (see below).

The depth to groundwater observed in on-site monitoring wells during the October 2020 groundwater sampling/gauging event ranged from 8.75 feet (MW-27) to 10.28 feet (MP-37), which is consistent with historical data. LNAPL was not detected in any monitoring well.

With respect to off-site sampling, toluene was detected below the NYSDEC standard in monitoring wells MW-19 and MP-14 at low, estimated concentrations of 0.85 $\mu\text{g/L}$ and 0.22 $\mu\text{g/L}$, respectively (see Table 1 and Figure 3). Two additional VOCs (methylcyclohexane and chloromethane) detected in one or more off-site monitoring wells, all of which were “J-qualified”, estimated concentrations (see Table 1). The depth to groundwater observed in off-site monitoring wells during the October 2020 groundwater sampling/gauging event ranged from 7.64 feet (MW-18) to 9.79 feet (MP-2), which is also consistent with historical data. LNAPL has never been detected in any off-site monitoring well.

Toluene Concentration Trends for Key Wells

An evaluation of current and historical groundwater trends at the site indicates the dissolved-phase toluene plume has decreased in both aerial extent and magnitude over time as a result of EFR, ISCO, and EB activities, as well as intrinsic biological degradation. While toluene concentrations have been variable in select monitoring wells in response to remedial activities, as well as seasonal variations in water table elevations, concentrations have been significantly reduced in many locations. Plots of toluene concentrations in select wells over time are presented in Figures 4 through 13.

A total of 25 EFR events, multiple rounds of ISCO, EB, as well as soil excavation have been conducted proximal to monitoring well MW-27 in the northern portion of the site (see Figure 1). Although variable at times and with additional influence from ISCO, EFR, and EB activities, toluene concentrations in MW-27 exhibit an overall decreasing trend with a historical low of 2.6 $\mu\text{g/L}$ observed in September 2019 (see Table 1 and Figure 5). Although the toluene concentration in MW-27 rebounded in August 2020 (41,000 $\mu\text{g/L}$), the current (October 2020) concentration (140 $\mu\text{g/L}$) is significantly below historical maximums (see Figure 5). EB activities will continue to be conducted in the vicinity of MW-27 in accordance with the *SMP*. Furthermore, in the event toluene concentrations increase above 10,000 $\mu\text{g/L}$, additional EFR and ISCO activities will be conducted at MW-27, as necessary.

Toluene concentrations in monitoring wells located along the northern wall of Building #61 (MW-28, MP-24 through MP-27, and MP-29) exhibit a higher degree of variability and have persisted above 10,000 µg/L in several locations (see Figures 6 through 11). However, monitoring wells MP-24 through MP-27 have exhibited generally decreasing trends since mid- to late-2017 in response to ISCO, EFR, and EB activities. Toluene concentrations in monitoring well MP-29 increased from a historical low of 37 µg/L in September 2018 to 16,000 µg/L in October 2020 (as a function of desorption following the ISCO event) but remain below the historical maximum of 42,000 µg/L observed in October 2015 (see Figure 11). As described below, ISCO, EFR, and EB will continue in all areas exhibiting toluene concentrations above 10,000 µg/L in accordance with the *SMP*.

Due to the observed toluene concentrations in monitoring well MP-39, which is located in the Durham Bus area, in November 2017 (29,000 µg/L) and October 2020 (15,000 µg/L), EFR events were conducted on this well on February 28, 2018 and December 9, 2020 (see Figure 12). Should groundwater quality monitoring data demonstrate that toluene concentrations exceed 10,000 µg/L in well MP-39, additional EFR activities will be conducted at this location in accordance with the *SMP*.

With respect to monitoring well MP-37, which is located in the northern portion of Building #58 and immediately west, and at the termination point, of the former solvent lines (see Figure 1), multiple rounds of ISCO, a total of 35 EFR events, as well as EB activities have been conducted in the vicinity of MW-37 from December 2011 to October 2020 (see Figure 13). In response to these remedial activities, toluene concentrations in MP-37 have decreased from a historical maximum of 190,000 µg/L (October 2011) to a historical low of 7,500 µg/L in July 2020 (see Figure 13). Per the *SMP*, ISCO, EFR, and EB activities are planned for the MP-37 are in 2021 (see below).

Data Validation and Electronic Data Deliverables (Equis) Submittals

Per NYSDEC requirements, all final laboratory analytical data packages are submitted to DataVal, Inc. of Fayetteville, New York for third-party validation upon receipt. Validated sampling results are then uploaded to the NYSDEC EQUIS database. A review of the data validation report for the groundwater samples collected in July 2020 (SDG R2006172) indicated that the analytical results for several samples (selected analytes) were rejected by the data validator due to the presence of headspace (air bubbles) in the sample vials. These samples were collected approximately 6 weeks after the completion of ISCO activities; therefore, the presence of air bubbles in selected samples is likely due to residual (unconsumed) ISCO reagents (i.e., hydrogen peroxide, sodium persulfate, and/or chelated iron catalyst) or residual EB nutrients (nitrate and phosphate) present in the well at the time of sample collection. Visual effervescence in selected samples proximal to ISCO treatment areas has historically been noted during sampling.

In samples where headspace was identified, the negative (non-detect) results have been rejected; however, positive results (i.e., toluene) were J-qualified and have been deemed “technically defensible” by the data validator. The validated sampling results for the July and August 2020 sampling events are reflected in Table 1.

In order to address the presence of headspace, groundwater samples from select monitoring wells in August and October 2020 were collected in unpreserved bottles (Note: all unpreserved samples were received and extracted by the laboratory within the requisite 7-day holding time). Although headspace was identified in the Field Blank, as well as the (laboratory-prepared) Trip Blank in the August 2020 Sample Delivery Group, none of the groundwater samples collected in August or October 2020 contained headspace at the time of sample collection or upon receipt by the laboratory. During future sampling events, groundwater samples from monitoring wells located in areas where active remediation is being conducted (i.e., ISCO, enhanced bioremediation, and/or EFR) will be collected in unpreserved bottles. Off-site and downgradient monitoring wells (i.e., outside of active remediation areas) will continue to be collected in HCL-preserved bottles.

Enhanced Fluid Recovery (EFR) Activities (November 2020)

Due to the imposed social distancing restrictions associated with the COVID-19 coronavirus outbreak, EFR activities were not conducted during the First or Second Quarter 2020 and were postponed until November 2020 to allow site conditions to stabilize (and reagents to be consumed) subsequent to the June 2020 ISCO activities. The initial (2020) EFR event was conducted at the site on November 3 and 4, 2020 and included monitoring wells MP-25, MP-26, MP-37, MW-27, and MW-28 (see Tables 2 and 3 and Figure 14). Based on the August 2020 sampling results, EFR was also planned for monitoring wells MP-27 and MP-29 during the November event; however, due to scheduling and logistical issues with the subcontractor (Tradebe), as well as unscheduled fire drill activities at the site, there was insufficient time to conduct EFR at all proposed locations.

The November 2020 EFR activities consisted of the following, with the EFR duration and volume of groundwater removed noted in brackets: MP-25 (~1.5 hours; 47 gallons removed); MP-26 (~2.2 hours; 131 gallons removed); MP-37 (~2.3 hours; 813 gallons removed); MW-27 (~1.6 hours; 470 gallons removed); and MW-28 (~2.5 hours; 361 gallons removed). EFR extraction times were based on the dissolved-phase toluene concentrations observed in August 2020, as well as observed groundwater recovery rates. In addition, EFR wells were rotated to avoid potentially inducing movement of the toluene plume to less impacted areas of the site. Applied vacuum on EFR wells ranged from 19 inches of mercury (in/Hg) to 24 in/Hg. The November 2020 EFR activities are summarized in Tables 2 and 3. Copies of the EFR waste manifests (total approximately 1,822 gallons of groundwater), are included in Attachment 1. Based on the volume of water removed from each EFR well and the October 2020 groundwater sampling results, approximately 0.76 pounds of aqueous-phase toluene mass was removed during the November 2020 EFR event (see Table 4).

With respect to vapor-phase mass removal, utilizing average pre- and post-EFR volatile headspace (photoionization detector [PID]) readings from extraction wells and an estimated flow rate of 558 cubic feet per minute (cfm), an estimated 3.1 pounds of vapor phase toluene mass was removed during EFR activities (see Table 5).

Enhanced Fluid Recovery (EFR) Activities (December 2020)

A second EFR event was conducted at the site on December 8 and 9, 2020 and included monitoring wells MP-24, MP-25, MP-26, MP-27, MP-29, MP-37, MP-39, and MW-28 (see Tables 6 and 7 and Figure 14). EFR wells and extraction times were based on the August and October 2020 sampling event results.

The December 2020 EFR activities consisted of the following, with the EFR duration and volume of groundwater removed noted in brackets: MP-24 (~1.1 hours; 120 gallons removed); MP-25 (~1.3 hours; 263 gallons removed); MP-26 (~1.8 hours; 165 gallons removed); MP-27 (~1.7 hours; 48 gallons removed); MP-29 (~0.9 hours; 67 gallons removed); MP-37 (~1.1 hours; 435 gallons removed); MP-39 (~0.83 hours; 35 gallons removed); and MW-28 (~2.6 hours; 415 gallons removed). EFR extraction times were based on the dissolved-phase toluene concentrations observed in August/October 2020, as well as observed groundwater recovery rates. Similar to previous events, EFR wells were rotated to avoid potentially inducing movement of the toluene plume to less impacted areas of the site. Applied vacuum on EFR wells ranged from 14 inches in/Hg to 19 in/Hg. The December 2020 EFR activities are summarized in Tables 6 and 7. Copies of the EFR waste manifests (total approximately 1,548 gallons of groundwater), are included in Attachment 1. Based on the volume of water removed from each EFR well and the October 2020 groundwater sampling results, approximately 0.92 pounds of aqueous-phase toluene mass was removed during the December 2020 EFR event (see Table 8).

With respect to vapor-phase mass removal, utilizing average pre- and post-EFR volatile headspace PID readings from extraction wells and an estimated flow rate of 558 cfm, an estimated 9.4 pounds of vapor phase toluene mass was removed during EFR activities (see Table 9).

Groundwater Bio-Supplementation Activities

As stated above, site activities were postponed during the first several months of 2020 due to the COVID-19 outbreak. Groundwater bio-supplementation activities were also postponed following ISCO injection activities in June 2020 in order to allow for the injected reagents to be consumed.

Field nitrate and phosphate levels were measured in October 2020 at nutrient dosing monitoring wells (MP-23, MP-24, MW-20, MW-26, and MW-37R). The locations of bio-supplementation wells are illustrated on Figure 14. Nitrate was detected in one dosing well (MP-23) on October 15, 2020 at a concentration of 1.0 milligram per liter (mg/L) (see Table 3). Phosphate was present in all monitoring wells at concentrations ranging from 15 mg/L (MP-26) to 35 mg/L (MP-24). Based on these data, wells MP-23, MP-24, MW-20, MW-26, and MW-37R were dosed with a nitrate solution consisting of approximately 100-200 grams of potassium nitrate dissolved in two gallons of potable-grade water (see Table 3).

Field nitrate and phosphate monitoring and corresponding nutrient dosing activities were also conducted prior and subsequent to EFR activities in November and December 2020 (see Tables 3 and 7). Nitrate was not detected in any dosing or EFR wells during these events and phosphate concentrations ranged from 5 mg/L to 30 mg/L during the November 2020 event and 10 to 30 mg/L during the December 2020 event. Based on these data, accessible dosing wells

were dosed with a nitrate solution as described above. Bio-supplementation (field monitoring and well dosing) activities will be conducted during the next scheduled site visit (see Table 6).

Cap Inspection Activities

On November 3, 2020 a site inspection was conducted to evaluate the condition of the engineering controls (i.e., asphalt and concrete caps) within the designated Environmental Easement (see Figure 15). A Cap System Inspection Form is presented in Attachment 2.

Observations made during the inspection indicated that the asphalt cap in the northern, exterior portion of the site (i.e., proximal to the former tank farm area) was in fair to good condition. Typical asphalt cracking/weathering was present within the Environmental Easement area; however, no significant cracks or breaches in the asphalt cap were identified. FES is currently soliciting bids to repave the exterior portion of the asphalt area north of Building #61 (within the Environmental Easement). Repaving activities will be scheduled subsequent to the completion of the ISCO injection activities tentatively scheduled for May/June 2021.

The concrete floor inside the active warehouse area in Buildings #58, #59, and #61 (i.e., within the Environmental Easement) was also observed to be in good condition and no significant cracks or breaches in the cap were identified. Some minor cracks and settling of previously-backfilled ISCO injection points were identified. Any former injection points requiring repairs will be addressed during the next scheduled site visit.

Planned Activities for 2021

Per the March 2017 Statement of Basis and the approved *SMP*, proposed activities at the site for 2021 include: 1) an ISCO event (including associated vapor intrusion sampling); 2) two EFR events; 3) continued bio-supplementation activities; 4) post-ISCO and semi-annual groundwater monitoring activities (including an expanded off-site event); 5) cap inspections and repair (as necessary) and 6) quarterly reporting. Additional details on proposed activities for 2021 are presented below. The current project implementation schedule is presented in Table 10.

ISCO Injection Activities

In accordance with the *SMP*, ISCO injection/treatment activities will be conducted in areas of the site exhibiting elevated toluene concentrations, which, based on the October 2020 sampling results, include: 1) Building #58 proximal to monitoring well MP-37; and 2) along the north wall of Building #61 (proximal to monitoring wells MP-24 through MP-27). The toluene concentration in monitoring well MW-27, located in the northern portion of the site, decreased to 140 µg/L in October 2020 (see Table 1 and Figure 3); therefore, ISCO is not currently proposed for this area. In the event toluene concentrations are detected above 10,000 µg/L in MW-27, ISCO and EFR will be conducted in this area in accordance with the *SMP*. ISCO activities are tentatively scheduled for May/June 2021 pending contractor availability.

In addition, ISCO-related vapor intrusion investigation sampling will be conducted during the second day of ISCO injection activities and will include sub-slab vapor point DB-VMP-2, as well as collection of a concurrent indoor air sample (DB-IA-2). An ambient outdoor air (OA-1) will also be collected. Vapor samples will be submitted to Accutest Laboratories of Dayton, New Jersey (Accutest) for analysis of VOCs via EPA Method TO-15 plus Tentatively Identified Compounds (TICs).

Enhanced Fluid Recovery (EFR) Activities

The next EFR event will be conducted in April/May 2021 and will include monitoring MP-25, MP-26, MP-27, MP-29, MP-37, MP-39, and MW-28, which exhibited dissolved toluene concentrations above 10,000 µg/L in October 2020 (see Table 1). In addition, all accessible groundwater monitoring wells within/proximal to the EFR locations will be gauged with an oil-water interface probe capable of detecting LNAPL. EFR locations and estimated extraction times are presented in Figure 14 and Table 11, respectively.

The second EFR event will be conducted during the Third or Fourth Quarter 2021. Target extraction wells will be determined based on the results of the post-ISCO groundwater sampling activities and will include all monitoring wells exhibiting toluene concentrations over 10,000 µg/L.

Groundwater Bio-Supplementation

With the exception of the post-ISCO remediation/equilibration period, bio-supplementation activities will be conducted during all regularly-scheduled site visits in 2021. Field nitrate/phosphate readings will be obtained from dosing wells (MP-23, MP-24, MW-20, MW-26, and MW-37R) and EFR wells (MP-25, MP-26, MP-27, MP-29, MP-37, and MW-28). Dosing and EFR wells are presented in Figure 14. Monitoring wells exhibiting nitrate concentrations less than 1 ppm and/or phosphate concentrations less than 0.5 ppm will be dosed with approximately 200-400 grams of potassium nitrate and/or a phosphate solution (diluted 12% phosphate Miracle-Gro®, or similar product) dissolved in several gallons of potable-grade water as necessary. Field readings and associated well dosing activities (if necessary) will also be conducted prior and subsequent to EFR activities (see below).

Groundwater Sampling Activities

Groundwater sampling activities for 2021 will be conducted in accordance with the *SMP*, and will include: 1) on-site ISCO/EFR/EB monitoring wells MP-24, MP-25, MP-26, MP-27, MP-29, MP-37, MW-22, MW-27, and MW-28; 2) on-site (semi-annual) monitoring wells MW-12, MW-15R, and MP-39; and 3) off-site (annual) monitoring wells MP-6, MP-14, MP-17, MP-19, MP-22, MW-18, and MW-19 (see Figures 16 and 17).

If you have any questions or comments regarding the information provided in this letter, please contact me or Thomas Maguire at (610) 594-3940.

Sincerely,

FORENSIC ENVIRONMENTAL SERVICES, INC.



Bryan J. Machella
Senior Project Manager

cc: James Smith, SGC
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TABLES

Table 1
Groundwater Analytical Data Summary - Volatile Organic Compounds (VOCs)
Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes	
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>		
ON-SITE MONITORING WELL/POINTS														
DGC-1	12/7/1989	<1	<1	<1	NA	<1	NA	<1	<1	<1	<1	<1	Refer to QA/QC qualifier for Heptane	
	11/9/1990	<10	<5	<5	NA	<5	NA	<5	<5	<5	<5	<5		
	12/7/1993	<10	<10	<10	NA	<10	NA	<10	<10	<10	<10	<10		
	11/1/2001	<10	<5	<5	<5	<5	<5	<5	<5	<5	ND*	<5		<5
	2/19/2004	<10	<5	<5	<5	<5	<5	<5	3 JB	<5	<10	<5		<5
DGC-2	12/7/1989	<1	<1	<1	NA	<1	NA	<1	<1	<1	<1	<1	Styrene - 1 JB µg/L Refer to QA/QC qualifier for Heptane	
	11/9/1990	<10	<5	<5	NA	<5	NA	<5	<5	<5	<5	<5		
	12/6/1993	<10	<10	<10	NA	<10	NA	<10	<10	<10	4 JB	<10		
	11/1/2001	<10	<5	<5	<5	<5	<5	<5	<5	<5	ND*	<5		<5
	2/19/2004	<10	<5	<5	<5	<5	<5	<5	3 JB	<5	<10	<5		<5
DGC-3	12/7/1989	<1	<1	<1	NA	<1	NA	<1	<1	<1	<1	<1		
	11/9/1990	<10	<5	<5	NA	<5	NA	<5	<5	<5	<5	<5		
	12/6/1993	<10	<10	<10	NA	<10	NA	<10	<10	<10	2 JB	<10		
	11/1/2001	not sampled - well destroyed												
DGC-4	12/7/1989	<1	<1	<1	NA	<1	NA	<1	<1	<1	<1	<1		
	11/9/1990	<10	<5	<5	NA	<5	NA	<5	<5	<5	<5	<5		
	12/7/1993	<10	<10	<10	NA	<10	NA	<10	<10	<10	<10	<10		
	11/1/2001	<10	<5	<5	<5	<5	<5	<5	NS	NS		NS		
	2/19/2004	<10	<5	<5	<5	<5	<5	<5	2 JB	<5	<10	<5		<5
DGC-5 (Dup.)	12/7/1989	<1	<1	<1	NA	<1	NA	<1	<1	<1	<1	<1	Refer to QA/QC qualifier for Heptane	
	11/9/1990	<10	<5	<5	NA	<5	NA	7	<5	<5	<5	<5		
	12/7/1993	<10	<10	<10	NA	<10	NA	<10	<10	<10	<10	<10		
	11/1/2001	<10	<5	<5	<5	<5	<5	<5	<5	<5	ND*	<5		<5
	2/19/2004	32	<5	<5	<5	<5	<5	<5	5 JB	<5	<10	<5		<5
	2/19/2004	<10	<5	<5	<5	<5	<5	<5	3 JB	<5	<10	<5		<5
	12/8/2011	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5		<5
well destroyed during 2010-2011 soil excavation activities														

Table 1
Groundwater Analytical Data Summary - Volatile Organic Compounds (VOCs)
Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
DGC-6	11/9/1990	BPQL	<2500	<2500	NA	<2500	NA	BPQL	35,000	<2500	<2500		Carbon disulfide - 1 J µg/L Refer to QA/QC qualifier for Heptane
	12/7/1993	<10	<10	<10	NA	<10	NA	<10	180	<10	<10		
	11/1/2001	<10	<5	<5	<5	<5	<5	<5	<5	ND*	<5	<5	
	2/20/2004	<10	<5	<5	<5	<5	<5	4 JB	<5	<10	<5	<5	
	6/16/2004	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
10/28/2004	<10	<10	<10	<10	<10	<10	6 J	<10	<10	<10	<10		
DGC-7	11/9/1990	BPQL	<500	<500	NA	<500	NA	BPQL	6,400	<500	<500		Refer to QA/QC qualifier for Heptane 4-Methyl-2-pentanone - 1 J µg/L
	12/7/1993	<10	<10	<10	NA	<10	NA	<10	2 J	<10	<10		
	11/1/2001	<10	<5	<5	<5	<5	<5	<5	150	ND*	<5	<5	
	2/18/2004	<10	<5	<5	<5	<5	<5	4 JB	<5	<10	<5	<5	
	6/15/2004	2 JB	<5	<5	<5	<5	<5	<5	1 JB	<10	<5	<5	
10/27/2004	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
DGC-8	11/9/1990	BPQL	<5000	<5000	NA	<5000	NA	8,000 B	95,000	<5000	<5000		Refer to QA/QC qualifier for Heptane
	12/7/1993	<8300	<8300	<8300	NA	<8300	NA	880 J	290,000	<1700	2,400 JB		
	8/16/1995	NA	NA	NA	NA	NA	NA	NA	160,000	52	NA	NA	
	11/1/2001	ND	ND	ND	NA	ND	NA	ND	200,000	ND*	ND	150 J	
	2/19/2004	<20000	<10000	<10000	<10000	<10000	<10000	<10000	200,000	<20000	<10000	<10000	
	6/15/2004	2,100 JB	<5000	<5000	<5000	<5000	<5000	<5000	190,000	<10000	<5000	<5000	
	6/15/2004	<10000	<5000	<5000	<5000	<5000	<5000	<5000	110,000	<10000	<5000	<5000	
(Dup.)	well destroyed during 2010-2011 soil excavation activities												
DGC-9	12/1/1990	-	-	-	-	-	-	-	ND	ND	-	-	Refer to QA/QC qualifier for Heptane
	12/7/1993	<10	<10	<10	NA	<10	NA	<10	2 J	<10	<10		
	11/1/2001	<10	<5	<5	<5	<5	<5	<5	<5	ND*	<5	<5	
	2/19/2004	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	6/15/2004	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
DGC-10	12/1/1990	-	-	-	-	-	-	-	ND	ND	-	-	Refer to QA/QC qualifier for Heptane
	12/6/1993	<10	<10	<10	NA	<10	NA	<10	<10	<10	1 JB		
	11/1/2001	<10	<5	<5	<5	<5	<5	<5	<5	ND*	<5	<5	
	2/19/2004	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	6/15/2004	<10	<5	<5	<5	<5	<5	<5	2 J	<10	<5	<5	

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Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MW-11	2/20/2004	<10	<5	<5	<5	<5	<5	4 JB	<5	<10	<5	<5	
	6/15/2004	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	10/28/2004	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	4/8/2005	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	10/25/2005	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	5/2/2006	<10	<10	<10	<10	<10	<10	6 JB	<10	<10	<10	<10	
MW-12 (Dup.) (& Dup.)	2/19/2004	<10	<5	<5	<5	<5	<5	9 B	6	<10	<5	<5	
	6/15/2004	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	6/23/2005	10 JB	<10	<10	<10	<10	<10	<10	3 J	<10	<10	<10	
	8/21/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	3/14/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	9/20/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	3/27/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	8/27/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	4/8/2009	<10	<5	<5	<5	<5	<5	<5	15	<10	<5	<5	
	6/1/2009	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	
	6/1/2009	<10	<5	<5	<5	<5	<5	7.0 B	<5	<5	<5	<5	
	6/3/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	19	<2	<0.5	<0.5	1,2-Dichloropropane - 0.6 J µg/L
	8/27/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	100	<2	<0.5	<0.5	1,2-Dichloropropane - 0.5 J µg/L
	10/21/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	110/91	<2	<0.5	<0.5	1,2-Dichloropropane - 0.7 J µg/L
	12/11/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	0.8 J	<2	<0.5	<0.5	1,2-Dichloropropane - 0.5 J µg/L
	8/13/2015	<6	<0.5	<0.5	<2	<0.5	<1	<2	2	<2	<0.5	<0.5	1,2-Dichloropropane - 0.6 J µg/L
	1/6/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	9	<2	<0.5	<0.5	1,2-Dichloropropane - 0.7 J µg/L
	7/12/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	4/25/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	1,2-dichloropropane - 0.7 J µg/L
	11/14/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
9/12/2018	<0.7	<0.2	<0.2	<0.2	<0.4	<0.2	<0.3	2	<0.2	<0.4	<1		
12/6/2018	<0.7	<0.2	<0.2	<0.2	<0.4	<0.2	<0.3	<0.2	<0.2	<0.4	<1	1,2-dichloropropane - 0.3 J µg/L	
4/30/2019	<0.7	<0.2	<0.2	<0.2	<0.4	<0.2	<0.3	<0.2	<0.2	<0.4	<1		
9/12/2019	<10	<5.0	<5.0	<10	<5.0	<10	<5.0	28	<5.0	<5.0	<5.0		
11/20/2019	<10	<5.0	<5.0	<10	<5.0	<10	<5.0	0.49 J	<5.0	<5.0	<5.0		
7/14/2020	<5.0 R	<0.20 R	<0.24R	<0.26 R	<0.20 R	<0.20 R	<0.65 R	17 J	<0.26 R	<0.20 R	<0.20R		
10/12/2020	<10	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	Chloromethane - 0.34 BJ µg/L	

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Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MW-13 (& Dup.)	2/19/2004	63	<5	<5	<5	<5	<5	3 JB	<5	<10	<5	<5	
	6/15/2004	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	3/14/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	9/21/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	3/27/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	8/27/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	4/8/2009	<10	<5	<5	<5	<5	<5	<5	29	<10	<5	<5	
6/1/2009	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
MW-14	2/18/2004	<20000	<10000	<10000	<10000	<10000	<10000	8,300 JB	590,000 E	<20000	<10000	<10000	
	10/28/2004	<1000	<1000	<1000	<1000	470 J	230 J	430 J	16,000	<1000	1,100 J	3,600	
	4/7/2005	<10000	<10000	<10000	<10000	<10000	<10000	1,400 J	110,000	<10000	<10000	<10000	
	5/2/2006	<5000	<5000	<5000	<5000	<5000	<5000	2,600 JB	83,000	<5000	<5000	2,200 J	
	3/27/2008	<500	<500	<500	<500	<500	770	<500	9,300	<500	<500	270 J	
	8/28/2008	<1000	<1000	<1000	<1000	<1000	750 J	<1000	9,100	<1000	<1000	<1000	
well destroyed during 2010-2011 soil excavation activities													
MW-15	2/19/2004	<10	<5	<5	<5	<5	<5	3 JB	5	120	<5	1 J	
	6/15/2004	<10	<5	<5	<5	<5	<5	<5	3 J	<10	<5	<5	
	10/28/2004	<10	<10	<10	<10	<10	<10	37	3 J	<10	<10	<10	
	4/7/2005	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	3/14/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	9/20/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	3/27/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	8/27/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	4/8/2009	<10	<5	<5	<5	<5	<5	<5	20	<10	<5	<5	
	6/1/2009	<10	<5	<5	<5	<5	<5	<5	13	<5	<5	<5	
	5/12/2011	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	5/2/2012	7.7 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	
	11/28/2012	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	26	<10	<5.0	<5.0	
	4/17/2013	<6	<0.5	<0.8	<2	<0.8	6	<2	<0.7	<2	<0.8	<0.8	
6/3/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	100	<2	<0.5	<0.5		
8/28/2014	<6	<0.5	<0.5	<2	<0.5	1 J	<2	7	<2	<0.5	<0.5		

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<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MW-15R (Dup.) (& Dup.)	4/29/2015	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	4/29/2015	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	8/13/2015	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	3/15/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	7/12/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	4/25/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	11/14/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	9/12/2018	<0.7	<0.2	<0.2	<0.2	<0.4	<0.2	<0.3	<0.2	<0.2	<0.4	<1	
	12/6/2018	<0.7	<0.2	<0.2	<0.2	<0.4	<0.2	<0.3	0.3 J	<0.2	<0.4	<1	
	4/30/2019	<0.7	<0.2	<0.2	<0.2	<0.4	<0.2	<0.3	<0.2	<0.2	<0.4	<1	
9/12/2019	<10	<5.0	<5.0	<10	<5.0	<10	<5.0	0.67 J	<5.0	<5.0	<5.0		
11/20/2019	<10	<5.0	<5.0	<10	<5.0	<10	<5.0	28	<5.0	<5.0	<5.0		
8/11/2020	<10	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0		
10/12/2020	<10	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	Chloromethane - 0.28 BJ µg/L	
MW-16	2/19/2004	<20	<10	<10	<10	<10	<10	16 B	190	<20	<10	<10	
	6/16/2004	<10	<5	<5	<5	<5	<5	<5	2 JB	<10	<5	<5	
	10/28/2004	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	6/23/2005	59	<10	<10	<10	<10	<10	2 J	20	<10	<10	<10	
	10/25/2005	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	2/16/2006	14 B	<10	<10	<10	<10	<10	4 JB	<10	<10	<10	<10	
	5/2/2006	9 J	<10	<10	<10	<10	<10	4 JB	<10	<10	<10	<10	
8/21/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
MW-17	2/19/2004	<2000	<1000	<1000	<1000	<1000	<1000	720 JB	33,000	<2000	<1000	<1000	
	6/16/2004	<2000	<1000	<1000	<1000	<1000	<1000	<1000	17,000	<2000	<1000	<1000	
	6/23/2005	440 B	15 J	<100	<100	<100	<100	19 J	1,000	<100	<100	<100	
	8/27/2008	<10	5.2 J	<10	<10	<10	2.9 J	<10	3.7 J	<10	<10	<10	
	5/10/2011	<10	<5	<5	<5	<5	12	<5	21	<10	<5	<5	
12/8/2011	<10	<5	<5	<5	<5	7.9	<5	2.0 J	<10	<5	<5		
MW-20	5/10/2011	<10000	<5000	<5000	<5000	<5000	<5000	<5000	83,000	<10000	<5000	<5000	
	7/27/2011	<3400	<2500	<2500	<2500	<2500	<2500	<5600	70,000	<5000	<2500	<2500	
	10/19/2011	230 J	<250	<250	<250	<250	<250	160 J	8,200	<500	<250	<250	
	5/3/2012	41 J	<25	<25	<25	<25	<25	19 J	560	<50	<25	<25	
MW-21	5/10/2011	<50	<25	<25	<25	<25	<25	<25	520	<50	<25	<25	
	5/12/2011	<600 J	<250 J	<250 J	<250 J	<250 J	<250 J	<250 J	4,300 J	<500 J	<250 J	<250 J	
	11/4/2015	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	

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Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MW-22	5/10/2011	<10000 J	<5000 J	<5000 J	<5000 J	<5000 J	<5000 J	<5000 J	120,000 J	<10000 J	<5000 J	<5000 J	
	7/27/2011	<4300	<2500	<2500	<2500	<2500	<2500	<5000	63,000	<5000	<2500	<2500	
(Dup.)	7/27/2011	<4000	<2500	<2500	<2500	<2500	<2500	<4400	59,000	<5000	<2500	<2500	
	10/20/2011	2,500 J	<2500	<2500	<2500	<2500	<2500	1,800 J	45,000	<5000	<2500	<2500	
	12/8/2011	3,400 J	<2500	<2500	<2500	<2500	<2500	2,200 JB	40,000	<5000	<2500	<2500	
	2/21/2012	2,100 J	<1200	<1200	<1200	<1200	<1200	1,000 JB	40,000	<2500	<1200	<1200	
	5/3/2012	1,900 J	<1200	<1200	<1200	<1200	<1200	<1200	35,000	<2500	<1200	<1200	
	7/18/2012	<2000	<1000	<1000	<1000	<1000	<1000	<1000	30,000	<2000	<1000	<1000	
	11/29/2012	<2500	<1200	<1200	<1200	<1200	400 J	<1200	22,000	<2500	<1200	<1200	
	2/6/2013	<100	<50	<50	<50	<50	<50	<50	1,500	<100	<50	<50	
(& Dup.)	4/16/2013	<120	16 J	<16	<40	<16	<20	<40	20,000	<40	<16	<16	
	6/4/2013	<60	10 J	<8	<20	<8	<10	<20	15,000	<20	<8	<8	
	12/10/2013	<60	23 J	<8	<20	<8	19 J	<20	20,000	<20	<8	<8	
	6/3/2014	<300	<25	<25	<100	<25	<50	<100	21,000	<100	<25	<25	
	8/27/2014	<6	10	<0.5	3 J	3	19	<2	3,500	<2	3	0.5 J	Chlorobenzene - 0.9 J µg/L
	10/21/2014	<10	43	<10	<40	10 J	77 J	<40	21,000	<40	<10	13 J	
(Dup.)	3/3/2015	<6	5	<0.5	3 J	2	20	<2	4,400	3 J	<0.5	2	Chlorobenzene - 0.7 J µg/L
	3/3/2015	<6	5	<0.5	3 J	2	21	<2	3,600	3 J	<0.5	2	Chlorobenzene - 0.7 J µg/L
	4/28/2015	<6	4	<0.5	2 J	0.9 J	16	<2	3,200	<2	<0.5	1	
	8/13/2015	<12	7	<1	<4	2 J	21	<4	4,000	<4	<1	2	
	4/28/2015	<6	4	<0.5	2 J	0.9 J	16	<2	3,200	<2	<0.5	1	
	8/13/2015	<12	7	<1	<4	2 J	21	<4	4,000	<4	<1	2	
(Dup.)	11/4/2015	<6	6	0.7 J	3 J	2	22	<4	2,200	3 J	<1	2	Chlorobenzene - 0.7 J µg/L
	11/4/2015	<12	5	<1	<4	1 J	18	<4	2,700	<4	<1	1 J	
	1/6/2016	<6	10	<0.5	5 J	1 J	32	<2	530	<2	<0.5	1 J	
	3/14/2016	<12	5	<1	<4	<1	14	<4	2,300	<4	<1	1 J	
	5/10/2016	<30	3 J	<3	<10	<3	9 J	<10	1,600	<10	<3	<3	
(Dup.)	5/10/2016	<12	3	<1	<4	<1	9 J	<4	1,500	<4	<1	<1	

Table 1
Groundwater Analytical Data Summary - Volatile Organic Compounds (VOCs)
Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MW-22 (Cont.) (Dup.) (Dup.) (Dup.) (Dup.) (Dup.) (Dup.) (Dup.) (Dup.) (Dup.) (Dup.) (Dup.) (Dup.) (Dup.) (Dup.)	6/13/2016	<6	2	<0.5	<2	<0.5	8	<2	710	<2	<0.5	<0.5	
	7/12/2016	<6	0.7 J	<0.5	<2	<0.5	7	<2	270	<2	<0.5	<0.5	
	7/12/2016	<6	0.8 J	<0.5	<2	<0.5	8	<2	320	<2	<0.5	<0.5	
	8/2/2016	<6	8	<0.5	<2	<0.5	6 J	<2	3,200	<2	<0.5	<0.5	
	8/2/2016	<6	7	<0.5	<2	<0.5	6 J	<2	3,000	<2	<0.5	<0.5	
	9/19/2016	<6	4	<0.5	3 J	0.7 J	16	<2	810	3 J	1 J	<0.5	
	9/19/2016	<6	4	<0.5	3 J	0.6 J	16	<2	790	3 J	1 J	<0.5	
	11/15/2016	<12	6	<0.5	<4	<1	10 J	<4	1,300	<4	<1	<1	
	11/15/2016	<12	6	<0.5	<4	<1	8 J	<4	1,200	<4	<1	<1	
	4/26/2017	<6	1	<0.5	<2	<0.5	7	<2	45	<2	<0.5	<0.5	
	11/15/2017	<30	<3	<3	<10	<3	<5	<3	250	<10	<3	<3	
	7/17/2018	<6	<0.5	<0.5	<2	<0.5	4 J	<0.5	10	<2	<0.5	<0.5	
	9/11/2018	<0.7	0.2 J	<0.2	<0.2	<0.4	2 J	<0.3	<0.2	<0.2	<0.4	<1	
	7/17/2019	<11 R	3.4 J	<1.2 R	<1.3 R	<1.0 R	13 J	<25 R	740 J	<1.3 R	<1.0 R	1.5 J R	
	9/12/2019	<500	20 J	17 J	<500	<250	20 J	<250	6,200	<250	<250	<250	
11/20/2019	<500	29 J	<250	<500	<250	27 J	<250	14,000 D	<250	<250	12 J		
7/14/2020	<5.0 R	16 J	<0.24 R	1.8 J	0.80 J	11 J	<0.65 R	85 J	<0.26 R	0.35 J	1.3 J	Chlorobenzene - 0.73 J µg/L	
8/10/2020	5.0 J	7.7	<5.0	1.1 J	<5.0	5.1 J	<5.0	130 D	<5.0	0.24 J	0.84 J	Chlorobenzene - 0.30 J µg/L	
MW-23	5/10/2011	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	5/12/2011	<10 J	<5 J	<5 J	<5 J	<5 J	<5 J	<5 J	<5 J	<10 J	<5 J	<5 J	
	10/18/2011	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
MW-24	5/10/2011	<100	<50	<50	<50	<50	<50	<50	2,200 EJ	<100	<50	<50	
	11/3/2015	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
MW-25	7/25/2011	<6.7	<5	3 J	<5	<5	<5	<12	<5	<10	<5	<5	
	12/7/2011	8.6 J	<5	<5	3.7 J	<5	28	<5	<5	<10	<5	<5	
MW-26	7/25/2011	8,500 B	<2500	<2500	<2500	<2500	<2500	2,700 B	59,000	<5000	<2500	<2500	
	12/8/2011	<2000	<1000	<1000	<1000	<1000	<1000	1,200 B	22,000	<2000	<1000	<1000	
	2/23/2012	630 JB	<500	<500	<500	<500	<500	420 JB	7,900	<1000	<500	<500	
	12/9/2013	<60	<5	<8	<20	19 J	<10	<20	6,800	<20	11 J	32 J	

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Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes	
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>		
MW-27	7/25/2011	<31000	<10000	6,200 J	<10000	<10000	<10000	<10000	260,000	<20000	<10000	<10000	2-Butanone - 2,700 J µg/L	
	10/19/2011	11,000 J	<10000	<10000	<10000	<10000	<10000	7,300 J	160,000	<20000	<10000	<10000		
	12/8/2011	14,000 J	<10000	<10000	<10000	<10000	<10000	8,800 JB	210,000	<20000	<10000	<10000		
	2/23/2012	8,800 JB	<10000	<10000	<10000	<10000	<10000	6,600 JB	180,000	<20000	<10000	<10000		
	5/4/2012	6,400 JB	<5000	<5000	<5000	<5000	<5000	6,000	100,000	<10000	<5000	<5000		
	7/18/2012	<10000	<5000	<5000	<5000	<5000	<5000	<5000	110,000	<10000	<5000	<5000		
	2/5/2013	<5000	<2500	<2500	<2500	<2500	<2500	<2500	67,000	<5000	<2500	<2500		
	4/17/2013	<300	37 J	<40	<100	50 J	99 J	<100	95,000	<100	42 J	140 J		
	6/5/2013	<300	100 J	<40	<100	69 J	74 J	<100	110,000	<100	64 J	210 J		
	12/10/2013	<300	31 J	<40	<100	87 J	140 J	<100	110,000	<100	82 J	240 J		
	6/3/2014	<600	<50	<50	<200	110	100 J	<200	150,000	<200	90 J	<50		
	8/27/2014	<300	28 J	<25	<100	130	150 J	<100	140,000	<100	110	360		
	10/21/2014	<300	34 J	<25	<100	92	110 J	<100	150,000	<100	78	270		
	12/10/2014	<300	<25	<25	<100	99	310	<100	48,000	<100	84	320		
	12/10/2014	<300	<25	<25	<100	100	300	<100	52,000	<100	85	320		
	3/3/2015	well not accessible due to snow/ice cover												
	4/29/2015	<300	<25	<25	<100	57	53 J	<100	110,000	<100	39 J	150		
8/13/2015	<300	<25	<25	<100	72	130 J	<100	70,000	<100	56	200			
11/4/2015	<3000	<250	<250	<1000	<250	<500	<1000	110,000	<1000	<250	<250			
1/6/2016	<300	<25	<25	<100	<25	120 J	<100	67,000	<100	46 J	220	Ethylbenzene - 120 µg/L		

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<i>NYS Standard/Guidance Value</i>		50	1	7	NS	5	NS	5	5	NS	5	5	
MW-27 (Cont.)	3/15/2016	350	57	<5	95	120	350	<20	110,000	<20	110	450	2-Butanone - 69 J µg/L; carbon disulfide - 24 J µg/L; chloromethane - 12 J µg/L
	4/14/2016	<600	<50	<50	<200	<50	<100	<200	35,000	<200	<50	120	
	5/10/2016	<120	19 J	<10	42 J	33	<40	91 J	11,000	<40	28	110	
	6/13/2016	<60	17	<5	68	52	130	<20	19,000	26 J	48	190	
	7/12/2016	<120	<10	<10	<40	15 J	33 J	<40	9,900	<40	<10	41	
	8/2/2016	<120	11 J	<10	<10	70	150	<40	32,000	47 J	61	220	
	9/19/2016	<6	5	<0.5	14	12	43	<2	900	8	33	8	
	11/14/2016	<6	3	<0.5	<2	7	21	<2	550	19	10	3	
	4/25/2017	<300	<25	<25	<100	57	<50	<100	40,000	<100	44 J	150	
	11/14/2017	<120	<10	<10	<40	43	34 J	<10	38,000	<40	36	120	
(Dup.)	11/14/2017	<120	<10	<10	<40	42	38 J	<10	38,000	<40	34	120	
	2/27/2018	17 J	6	<1	46	63	170	<1	13,000	33	42	150	cis-1,2-DCE - 1 J µg/L
(Dup.)	7/16/2018	<60	8 J	<5	29 J	34	96	<5	8,100	<20	16	76	
	7/16/2018	<60	8 J	<5	34 J	42	99	<5	7,700	34 J	21	90	
	9/12/2018	<14	9 J	<4	29 J	63	49 J	<6	25,000	<4	37	140	
	4/30/2019	8 J	2	<0.2	14	9	43	<0.3	1,200	5 J	2	13	2-butanone - 7 J ug/L
	7/18/2019	620 JR	62 J	<1,000 R	<2,000 R	<1,000 R	84 J	<1,000 R	25,000 J	<1,000 R	<1,000 R	<1,000 R	4-methyl-2-pentanone - 180 J µg/L
	9/12/2019	<10	<5.0	<5.0	<10	<5.0	1.7 J	<5.0	2.6 J	<5.0	<5.0	<5.0	
	11/20/2019	<10	0.37 J	<5.0	<10	<5.0	<10	<5.0	490 D	<5.0	<5.0	0.38 J	
7/14/2020	<5.0	<0.20	<0.24	<0.26	<0.20	<0.20	<0.65	11	<0.26	<0.20	<0.20		
8/10/2020	<2,500	<1,300	290 J	<2,500	<1,300	<2,500	<1,300	41,000	<1,300	<1,300	<1,300	4-methyl-2-pentanone - 160 J µg/L	
10/12/2020	<10	1.7 J	<5.0	0.92 J	1.6 J	1.8 J	<5.0	140	<5.0	1.1 J	2.1 J	Carbon disulfide - 6.9 J µg/L; cis-1,2-DCE - 0.37 J µg/L	

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Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MW-28 (Dup.)	6/13/2016	<60	28	<5	<20	33	300	<20	35,000	40 J	20	89	
	6/13/2016	<60	27	<5	<20	28	310	<20	29,000	41 J	17	74	
	7/13/2016	<120	20 J	<10	<40	15 J	120	<40	24,000	<40	37	<10	
	9/19/2016	<300	<25	<25	<100	<25	170 J	<100	28,000	<100	65	<25	
	11/14/2016	<120	27	<10	<40	27	94 J	<40	47,000	<40	69	16 J	
	4/25/2017	<120	14 J	<10	<40	<10	<20	<40	12,000	<40	<10	11 J	
	6/20/2017	<600	97 J	<50	<200	<50	170 J	<200	110,000	<200	<50	70 J	
	7/20/2017	<600	57 J	<50	<200	<50	120 J	<200	100,000	<200	<50	58 J	
	11/15/2017	<60	25	<5	<20	26	54	<5	21,000	<20	7 J	36	
	2/27/2018	<300	26 J	<25	<100	<25	59 J	<25	23,000	<100	<25	28 J	
	7/16/2018	790	190	16	<20	45	77	<5	230,000	<20	22	89	2-butanone - 98 J µg/L; carbon disulfide - 50 µg/L; chlorobenzene - 9 J µg/L; chloromethane - 56 µg/L; 4-methyl-2-pentanone - 65 J µg/L;
	9/11/2018	520	130	11	55	69	360	<3	160,000	<2	35	150	2-butanone - 49 J µg/L; carbon disulfide - 51 µg/L; chlorobenzene - 11 µg/L; chloromethane - 5 J µg/L; 4-methyl-2-pentanone - 110 µg/L;
	4/30/2019	<350	170 J	<100	<100	<200	290 J	<150	350,000 E	<100	<200	<500	
	7/18/2019	<5,000 R	120 J	<2,500 R	<5,000 R	<2,500 R	260 J	<2,500 R	180,000 DJ	<2,500 R	<2,500 R	<2,500 R	4-methyl-2-pentanone - 110 JR µg/L
9/12/2019	<25,000 R	<13,000 R	1,100 J	<25,000 R	<13,000 R	<25,000 R	<13,000 R	340,000	<13,000 R	<13,000 R	<13,000 R	Dichloromethane - 1,900 JR µg/L	
11/20/2019	<25,000	<13,000	<13,000	<25,000	<13,000	<25,000	<13,000	300,000	<13,000	<13,000	<13,000		
7/13/2020	<5,000 R	<200 R	<240 R	<260 R	<200 R	<200 R	<650 R	120,000 J	<260 R	<200 R	<200 R		
8/10/2020	<10,000	<5,000	<5,000	<10,000	<5,000	420 J	<5,000	150,000	<5,000	<5,000	250 J		
10/12/2020	<10,000	<5,000	<5,000	<10,000	<5,000	990 J	<5,000	120,000	<5,000	<5,000	250 J		
10/12/2020	<5,000	<2,500	<2,500	<5,000	100 J	1,100 J	<2,500	130,000 D	140 J	<2,500	220 J		

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Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MW-37R	5/3/2012	18 J	<10	<10	<10	<10	5.4 J	<10	250	<20	<10	<10	Sample collected after well development.
	7/17/2012	<20	<10	<10	<10	<10	<10	<10	390	<20	<10	<10	
	7/18/2012	<50	<25	<25	<25	<25	<25	<25	640	<50	<25	<25	
	11/29/2012	<100	<50	<50	<50	<50	<50	<50	1,900	<100	<50	<50	
MP-1 (Dup.) (Dup.)	2/18/2004	5,000	<1000	<1000	<1000	<1000	<1000	610 JB	35,000	<2000	<1000	<1000	Chlorobenzene - 150 J µg/L 2-Butanone - 14 µg/L
	4/7/2005	94 J	<100	<100	78 J	<100	78 J	<100	1,300	<100	<100	<100	
	6/23/2005	7,000	<2000	<2000	<2000	<2000	<2000	600 J	36,000	<2000	<2000	<4000	
	2/16/2006	<10	<10	<10	<10	<10	39 J	3 JB	8 J	<10	<10	<10	
	2/16/2006	18 B	<10	<10	<10	<10	38 J	4 JB	8 J	<10	<10	<10	
	5/2/2006	450 J	<500	<500	<500	<500	<500	<500	330 JB	5,600	<500	<500	
	5/2/2006	<500	<500	<500	<500	<500	<500	<500	320 JB	5,400	<500	<500	
	3/14/2007	<100	<100	<100	56 J	<100	120	320 JB	1,100	71 J	<100	<100	
9/21/2007	<20	<20	<20	<20	<20	<20	<20	50	<20	<20	<20		
11/5/2015	<6	<0.5	<0.5	<2	0.5 J	21	<2	190	<2	<0.5	0.8 J		
MP-2 DIL	2/18/2004	<200	<100	<100	<100	<100	<100	67 JB	2,200	<200	<100	<100	
	6/23/2005	12 J	5 J	<20	<20	8 J	470 E	5 J	13	<20	<20	4 J	
	6/23/2005	51 B	<50	<50	<50	<50	350	10 J	12 J	<50	<50	<50	
	10/25/2005	<500	<500	<500	<500	<500	330 J	1,000	4,600	<500	<500	<500	
	6/2/2009	<100	<50	<50	<50	<50	310	77	1,200	<50	<50	<50	
	8/26/2009	<20	<10	<10	32	6.9 J	280	<10	330	<10	<10	<10	
	5/12/2011	<10	<5	<5	<5	<5	<5	<5	70	<10	<5	<5	
	10/19/2011	16	<5	<5	<5	<5	<5	<5	58	<10	<5	<5	
5/2/2012	15 J	<10	<10	<10	<10	<10	5.5 J	<10	<20	<10	<10		
MP-3	2/18/2004	<25000	<12000	<12000	<12000	<12000	<12000	6,500 JB	410,000	<25000	<12000	<12000	
	6/1/2009	<2000	<1000	<1000	<1000	<1000	<1000	<1000	39,000	<1000	<1000	<1000	
	8/25/2009	<1000	<500	<500	<500	<500	<500	<500	15,000	<500	<500	<500	
well destroyed during 2010-2011 soil excavation activities													
MP-4	2/19/2004	<100	<50	<50	<50	<50	<50	89 B	1,700	<100	<50	<50	
	well destroyed during 2010-2011 soil excavation activities												

Table 1
Groundwater Analytical Data Summary - Volatile Organic Compounds (VOCs)
Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes		
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>			
MP-8	2/19/2004	<10	<5	<5	<5	<5	<5	9 B	<5	<10	<5	<5			
MP-9	2/19/2004	<10	<5	<5	<5	<5	<5	7 B	12	72	<5	2 J			
	6/15/2004	<10	<5	<5	<5	<5	<5	<5	5 JB	<10	<5	<5			
	10/28/2004	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			
	4/8/2005	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			
	6/23/2005	37	<10	<10	<10	<10	<10	2 J	<10	<10	<10	<10			
MP-10 MP-10 RE	2/20/2004	<10	4 J	<5	<5	<5	<5	7 B	400 E	6 J	<5	3 J			
	2/20/2004	<2000	<1000	<1000	<1000	<1000	<1000	780 JB	1,700 D	<2000	<1000	<1000			
	6/16/2004	45 JB	<50	<50	<50	<50	<50	<50	910	34 J	<50	<50			
	4/8/2005	<10	<10	<10	<10	<10	<10	<10	21	<10	<10	<10			
	10/25/2005	<10	<10	<10	<10	<10	<10	13	10 J	<10	<10	<10			
	2/16/2006	<10	<10	<10	<10	<10	<10	4 JB	<10	<10	<10	<10			
	5/2/2006	<10	<10	<10	<10	<10	<10	5 JB	9 J	<10	<10	<10			
	8/21/2006	<10	<10	<10	<10	<10	<10	8 J	<10	31	<10	<10	<10	2-Butanone - 38 µg/L	
	3/14/2007	<10	<10	<10	<10	<10	<10	<10	6 J	<10	<10	<10			
	8/27/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			
	5/10/2011	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5			
	5/2/2012	4.7 J	<5.0	<5.0	<5.0	<5.0	<5.0	2.2 J	<5.0	2.9 J	<10	<5.0	<5.0		
	11/28/2012	<10	<5.0	<5.0	<5.0	<5.0	<5.0	1.6 J	<5.0	<5.0	<10	<5.0	<5.0		
(Dup.) 11/28/2012	<10 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J	<5.0 J	5.6 J	<5.0 J	<5.0 J	<10 J	<5.0 J	<5.0 J			
4/16/2013	<6	<0.5	<0.8	<2	<0.8	2 J	<2	<0.7	<2	<0.8	<0.8				

Table 1
Groundwater Analytical Data Summary - Volatile Organic Compounds (VOCs)
Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MP-11	2/20/2004	<10000	<5000	<5000	<5000	<5000	<5000	4,700 JB	150,000	<10000	<5000	<5000	
	6/23/2005	<10000	<10000	<10000	<10000	<10000	<10000	2,300 J	150,000	<10000	<10000	<10000	
	10/25/2005	<5000	<5000	<5000	<5000	<5000	<5000	2,700 J	60,000	<5000	<5000	<5000	
	2/16/2006	16,000 B	<10000	<10000	<10000	<10000	<10000	4,300 JB	190,000	<10000	<10000	<10000	
	3/14/2007	<5000	<5000	<5000	<5000	<5000	<5000	<5000	97,000	<5000	<5000	<5000	
	9/20/2007	<10000	<10000	<10000	<10000	<10000	<10000	<10000	180,000	<10000	<10000	<10000	
	4/8/2009	<10000	<5000	<5000	<5000	<5000	<5000	<5000	100,000	<10000	<5000	<5000	
	8/25/2009	<2500	<1200	<1200	<1200	<1200	<1200	<1200	27,000	<1200	<1200	<1200	
	11/3/2009	<5000	<2500	<2500	<2500	<2500	<2500	<2500	71,000	<5000	<2500	<2500	
	2/17/2010	<2000	<1000	<1000	<1000	<1000	<1000	2,700	35,000	<2000	<1000	<1000	
	5/10/2011	<1000 J	<500 J	<500 J	<500 J	<500 J	<500 J	<500 J	17,000 J	<1000 J	<500 J	<500 J	
	5/12/2011	<710	<500	<500	<500	<500	<500	<500	24,000 EJ	<1000	<500	<500	
	12/8/2011	830 J	<500	<500	<500	<500	<500	410 JB	12,000	<1000	<500	<500	
	2/22/2012	420 JB	<500	<500	<500	<500	<500	110 JB	13,000	<1000	<500	<500	
	5/2/2012	320 J	<250	<250	<250	<250	<250	<250	6,800	<500	<250	<250	
(Dup.)	5/2/2012	690 B	<250	<250	140 J	<250	<250	140 J	8,600	<500	<250	<250	
(Dup.)	2/6/2013	<500	<250	<250	<250	<250	<250	<250	5,000	<500	<250	<250	
(Dup.)	2/6/2013	<100	<50	<50	<50	<50	<50	<50	1,600	<100	<50	<50	
(Dup.)	4/16/2013	<30	<3	<4	<10	5 J	6 J	<10	6,000	<10	<4	7 J	
(Dup.)	11/3/2015	<6	<0.5	<0.5	<2	<0.5	5 J	<2	36	<2	<0.5	1	Chlorobenzene - 0.8 J µg/L
MP-12	2/20/2004	<10	<5	<5	<5	<5	<5	4 JB	160	<10	<5	<5	
	2/16/2006	32 B	<10	<10	<10	<10	<10	3 JB	<10	<10	<10	<10	
	2/18/2010	<10	<5	<5	<5	<5	<5	3.4 J	<5	<10	<5	<5	
	10/18/2011	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
MP-23	6/2/2009	<200	<100	<100	<100	<100	<100	100	3,700	<100	<100	<100	
	8/25/2009	<200	<100	<100	<100	<100	<100	<100	2,800	<100	<100	<100	
	2/18/2010	<500	<250	<250	<250	<250	<250	<250	7,400	<500	<250	<250	
	5/11/2011	<50	<25	<25	<25	<25	<25	<25	1,100 EJ	<50	<25	<25	
	7/17/2012	<200	<100	<100	<100	<100	<100	<100	3,700	<200	<100	<100	
	2/5/2013	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	24	<10	<5.0	<5.0	
	11/4/2015	<6	2	<0.5	<2	0.9 J	3 J	<2	450	<2	<0.5	1	

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Groundwater Analytical Data Summary - Volatile Organic Compounds (VOCs)
Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MP-24	4/8/2009	<10000	<5000	<5000	<5000	<5000	<5000	<5000	96,000	<10000	<5000	<5000	
	8/25/2009	<2500	<1200	<1200	<1200	<1200	<1200	<1200	46,000	<1200	<1200	<1200	
	11/3/2009	<5000	<2500	<2500	<2500	<2500	<2500	<2500	67,000	<5000	<2500	<2500	
	2/18/2010	<5000	<2500	<2500	<2500	<2500	<2500	<2500	42,000	<5000	<2500	<2500	
	5/11/2011	<200	<100	<100	<100	<100	<100	<100	2,300	<200	<100	<100	
	7/18/2012	<100	<50	<50	<50	<50	<50	<50	1,000	<100	<50	<50	
	7/18/2012	<100	<50	<50	<50	<50	<50	<50	860	<100	<50	<50	
	2/5/2013	<50	<25	<25	<25	<25	<25	<25	590	<50	<25	<25	
	4/25/2017	<6	1	<0.5	<2	<0.5	<1	<2	90	<2	<0.5	0.9 J	
	6/20/2017	<600	58 J	<50	<200	<50	<100	<200	80,000	<200	<50	130	
	7/20/2017	<120	26	<10	<40	22	28 J	<40	26,000	<40	13 J	69	
	11/15/2017	<60	21	<5	<20	10	<10	<5	12,000	<20	6 J	25	Chlorobenzene - 5 J µg/L
	2/27/2018	<60	9 J	<5	<20	<5	<10	<5	3,900	<20	<5	7 J	
	7/16/2018	<300	<25	<25	<100	<25	<50	<25	17,000	<100	<25	46 J	
	9/12/2018	8 J	20	<0.2	10	38	33	<0.3	3,800 E	<0.2	24	86	2-butanone - 2 J µg/L; carbon disulfide - 0.8 µg/L; chlorobenzene - 11 µg/L; 1,2-dichlorobenzene - 0.9 J; isopropylbenzene - 1 J µg/L; 4-methyl-2-pentanone - 4 J µg/L
7/17/2019	88 BJR	17 J	<130 R	<250 R	21 J	25 J	<130 R	11,000 DJ	<130 R	19 J	61 J	2-butanone - 22 JR µg/L; 4-methyl-2-pentanone - 140 J µg/L; carbon disulfide - 34 J µg/L; chlorobenzene - 5.8 J µg/L	
9/12/2019	<100	9.4 J	2.4 J	<100	7.1 J	19 J	<50	1,100	<50	3.1 J	15 J	4-methyl-2-pentanone - 30 J µg/L; carbon disulfide - 3.3 J µg/L; chlorobenzene - 2.3 J µg/L	
11/20/2019	<100	8.3 J	<50	<100	14 J	7.9 J	<50	3,700 D	<50	7.8 J	23 J	Chlorobenzene - 2.4 J µg/L	
7/13/2020	<130 R	<5.0 R	7.9 J	<6.5 R	<5.0 R	12 J	<17 R	3,700 J	<6.5 R	<5.0 R	8.4 J		
8/10/2020	<250	22 J	11 J	<250	30 J	18 J	<130	9,500	<130	18 J	47 J	4-methyl-2-pentanone - 16 J µg/L	

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Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MP-25 (Dup.)	6/2/2009	<10000	<5000	<5000	<5000	<5000	<5000	6,000	150,000	<5000	<5000	<5000	
	2/18/2010	<500	<250	<250	<250	<250	<250	<250	7,100	<500	<250	<250	
	5/10/2011	<1000	<500	<500	<500	<500	<500	<500	11,000	<1000	<500	<500	
	5/4/2012	3,300 JB	<2500	<2500	<2500	<2500	<2500	2,600	79,000	<5000	<2500	<2500	
	7/17/2012	<5000	<2500	<2500	<2500	<2500	<2500	<2500	66,000	<5000	<2500	<2500	
	2/5/2013	<10000	<5000	<5000	<5000	<5000	<5000	<5000	130,000	<10000	<5000	<5000	
	4/17/2013	<600	78 J	<80	<200	<80	440 J	<200	160,000	<200	<80	110 J	
	6/5/2013	<120	51 J	<40	<100	47 J	190 J	<200	120,000	<100	<40	74 J	
	12/10/2013	<300	41 J	<40	<100	70 J	510	<100	98,000	<100	<40	87 J	
	6/3/2014	<600	60 J	<50	<200	73 J	670	<200	79,000	<200	91 J	<50	
	8/27/2014	<120	60	<10	44 J	51	570	<40	54,000	<40	11 J	65	
	8/27/2014	<120	65	<10	48 J	57	630	<40	58,000	<40	12 J	73	
	10/21/2014	<600	80 J	<50	<200	79 J	650	<200	100,000	<200	<50	98 J	
	12/10/2014	<3000	<250	<250	<1000	<250	<500	<1000	170,000	<1000	<250	<250	
	3/3/2015	well not accessible due to snow/ice cover											
	4/28/2015	<120	28	<10	<40	<40	230	<40	92,000	<40	<10	57	
	8/13/2015	<60	39	<5	67	65	550	<20	110,000	<20	17	96	
	11/4/2015	<120	19 J	<10	<40	29	300	<40	46,000	<40	<10	40	
	1/6/2016	<300	30 J	<25	<100	48 J	370	<100	73,000	<100	<25	62	
	3/15/2016	<600	<50	<50	<200	<50	110 J	<200	69,000	<200	<50	<50	
5/10/2016	<1200	<100	<100	<200	<100	240 J	<400	150,000	<200	<100	<100		
6/13/2016	<600	<50	<50	<200	<50	540	<200	95,000	<200	<50	62 J		
7/13/2016	<60	28	<5	28 J	33	330	<20	53,000	<20	7 J	47		
9/19/2016	<60	42	<5	54	52	530	<20	86,000	<20	74	13		
11/14/2016	<120	35	<10	<40	38	180	<40	67,000	<40	48	<10		
4/25/2017	<120	<10	<10	<40	11 J	190	<40	8,000	<40	<10	14 J		
6/20/2017	<1,200	160 J	<100	<400	<100	230 J	<400	140,000	<400	<100	<100	Chloromethane 210 µg/L	
7/20/2017	1,400 J	160	<50	<200	78 J	240 J	<200	200,000	<200	<50	100	Chloromethane 160 µg/L	
11/15/2017	650 J	140	<50	<200	110	140 J	<50	100,000	<200	<50	140		

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Groundwater Analytical Data Summary - Volatile Organic Compounds (VOCs)
Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		50	1	7	NS	5	NS	5	5	NS	5	5	
MP-25 (Cont.) (Dup.)	2/27/2018	<300	91	<25	<100	71	250 J	<25	170,000	<100	<25	96	
	2/27/2018	300 J	87	<25	<100	71	240 J	<25	180,000	<100	<25	94	
	7/16/2018	280	63	<3	<10	30	47	<3	140,000	<10	6	41	2-butanone - 31 J µg/L; carbon disulfide - 32 µg/L; chlorobenzene - 3 J µg/L; chloromethane - 5 µg/L; 4-methyl-2-pentanone - 60 µg/L
	9/11/2018	910 J	160	<20	35 J	96 J	250 J	<30	160,000	<20	<40	130 J	2-butanone - 71 J µg/L; carbon disulfide - 46 µg/L
	4/30/2019	260	160	10 J	43 J	68	430	<15	170,000	<10	<20	100 J	4-methyl-2-pentanone - 240 J ug/L Chlorobenzene - 11 J ug/L
	7/18/2019	620 JR	110 J	<1,000 R	<2,000	<1,000 R	330 J	<1,000 R	53,000 D	<1,000 R	<1,000 R	40 J	4-methyl-2-pentanone - 130 J µg/L; carbon disulfide - 130 J µg/L
	9/12/2019	<10,000 R	410 J	1,800 J	<10,000 R	<5,000 R	710 J	<5,000 R	170,000 J	<5,000 R	<5,000 R	<5,000 R	Dichloromethane - 460 JR µg/L
	11/20/2019	<5,000	200 J	<2,500	<5,000	<2,500	400 J	<2,500	140,000 D	<2,500	<2,500	<2,500	4-methyl-2-pentanone - 170 J µg/L
	7/13/2020	<2,500 R	<100 R	780 J	<130 R	<100 R	200 J	<330 R	60,000 J	<130 R	<100 R	<100 R	Bromodichloromethane - 170 J µg/L
	8/10/2020	<5,000	<2,500	600 J	<5,000	<2,500	300 J	<2,500	59,000	<2,500	<2,500	<2,500	Bromodichloromethane - 170 J µg/L
10/12/2020	520 J	200 J	<500	39 J	48 J	400 J	<500	110,000 D	<500	<500	79 J	2-butanone - 85 J µg/L; 4-methyl-2-pentanone - 110 J µg/L; carbon disulfide - 79 J µg/L	
MP-26	6/2/2009	<500	<250	<250	<250	<250	<250	<250	8,800	<250	<250	<250	
	8/25/2009	<1000	<500	<500	<500	<500	<500	<500	12,000	<500	<500	<500	
	2/18/2010	<5000	<2500	<2500	<2500	<2500	<2500	<2500	64,000	<5000	<2500	<2500	
	10/19/2011	470 J	<500	<500	<500	<500	<500	280 J	13,000	<1000	<500	<500	
	12/8/2011	730 J	<500	<500	<500	<500	<500	450 JB	14,000	<1000	<500	<500	
	2/22/2012	480 JB	<500	<500	<500	<500	<500	210 JB	13,000	<1000	<500	<500	
	5/3/2012	<1000	<500	<500	<500	<500	<500	<500	13,000	<1000	<500	<500	
	7/17/2012	<1000	<500	<500	<500	<500	<500	<500	10,000	<1000	<500	<500	
	2/5/2013	<4000	<2000	<2000	<2000	<2000	<2000	<2000	69,000	<4000	<2000	<2000	
	4/18/2013	<120	20 J	<16	<40	<16	<20	<40	33,000	<40	<16	<16	
	6/6/2013	<30	3 J	<4	<10	<4	<5	<10	3,600	<10	<4	<4	
	12/10/2013	<300	30 J	<40	<100	<40	<50	<100	64,000	<100	<40	<40	
	6/3/2014	<600	<50	<50	<200	<50	<100	<200	41,000	<200	<50	<50	
	8/28/2014	<300	<25	<25	<100	<25	<50	<100	17,000	<100	<25	<25	
	10/21/2014	<60	6 J	<5	<20	<5	<10	<20	12,000	<20	<5	<5	
	12/10/2014	<120	10 J	<10	<40	<10	<20	<40	23,000	<40	<10	<10	
	3/3/2015	<6	17	<0.5	2 J	8	26	<2	29,000	3 J	4	16	Chlorobenzene - 2 µg/L
4/28/2015	<300	<25	<25	<100	<25	<50	<100	23,000	<100	<25	<25		
8/13/2015	<60	8 J	<5	<20	<5	<10	<20	13,000	<20	<20	8 J		
11/4/2015	<60	6 J	<5	<20	<5	<10	<20	12,000	<20	<10	9 J		

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Groundwater Analytical Data Summary - Volatile Organic Compounds (VOCs)
Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MP-26 (Cont.)	1/6/2016	<120	10 J	<10	<40	11 J	<20	<40	17,000	<40	<10	19 J	
	3/15/2016	<300	<25	<25	<100	<25	<50	<100	14,000	<100	<25	<25	
	5/10/2016	<120	18 J	<10	<40	10 J	<40	<20	25,000	<40	<10	21	
	6/14/2016	<60	8 J	<5	<20	<5	<10	<20	18,000	<20	<5	9 J	
	7/13/2016	<120	<10	<10	<40	<10	<40	<40	12,000	<40	<10	<10	
	9/20/2016	<300	<25	<25	<100	<25	<50	<100	16,000	<100	<25	<25	
	4/26/2017	<60	<5	<5	<20	<5	<10	<20	8,100	<20	<5	<5	
	6/20/2017	<1,200	190 J	<100	<400	<100	<200	<400	210,000	<400	<100	<100	
	7/20/2017	<600	150	<50	<200	<60	<100	<200	250,000	<200	<50	81 J	
	11/15/2017	<600	94 J	<50	<200	<50	110 J	<50	150,000	<200	<50	72 J	
	2/27/2018	93	78	<1	8 J	38	100	<1	130,000	25	16	70	2-butanone - 7 J µg/L; carbon disulfide - 12 µg/L; chlorobenzene - 18 µg/L; 4-methyl-2-pentanone - 71 µg/L
	7/17/2018	770	170	<5	<20	26	18 J	<5	140,000	<20	13	52	2-butanone - 34 J µg/L; carbon disulfide - 38 J µg/L; chlorobenzene - 16 µg/L; 4-methyl-2-pentanone - 340 µg/L
	9/11/2018	460 J	130	<20	<20	51 J	37 J	<30	210,000	<20	<40	<100	Carbon disulfide - 36 J µg/L; chlorobenzene - 24 µg/L; 4-methyl-2-pentanone - 440 µg/L
Duplicate	4/30/2019	<180	<50	<50	<50	<100	<50	<75	100,000	<50	<100	<250	
	4/30/2019	<180	<50	<50	<50	<100	<50	<75	99,000	<50	<100	<250	
	7/17/2019	<5,000 R	<2,500 R	<2,500 R	<5,000 R	<5,000 R	120 J	<2,500 R	86,000 J	<2,500 R	<2,500 R	<2,500 R	4-Methyl-2-pentanone - 180 J µg/L
	9/12/2019	<10,000 R	<5,000 R	1,800 J	<10,000 R	<5,000 R	<5,000 R	<5,000 R	150,000 DJ	<5,000 R	<5,000 R	<5,000 R	4-Methyl-2-pentanone - 470 J µg/L; Bromodichloromethane - 500 J µg/L
	11/20/2019	<20,000	<10,000	<10,000	<20,000	<10,000	<20,000	<10,000	110,000	<10,000	<10,000	<10,000	
	7/13/2020	<2,500 R	<100 R	520 J	<130 R	<100 R	<100 R	<330 R	79,000 J	<130 R	<100 R	<100 R	Bromodichloromethane - 140 J µg/L
8/11/2020	<5,000	120 J	670 J	<5,000	<2,500	130 J	<2,500	130,000 D	<2,500	<2,500	120 J	4-Methyl-2-pentanone - 360 J µg/L	
10/13/2020	<10,000	<5,000	<5,000	<10,000	<5,000	<10,000	<5,000	84,000	<5,000	<5,000	<5,000		

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Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MP-27	6/2/2009	<10000	<5000	<5000	<5000	<5000	<5000	6,100	130,000	<5000	<5000	<5000	
	8/25/2009	<5000	<2500	<2500	<2500	<2500	<2500	<2500	50,000	<2500	<2500	<2500	
	2/18/2010	<1000	<500	<500	<500	<500	<500	400 J	13,000	<1000	<500	<500	
	7/19/2012	<20	<10	<10	<10	<10	<10	<10	260	<20	<10	<10	
	2/5/2013	<2000	<1000	<1000	<1000	<1000	<1000	<1000	41,000 EJ	<2000	<1000	<1000	
	4/18/2013	<300	34 J	<40	<100	<40	150 J	<100	67,000	<100	<40	<40	
	6/6/2013	<120	22 J	<16	<40	<16	44 J	<40	31,000	<40	<16	<16	
	12/10/2013	<120	<10	<16	<40	<16	57 J	<40	12,000	<40	<16	<16	
	12/10/2013	<60	10 J	<8	<20	<8	58	<20	12,000	<20	<8	9 J	
	6/3/2014	<15	15	<1	14	9	97	<5	33,000	<13	13	2 J	Chlorobenzene - 2 J µg/L
	8/28/2014	<300	<25	<25	<25	<25	<50	<100	18,000	<100	<25	<25	
	10/21/2014	<60	<5	<5	<20	<5	17 J	<20	8,500	<20	<5	<5	
	12/10/2014	<120	11 J	<10	<40	11 J	67 J	<40	33,000	<40	<10	15 J	
(Dup.)	3/3/2015	<6	4	<0.5	5	4	58	<2	9,400	4 J	1	6	Chlorobenzene - 1 J µg/L
	4/28/2015	<300	<25	<25	<100	<25	54 J	<100	28,000	<100	<25	<25	
	8/13/2015	<60	6 J	<5	<20	7 J	54	<20	14,000	<20	<20	10 J	
	11/4/2015	<60	<5	<5	<20	<5	50 J	<20	5,500	<20	<20	7 J	
	1/6/2016	<30	3 J	<3	12 J	7	59	<10	5,200	<10	<3	9	
	3/15/2016	<60	<5	<5	<20	7 J	69	<20	11,000	<20	<5	10	
	3/15/2016	<120	<10	<10	<40	<10	50 J	<40	12,000	<40	<10	<10	
	5/10/2016	<120	<10	<10	<40	<10	79 J	<40	11,000	<40	<10	12 J	
	6/13/2016	<12	4	<1	6 J	6	55	<4	7,500	<4	1 J	9	
	7/13/2016	<30	<3	<3	<10	3 J	23 J	<10	4,200	<10	<3	4 J	
	9/20/2016	<6	6	<0.5	6	9	77	<2	10,000	5	14	2	
	4/26/2017	<120	<10	<10	<40	<10	52 J	<40	9,400	<40	<10	<10	
	6/20/2017	1,400 J	150	<50	<200	<50	180 J	<200	88,000	<200	<50	<50	Chloromethane 60 J µg/L
7/19/2017	1,500 J	150	<50	<200	<50	100 J	<200	120,000	<200	<50	<50		
11/15/2017	<600	180	<50	<200	<50	<100	<50	150,000	<200	<50	55 J	4-methyl-2-pentanone - 410 J µg/L	

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Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		50	1	7	NS	5	NS	5	5	NS	5	5	
MP-27 (Cont.)	2/27/2018	650 J	160	<25	<100	44 J	87 J	<25	280,000	<100	<25	61	4-methyl-2-pentanone - 500 µg/L
	7/17/2018	1,700	160	<25	<100	<25	<50	<25	32,000	<100	<25	<25	
	9/11/2018	1,200 J	190	<20	<20	<40	68 J	<30	99,000	<20	<40	<100	2-butanone - 78 J µg/L; carbon disulfide - 33 J µg/L; chlorobenzene - 25 J µg/L; 4-methyl-2-pentanone - 450 J µg/L
	4/30/2019	<350	120 J	<100	<100	<200	<100	<150	310,000	<100	<200	<500	4-methyl-2-pentanone - 250 J ug/L
	7/17/2019	<500 R	12 J	<250 R	53 J R	42 J	120 J	<250 R	15,000 DJ	<250 R	34 J	110 J	Carbon Disulfide - 22 J µg/L;
	9/12/2019	<10,000 R	<5,000 R	1,500 J	<10,000 R	<5,000 R	240 J	<5,000 R	120,000 J	<5,000 R	<5,000 R	<5,000 R	4-methyl-2-pentanone - 310 J ug/L; Dichloromethane - 480 JR µg/L
	11/20/2019	<10,000	<5,000	<5,000	<10,000	<5,000	<10,000	<5,000	200,000 D	<5,000	<5,000	<5,000	4-methyl-2-pentanone - 410 J ug/L
	7/13/2020	<500 R	62 J	110 J	<26 R	<20 R	43 J	<65 R	36,000 DJ	<26 R	<20 R	<20 R	2-butanone - 87 J µg/L; 4-methyl-2-pentanone - 120 J µg/L; Bromodichloromethane - 21 J µg/L
8/11/2020	<10	7.7 J	<5.0	29	34	46	<5.0	14,000 D	1.0 J	28	85	2-butanone - 2.1 J µg/L; Carbon Disulfide - 0.60 J µg/L; Chlorobenzene - 0.49 J µg/L; isopropylbenzene - 0.57 J µg/L; cis-1,2-DCE - 0.58 J µg/L	
10/13/2020	<1,000	60 J	<500	<1,000	<500	22 J	<500	66,000 D	<500	<500	32 J	4-methyl-2-pentanone - 190 J ug/L	
MP-28	6/2/2009	<1000	<500	<500	<500	<500	<500	<500	12,000	<500	<500	<500	
	8/25/2009	<10	<5	<5	<5	<5	<5	<5	100	<5	<5	<5	
	2/18/2010	<50	<25	<25	<25	<25	<25	<25	480	<50	<25	<25	
	7/19/2012	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	170	<10	<5.0	<5.0	
	2/5/2013	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	41	<10	<5.0	<5.0	

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Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MP-29 (Dup.)	6/2/2009	<50	<25	<25	<25	<25	<25	<25	690	<25	<25	<25	Tetrachloroethylene 28 µg/L
	8/25/2009	<500	<250	<250	<250	<250	<250	<250	6,000	<250	<250	<250	
	2/18/2010	<500	<250	<250	<250	<250	<250	130 J	5,600	<500	<250	<250	
	7/18/2012	<1000	<500	<500	<500	<500	<500	<500	15,000	<1000	<500	<500	
	2/5/2013	<250	<120	<120	<120	<120	<120	<120	2,300	<250	<120	<120	
	11/3/2015	<120	<10	<10	<40	84	68 J	<40	42,000	<40	120	360	
	3/15/2016	<120	<10	<10	<40	<10	<20	<40	26,000	<40	<10	<10	
	5/10/2016	<120	<10	<10	<40	<10	26 J	<40	10,000	<40	<10	<10	
	6/13/2016	<12	2 J	<1	<4	3	16	<4	5,200	<4	<1	4	
	7/12/2016	<120	<10	<10	<40	<10	<40	<40	11,000	<40	<10	<10	
	9/20/2016	<30	<3	<3	<10	<3	30	<10	7,400	12 J	3 J	<3	
	11/15/2016	<120	<10	<10	<40	<10	<40	<40	11,000	<40	<10	<10	
	4/26/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	16	<2	<0.5	<0.5	
	6/19/2017	<120	<10	<10	<40	<10	<20	<40	10,000	<40	<10	<10	
	7/19/2017	<60	<5	<5	<20	<5	<10	<20	7,100	<20	<5	<5	
	7/19/2017	<60	<5	<5	<20	<5	<10	<20	6,500	<20	<5	<5	
	11/15/2017	<30	<3	<3	<10	<3	<5	<3	3,000	<10	<3	<3	
	7/17/2018	56	<1	<1	<4	<1	<2	<1	870	<4	<1	<1	
	9/11/2018	2 J	5	<0.2	<0.2	<0.4	0.5 J	<0.3	37	<0.2	<0.4	<1	Carbon disulfide - 0.3 J µg/L; chlorobenzene - 0.6 J µg/L; 4-methyl-2-pentanone - 1 J µg/L
	4/30/2019	<0.7	0.2 J	0.4 J	1 J	0.7 J	7	<0.3	940	3 J	<0.4	<1	Chlorobenzene - 0.5 J µg/L
7/17/2019	52 BJR	<50 R	<50 R	<100 R	<50 R	13 J	<50 R	3,600 DJ	<50 R	<50 R	<50 R		
9/12/2019	<1,000	<500	110 J	<1,000	<500	31 J	<500	12,000	<500	<500	<500		
7/13/2020	<130 R	<5.0 R	<6.0 R	<6.5 R	<5.0 R	21 J	<17 R	14,000 DJ	<6.5 R	<5.0 R	7.6 J		
8/10/2020	<1,000	<500	100 J	<1,000	<500	37 J	<500	17,000	29 J	<500	22 J	Bromodichloromethane - 28 J µg/L	
10/13/2020	<1,000	<500	<500	<1,000	<500	36 J	<500	16,000	<500	<500	<500		

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Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MP-30	4/8/2009	<1000	<500	<500	<500	<500	<500	<500	19,000	<1000	<500	<500	
	8/25/2009	<200	<100	<100	<100	<100	<100	<100	2,300	<100	<100	<100	
	2/18/2010	<1000	<500	<500	<500	<500	<500	<500	14,000	<1000	<500	<500	
	(Dup.) 2/18/2010	<2000	<1000	<1000	<1000	<1000	<1000	<1000	18,000	<2000	<1000	<1000	
	(Dup.) 5/10/2011	<200 J	<100 J	<100 J	<100 J	<100 J	<100 J	<100 J	4,200 DJ	<200 J	<100 J	<100 J	
	5/10/2011	<250	<120	<120	<120	<120	<120	<120	4,400	<250	<120	<120	
	5/12/2011	<1100 J	<500 J	<500 J	<500 J	<500 J	<500 J	<500 J	17,000 J	<1000 J	<500 J	<500 J	
	12/8/2011	590 J	<500	<500	<500	<500	<500	410 JB	9,900	<1000	<500	<500	
	5/2/2012	<1000	<500	<500	<500	<500	<500	<500	11,000	<1000	<500	<500	
	11/29/2012	<1000	<500	<500	<500	<500	<500	<500	11,000	<1000	<500	<500	
	2/6/2013	<250	<120	<120	<120	<120	<120	<120	2,500	<250	<120	<120	
4/16/2013	<60	8 J	<8	<20	<8	<10	<20	8,900	<20	<8	<8		
11/4/2015	<12	7	<1	<4	<1	<2	<4	1,600	<4	<1	1 J		
MP-31	6/2/2009	<10	<5	<5	<5	<5	4.4 J	5.6	<5	<5	<5	<5	
	2/17/2010	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
MP-32	6/2/2009	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	
	2/17/2010	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
MP-33	4/8/2009	<20	<10	<10	<10	<10	<10	<10	350	22	<10	<10	
	8/24/2009	<10	<5	<5	<5	<5	<5	<5	8.8	<5	<5	<5	
	2/17/2010	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
MP-34	5/11/2011	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	7/25/2011	<5.4	<5	<5	<5	<5	<5	<6.3	<5	<10	<5	<5	
MP-35	5/11/2011	<500	<250	<250	<250	<250	<250	<250	7,400	300 J	<250	<250	
	7/17/2012	<10	<5.0	<5.0	<5.0	3.3 J	110	<5.0	4.2 J	130	<5.0	4.6 J	
MP-36	10/19/2011	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	2/21/2012	5.9 JB	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	
	(Dup.) 2/21/2012	8.2 JB	<5.0	<5.0	<5.0	<5.0	<5.0	4.8 JB	<5.0	<10	<5.0	<5.0	

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<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MP-37 (Dup.)	10/19/2011	4,900 J	<5000	<5000	<5000	<5000	<5000	3,100 J	190,000	<10000	<5000	<5000	
	12/8/2011	<10000	<5000	<5000	<5000	<5000	<5000	3,900 JB	170,000	<10000	<5000	<5000	
	12/8/2011	<10000	<5000	<5000	<5000	<5000	<5000	5,100 B	160,000	<10000	<5000	<5000	
	2/21/2012	3,000 JB	<2500	<2500	<2500	<2500	<2500	1,800 B	96,000	<10000	<2500	<2500	
	5/3/2012	4,000 J	<2500	<2500	<2500	<2500	<2500	<2500	56,000	<5000	<2500	<2500	
	7/18/2012	<5000	<2500	<2500	<2500	<2500	<2500	<2500	54,000	<5000	<2500	<2500	
	11/29/2012	<5000	<2500	<2500	<2500	<2500	<2500	<2500	80,000	<5000	<2500	<2500	
	2/6/2013	<10000	<5000	<5000	<5000	<5000	<5000	<5000	110,000	<10000	<5000	<5000	
	4/16/2013	<120	22 J	<16	<40	<16	22 J	<40	33,000	49 J	<16	<16	
	6/4/2013	<120	23 J	<16	<40	<16	26 J	<40	40,000	51 J	<16	<16	
	12/10/2013	<300	89 J	<40	<100	<40	50 J	<100	110,000	120 J	<40	<40	
	6/2/2014	<1200	120 J	<100	<400	<100	<200	<400	110,000	<400	<100	<100	
	8/27/2014	<120	68	<10	<40	15 J	84 J	<40	91,000	200	<10	22	
	12/10/2014	<600	81 J	<50	<200	<50	<100	<200	130,000	<200	<50	<50	
	3/3/2015	<6	13	<0.5	6	6	30	<2	13,000	67	2	9	Chlorobenzene - 1 J µg/L
	4/28/2015	<600	<50	<50	<200	<50	<100	<200	70,000	<200	<50	<50	
	8/13/2015	<60	49	<5	<20	14	54	<20	61,000	98	<5	19	
	11/4/2015	<120	69	<10	<40	14 J	58 J	<40	79,000	130	<10	20	
	1/6/2016	<120	69	<10	<40	17 J	74 J	<40	68,000	<40	<10	22	
	3/14/2016	150 J	78	<5	<20	25	91	<20	120,000	<20	8 J	40	
4/14/2016	<600	64 J	<50	<200	<50	<100	<200	100,000	210 J	<50	<50	Carbon disulfide - 15 J µg/L; chlorobenzene - 8 J µg/L; chloromethane - 5 J µg/L	
5/10/2016	<1200	<100	<100	<200	<100	<200	<400	100,000	<200	<100	<100		
6/13/2016	<600	<50	<50	<200	<50	<100	<200	57,000	<200	<50	<50		
7/12/2016	150 J	24	<10	<40	<10	29 J	<40	31,000	<40	<10	<10		
8/2/2016	<300	46 J	<25	<100	<25	<50	<100	71,000	<100	<25	<25		
9/19/2016	<300	35 J	<25	<100	<25	68 J	<100	57,000	150 J	27 J	<25		
11/14/2016	<120	34	<10	<40	14 J	35 J	<40	59,000	70 J	21	<10		

Table 1
Groundwater Analytical Data Summary - Volatile Organic Compounds (VOCs)
Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		50	1	7	NS	5	NS	5	5	NS	5	5	
MP-37 (Cont.)	4/26/2017	<300	60	<25	<100	<25	<50	<100	73,000	<100	<25	<25	Bromodichloromethane - 120 J µg/L
	6/19/2017	<1,200	120 J	<100	<400	<100	<200	<400	180,000	<400	<100	<100	
	7/19/2017	<600	75 J	<50	<200	<50	<100	<200	150,000	220 J	<50	<50	
	11/15/2017	<120	27	<10	<40	13 J	41 J	<10	43,000	<40	<10	19 J	
	2/27/2018	<300	30 J	<25	<100	<25	<50	<25	60,000	<100	<25	<25	
	7/17/2018	<300	<25	<25	<100	<25	<50	<25	41,000	<100	<25	<25	
	9/11/2018	<70	29 J	<20	23 J	<40	57 J	<30	57,000	<20	<40	<100	
	9/11/2018	<70	28 J	<20	<20	<40	67 J	<30	57,000	<20	<40	<100	
	4/30/2019	<70	23 J	<20	<20	<40	<20	<30	30,000	<20	<40	<100	
	7/17/2019	<110 R	25 J	<12 R	82 J R	18 J	93 J	<250 R	19,000 DJ	120 J	<10 R	34 J	
	7/17/2019	<110 R	26 J	<12 R	95 J R	17 J	110 J	<250 R	18,000 DJ	140 J	<10 R	33 J	
	9/12/2019	<2,500	<1,300	460 J	<2,500	<1,300	<2,500	<1,300	24,000	81 J	<1,300	<1,300	
	11/20/2019	<1,000	23 J	<500	<1,000	<500	50 J	<500	19,000 D	44 J	<500	<500	
	11/20/2019	<2,000	<1,000	<1,000	<1,000	<1,000	<2,000	<1,000	18,000	<1,000	<1,000	<1,000	
(Dup.)	7/13/2020	<250 R	<10 R	<12 R	39 J	<10 R	50 J	<33 R	7,500 J	80 J	<10 R	12 J	
	7/13/2020	<250 R	<10 R	<12 R	47 J	<10 R	48 J	<33 R	7,400 J	85 J	<10 R	<10 R	
(Dup.)	8/10/2020	<500	27 J	<250	<500	17 J	61 J	<250	54,000 D	110 J	<250	28 J	
	8/10/2020	<500	32 J	18 J	75 J	15 J	75 J	<250	55,000 D	140 J	<250	33 J	
(Dup.)	10/13/2020	<1,000	<500	<500	53 J	<500	42 J	<500	17,000	66 J	<500	<500	
MP-38	10/20/2011	24 J	<25	<25	13 J	<25	60	15 J	500	<50	<25	<25	
MP-39	10/18/2011	52 J	<50	<50	<50	<50	<50	60	1,700	<100	<50	<50	
	11/4/2015	<6	4	<0.5	<2	<0.5	3 J	<2	750	<2	<0.5	0.5 J	
	11/14/2017	<120	46	<10	<40	<10	<20	<10	29,000	<40	<10	<10	
	2/27/2018	<12	7	<1	<4	<1	3 J	<1	1,100	<4	<1	<1	
	9/11/2018	1 J	5	<0.2	<0.2	0.5 J	4 J	<0.3	1,600	<0.2	<0.4	<1	
	12/6/2018	21	6	<0.2	0.9 J	0.5 J	2 J	<0.3	740	<0.2	<0.4	<1	
	4/30/2019	12 J	7	0.2 J	1 J	0.5 J	2 J	<0.3	1,100	1 J	<0.4	<1	
	9/12/2019	<50	2.6 J	1.3 J	<50	<25	3.3 J	<25	600	<25	<25	<25	
	9/12/2019	<50	2.3 J	<25	<50	<25	2.6 J	<25	540	<25	<25	<25	
	11/20/2019	8.7 BJ	4.2 J	<10	<20	<10	4.2 J	<10	240	<10	<10	0.52 J	
(Dup.)	7/13/2020	<130 R	17 J	<6.0 R	<6.5 R	<5.0 R	<5.0 R	<17 R	3,500 J	<6.5 R	<5.0 R	<5.0 R	
	10/13/2020	<20	34	<10	18 J	2.1 J	19 J	<10	15,000 D	23	1.5 J	4.3 J	
MP-40	7/17/2012	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	
	6/3/2014	<6	<0.5	<0.5	<2	<0.8	<1	<2	<0.5	<2	<0.5	<0.5	
IS-1	8/24/2009	<10	<5	<5	<5	<5	<5	5.1	4.4 J	<5	<5	<5	
	2/18/2010	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5.0	
IS-2	8/24/2009	<50	<25	<25	<25	<25	<25	<25	900	<25	<25	<25	cis-1,3-Dichloropropene - 8.9 J µg/L
	2/17/2010	<500	<250	<250	<250	<250	<250	<250	5,500	<500	<250	<250	

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Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes	
<i>NYS Standard/Guidance Value</i>		50	1	7	NS	5	NS	5	5	NS	5	5		
OFF-SITE MONITORING WELL/POINTS														
MW-18	5/3/2006	<50	<50	<50	<50	<50	<50	21 JB	580	<50	<50	<50		
	8/22/2006	<50	<50	<50	<50	<50	<50	<50	590	<50	<50	<50		
	12/20/2006	<10	<10	<10	<10	<10	<10	4 JB	<10	<10	<10	<10		
	3/14/2007	<100	<100	<100	<100	<100	<100	<100	1,400	<100	<100	<100		
	5/23/2007	<100	<100	<100	<100	<100	<100	<100	580	<100	<100	<100		
	9/21/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	12/11/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	3/27/2008	<200	<200	<200	<200	<200	<200	<200	1,900	<200	<200	<200		
	6/25/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	8/26/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	12/16/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	4/7/2009	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5		
	6/8/2009	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
	11/4/2009	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	Chloromethane - 620 E µg/L	
	2/19/2010	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5		
	5/9/2011	<20	<10	<10	<10	<10	<10	<10	<10	290	<20	<10	<10	
	7/27/2011	<8.3	<5	<5	<5	<5	<5	<5	<7.3	<5	<10	<5	<5	
	5/3/2012	6.8 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	
	11/28/2012	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	
	4/18/2013	<6	<0.5	<0.8	<2	<0.8	<1	<2	<0.7	<2	<0.8	<0.8	<0.8	
	6/2/2014	<6	<0.5	<0.5	<2	<0.8	<1	<2	<0.5	<2	<0.5	<0.5	<0.5	
	12/9/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	<0.5	
	8/12/2015	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	<0.5	
1/7/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	<0.5		
7/12/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	<0.5		
4/24/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	<0.5		
11/14/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	<0.5		
9/12/2018	<0.7	<0.2	<0.2	<0.2	<0.4	<0.2	<0.3	<0.2	<0.2	<0.2	<0.4	<1		
9/11/2019	<10	<5.0	<5.0	<10	<5.0	<5.0	2.2 J	<5.0	<5.0	<5.0	<5.0	<5.0		
10/13/2020	<10	<5.0	<5.0	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	Chloromethane - 0.40 BJ µg/L	

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Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes	
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>		
MW-19 (& Dup.) (Dup.)	5/3/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	8/22/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	12/20/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	3/14/2007	<10	<10	<10	<10	<10	<10	<10	6 J	<10	<10	<10		
	5/23/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	9/21/2007	<10	<10	<10	<10	<10	<10	<10	18	<10	<10	<10		
	12/11/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	3/28/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	3/28/2008	<10	<10	<10	<10	<10	<10	<10	7.9 J	<10	<10	<10		
	6/25/2008	<10	<10	<10	<10	<10	<10	5.1 J	<10	<10	<10	<10		
	8/26/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	12/16/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	4/7/2009	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5		
	6/8/2009	11	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
	11/4/2009	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5		
	2/19/2010	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5		
	5/9/2011	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5		
	5/3/2012	<10	<5.0	<5.0	<5.0	<5.0	<5.0	3.9 J	<5.0	3.2 J	<10	<5.0	<5.0	
	11/28/2012	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0		
	4/18/2013	<6	<0.5	<0.8	<2	<0.8	<1	<2	<0.7	<2	<0.8	<0.8		
	6/2/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5		
12/9/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5			
8/12/2015	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5			
1/7/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	0.8 J	<2	<0.5	<0.5			
7/12/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5			
4/24/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	14	<2	<0.5	<0.5			
11/14/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5			
9/12/2018	<0.7	<0.2	<0.2	<0.2	<0.4	<0.2	<0.3	<0.2	<0.2	<0.4	<1			
9/11/2019	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	0.54 J	<5.0	<5.0	0.27 J			
10/13/2020	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	0.85 J	<5.0	<5.0	<5.0			
MP-5	2/18/2004	<10	<5	1 J	<5	<5	<5	4 JB	44	<10	<5	<5		
	6/14/2004	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5		
	10/27/2004	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	4/7/2005	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	8/27/2008	<10	<10	<10	<10	<10	2.0 J	<10	<10	<10	<10	<10		
12/16/2008	<10	<10	<10	3.1 J	<10	4.5 J	<10	<10	<10	<10	<10			

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Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MP-6 (& Dup.)	6/14/2004	410 JB	<500	<500	<500	<500	<500	<500	9,100	<1000	<500	<500	
	10/27/2004	<10	<10	<10	<10	<10	<10	<10	120/150	<10	<10	<10	
(Dup.)	4/7/2005	<10	<10	<10	<10	<10	<10	<10	6 J	<10	<10	<10	
	6/23/2005	<500	<500	<500	<500	<500	<500	<500	7,900	<500	<500	<500	
	10/25/2005	<10	<10	<10	<10	<10	<10	4 JB	6 J	<10	<10	<10	
	10/25/2005	<10	<10	<10	<10	<10	<10	<10	4 J	<10	<10	<10	
	5/2/2006	<10	3 J	<10	<10	<10	<10	5 JB	150	<10	<10	<10	
	8/22/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	12/20/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	5/23/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
(& Dup.)	9/20/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	12/11/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
(Dup.)	3/26/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	6/25/2008	<500	<500	<500	<500	<500	<500	<500	5,600	<500	<500	<500	
(Dup.)	8/27/2008	<100	<100	<100	<100	<100	<100	<100	1,600	<100	<100	<100	
	8/27/2008	<100	<100	<100	23 J	<100	<100	<100	1,200	<100	<100	<100	
(cont.)	12/16/2008	<10	<10	<10	32	<10	8.6 J	<10	<10	<10	<10	<10	
	4/7/2009	<10	<5	<5	62	<5	25	<5	<5	<10	<5	<5	
(cont.)	6/1/2009	<100	<50	<50	100	<50	120	88 B	1,800	<50	<50	<50	
	11/4/2009	<10	<5	<5	95	<5	110	<5	<5	<10	<5	<5	
(cont.)	2/17/2010	<10	<5	<5	<5	<5	<5	<5	2.7 J	<10	<5	<5	
	5/12/2011	<10	<5	<5	46	<5	160	<5	<5	<10	<5	<5	
(Dup.)	10/18/2011	<10	<5	<5	63	<5	190	<5	<5	<10	<5	<5	
	5/2/2012	28 JB	<25	<25	67	<25	540	<25	<25	<50	<25	<25	
(Dup.)	11/27/2012	<100	<50	<50	90 J	<50	1,400 J	<50	<50	<100	<50	<50	
	4/17/2013	<6	<0.5	<0.8	51	<0.8	570	<2	0.8 J	<2	<0.8	<0.8	
(Dup.)	6/4/2014	<6	<0.5	<0.8	26/26	<0.8	330/360	<2	<0.5	<2	<0.8	<0.5	
	12/9/2014	<6	<0.5	<0.5	35	<0.5	410	<2	<0.5	<2	<0.5	<0.5	
(Dup.)	8/12/2015	<6	<0.5	<0.5	24	<0.5	390	<2	<0.5	<2	<0.5	<0.5	1,2-Dichloropropane - 10 µg/L
	1/6/2016	<6	<0.5	<0.5	15	<0.5	370	<2	<0.5	<2	<0.5	<0.5	
(Dup.)	1/6/2016	<6	<0.5	<0.5	24	<0.5	360	<2	<0.5	<2	<0.5	<0.5	
	7/12/2016	<6	<0.5	<0.5	12	<0.5	260	<2	<0.5	<2	<0.5	<0.5	
(Dup.)	4/24/2017	<6	<0.5	<0.5	5	<0.5	110	<2	<0.5	<2	<0.5	<0.5	
	11/14/2017	<6	<0.5	<0.5	5 J	<0.5	130	<2	<0.5	<2	<0.5	<0.5	
(Dup.)	9/12/2018	<0.7	<0.2	<0.2	0.9 J	<0.4	27	<0.3	<0.2	<0.2	<0.4	<1	
	9/11/2019	<10	<5.0	<5.0	<10	<5.0	0.72 J	<5.0	<5.0	<5.0	<5.0	<5.0	
(Dup.)	10/13/2020	<10	<5.0	<5.0	<10	<5.0	0.69 J	<5.0	<5.0	<5.0	<5.0	<5.0	Chloromethane - 0.38 BJ µg/L

Table 1
Groundwater Analytical Data Summary - Volatile Organic Compounds (VOCs)
Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MP-7	2/18/2004	<10	<5	2 J	2 J	<5	2 J	5 B	4 J	<10	<5	<5	
	6/14/2004	<10	<5	<5	<5	<5	<5	<5	3 JB	<10	<5	<5	
	10/27/2004	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	4/7/2005	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
well abandoned in December 2008													
MP-13	9/9/2004	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	10/25/2005	<10	<10	<10	<10	<10	<10	4 JB	<10	<10	<10	<10	
well abandoned in December 2008													
MP-14 (& Dup.) (& Dup.) (& Dup.) (& Dup.) (Dup.) (cont.)	9/9/2004	76	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	850	<5.0	<5.0	<5.0	
	4/7/2005	<10	<10	<10	<10	<10	<10	<10	46/48	<10	<10	<10	
	6/23/2005	<10	<10	<10	<10	<10	<10	<10	110/170	<10	<10	<10	
	10/25/2005	<10	<10	<10	6 J	<10	<10	<10	7 J	<10	<10	<10	
	5/3/2006	<10	<10	<10	<10	<10	<10	5 JB	<10	<10	<10	<10	
	8/22/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	12/19/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	5/23/2007	<10	<10	<10	<10	<10	<10	<10	4 J	<10	<10	<10	
	9/20/2007	<100	<100	<100	<100	<100	<100	<100	870	<100	<100	<100	
	12/11/2007	<100	<100	<100	<100	<100	<100	<100	1,400	<100	<100	<100	
	3/27/2008	<200	<200	<200	<200	<200	<200	<200	3,100	<200	<200	<200	
	6/25/2008	<10	<10	<10	<10	<10	<10	<10	10	<10	<10	<10	
	8/26/2008	<10	<10	<10	<10	<10	<10	<10	140	<10	<10	<10	
	12/17/2008	<10	<10	<10	<10	<10	<10	<10	38/48	<10	<10	<10	
	4/7/2009	<10	<5	<5	<5	<5	<5	<5	67/68	<10	<5	<5	
	6/1/2009	<10	<5	<5	<5	<5	<5	<5	14	<5	<5	<5	
	11/3/2009	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
11/3/2009	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5		
2/17/2010		8.2 J	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	

Table 1
Groundwater Analytical Data Summary - Volatile Organic Compounds (VOCs)
Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MP-14 (cont.) (& Dup.)	5/9/2011	<10	<5	<5	<5	<5	12	<5	85	<10	<5	<5	
	4/17/2013	<6	<0.5	<0.8	<2	<0.8	10	<2	180	<2	<0.8	<0.8	
	6/4/2013	<6	<0.5	<0.8	3 J/3 J	<0.8	5 J/4 J	<2	23/21	<2	<0.8	<0.8	
	12/9/2013	<6	<0.5	<0.8	<2	<0.8	22	<2	8	<2	<0.8	<0.8	
	6/4/2014	<6	<0.5	<0.5	<2	<0.5	9	<2	5	<2	<0.5	<0.5	
	12/9/2014	<6	<0.5	<0.5	<2	<0.5	7	<2	1	<2	<0.5	<0.5	
	8/12/2015	<6	<0.5	<0.5	<2	<0.5	2 J	<2	<0.5	<2	<0.5	<0.5	
	1/6/2016	<6	<0.5	<0.5	<2	<0.5	12	<2	1	<2	<0.5	<0.5	
	7/12/2016	<6	<0.5	<0.5	<2	<0.5	17	<2	0.8 J	<2	<0.5	<0.5	
	4/24/2017	<6	<0.5	<0.5	<2	<0.5	7	<2	9	<2	<0.5	<0.5	
	11/14/2017	<6	<0.5	<0.5	<2	<0.5	9	<2	<0.5	<2	<0.5	<0.5	
9/12/2018	<0.7	<0.2	<0.2	0.4 J	<0.4	7	<0.3	<0.2	<0.2	<0.4	<1		
9/11/2019	<10	<5.0	<5.0	<10	<5.0	8.4 J	<5.0	1.1 J	<5.0	<5.0	0.26 J		
10/13/2020	<10	<5.0	<5.0	<10	<5.0	6.3 J	<5.0	0.22 J	<5.0	<5.0	<5.0	Chloromethane - 0.49 BJ µg/L	
MP-15 (Dup.)	9/9/2004	12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	9/9/2004	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	12/17/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
MP-16	9/9/2004	13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	5/23/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	9/20/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	12/11/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	6/25/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	8/26/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	4/7/2009	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
6/8/2009	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5		
MP-17	9/7/2004	<2500	<1200	<1200	<1200	<1200	<1200	<1200	10,000	<2500	<1200	<1200	
	10/27/2004	<250	<250	<250	<250	<250	<250	<250	4,800	<250	<250	<250	
	4/7/2005	<10	<10	<10	<10	<10	12	<10	1,400 E	<10	<10	<10	
	4/7/2005	<200	<200	<200	<200	<200	<200	<200	1,400 D	<200	<200	<200	
	6/23/2005	<100	<100	<100	<100	<100	<100	<100	1,200	<100	<100	<100	
	10/25/2005	<200	<200	<200	<200	<200	<200	340	1,900	<200	<200	<200	
	5/3/2006	<10	<10	<10	<10	<10	<10	<10	160	<10	<10	<10	
	12/19/2006	<10	<10	<10	<10	<10	6 J	<10	180	<10	<10	<10	
	3/14/2007	<10	<10	<10	<10	<10	<10	<10	78	<10	<10	<10	
5/23/2007	<200	<200	<200	<200	<200	<200	<200	2,200	<200	<200	<200		
9/20/2007	<10	<10	<10	<10	<10	<10	<10	330/540 E	<10	<10	<10		

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Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MP-17 (Cont.) (& Dup.)	12/11/2007	<20	<20	<20	<20	<20	<20	<20	220	<20	<20	<20	Chloromethane - 680 E µg/L 4-Methyl-2-pentanone - 2.8 J µg/L
	3/27/2008	<20	<20	<20	<20	<20	<20	<20	240	<20	<20	<20	
	6/25/2008	<10	<10	<10	<10	<10	<10	<10	8.3 J/8.4	<10	<10	<10	
	8/26/2008	<10	<10	<10	<10	<10	<10	<10	4.3 J	<10	<10	<10	
	12/17/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	4/7/2009	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	6/8/2009	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	
	11/4/2009	<10	<5	<5	<5	<5	<5	<5	8.5	<10	<5	<5	
	2/17/2010	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	5/9/2011	<10 J	<5 J	<5 J	<5 J	<5 J	<5 J	<5 J	4.7 J	<10 J	<5 J	<5 J	
	10/18/2011	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	5/2/2012	5.9 J	<5.0	<5.0	<5.0	<5.0	2.7	<5.0	3.0 J	<10	<5.0	<5.0	
	11/28/2012	<10	<5.0	<5.0	<5.0	<5.0	1.9 J	<5.0	<5.0	<10	<5.0	<5.0	
	4/18/2013	<6	<0.5	<0.8	<2	<0.8	1 J	<2	<0.7	<2	<0.8	<0.8	
	6/2/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	12/9/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	8/12/2015	<6	<0.5	<0.5	<2	<0.5	3 J	<2	<0.5	<2	<0.5	<0.5	
	1/6/2016	<6	<0.5	<0.5	<2	<0.5	1 J	<2	<0.5	<2	<0.5	<0.5	
	7/12/2016	<6	<0.5	<0.5	<2	<0.5	4 J	<2	<0.5	<2	<0.5	<0.5	
4/24/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5		
11/14/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5		
9/12/2018	<0.7	<0.2	<0.2	<0.2	<0.4	<0.2	<0.3	<0.2	<0.2	<0.4	<1		
9/11/2019	<10	<5.0	<5.0	<10	<5.0	0.58 J	<5.0	1.7 J	<5.0	<5.0	0.41 J		
10/13/2020	<10	<5.0	<5.0	<10	<5.0	1.6 J	<5.0	<5.0	<5.0	<5.0	<5.0	Chloromethane - 0.42 BJ µg/L	
MP-18	10/27/2004	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	2-Butanone - 10 µg/L; methyl acetate - 7 J µg/L
	4/7/2005	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	6/23/2005	<10	<10	<10	<10	<10	<10	4 J	<10	<10	<10	<10	
	10/25/2005	<10	<10	<10	<10	<10	<10	7 J	<10	<10	<10	<10	
	5/3/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	8/21/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	12/19/2006	17	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	5/23/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	9/20/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	3/27/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	6/25/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	8/26/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	5/2/2012	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	
11/28/2012	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0		
4/17/2013	<6	<0.5	<0.8	<2	<0.8	<1	<2	<0.7	<2	<0.8	<0.8		

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Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MP-19	6/23/2005	13	<10	<10	<10	<10	<10	4 J	<10	<10	<10	<10	
	5/3/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	6/2/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	12/9/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	8/12/2015	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	1/7/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	7/12/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	4/24/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	11/14/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	9/12/2018	<0.7	<0.2	<0.2	<0.2	<0.4	<0.2	<0.3	<0.2	<0.2	<0.4	<1	
9/11/2019	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0		
	10/13/2020	<10	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	Chloromethane - 0.38 BJ µg/L
MP-20	10/27/2004	10	<10	12	<10	<10	<10	<10	<10	<10	<10	<10	Bromodichloromethane - 3 J µg/L
		well abandoned in December 2008											
MP-21	10/27/2004	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
		well abandoned in December 2008											
MP-22	11/15/2004	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	4/7/2005	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	6/23/2005	<10	<10	<10	<10	<10	<10	4 J	<10	<10	<10	<10	
	10/25/2005	<10	<10	<10	<10	<10	<10	7 J	<10	<10	<10	<10	
	5/2/2006	<10	<10	<10	<10	<10	<10	5 JB	10 J	<10	<10	<10	
	(& Dup.) 8/21/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	(& Dup.) 12/19/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	(& Dup.) 3/14/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	(& Dup.) 5/23/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	9/21/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	12/11/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	3/26/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	6/25/2008	<10	<10	<10	<10	<10	<10	<10	<10	58	<10	<10	
	8/28/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	12/17/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	(& Dup.) 4/7/2009	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
6/8/2009	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
(cont.) 11/4/2009	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5		

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Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
MP-22 (cont.)	2/19/2010	<10	<5	4.5 J	<5	<5	<5	<5	<5	<10	<5	<5	Chloromethane - 0.48 BJ µg/L
	5/9/2011	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	5/3/2012	6.1 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	
	11/28/2012	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	
	4/17/2013	<6	<0.5	<0.8	<2	<0.8	<1	<2	<0.7	<2	<0.8	<0.8	
	6/4/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	12/8/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	8/12/2015	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	3/15/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	7/12/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	4/24/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	11/14/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
9/12/2018	<0.7	<0.2	<0.2	<0.2	<0.4	<0.2	<0.3	<0.2	<0.2	<0.4	<1		
9/11/2019	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0		
10/13/2020	<10	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0		
32 Craig St.1	10/26/2005	<10	<10	<10	<10	<10	<10	6 J	<10	<10	<10	<10	
32 Craig St.2	10/26/2005	<10	<10	<10	<10	<10	<10	5 J	<10	<10	<10	<10	

Table 1
Groundwater Analytical Data Summary - Volatile Organic Compounds (VOCs)
Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		50	1	7	NS	5	NS	5	5	NS	5	5	
QA/QC SAMPLES													
TB	12/7/1993	<10	<10	<10	NA	<10	NA	<10	<10	<10	1 JB		2-Butanone - 18 µg/L
	2/18/2004	<10	<5	<5	<5	<5	<5	5 JB	<5	<10	<5	<5	
	2/20/2004	<10	<5	<5	<5	<5	<5	10 B	<5	<10	<5	<5	
	6/16/2004	19 B	<5	<5	<5	<5	<5	8	<5	<10	<5	<5	
	9/7/2004	14 B	<5	<5	<5	<5	<5	6 J	<5	<5	<5	<5	
	9/9/2004	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	10/26/2004	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	10/28/2004	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	11/15/2004	19	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	4/8/2005	9 JB	<10	<10	<10	<10	<10	2 JB	<10	<10	<10	<10	
	6/23/2005	16	<10	<10	<10	<10	<10	4 J	<10	<10	<10	<10	
	10/25/2005	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	5/2/2006	14	<10	<10	<10	<10	<10	7 JB	<10	<10	<10	<10	
	5/3/2006	11	<10	<10	<10	<10	<10	6 JB	<10	<10	<10	<10	
	8/21/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	12/19/2006	<10	<10	<10	<10	<10	<10	6 JB	<10	<10	<10	<10	
	3/14/2007	<10	<10	<10	<10	<10	<10	6 JB	<10	<10	<10	<10	
	5/23/2007	8 JB	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	9/21/2007	14	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
	12/11/2007	9.2 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
3/28/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
6/25/2008	<10	<10	8.4 J	<10	<10	<10	<10	<10	<10	<10	<10		
8/26/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
12/16/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
4/7/2009	9.9 J	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5		
6/1/2009	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
(cont.)	6/8/2009	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	

Table 1
Groundwater Analytical Data Summary - Volatile Organic Compounds (VOCs)
Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
TB (cont.)	8/25/2009	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	
	11/4/2009	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	2/19/2010	<10	<5	2.9 J	<5	<5	<5	4 J	<5	<10	<5	<5	
	5/9/2011	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	5/11/2011	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	7/25/2011	7.9 JB	<5	<5	<5	<5	<5	7.4 B	<5	<10	<5	<5	
	10/18/2011	5.8 J	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	12/8/2011	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	2/23/2012	12 B	<5	<5	<5	<5	<5	1.6 JB	<5	<10	<5	<5	
	5/2/2012	7.2 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	
	5/4/2012	7.3 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	
	7/17/2012	7.5 JB	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	
	11/29/2012	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	
	2/6/2013	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	
	4/17/2013	<6	<0.5	<0.8	<2	<0.8	<1	<2	<0.7	<2	<0.8	<0.8	
	4/18/2013	<6	<0.5	<0.8	<2	<0.8	<1	<2	<0.7	<2	<0.8	<0.8	
	6/5/2013	<6	<0.5	<0.8	<2	<0.8	<1	<2	<0.7	<2	<0.8	<0.8	
	6/6/2013	<6	<0.5	<0.8	<2	<0.8	<1	<2	<0.7	<2	<0.8	<0.8	
12/10/2013	<6	<0.5	<0.8	<2	<0.8	<1	<2	<0.7	<2	<0.8	<0.8		
6/4/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5		
8/28/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5		
11/4/2015	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5		

Table 1
Groundwater Analytical Data Summary - Volatile Organic Compounds (VOCs)
Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
TB (cont.)	1/7/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	3/14/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	5/10/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	6/13/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	7/7/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	8/2/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	11/14/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	4/25/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	6/20/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	7/20/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	11/9/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	2/22/2018	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	7/16/2018	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	9/6/2018	<0.7	<0.2	<0.2	<0.2	<0.4	<0.2	<0.3	<0.2	<0.2	<0.4	<1	
	12/5/2018	<0.7	<0.2	<0.2	<0.2	<0.4	<0.2	<0.3	<0.2	<0.2	<0.4	<1	
	4/30/2019	<0.7	<0.2	<0.2	<0.2	<0.4	<0.2	<0.3	<0.2	<0.2	<0.4	<1	
	7/17/2019	2.2 BJ	<5.0 R	<5.0 R	<10 R	<5.0 R	<10 R	<5.0 R	<5.0 R	<5.0 R	<5.0 R	<5.0 R	
	9/12/2019	2.2 J	<5.0 R	<5.0 R	<10 R	<5.0 R	<10 R	<5.0 R	<5.0 R	<5.0 R	<5.0 R	<5.0 R	PCE - 0.25 J µg/L
	11/20/2019	<10	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	
	7/14/2020	<5.0 R	<0.20R	<0.24 R	<0.26 R	<0.20 R	<0.20 R	<0.65 R	<0.20 R	<0.26 R	<0.20 R	<0.20 R	
8/10/2020	<10 R	<5.0 R	<5.0 R	<10 R	<5.0 R	<10 R	<5.0 R	<5.0 R	<5.0 R	<5.0 R	<5.0 R		
10/12/2020	7.0 J	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	2-Butanone - 3.1 J µg/L; 2-hexanone - 0.31 J µg/L; chloromethane - 0.36 BJ µg/L	

Table 1
Groundwater Analytical Data Summary - Volatile Organic Compounds (VOCs)
Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes	
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>		
FB	2/20/2004	<10	<5	<5	<5	<5	<5	10 B	<5	<10	<5	<5		
	6/15/2004	<10	<5	<5	<5	<5	<5	<5	3 JB	<10	<5	<5		
	9/9/2004	<10	<5.0	12	<5.0	<5.0	<5.0	<5.0	2 J	<5.0	<5.0	<5.0		
	10/27/2004	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	11/15/2004	15	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	4/8/2005	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	6/23/2005	16	<10	<10	<10	<10	<10	5 JB	<10	<10	<10	<10		
	10/25/2005	<10	<10	<10	<10	<10	<10	6 J	<10	<10	<10	<10		
	5/2/2006	9 J	<10	<10	<10	<10	<10	5 JB	<10	<10	<10	<10	Chlorobenzene - 7 J µg/L	
	5/3/2006	<10	<10	<10	<10	<10	<10	3 J	<10	<10	<10	<10	Chlorobenzene - 5 J µg/L	
	8/21/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	12/19/2006	<10	<10	<10	<10	<10	<10	6 JB	<10	<10	<10	<10		
	3/14/2007	<10	<10	<10	<10	<10	<10	6 JB	<10	<10	<10	<10		
	5/23/2007	7 JB	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	9/21/2007	8 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	12/11/2007	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	3/26/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	6/25/2008	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	8/26/2008	8.3 JB	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
	12/16/2008	<10	<10	<10	<10	<10	<10	<10	2.4 J	<10	<10	<10	<10	
	4/7/2009	16	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5		
	6/1/2009	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
	6/8/2009	<10	<5	<5	<5	<5	<5	<5	5.1 B	<5	<5	<5	<5	
	11/4/2009	<10	<5	<5	<5	<5	<5	<5	5.4	<5	<10	<5	<5	
	2/19/2010	13	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	
	5/9/2011	<10	<5	<5	<5	<5	<5	<5	<6.3	<5	<10	<5	<5	
7/27/2011	8.2 JB	<5	<5	<5	<5	<5	<5	8.1 B	<5	<10	<5	<5		
10/18/2011	<10	<5	<5	<5	<5	<5	<5	2.2 J	<5	<10	<5	<5		
12/8/2011	<10	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5		
2/21/2012	6.6 JB	<5	<5	<5	<5	<5	<5	1.4 JB	<5	<10	<5	<5		
5/2/2012	5.1 JB	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	3.4 J	<5.0	<10	<5.0	<5.0		
7/17/2012	9.9 JB	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	2.1 J	<5.0	<10	<5.0	<5.0	2-Butanone - 19 µg/L	

Table 1
Groundwater Analytical Data Summary - Volatile Organic Compounds (VOCs)
Former Norton/Nashua - Watervliet, New York

Sample Designation	Sampling Date	Acetone (µg/L)	Benzene (µg/L)	Chloroform (µg/L)	Cyclohexane (µg/L)	Ethylbenzene (µg/L)	Methylcyclohexane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Heptane (µg/L)	o-Xylenes (µg/L)	m,p-Xylenes (µg/L)	Notes
<i>NYS Standard/Guidance Value</i>		<i>50</i>	<i>1</i>	<i>7</i>	<i>NS</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	<i>NS</i>	<i>5</i>	<i>5</i>	
FB (cont.)	2/6/2013	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	cis-1,2-dichloroethene - 1 J µg/L
	6/6/2013	<6	<0.5	<0.8	<2	<0.8	<1	<2	<0.7	<2	<0.8	<0.8	
	12/10/2013	<6	<0.5	<0.8	<2	<0.8	<1	<2	<0.7	<2	<0.8	<0.8	
	6/4/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	8/27/2014	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	11/5/2015	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	1/7/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	3/15/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	5/10/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	6/14/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	7/13/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	9/20/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	11/15/2016	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	4/20/2017	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	6/20/2017	<6	<0.5	<0.5	15	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	7/20/2017	<6	<0.5	<0.5	12	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	11/15/2017	<6	<0.5	<0.5	3 J	<0.5	<1	0.5 J	<0.5	<2	<0.5	<0.5	
	7/12/2018	<6	<0.5	<0.5	<2	<0.5	<1	<2	<0.5	<2	<0.5	<0.5	
	9/13/2018	1 J	<0.2	<0.2	<0.2	<0.4	<0.2	0.8 J	0.8 J	<0.2	<0.4	<1	
	12/5/2018	<0.7	<0.2	<0.2	<0.2	<0.4	<0.2	0.3 J	<0.2	<0.2	<0.4	<1	
4/30/2019	<0.7	<0.2	0.4 J	<0.2	<0.4	<0.2	<0.3	<0.2	<0.2	<0.4	<1		
7/18/2019	10 BJ	<5.0 R	<5.0 R	<10 R	<5.0 R	<5.0 R	<5.0 R	0.58 J	<5.0 R	<5.0 R	0.26 J	2-butanone - 0.85 J µg/L	
9/12/2019	2.7 BJ	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	2-butanone - 0.84 J µg/L; PCE - 0.35 J µg/L	
7/14/2020	<5.0	<0.20	<0.24	<0.26	<0.20	<0.20	<0.65	<0.20	<0.26	<0.20	<0.20		
8/10/2020	<10 R	<5.0 R	<5.0 R	<10 R	<5.0 R	<10 R	<5.0 R	<5.0 R	<5.0 R	<5.0 R	<5.0 R		
10/13/2020	<10	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	2-Butanone - 3.8 J µg/L; 2-hexanone - 0.41 J µg/L; chloromethane - 0.35 BJ µg/L	

NOTES:

µg/L = micrograms per liter; Dup. = duplicate sample; FB = field blank; TB = trip blank; NA = not analyzed for the indicated parameter; ND = not detected; B = detected in the laboratory blank; DIL/D = laboratory diluted sample; E = laboratory estimated concentration; J = estimated concentration, detected below the quantitation limit; < ("less than") = analyte concentration below the laboratory detection limit; BPQL = compound reported present below the practical quantitation limit, "-" = analytical data/report not available for review; R = data rejected due to headspace

VOCs analyzed via EPA Method 8260 plus heptane (and tentatively identified compounds [TICs] in selected previous samples).

Only detected analytes are tabulated above. For a complete list of analytes, see the original laboratory reports.

Table 2
Summary of Enhanced Fluid Recovery (EFR) Measurements (November 3-4, 2020)
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well	Date	Time	Truck Vacuum (in/Hg)	Induced Vacuum (in/H₂O)	PID (ppm)	Depth-to Water (feet)
MP-37	11/3/2020	11:00:00 AM	22	-	-	-
		11:44:00 AM	22	-	-	-
		12:25:00 PM	22	-	-	-
MW-22	11/3/2020	11:05:00 AM	-	0.00	0.2	9.63
		11:47:00 AM	-	0.00	0.2	9.62
		12:22:00 PM	-	0.00	0.4	9.62
		12:40:00 PM	-	0.00	0.3	9.62
MW-37R	11/3/2020	11:06:00 AM	-	0.00	39.6	9.90
		11:46:00 AM	-	0.00	1.5	9.87
		12:21:00 PM	-	0.00	3.0	9.89
		12:39:00 PM	-	0.00	3.6	9.89

Table 2
Summary of Enhanced Fluid Recovery (EFR) Measurements (November 3-4, 2020)
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Watervliet, New York

Well	Date	Time	Truck Vacuum (in/Hg)	Induced Vacuum (in/H₂O)	PID (ppm)	Depth-to Water (feet)
MP-26	11/3/2020	1:50:00 PM	19	-	NM	NM
		2:35:00 PM	20	-	NM	NM
		3:15:00 PM	20	-	NM	NM
MW-20	11/3/2020	1:30:00 PM	-	0.00	0.2	9.87
		2:21:00 PM	-	0.00	0.1	9.86
		12:00:00 AM	-	NM	0.3	9.86
MP-27	11/3/2020	1:32:00 PM	-	-0.75	0.2	10.09
		2:23:00 PM	-	-2.00	0.1	10.05
		3:03:00 PM	-	-2.00	0.1	10.08
MP-28	11/3/2020	1:34:00 PM	-	-0.10	0.2	9.98
		2:25:00 PM	-	0.00	0.1	9.94
		3:06:00 PM	-	0.00	0.2	9.90
MP-30	11/3/2020	1:40:00 PM	-	-0.10	0.2	9.88
		2:30:00 PM	-	0.00	0.4	9.89
		3:07:00 PM	-	0.00	0.2	9.90
MP-23	11/3/2020	1:42:00 PM	-	-0.25	0.1	9.38
		2:34:00 PM	-	-0.25	0.2	9.38
		3:08:00 PM	-	-0.25	0.1	9.38
MP-24	11/3/2020	1:45:00 PM	-	-1.00	0.1	9.43
		2:36:00 PM	-	-1.20	0.1	9.43
		3:09:00 PM	-	-1.25	0.1	9.41
MW-28	11/3/2020	1:47:00 PM	-	0.25	0.1	9.35
		2:37:00 PM	-	-1.25	0.1	9.38
		3:10:00 PM	-	-1.40	0.1	9.34
MP-25	11/3/2020	1:48:00 PM	-	-0.10	0.1	9.42
		2:38:00 PM	-	-0.50	0.1	9.42
		3:10:00 PM	-	-0.60	0.1	9.43

Table 2
Summary of Enhanced Fluid Recovery (EFR) Measurements (November 3-4, 2020)
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well	Date	Time	Truck Vacuum (in/Hg)	Induced Vacuum (in/H₂O)	PID (ppm)	Depth-to Water (feet)
MP-25	11/3/2020	9:23:00 AM	21	-	65.7	NM
		10:00:00 AM	21	-	0.8	NM
MP-23	11/3/2020	9:23:00 AM	-	0.00	0.0	9.38
		10:05:00 AM	-	0.00	0.1	9.37
MP-24	11/3/2020	9:24:00 AM	-	-0.25	0.0	9.42
		10:07:00 AM	-	-0.20	0.1	9.43
MW-28	11/3/2020	9:25:00 AM	-	-1.20	0.0	9.87
		10:08:00 AM	-	-1.25	0.1	9.92
MW-20	11/3/2020	9:30:00 AM	-	0.00	0.2	9.86
		9:55:00 AM	-	0.00	0.3	9.83
MP-26	11/3/2020	9:31:00 AM	-	0.00	0.2	10.03
		9:57:00 AM	-	0.00	0.3	10.01
MP-27	11/3/2020	9:32:00 AM	-	-0.85	0.3	10.32
		9:58:00 AM	-	-1.20	0.3	10.35
MP-28	11/3/2020	9:32:00 AM	-	-0.25	0.3	10.08
		9:59:00 AM	-	-0.25	0.4	10.08
MP-29	11/3/2020	9:33:00 AM	-	0.00	220.9	10.06
		10:01:00 AM	-	0.00	91.3	10.08
MP-30	11/3/2020	9:34:00 AM	-	0.00	1.7	9.96
		10:03:00 AM	-	0.00	0.6	9.99

Table 2
Summary of Enhanced Fluid Recovery (EFR) Measurements (November 3-4, 2020)
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well	Date	Time	Truck Vacuum (in/Hg)	Induced Vacuum (in/H₂O)	PID (ppm)	Depth-to Water (feet)
MW-28	11/4/2020	10:40:00 AM	21	-	0.1	NM
		10:42:00 AM	21	-	0.1	NM
		11:48:00 AM	20	-	0.0	NM
		12:21:00 PM	21	-	16.1	NM
MP-25	11/4/2020	1:38:00 AM	-	-1.25	0.1	9.98
		11:11:00 AM	-	-1.60	0.1	10.06
		11:47:00 AM	-	-1.60	0.0	10.11
		12:20:00 PM	-	-1.75	0.0	10.04
MP-24	11/4/2020	10:41:00 AM	-	-0.50	0.1	9.44
		11:14:00 AM	-	-0.60	0.1	9.47
		11:48:00 AM	-	-0.60	0.0	9.46
		12:22:00 PM	-	-0.60	0.0	9.46
MP-23	11/4/2020	10:42:00 AM	-	-0.20	0.1	9.37
		11:15:00 AM	-	-0.25	0.1	9.38
		11:49:00 AM	-	-0.20	0.0	9.37
		12:23:00 PM	-	-0.30	0.0	9.37
MW-20	11/4/2020	10:44:00 AM	-	0.00	0.3	9.85
		11:16:00 AM	-	0.00	0.2	9.84
		11:52:00 AM	-	0.00	0.2	10.09
		12:24:00 PM	-	0.00	0.1	10.13
MP-26	11/4/2020	10:45:00 AM	-	0.00	0.2	10.05
		11:17:00 AM	-	0.00	0.3	10.06
		11:53:00 AM	-	0.00	0.2	10.09
		12:25:00 PM	-	0.00	0.1	10.13
MP-27	11/4/2020	10:46:00 AM	-	-1.85	0.3	10.28
		11:17:00 AM	-	0.00	0.3	10.06
		11:53:00 AM	-	0.00	0.2	10.09
		12:27:00 PM	-	-2.00	0.2	10.05

Table 2
Summary of Enhanced Fluid Recovery (EFR) Measurements (November 3-4, 2020)
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well	Date	Time	Truck Vacuum (in/Hg)	Induced Vacuum (in/H₂O)	PID (ppm)	Depth-to Water (feet)
MP-28	11/4/2020	10:47:00 AM	-	-0.40	0.3	10.06
		11:19:00 AM	-	-0.20	0.2	10.06
		11:55:00 AM	-	-0.40	0.2	10.06
		12:28:00 PM	-	-0.60	0.2	10.05
MP-29	11/4/2020	10:48:00 AM	-	0.00	108.2	10.08
		11:20:00 AM	-	0.00	339.0	10.02
		11:56:00 AM	-	0.00	37.7	10.04
		12:30:00 PM	-	0.00	20.8	10.04
MP-30	11/4/2020	10:49:00 AM	-	0.00	1.0	9.94
		11:21:00 AM	-	0.00	0.6	9.96
		11:57:00 AM	-	0.00	0.3	9.96
		12:31:00 PM	-	0.00	0.3	9.98

Table 2
Summary of Enhanced Fluid Recovery (EFR) Measurements (November 3-4, 2020)
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well	Date	Time	Truck Vacuum (in/Hg)	Induced Vacuum (in/H ₂ O)	PID (ppm)	Depth-to Water (feet)
MW-27	11/4/2020	1:44:00 PM	23	-	0.2	NM
		2:15:00 PM	23	-	0.2	NM
		2:33:00 PM	24	-	0.1	NM
MP-25	11/4/2020	1:45:00 PM	-	-0.20	0.1	9.74
		2:14:00 PM	-	-0.15	0.1	9.75
		2:35:00 PM	-	-0.15	0.1	9.77
MW-28	11/4/2020	1:46:00 PM	-	-0.25	0.2	9.80
		2:13:00 PM	-	-0.20	0.1	9.59
		2:36:00 PM	-	-0.20	0.1	9.80
MP-24	11/4/2020	1:48:00 PM	-	-0.15	0.1	9.41
		2:12:00 PM	-	-0.15	0.1	9.44
		2:37:00 PM	-	-0.20	0.1	9.44
MP-23	11/4/2020	1:50:00 PM	-	-0.30	0.1	9.35
		2:10:00 PM	-	-0.30	0.1	9.36
		2:38:00 PM	-	-0.30	0.2	9.37

Notes:

1. ↑ = Increasing PID.
2. **MP-25** = EFR Well; MP-29 = Adjacent monitoring well.
3. NM = Not Measured.

Table 3
Summary of Bio-Supplementation and Enhanced Fluid Recovery (EFR) Data (October and November 2020)
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well	Pre-EFR Measurements						EFR					Post-EFR Measurements					
	Date	PID (ppm)	DTW (ft)	Nitrate (mg/L)	Phosphate (mg/L)	Nutrient Dosing	Date	vac GW (min)	vac Well (min)	Total Time EFR (Hr)	GW Extracted (gal)	Date	PID (ppm)	DTW (ft)	Nitrate (mg/L)	Phosphate (mg/L)	Nutrient Dosing
MP-23	10/15/2020	NM	NM	1.0	20.0	Y(N)	---	---	---	---	---	---	---	---	---	---	---
MP-24	10/15/2020	NM	NM	0.0	35.0	Y(N)	---	---	---	---	---	---	---	---	---	---	---
MW-20	10/15/2020	NM	NM	0.0	20.0	Y(N)	---	---	---	---	---	---	---	---	---	---	---
MW-26	10/15/2020	NM	NM	0.0	15.0	Y(N)	---	---	---	---	---	---	---	---	---	---	---
MW-37R	10/15/2020	NM	NM	0.0	25.0	Y(N)	---	---	---	---	---	---	---	---	---	---	---
MP-23	11/3/2020	6.8	9.45	NM	NM	NA	---	---	---	---	---	11/4/2020	0.1	9.36	0.0	25.0	Y(N)
MW-22	11/3/2020	---	---	NM	NM	NA	---	---	---	---	---	11/4/2020	0.7	9.55	NM	NM	NA
MP-20	11/3/2020	---	---	NM	NM	NA	---	---	---	---	---	11/4/2020	0.3	10.84	NM	NM	NA
MW-20	11/3/2020	0.5	9.91	0.0	20.0	Y(N)	---	---	---	---	---	11/4/2020	0.3	9.84	0.0	20.0	Y(N)
MP-30	11/3/2020	---	---	NM	NM	NA	---	---	---	---	---	11/4/2020	16.3	9.86	NM	NM	NA
MP-24	11/3/2020	0.1	9.41	0.0	30.0	Y(N)	---	---	---	---	---	11/4/2020	0.1	9.47	0.0	35.0	Y(N)
MP-25	11/3/2020	1.1	9.41	NM	NM	NA	11/4/2020	0	90	1.5	47	11/4/2020	1.1	9.66	NM	NM	NA
MP-26	11/3/2020	81.9	10.43	0.0	20.0	NA	11/3/2020	0	130	2.2	131	11/4/2020	0.4	9.92	NM	NM	NA
MP-27	11/3/2020	8.9	9.96	NM	NM	NA	---	---	---	---	---	11/4/2020	0.3	10.15	NM	NM	NA
MP-28	11/3/2020	0.3	9.98	NM	NM	NA	---	---	---	---	---	11/4/2020	0.4	9.94	NM	NM	NA
MP-29	11/3/2020	50.2	9.94	NM	NM	NA	---	---	---	---	---	11/4/2020	152.3	9.93	NM	NM	NA
MP-37	11/3/2020	---	---	0.0	25.0	NA	11/3/2020	0	140	2.3	813	11/4/2020	146.2	9.97	NM	NM	NA
MW-26	11/3/2020	---	---	NM	NM	NA	---	---	---	---	---	11/4/2020	0.6	10.02	0.0	20.0	Y(N)
MW-27	11/3/2020	1.1	8.45	0.0	5.0	Y(N)	11/4/2020	0	95	1.6	470	11/4/2020	0.0	8.67	NM	NM	NA
MW-28	11/3/2020	0.1	9.32	NM	NM	NA	11/4/2020	0	150	2.5	361	11/4/2020	0.3	10.07	NM	NM	NA
MW-37R	11/3/2020	---	---	0.0	15.0	Y(N)	---	---	---	---	---	11/4/2020	50.8	9.72	0.0	15.0	Y(N)

Notes:

1. **MP-25** = EFR Well; **MP-23** = Nutrient Dosing Well
2. NA = Not Applicable; NM = Not Measured; ND = Not Detected; N = Nitrate; P = Phosphate
3. Extracted groundwater volumes adjusted based on Tradebe final volumes.
4. The PVC casing for MW-37R is damaged; unable to get bailer down well to collect water sample.

Table 4
Estimated Aqueous-Phase Toluene Mass Removed (EFR Activities) - November 2020
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well Designation	Sample Date	Toluene Concentration ⁽¹⁾ (µg/L)	Toluene Concentration (g/L)	Contaminant Mass Present in One Gallon of Groundwater (grams)	Contaminant Mass Present in One Gallon of Groundwater (pounds)	Total Volume Removed During EFR Events (Gallons)	Total Mass Removed (pounds)
MW-27	10/12/2020	140	0.0001	0.0005	0.000001	361	0.0004
MW-28	10/12/2020	130,000	0.1300	0.4921	0.001085	470	0.51
MP-25	10/12/2020	110,000	0.1100	0.4164	0.000918	47	0.04
MP-26	10/13/2020	84,000	0.0840	0.3179	0.000701	131	0.09
MP-37	10/13/2020	17,000	0.0170	0.0643	0.000142	813	0.12
		A	B = A/1,000,000	C = B*3.785 Liters	D = C/453.6 grams	E	F = E/435.5 grams

Total VOC Mass Removed (Pounds) 0.76

Notes:

1. Toluene concentration during most recent sampling event prior to or proximal to the EFR event.
2. µg/L = micrograms per liter; g/L = grams per liter; VOC = volatile organic compound.

Table 5
Estimated Vapor-Phase Toluene Mass Removed (EFR Activities) - November 2020
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well Designation	Date	Pre-EFR PID (ppm)	Post-EFR PID (ppm)	Average PID (ppm)	Vapor-Phase Extraction Time (Minutes)	Vapor Concentration (mg/m ³)	Mass Removal Rate (Pounds)
MW-27	11/4/2020	1.1	0.0	0.6	95	2.1	0.0
MW-28	11/4/2020	0.1	0.3	0.2	150	0.8	0.0
MP-25	11/4/2020	1.1	1.1	1.1	90	4.1	0.0
MP-26	11/3/2020	81.9	0.2	41.1	130	154.7	0.70
MP-37	11/4/2020	109.0	146.2	127.6	140	480.9	2.3
		A	B	C	D	E = (C*92.14)/24.45	See Note #3

Estimated Toluene Removed (pounds):	3.1
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Notes:

1. A molecular weight of 92.14 for toluene was used for calculation purposes.
2. A flow rate of 558 cubic feet per minute (cfm) was used based on typical vacuum pressure and diameter of extraction hose.
3. (Average PID)*(Molecular Weight of Toluene/24.45)*(10-3mg/g)*(lb/454g)*(35.31 ft³/m³)*(Flow Rate - CFM)*(Vapor Extraction Time - min.)
4. NM = Not Measured.

Table 6
Summary of Enhanced Fluid Recovery (EFR) Measurements (December 8-9, 2020)
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well	Date	Time	Truck Vacuum (in/Hg)	Induced Vacuum (in/H₂O)	PID (ppm)	Depth-to Water (feet)
MP-37	12/8/2020	8:45:00 AM	19	-	-	NM
		9:15:00 AM	19	-	-	NM
MW-37R	12/8/2020	8:47:00 AM	-	0.00	165.4	9.47
		9:17:00 AM	-	0.00	208.3	9.49
MW-22	12/8/2020	8:51:00 AM	-	0.00	0.2	9.27
		9:19:00 AM	-	0.00	0.3	9.24
MW-28	12/8/2020	11:00:00 AM	17	-	259.1	NM
		11:30:00 AM	17	-	304.9	NM
		12:00:00 PM	17	-	251.3	NM
		12:30:00 PM	17	-	274.4	NM
MP-25	12/8/2020	11:02:00 AM	-	-1.25	30.0	9.62
		11:32:00 AM	-	-1.60	32.3	9.67
		12:09:00 PM	-	-1.40	29.8	9.65
MP-24	12/8/2020	11:03:00 AM	-	-0.50	0.1	9.16
		11:33:00 AM	-	-0.60	0.1	9.18
		12:11:00 PM	-	-0.50	0.0	9.18
MP-23	12/8/2020	11:04:00 AM	-	-0.20	0.0	9.14
		11:34:00 AM	-	-0.25	0.0	9.13
		12:13:00 PM	-	-0.25	0.0	9.15
MW-20	12/8/2020	11:06:00 AM	-	0.00	0.0	9.53
		11:36:00 AM	-	0.00	0.0	9.52
		12:16:00 PM	-	0.00	0.0	9.52

Table 6
Summary of Enhanced Fluid Recovery (EFR) Measurements (December 8-9, 2020)
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well	Date	Time	Truck Vacuum (in/Hg)	Induced Vacuum (in/H₂O)	PID (ppm)	Depth-to Water (feet)
MP-26	12/8/2020	11:08:00 AM	-	0.00	0.1	9.70
		11:38:00 AM	-	0.00	0.1	9.70
		12:17:00 PM	-	0.00	0.1	9.70
MP-27	12/8/2020	11:09:00 AM	-	-1.85	0.0	9.62
		11:39:00 AM	-	-2.00	0.0	9.65
		12:20:00 PM	-	-1.90	0.0	9.64
MP-28	12/8/2020	11:10:00 AM	-	-0.40	0.0	9.71
		11:40:00 AM	-	-0.20	0.0	9.72
		12:22:00 PM	-	-0.40	0.0	9.71
MP-29	12/8/2020	11:11:00 AM	-	0.00	303.4	9.73
		11:41:00 AM	-	0.00	257.9	9.73
		12:24:00 PM	-	0.00	294.3	9.73
MP-30	12/8/2020	11:13:00 AM	-	0.00	8.7	9.72
		11:44:00 AM	-	0.00	102.0	9.70
		12:26:00 PM	-	0.00	13.4	9.74
MW-21	12/8/2020	11:14:00 AM	-	0.00	67.4	9.60
		11:44:00 AM	-	0.00	69.2	9.60
		12:28:00 PM	-	0.00	52.3	9.61

Table 6
Summary of Enhanced Fluid Recovery (EFR) Measurements (December 8-9, 2020)
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well	Date	Time	Truck Vacuum (in/Hg)	Induced Vacuum (in/H ₂ O)	PID (ppm)	Depth-to Water (feet)
MP-25	12/8/2020	1:30:00 PM	18	-	28.2	NM
		2:04:00 PM	18	-	27.4	NM
MW-28	12/8/2020	1:31:00 PM	-	-1.15	205.9	10.24
		14:05:00 PM	-	-1.20	342.6	10.30
MP-24	12/8/2020	1:32:00 PM	-	-0.25	0.1	9.46
		2:06:00 PM	-	-0.25	0.1	9.45
MP-23	12/8/2020	1:33:00 PM	-	0.00	0.0	9.14
		2:07:00 PM	-	0.00	0.1	9.15
MW-20	12/8/2020	1:35:00 PM	-	0.00	0.1	9.52
		2:09:00 PM	-	0.00	0.0	9.51
MP-26	12/8/2020	1:36:00 PM	-	0.00	0.1	9.69
		2:10:00 PM	-	0.00	0.1	9.67
MP-27	12/8/2020	1:38:00 PM	-	-1.70	0.0	9.64
		2:11:00 PM	-	-1.85	0.0	9.65
MP-28	12/8/2020	1:39:00 PM	-	-0.40	0.0	9.73
		2:13:00 PM	-	-0.35	0.0	9.75
MP-29	12/8/2020	1:40:00 PM	-	0.00	328.2	9.73
		2:14:00 PM	-	0.00	252.6	9.73
MP-30	12/8/2020	1:42:00 PM	-	0.00	9.2	9.72
		2:15:00 PM	-	0.00	10.4	9.59
MW-21	12/8/2020	1:43:00 PM	-	0.00	70.6	9.61
		2:16:00 PM	-	0.00	80.2	9.60

Table 6
Summary of Enhanced Fluid Recovery (EFR) Measurements (December 8-9, 2020)
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well	Date	Time	Truck Vacuum (in/Hg)	Induced Vacuum (in/H ₂ O)	PID (ppm)	Depth-to Water (feet)
MP-24	12/9/2020	6:30:00 AM	16		0.1	NM
MP-25	12/9/2020	6:32:00 AM	-	-0.35	30.1	9.52
MW-28	12/9/2020	6:33:00 AM	-	-0.55	102.6	9.51
MP-23	12/9/2020	6:34:00 AM	-	-0.40	0.1	9.45
MW-20	12/9/2020	6:36:00 AM	-	0.00	0.0	9.68
MP-26	12/9/2020	6:38:00 AM	-	-0.85	0.0	9.70
MP-27	12/9/2020	6:39:00 AM	-	-0.50	0.0	9.62
MP-28	12/9/2020	6:41:00 AM	-	0.00	0.1	9.75
MP-29	12/9/2020	6:43:00 AM	-	0.00	352.6	9.76
MP-30	12/9/2020	6:45:00 AM	-	0.00	6.2	9.69
MW-21	12/9/2020	6:47:00 AM	-	0.00	75.9	9.62
MP-26	12/9/2020	8:00:00 AM	15	-	0.0	NM
		8:30:00 AM	15	-	0.0	NM
		9:00:00 AM	16	-	0.0	NM
MP-25	12/9/2020	8:01:00 AM	-	-0.70	22.6	9.47
		8:31:00 AM	-	-0.65	24.9	9.48
		9:02:00 AM	-	-0.70	26.8	9.43
MW-28	12/9/2020	8:02:00 AM	-	-1.30	340.9	9.42
		8:32:00 AM	-	-1.35	276.8	9.41
		9:03:00 AM	-	-1.30	312.7	9.41
MP-24	12/9/2020	8:03:00 AM	-	-1.10	0.1	9.47
		8:33:00 AM	-	-1.10	0.1	9.52
		9:04:00 AM	-	-1.10	0.1	9.45

Table 6
Summary of Enhanced Fluid Recovery (EFR) Measurements (December 8-9, 2020)
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well	Date	Time	Truck Vacuum (in/Hg)	Induced Vacuum (in/H₂O)	PID (ppm)	Depth-to Water (feet)
MP-23	12/9/2020	8:04:00 AM	-	-0.30	0.1	9.32
		8:34:00 AM	-	-0.25	0.1	9.34
		9:05:00 AM	-	-0.30	0.1	9.35
MW-20	12/9/2020	8:06:00 AM	-	0.00	0.2	9.75
		8:36:00 AM	-	0.00	0.1	9.78
		9:08:00 AM	-	0.00	0.2	9.76
MP-27	12/9/2020	8:08:00 AM	-	-1.70	0.0	9.98
		8:38:00 AM	-	-1.80	0.1	10.01
		9:10:00 AM	-	-1.70	0.0	9.99
MP-28	12/9/2020	8:09:00 AM	-	-0.25	0.1	10.24
		8:39:00 AM	-	-0.25	0.1	10.26
		9:11:00 AM	-	-0.25	0.1	10.26
MP-29	12/9/2020	8:10:00 AM	-	0.00	271.4	9.89
		8:40:00 AM	-	0.00	280.5	9.91
		9:12:00 AM	-	0.00	265.8	9.87
MP-30	12/9/2020	8:11:00 AM	-	0.00	5.7	9.72
		8:41:00 AM	-	0.00	6.2	9.74
		9:13:00 AM	-	0.00	8.4	9.71
MW-21	12/9/2020	8:12:00 AM	-	0.00	82.9	9.67
		8:43:00 AM	-	0.00	75.9	9.70
		9:15:00 AM	-	0.00	91.4	9.69

Table 6
Summary of Enhanced Fluid Recovery (EFR) Measurements (December 8-9, 2020)
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well	Date	Time	Truck Vacuum (in/Hg)	Induced Vacuum (in/H₂O)	PID (ppm)	Depth-to Water (feet)
MP-27	12/9/2020	10:00:00 AM	14	-	0.0	NM
		10:30:00 AM	14	-	0.0	NM
MP-25	12/9/2020	10:01:00 AM	-	-0.70	34.2	9.47
		10:31:00 AM	-	-0.7	22.1	9.43
MP-28	12/9/2020	10:02:00 AM	-	-1.30	268.8	9.42
		10:32:00 AM	-	-1.3	305.8	9.50
MP-24	12/9/2020	10:03:00 AM	-	-1.10	0.1	9.47
		10:33:00 AM	-	-1.1	0.1	9.36
MP-23	12/9/2020	10:04:00 AM	-	-0.30	0.1	9.32
		10:34:00 AM	-	-0.3	0.1	9.37
MW-20	12/9/2020	10:06:00 AM	-	0.00	0.2	9.75
		10:36:00 AM	-	0	0.0	9.93
MP-26	12/9/2020	10:08:00 AM	-	-1.70	0.0	9.53
		10:38:00 AM	-	-1.80	0.1	10.00
MP-28	12/9/2020	10:10:00 AM	-	-0.25	0.1	10.24
		10:39:00 AM	-	-0.25	0.0	10.21
MP-29	12/9/2020	10:11:00 AM	-	0.00	288.4	9.89
		10:40:00 AM	-	0.00	221.6	9.84
MP-30	12/9/2020	10:12:00 AM	-	0.00	6.1	9.71
		10:41:00 AM	-	0.00	7.4	9.76
MW-21	12/9/2020	10:13:00 AM	-	0.00	83.4	9.65
		10:43:00 AM	-	0.00	82.7	9.71

Table 6
Summary of Enhanced Fluid Recovery (EFR) Measurements (December 8-9, 2020)
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well	Date	Time	Truck Vacuum (in/Hg)	Induced Vacuum (in/H ₂ O)	PID (ppm)	Depth-to Water (feet)
MP-29	12/9/2020	11:20:00 AM	18	-	265.8	NM
		11:46:00 AM	18	-	243.9	NM
MP-26	12/9/2020	11:23:00 AM	-	-1.95	0.0	9.53
		11:48:00 AM	-	-1.65	0.0	9.63
MP-27	12/9/2020	11:24:00 AM	-	-0.50	0.0	9.62
		11:49:00 AM	-	-0.50	0.0	9.64
MP-28	12/9/2020	11:25:00 AM	-	-0.20	254.8	9.79
		11:50:00 AM	-	-0.20	304.7	9.81
MP-30	12/9/2020	11:27:00 AM	-	0.00	7.9	9.71
		11:52:00 AM	-	0.00	8.2	9.67
MW-28	12/9/2020	11:29:00 AM	-	-1.45	0.2	9.04
		11:55:00 AM	-	-1.50	0.1	9.02
MP-25	12/9/2020	11:30:00 AM	-	-0.65	37.9	8.99
		11:56:00 AM	-	-0.70	41.3	9.03
MP-39	12/9/2020	12:32:00 PM	18	-	2.4	NM
		1:15:00 PM	18	-	1.5	NM
MP-28	12/9/2020	12:35:00 PM	-	-0.15	0.0	9.84
		1:18:00 PM	-	-0.10	0.0	9.79
MP-29	12/9/2020	12:37:00 PM	-	0.00	274.8	9.62
		1:20:00 PM	-	0.00	303.9	9.61

Notes:

1. ↑ = Increasing PID.
2. **MP-25** = EFR Well; MP-29 = Adjacent monitoring well.
3. NM = Not Measured.

Table 7
Summary of Bio-Supplementation and Enhanced Fluid Recovery (EFR) Data (December 2020)
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well	Pre-EFR Measurements						EFR					Post-EFR Measurements					
	Date	PID (ppm)	DTW (ft)	Nitrate (mg/L)	Phosphate (mg/L)	Nutrient Dosing	Date	vac GW (min)	vac Well (min)	Total Time EFR (Hr)	GW Extracted (gal)	Date	PID (ppm)	DTW (ft)	Nitrate (mg/L)	Phosphate (mg/L)	Nutrient Dosing
MP-23	12/7/2020	0.0	9.12	0.0	25.0	Y(N)	---	---	---	---	---	12/9/2020	0.0	9.17	0.0	25.0	Y(N)
MW-22	12/7/2020	0.0	9.50	NM	NM	NA	---	---	---	---	---	12/9/2020	0.0	9.28	NM	NM	NA
MW-20	12/7/2020	0.0	9.50	0.0	25.0	Y(N)	---	---	---	---	---	12/9/2020	0.0	9.47	0.0	20.0	Y(N)
MW-21	12/7/2020	65.0	9.61	NM	NM	NA	---	---	---	---	---	12/9/2020	57.9	9.64	NM	NM	NA
MP-30	12/7/2020	11.0	9.70	NM	NM	NA	---	---	---	---	---	12/9/2020	29.6	9.72	NM	NM	NA
MP-24	12/7/2020	9.4	9.11	0.0	15.0	NA	12/9/2020	14	53	1.1	120	12/9/2020	8.3	9.12	0.0	10.0	NA
MP-25	12/7/2020	24.8	9.09	0.0	15.0	NA	12/8/2020	15	62	1.3	263	12/9/2020	52.8	9.04	0.0	15.0	NA
MP-26	12/7/2020	0.1	9.69	0.0	25.0	NA	12/9/2020	11	96	1.8	165	12/9/2020	0.3	9.69	0.0	30.0	NA
MP-27	12/7/2020	0.0	9.67	0.0	30.0	NA	12/9/2020	15	85	1.7	48	12/9/2020	0.0	9.68	0.0	25.0	NA
MP-28	12/7/2020	0.0	9.72	NM	NM	NA	---	---	---	---	---	12/9/2020	0.0	9.82	NM	NM	NA
MP-29	12/7/2020	288.1	9.73	0.0	20.0	NA	12/9/2020	10	44	0.9	67	12/9/2020	305.9	9.65	0.0	20.0	NA
MP-37	12/7/2020	300.5	9.70	0.0	15.0	NA	12/8/2020	0	65	1.1	435	12/9/2020	275.3	9.67	0.0	20.0	NA
MP-39	12/7/2020	1.0	9.94	0.0	15.0	NA	12/9/2020	0	50	0.8	35	12/9/2020	2.3	9.65	0.0	20.0	NA
MW-26	12/7/2020	0.0	7.94	0.0	25.0	Y(N)	---	---	---	---	---	12/9/2020	0.0	8.42	0.0	30.0	Y(N)
MW-27	12/7/2020	0.8	8.25	0.0	20.0	NA	---	---	---	---	---	12/9/2020	1.3	8.27	0.0	20.0	NA
MW-28	12/7/2020	307	9.05	0.0	30.0	NA	12/8/2020	13	144	2.6	415	12/9/2020	253.9	9.13	0.0	25.0	NA
MW-37R	12/7/2020	260.4	9.5	0.0	20.0	Y(N)	---	---	---	---	---	12/9/2020	308.4	9.62	0.0	25.0	Y(N)

Notes:

1. **MP-25** = EFR Well; **MP-23** = Nutrient Dosing Well
2. NA = Not Applicable; NM = Not Measured; ND = Not Detected; N = Nitrate; P = Phosphate
3. Extracted groundwater volumes adjusted based on Tradebe final volumes.
4. The PVC casing for MW-37R is damaged; unable to get bailer down well to collect water sample.

Table 8
Estimated Aqueous-Phase Toluene Mass Removed (EFR Activities) - December 2020
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well Designation	Sample Date	Toluene Concentration⁽¹⁾ (µg/L)	Toluene Concentration (g/L)	Contaminant Mass Present in One Gallon of Groundwater (grams)	Contaminant Mass Present in One Gallon of Groundwater (pounds)	Total Volume Removed During EFR Events (Gallons)	Total Mass Removed (pounds)
MW-28	10/12/2020	130,000	0.1300	0.4921	0.001085	415	0.45
MP-24	8/10/2020	9,500	0.0095	0.0360	0.000079	120	0.01
MP-25	10/12/2020	110,000	0.1100	0.4164	0.000918	263	0.24
MP-26	10/13/2020	84,000	0.0840	0.3179	0.000701	165	0.12
MP-27	10/13/2020	66,000	0.0660	0.2498	0.000551	48	0.03
MP-29	10/13/2020	16,000	0.0160	0.0606	0.000134	67	0.01
MP-37	10/13/2020	17,000	0.0170	0.0643	0.000142	435	0.06
MP-39	10/13/2020	15,000	0.0150	0.0568	0.000125	35	0.00
		A	B = A/1,000,000	C = B*3.785 Liters	D = C/453.6 grams	E	F = E/435.5 grams

Total VOC Mass Removed (Pounds) 0.92

Notes:

1. Toluene concentration during most recent sampling event prior to or proximal to the EFR event.
2. µg/L = micrograms per liter; g/L = grams per liter; VOC = volatile organic compound.

Table 9
Estimated Vapor-Phase Toluene Mass Removed (EFR Activities) - December 2020
Former Norton/Nashua Tape Products Facility
Watervliet, New York

Well Designation	Date	Pre-EFR PID (ppm)	Post-EFR PID (ppm)	Average PID (ppm)	Vapor-Phase Extraction Time (Minutes)	Vapor Concentration (mg/m ³)	Mass Removal Rate (Pounds)
MW-28	12/8/2020	260	253.9	257.2	144	969.1	4.9
MP-24	12/9/2020	9.4	8.3	8.9	53	33.4	0.1
MP-25	12/8/2020	24.8	52.8	38.8	62	146.2	0.3
MP-26	12/9/2020	0.1	0.3	0.2	96	0.8	0.003
MP-27	12/9/2020	0.0	0.0	0.0	85	0.0	0.0
MP-29	12/9/2020	288.1	305.9	297.0	44	1,119	1.71
MP-37	12/8/2020	300.5	275.3	287.9	65	1,085.0	2.5
MP-39	12/9/2020	1.0	2.3	1.7	50	6.2	0.01
		A	B	C	D	E = (C*92.14)/24.45	See Note #3

Estimated Toluene Removed (pounds):	9.4
--------------------------------------------	------------

Notes:

1. A molecular weight of 92.14 for toluene was used for calculation purposes.
2. A flow rate of 558 cubic feet per minute (cfm) was used based on typical vacuum pressure and diameter of extraction hose.
3. (Average PID)*(Molecular Weight of Toluene/24.45)*(10-3mg/g)*(lb/454g)*(35.31 ft³/m³)*(Flow Rate - CFM)*(Vapor Extraction Time - min.)
4. NM = Not Measured.

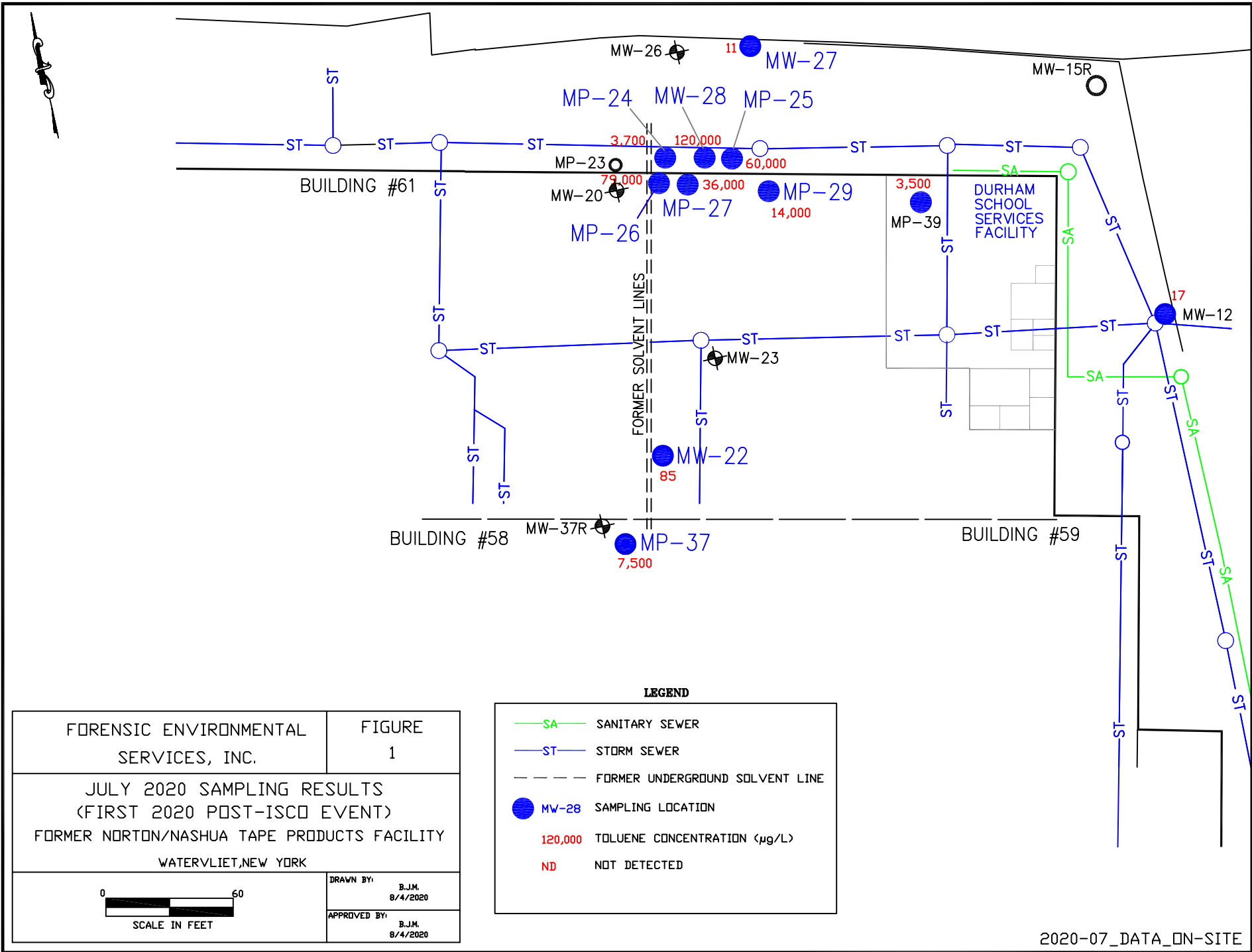
Table 10
Tentative Schedule
Former Norton/Nashua Tape Facility
Watervliet, New York

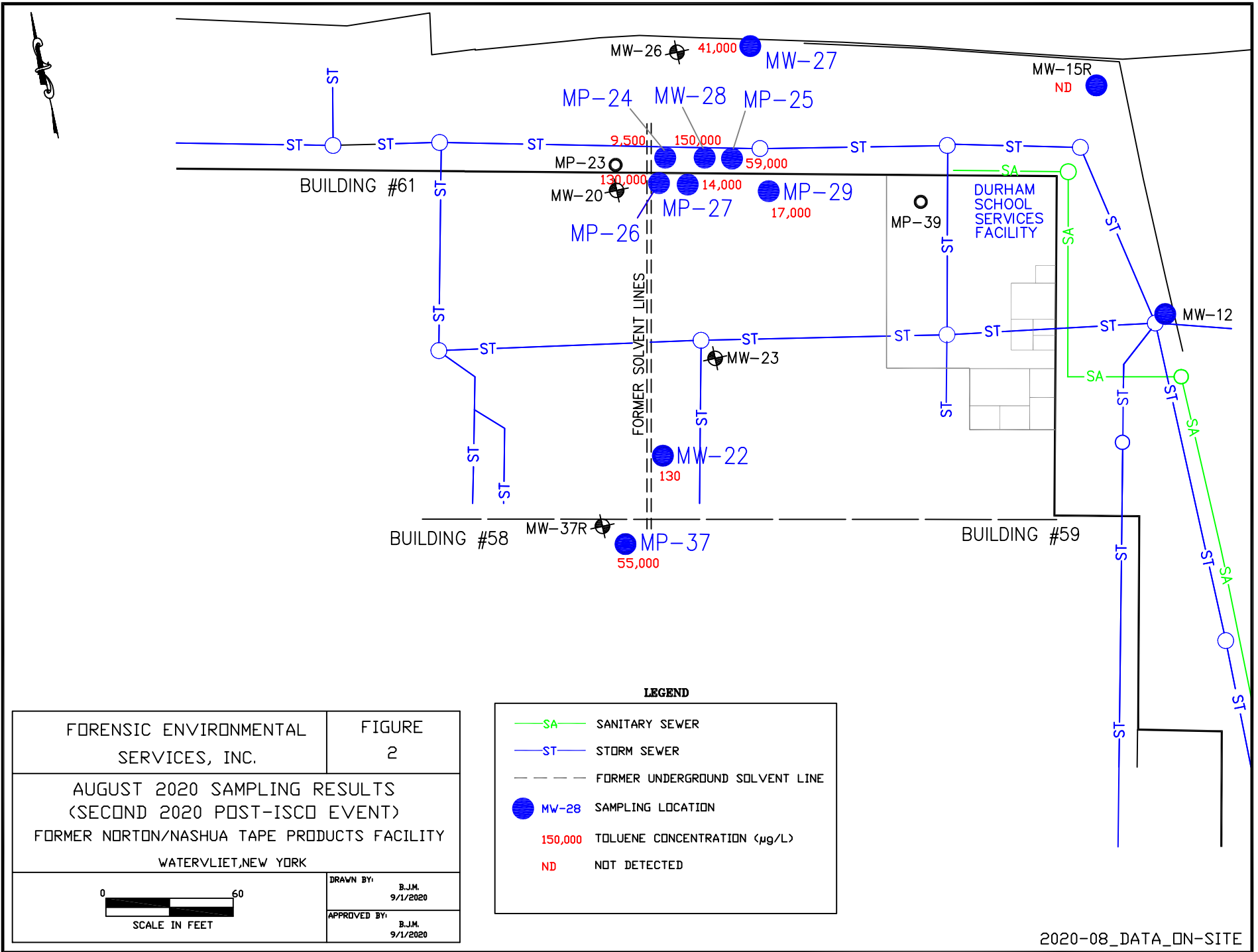
Activity	1Q2021			2Q2021			3Q2021			4Q2021		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Bio-Supplementation/Well Dosing Events												
Enhanced Fluid Recovery (EFR) Events (Including Pre-EFR) Groundwater Sampling												
Installation of Pre-In-Situ Chemical Oxidation (ISCO) Injection Points												
ISCO Activities (including Vapor Intrusion Sampling)												
On-Site (Semi-Annual) Groundwater Sampling Events												
Off-Site (Annual) Groundwater Sampling Event												
Post-ISCO Groundwater Sampling Events												
Reporting												

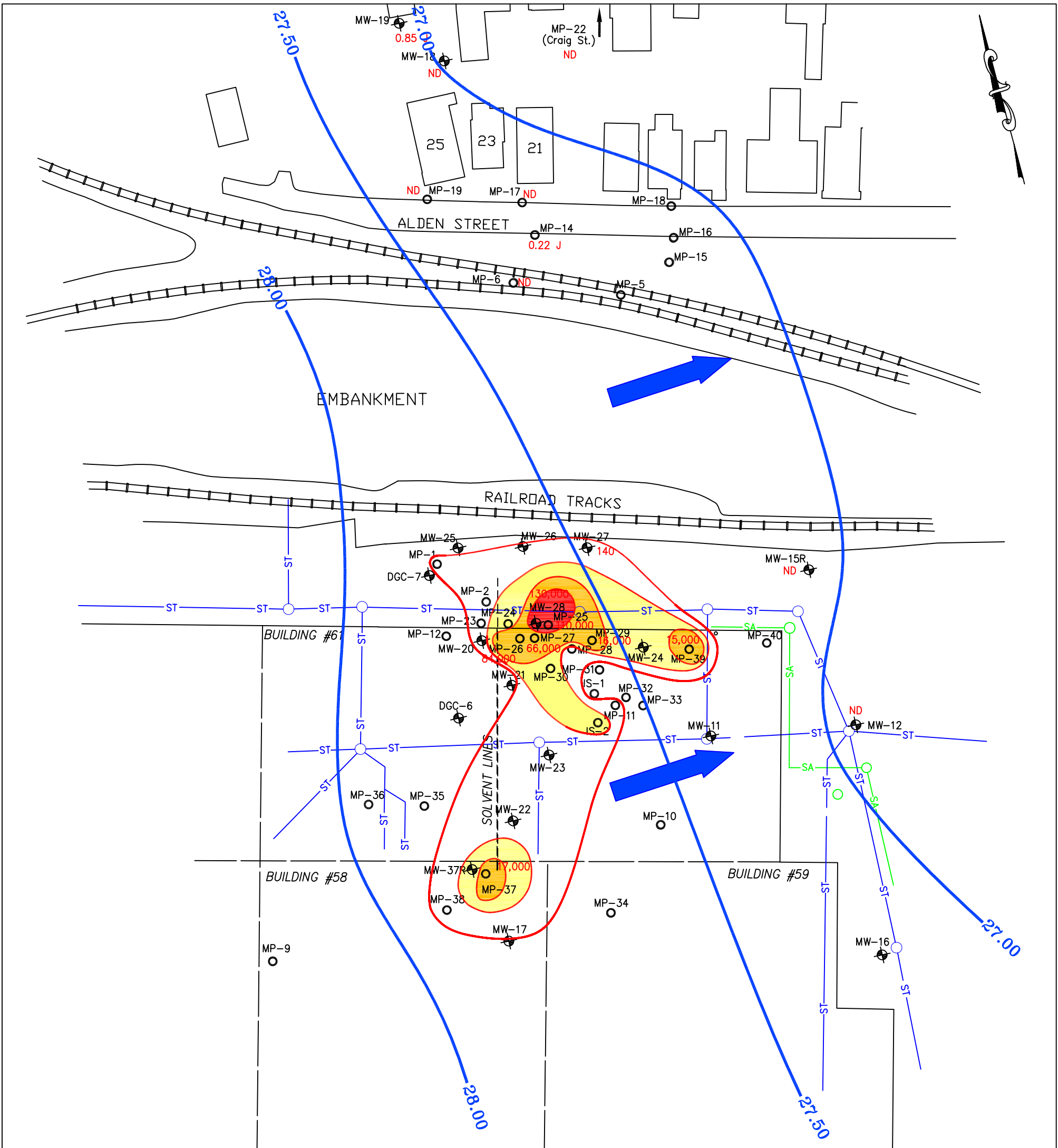
Table 11
Proposed Enhanced Fluid Recovery (EFR) Activities (April/May 2021)
Former Norton/Nashua Tape Products Facility
Watervliet, New York

EFR Well	Sampling Date	Toluene (µg/L)	Estimated EFR Times		Total EFR Time (hour)
			Stinger (hour)	Whole-Well (hour)	
MW-28	10/12/2020	130,000	0.25	2.50	2.75
MP-25	10/12/2020	110,000	0.25	2.00	2.25
MP-26	10/13/2020	84,000	0.25	1.75	2.00
MP-27	10/13/2020	66,000	0.25	1.75	2.00
MP-29	10/13/2020	16,000	0.25	1.00	1.25
MP-37	10/13/2020	17,000	0.25	1.00	1.25
MP-39	10/13/2020	15,000	0.25	1.00	1.25
Total EFR Time (Approximate):					12.75

FIGURES







FORENSIC ENVIRONMENTAL SERVICES, INC.	FIGURE 3
TOLUENE CONCENTRATIONS IN GROUNDWATER (OCTOBER 2020) FORMER NORTON/NASHUA TAPE PRODUCTS FACILITY WATERVLIET, NEW YORK	
 SCALE IN FEET	DRAWN BY: B.J.M. 11/24/2020 APPROVED BY: B.J.M. 11/24/2020

LEGEND

- SA — ○ SANITARY SEWER/MANHOLE
- ST — ○ STORM SEWER/MANHOLE
- - - - - FORMER UNDERGROUND SOLVENT LINE
- ⊕ MONITORING WELL
- SMALL-DIAMETER MONITORING POINT
- 120,000 TOLUENE CONCENTRATION (μg/L)
- ND NOT DETECTED
- - - - - ISOCNTRATION LINE (DASHED WHERE INFERRED)
- ← GENERAL DIRECTION OF GROUNDWATER FLOW
- - - - - GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)

	>100,000 μg/L
	>10,000 μg/L
	>1,000 μg/L
	>5 μg/L

2020-10_Toluene (with GW)

Figure 4
Toluene Concentrations Vs Time
Monitoring Well MW-22
Former Norton/Nashua Tape Products Facility

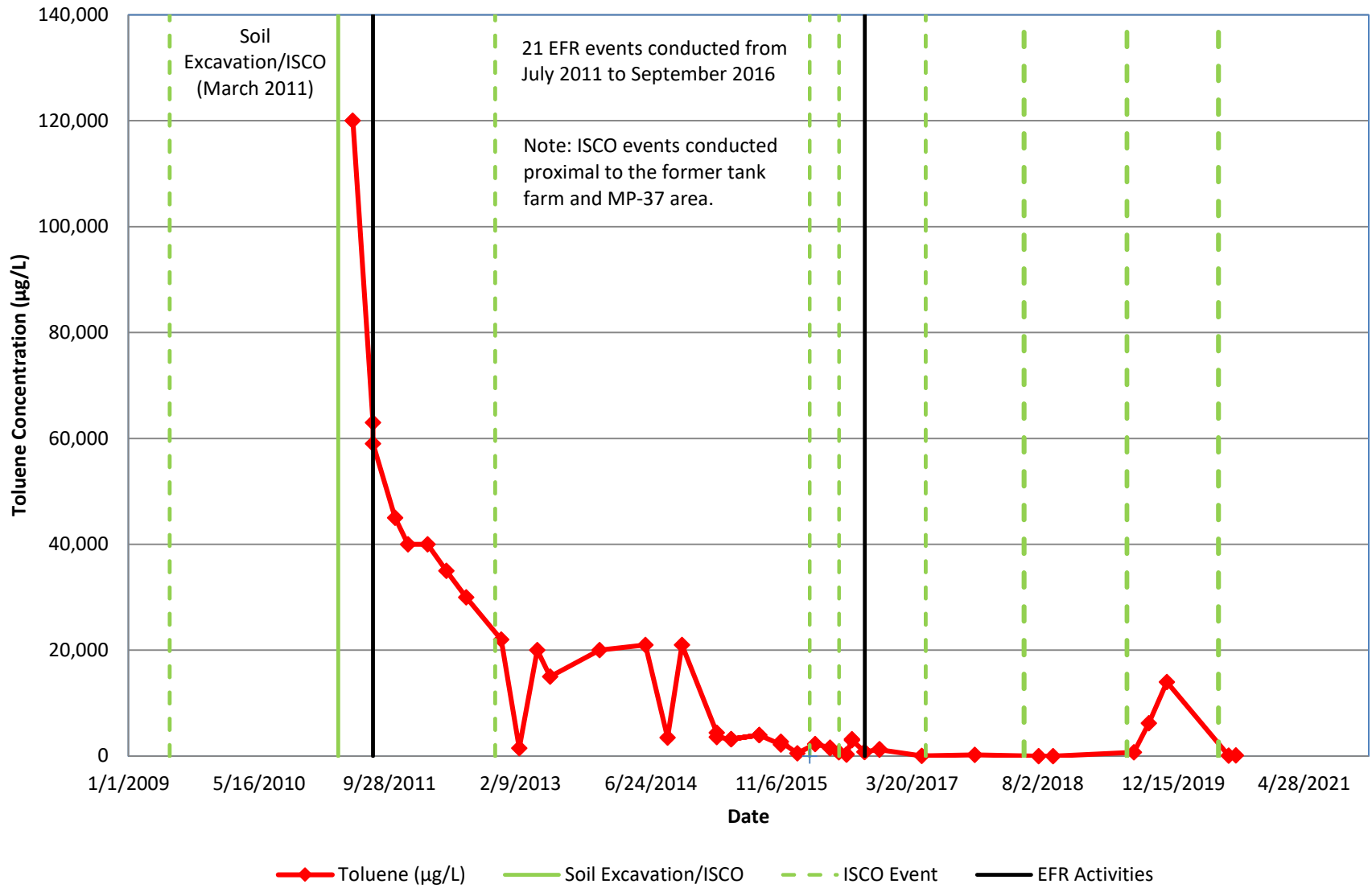
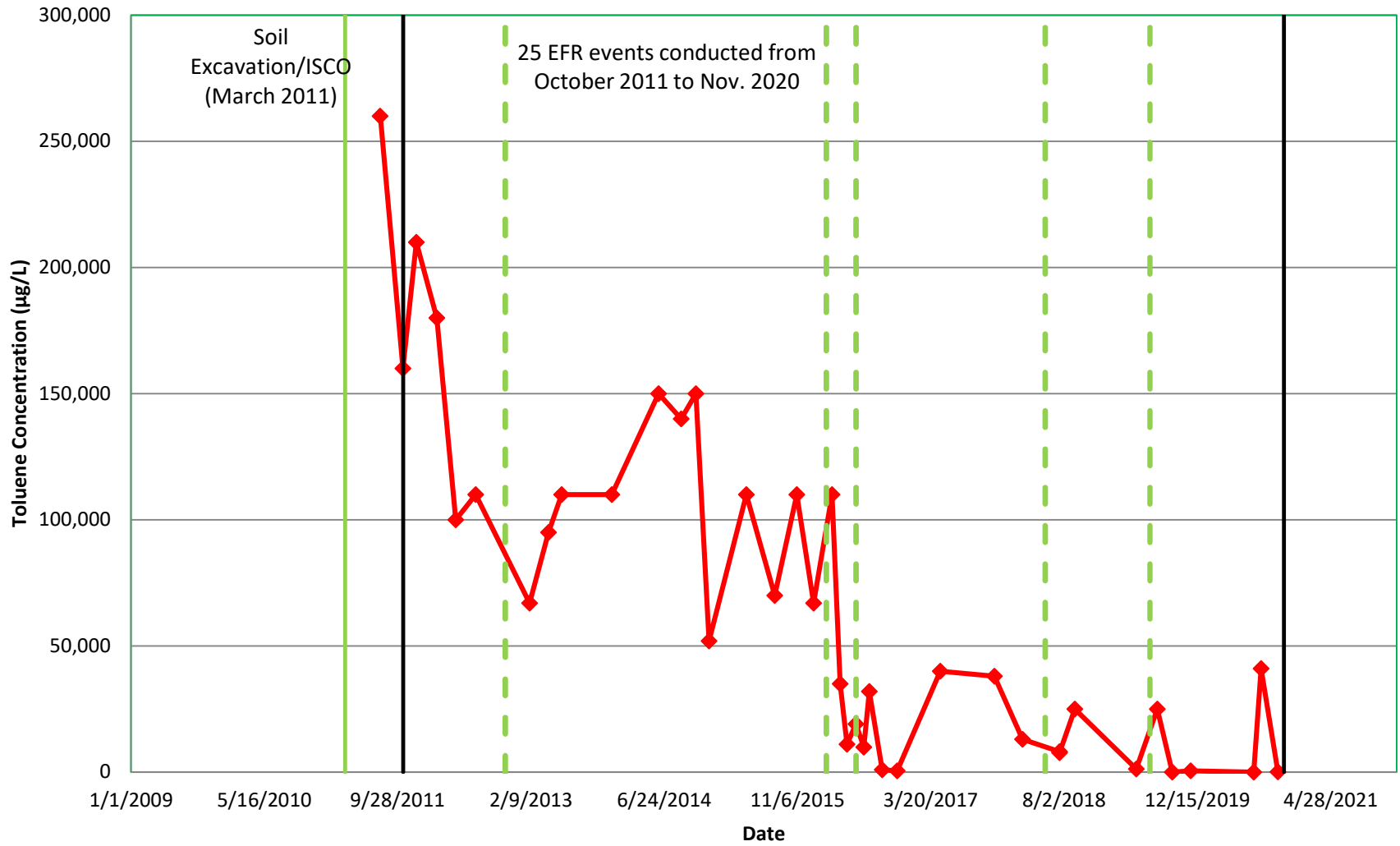


Figure 5
Toluene Concentrations Vs Time
Monitoring Well MW-27
Former Norton/Nashua Tape Products Facility



◆ Toluene (µg/L)
— Soil Excavation/ISCO
- - - ISCO Event
— EFR Activities

Figure 6
Toluene Concentrations Vs Time
Monitoring Well MW-28
Former Norton/Nashua Tape Products Facility

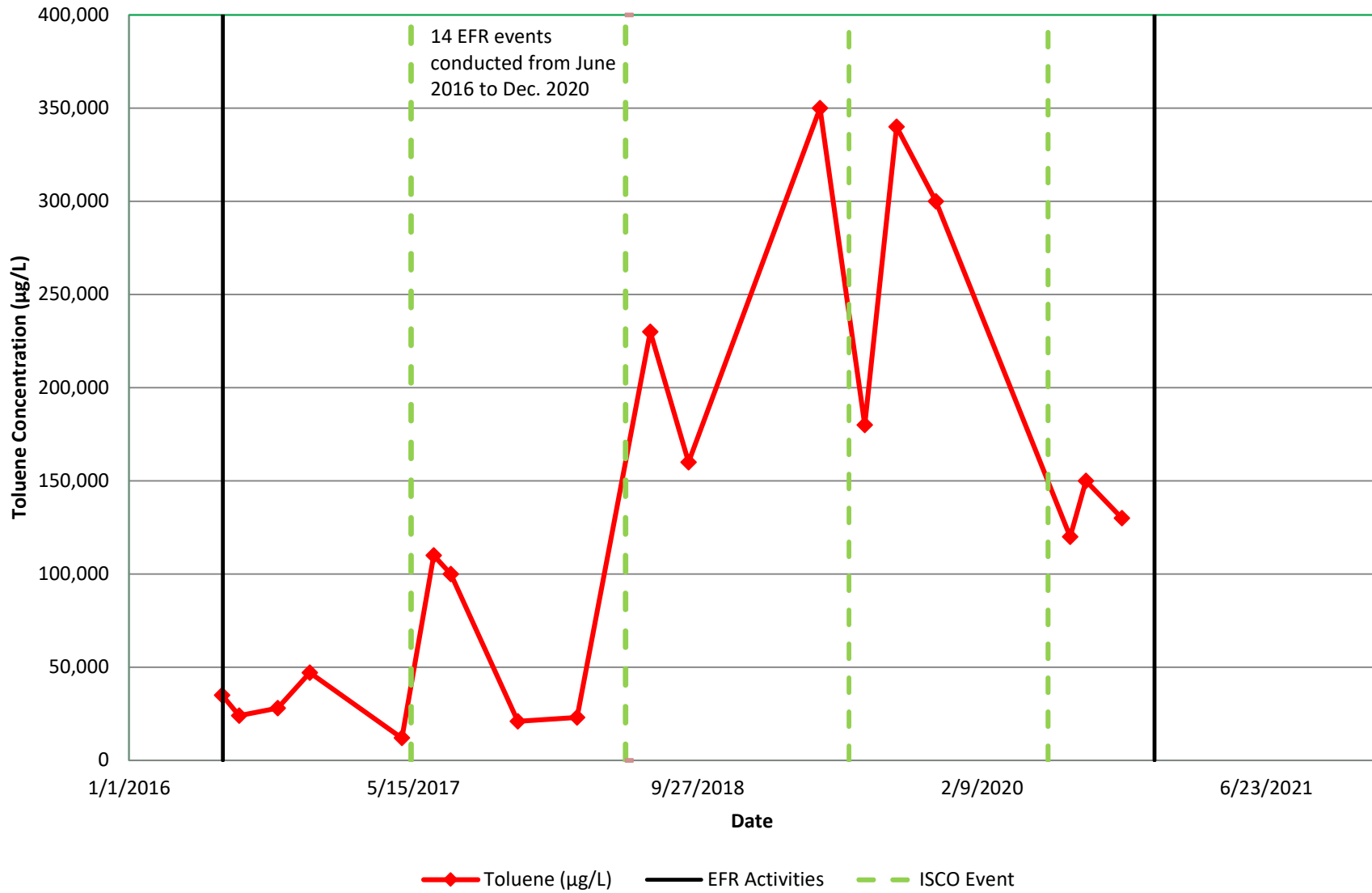


Figure 7
Toluene Concentrations Vs Time
Monitoring Well MP-24
Former Norton/Nashua Tape Products Facility

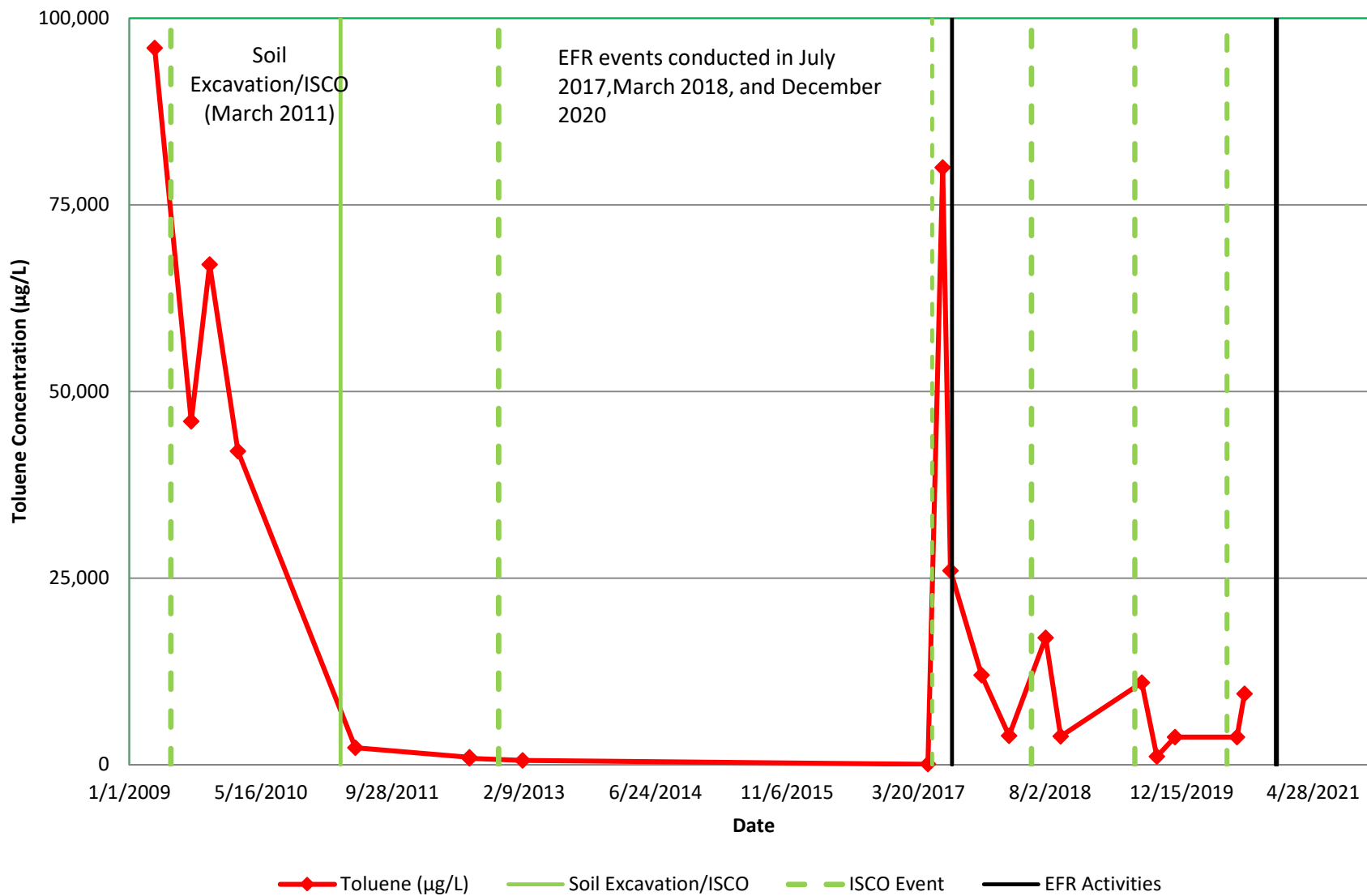
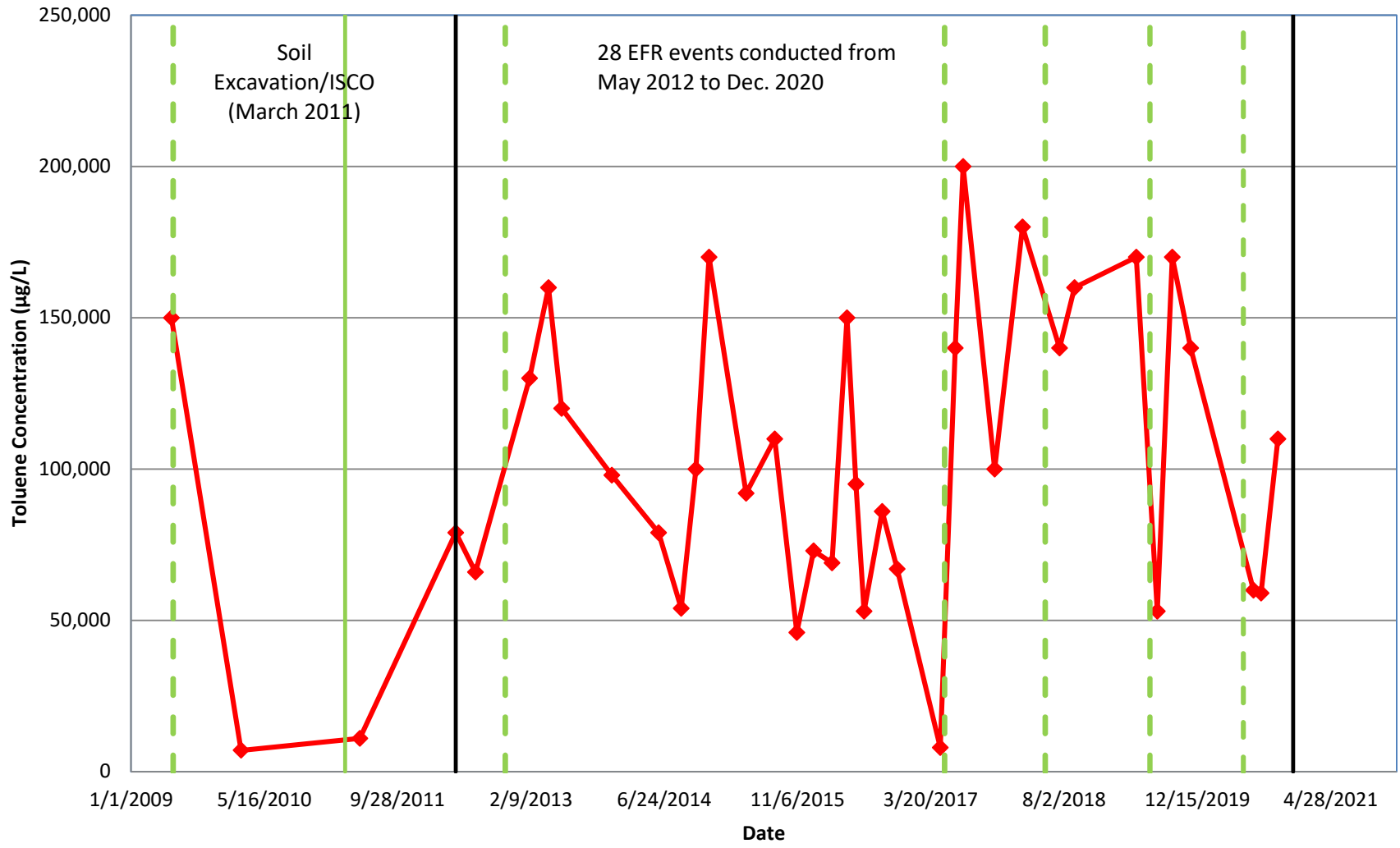
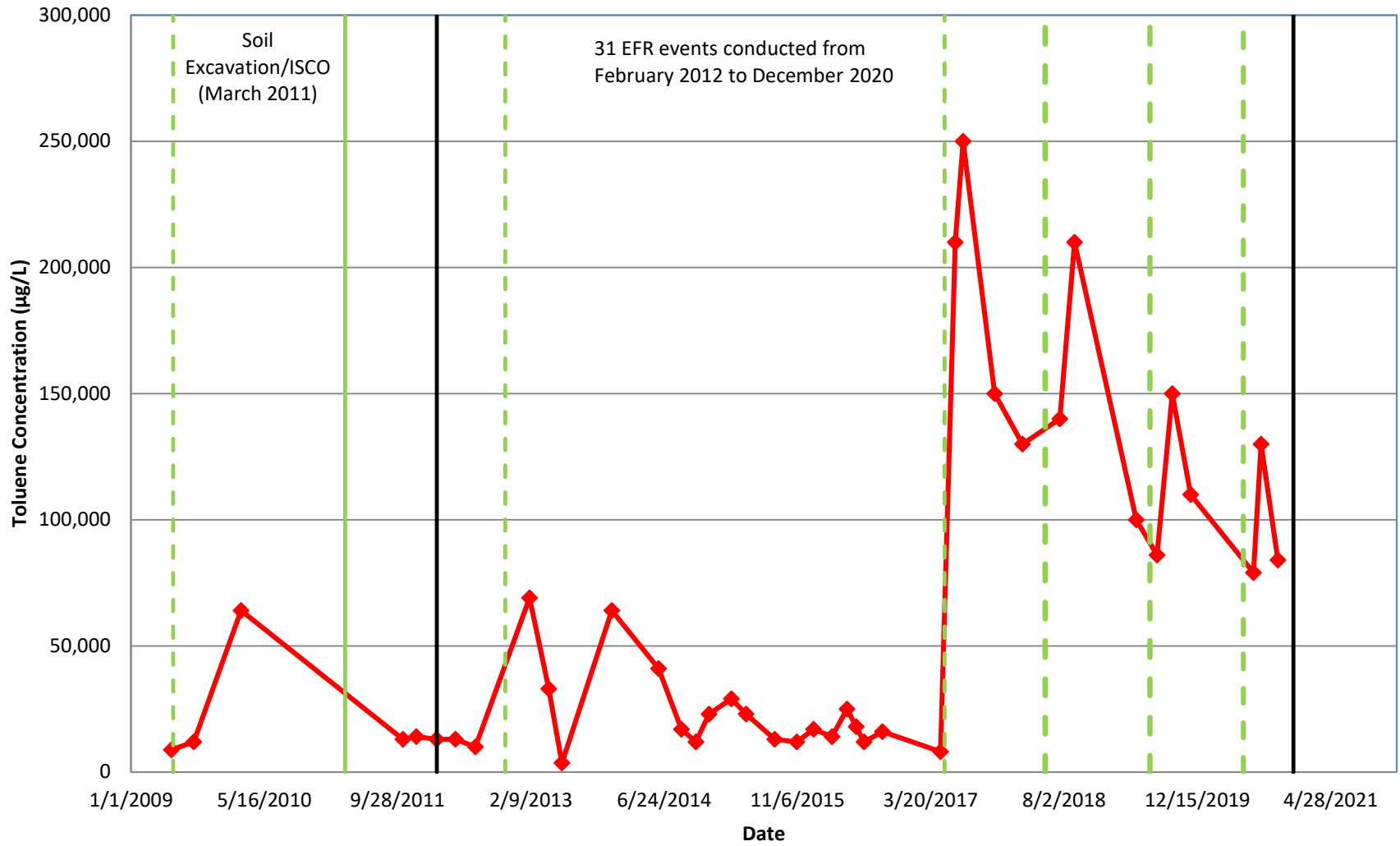


Figure 8
Toluene Concentrations Vs Time
Monitoring Well MP-25
Former Norton/Nashua Tape Products Facility



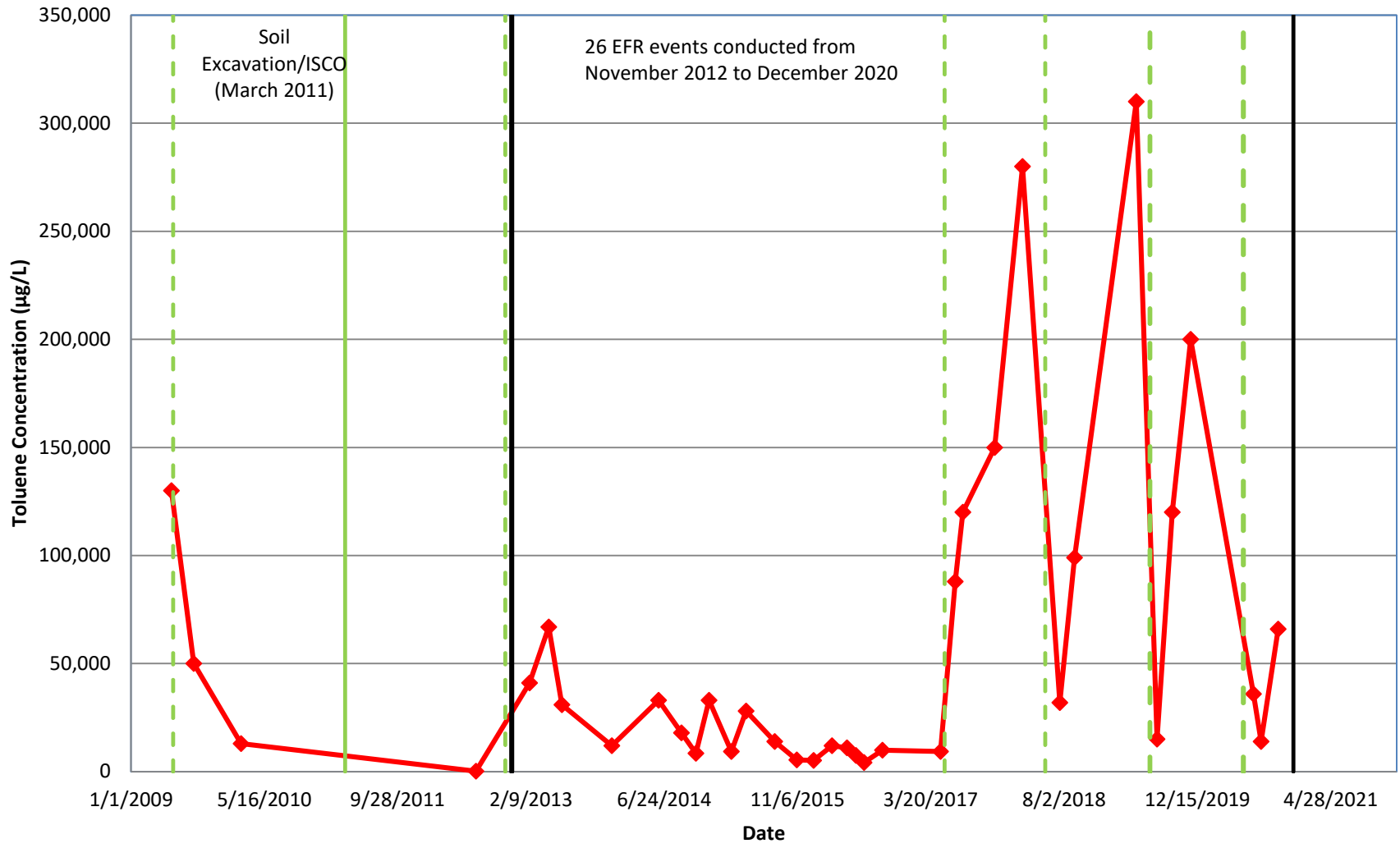
◆ Toluene (µg/L)
 — Soil Excavation/ISCO
 - - - ISCO Event
 — EFR Activities

Figure 9
Toluene Concentrations Vs Time
Monitoring Well MP-26
Former Norton/Nashua Tape Products Facility



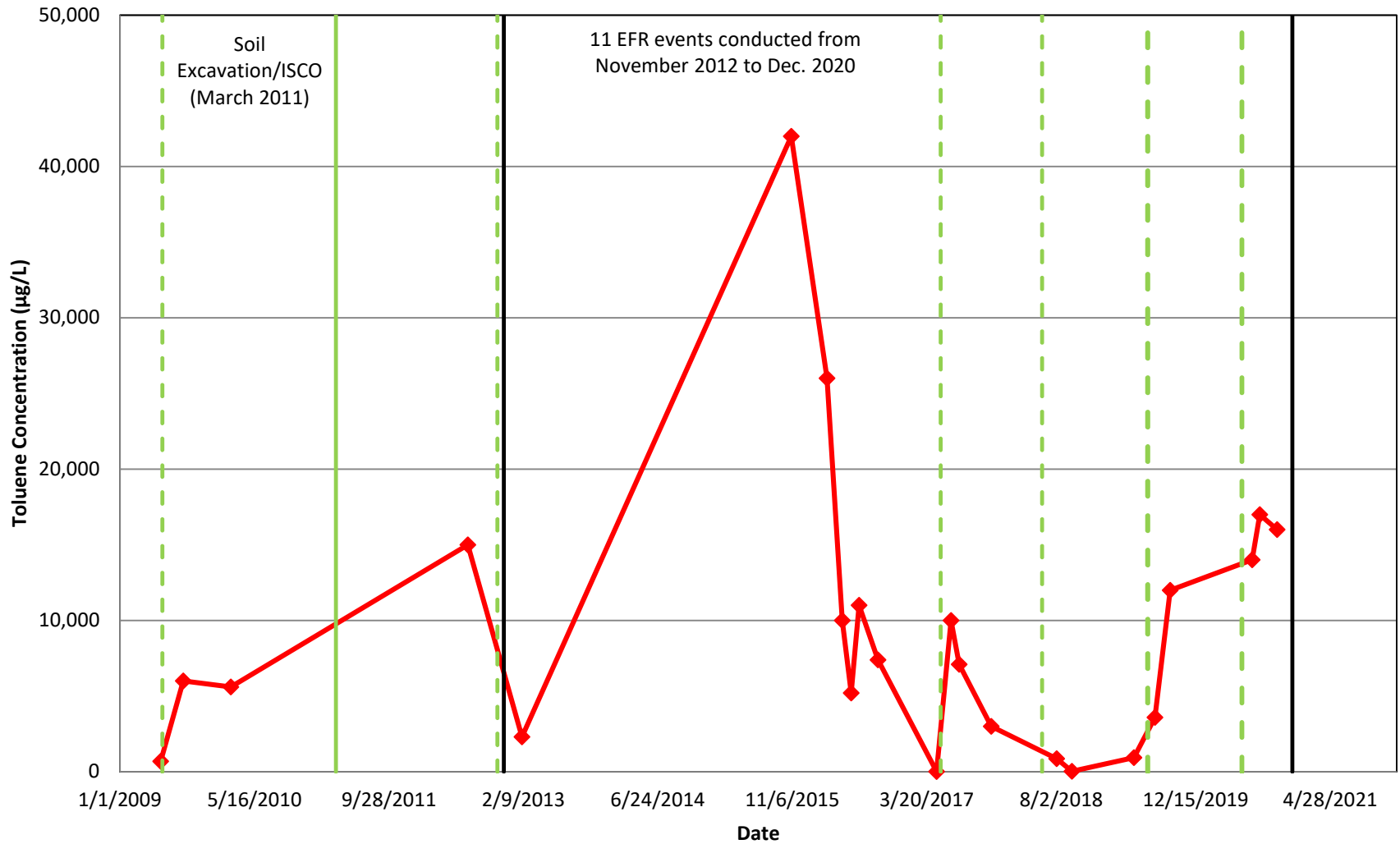
◆ Toluene (µg/L)
 — Soil Excavation/ISCO
 — EFR Activities
 - - - ISCO Event

Figure 10
Toluene Concentrations Vs Time
Monitoring Well MP-27
Former Norton/Nashua Tape Products Facility



◆ Toluene (µg/L)
 — Soil Excavation/ISCO
 - - - ISCO Event
 — EFR Activities

Figure 11
Toluene Concentrations Vs Time
Monitoring Well MP-29
Former Norton/Nashua Tape Products Facility



◆ Toluene (µg/L)
 — Soil Excavation/ISCO
 - - - ISCO Event
 — EFR Activities

Figure 12
Toluene Concentrations Vs Time
Monitoring Well MP-39
Former Norton/Nashua Tape Products Facility

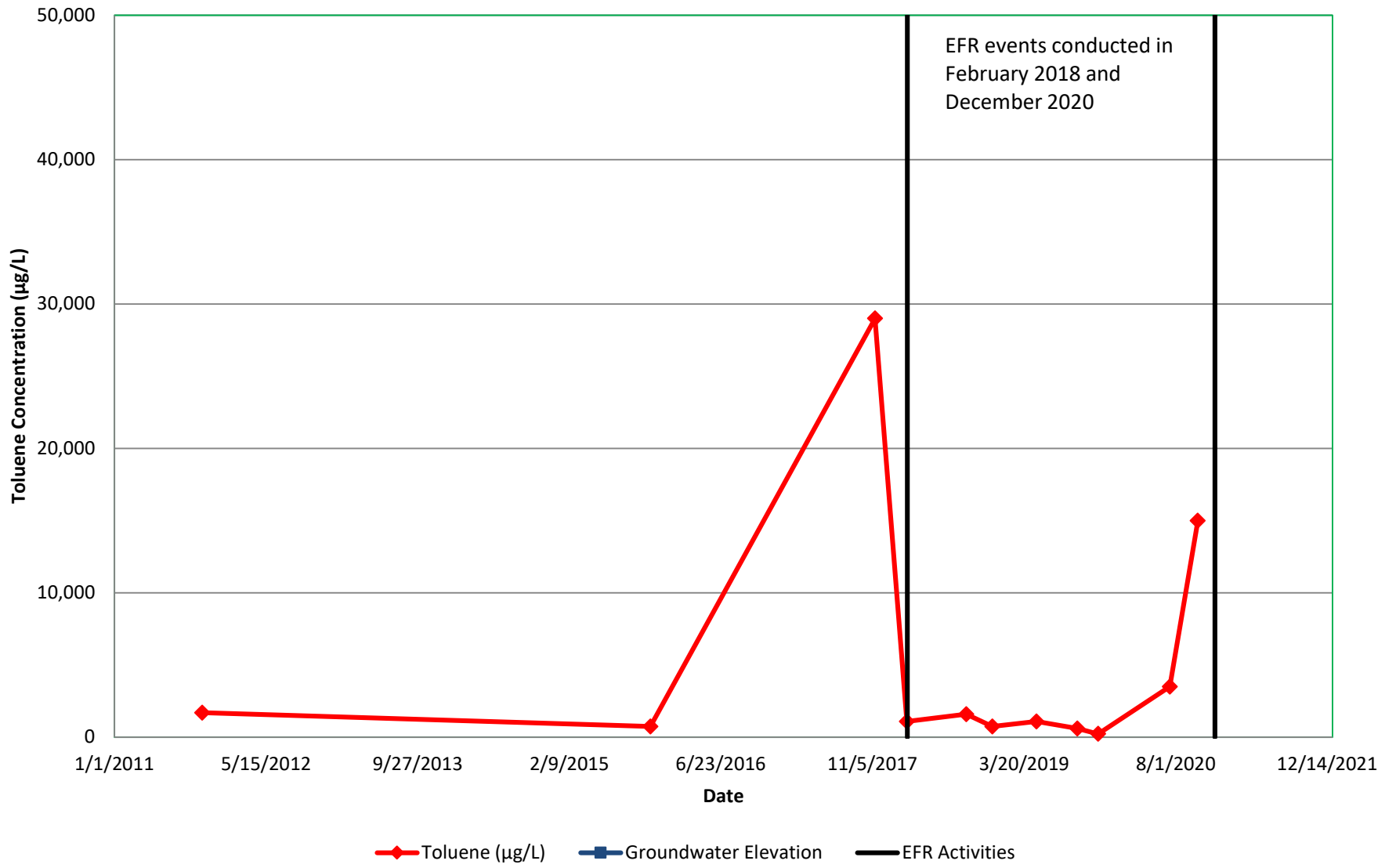
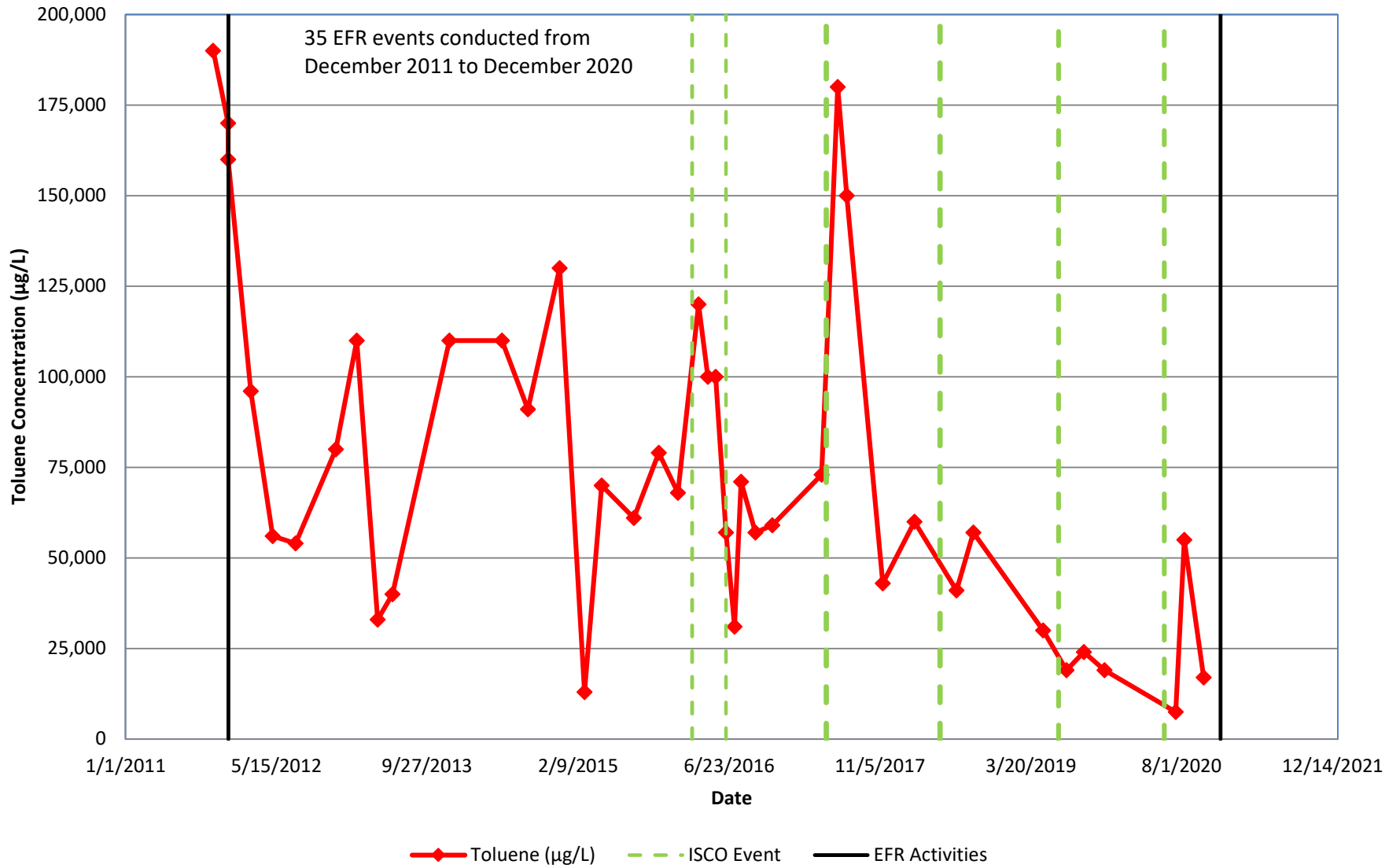
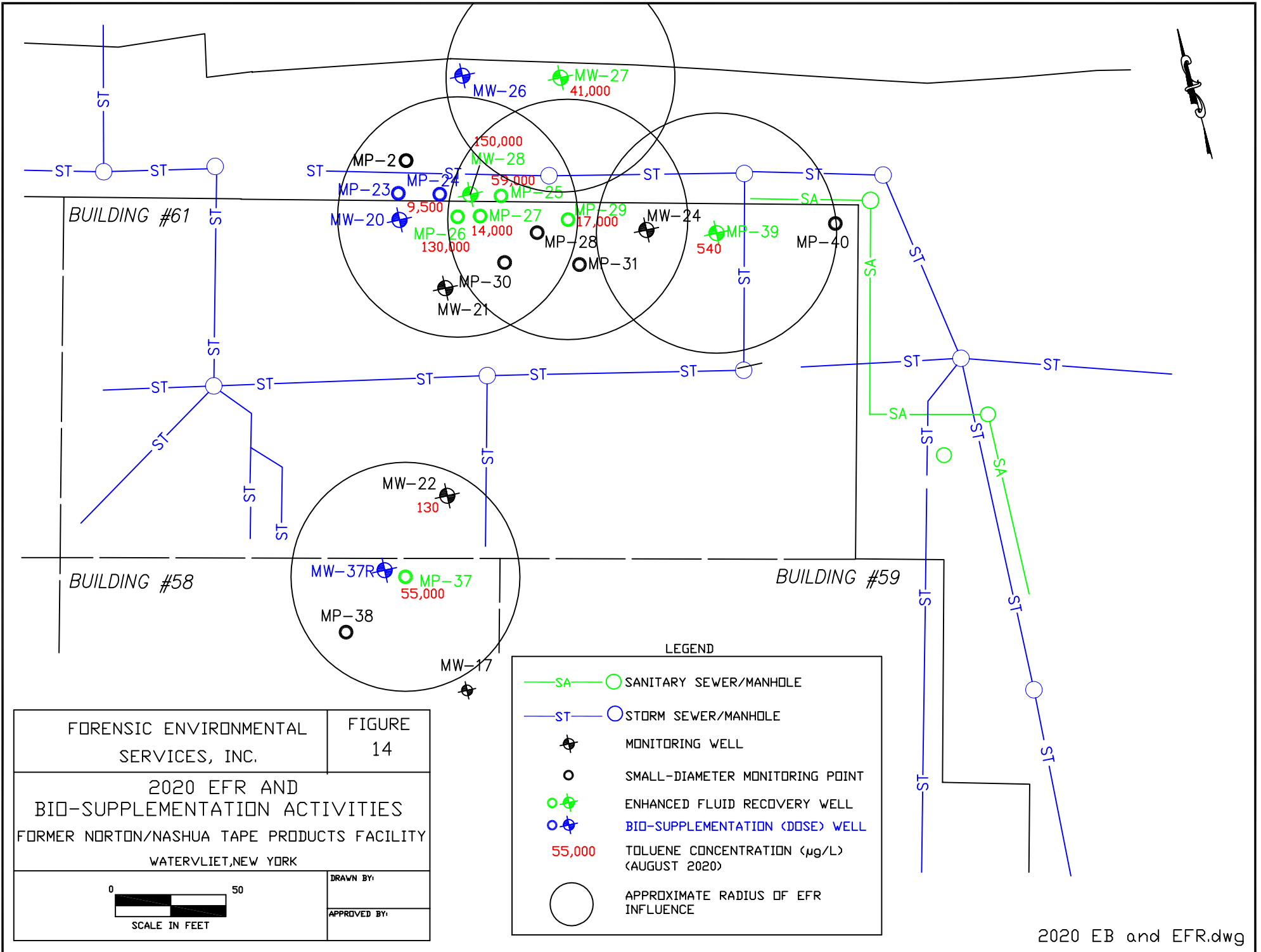
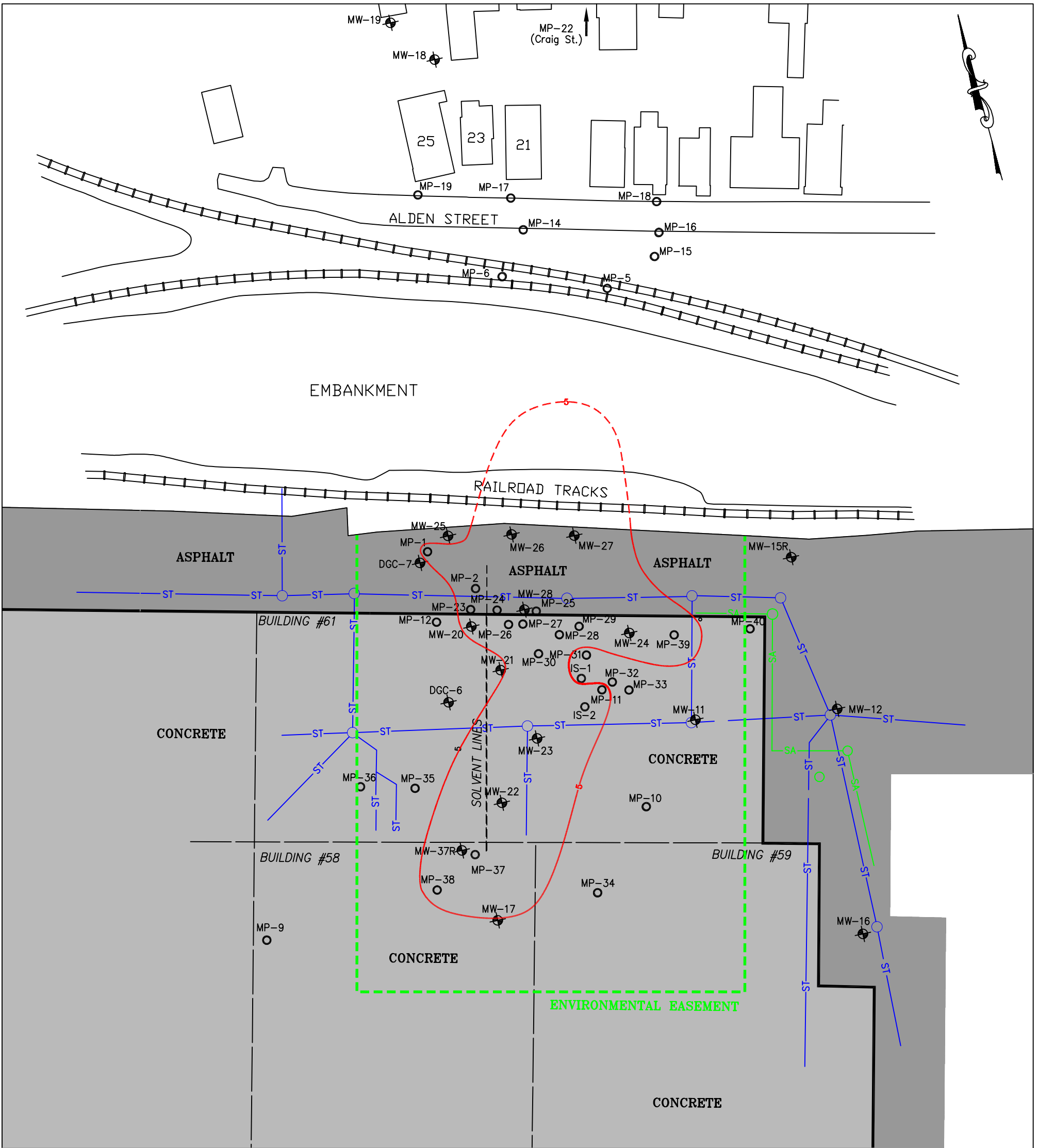


Figure 13
Toluene Concentrations Vs Time
Monitoring Well MP-37
Former Norton/Nashua Tape Products Facility







EMBANKMENT

RAILROAD TRACKS

ASPHALT

ASPHALT

ASPHALT

CONCRETE

CONCRETE

CONCRETE

ENVIRONMENTAL EASEMENT

CONCRETE

BUILDING #61

BUILDING #58

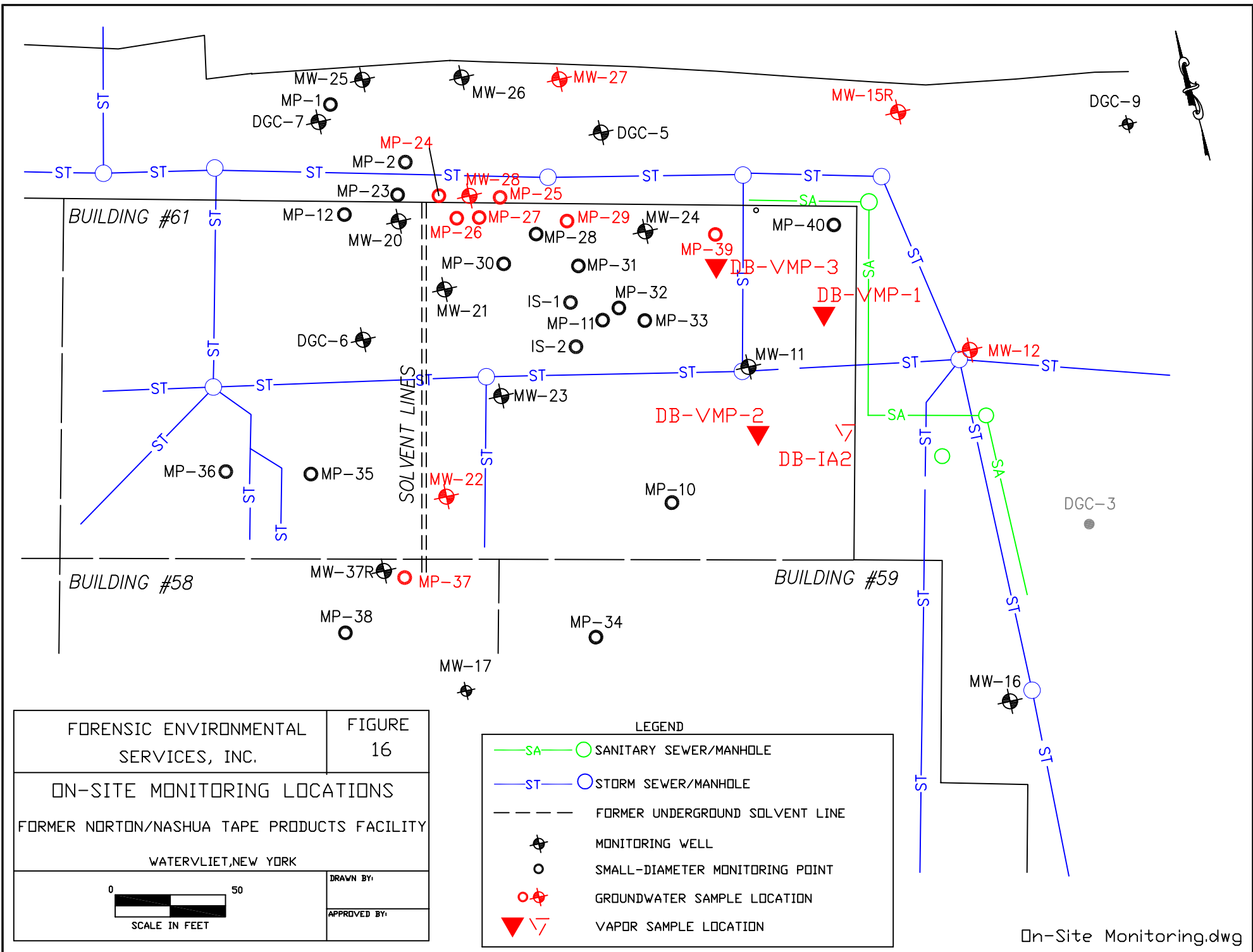
BUILDING #59

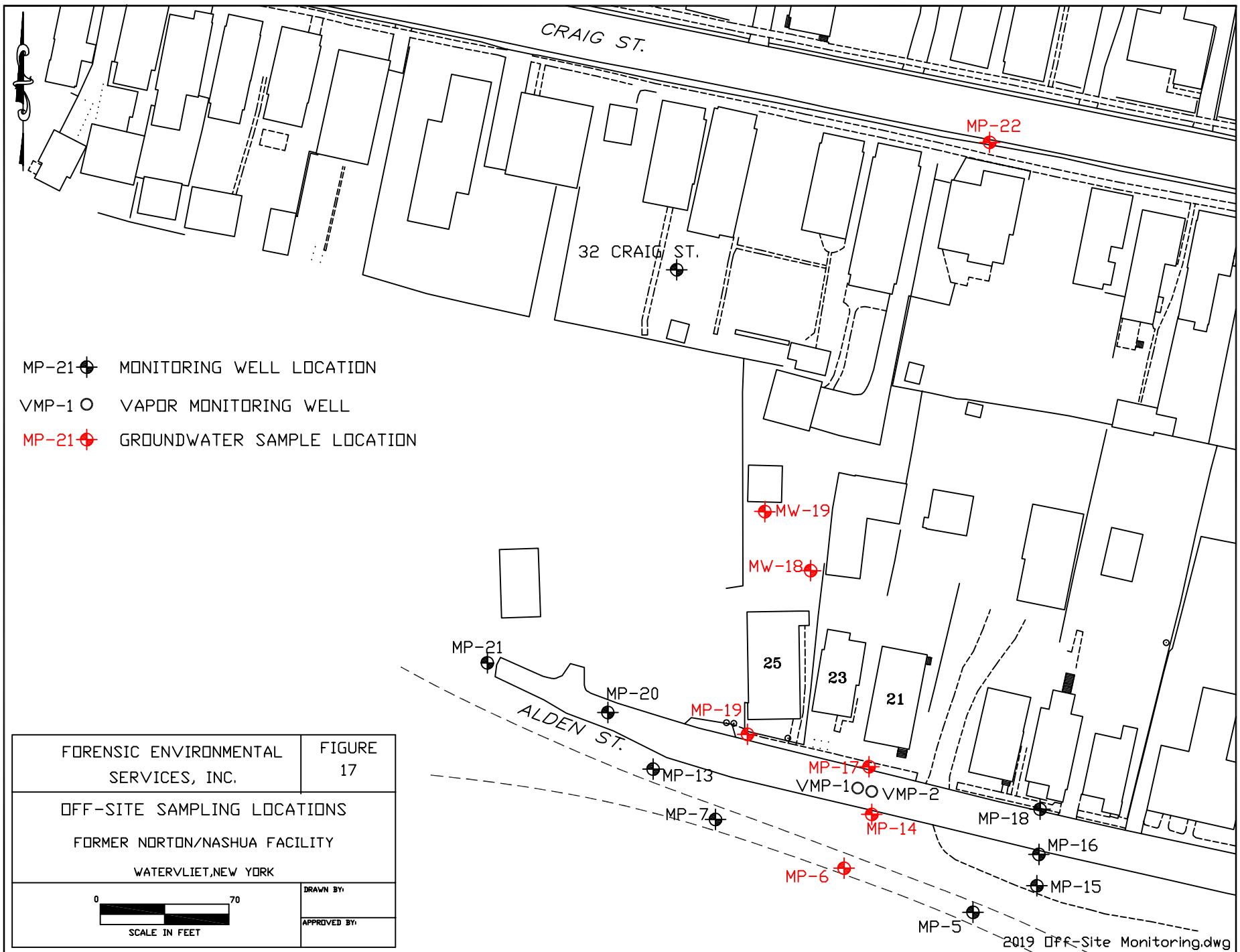
SOLVENT LINES

LEGEND

- SA — ○ SANITARY SEWER/MANHOLE
- ST — ○ STORM SEWER/MANHOLE
- — — FORMER UNDERGROUND SOLVENT LINE
- ⊕ MONITORING WELL
- SMALL-DIAMETER MONITORING POINT
- ▒ ASPHALT COVER
- ▒ CONCRETE COVER
- — — APPROXIMATE EXTENT OF TOLUENE PLUME ($5 \mu\text{g/L}$)

FORENSIC ENVIRONMENTAL SERVICES, INC.	FIGURE 15
COVER SYSTEM	
FORMER NORTON/NASHUA TAPE PRODUCTS FACILITY	
WATERVLIET, NEW YORK	
<p>SCALE IN FEET</p>	<p>DRAWN BY: B.J.M. 8/5/2017</p> <p>APPROVED BY: B.J.M. 8/5/2017</p>





ATTACHMENT 1
WASTE MANIFESTS

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD002083954	2. Page 1 of 1	3. Emergency Response Phone 8448738723	4. Manifest Tracking Number 021299974 JJK		
5. Generator's Name and Mailing Address SAINT-GUBAIN CORPORATION 20 McDREE RD MALVERN, PA 19355 Generator's Phone: 610-893-5667				Generator's Site Address (if different than mailing address) SAINT-GUBAIN ABRASIVES INC CRABAPPLE LANE COLONIE, NY 12212			
6. Transporter 1 Company Name TRADEBE TRANSPORTATION, LLC					U.S. EPA ID Number CTD021816889		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address NURLITE, LLC 628 SARATOGA STREET COHODES, NY 12047 Facility's Phone: 518-235-0401					U.S. EPA ID Number NYD080465935		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type			D001	F005
X	UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S. (TOLLENE, XYLENE) 3 III RQ (D001)	1	TT	850	G		
14. Special Handling Instructions and Additional Information DOT 118 1000137-103 SH: 2487354							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name ...				Signature ...		Month Day Year 11 03 20	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Tamuel Chino				Signature Chino		Month Day Year 11 03 20	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number: _____							
18b. Alternate Facility (or Generator)					U.S. EPA ID Number		
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. _____		2. _____		3. _____		4. _____	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name				Signature		Month Day Year	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD002083954	2. Page 1 of 1	3. Emergency Response Phone 8449738723	4. Manifest Tracking Number 021343569 JJK				
5. Generator's Name and Mailing Address SAINT-GOBAIN CORPORATION 20 MOORES RD MALVERN, PA 19355 Generator's Phone: 610-893-5667				Generator's Site Address (if different than mailing address) SAINT-GOBAIN ABRASIVES INC CRABAPPLE LANE COLONIE, NY 12212					
6. Transporter 1 Company Name TRADEBE TRANSPORTATION, LLC					U.S. EPA ID Number CTD021816889				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address NORLITE, LLC 628 SARATOGA STREET COHOES, NY 12047 Facility's Phone: 518-233-0401					U.S. EPA ID Number NYD080469935				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	X	UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S. (TOLUENE, XYLENE) 3 III RQ (D001)		1	TT	972	6	D001	F005
14. Special Handling Instructions and Additional Information 001) EMS 128 1000237589 SO: 2487360									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offoror's Printed/Typed Name <i>Amber...</i>					Signature <i>[Signature]</i>			Month Day Year <i>11 4 20</i>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ Transporter signature (for exports only): _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <i>Ismael...</i>					Signature <i>[Signature]</i>			Month Day Year <i>11 4 20</i>	
Transporter 2 Printed/Typed Name					Signature			Month Day Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ U.S. EPA ID Number _____									
18b. Alternate Facility (or Generator) U.S. EPA ID Number _____									
Facility's Phone: _____									
18c. Signature of Alternate Facility (or Generator)							Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1.		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name					Signature			Month Day Year	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD002083954	2. Page 1 of 1	3. Emergency Response Phone 8448738723	4. Manifest Tracking Number 017573377 JJK	
5. Generator's Name and Mailing Address SAINT-GOBAIN CORPORATION 20 MOORES RD MALVERN, PA 19355 610-893-5667			Generator's Site Address (if different than mailing address) SAINT-GOBAIN ABRASIVES INC CRABAPPLE LANE COLONIE, NY 12212			
6. Transporter 1 Company Name TRADEBE TRANSPORTATION, LLC					U.S. EPA ID Number CTD021816889	
7. Transporter 2 Company Name					U.S. EPA ID Number	
8. Designated Facility Name and Site Address NORLITE, LLC 622 SARATOGA STREET COHOES, NY 12047 518-235-0401					U.S. EPA ID Number NYD080469935	
Facility's Phone:						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity
				No.	Type	12. Unit WL/Vol.
	X	UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S. (TOLUENE, XYLENE) 3 III RQ (D001)		1	TT	G
	2.					
	3.					
4.						
13. Waste Codes D001 F005						
14. Special Handling Instructions and Additional Information: 2487362						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offoror's Printed/Typed Name <i>X W. G. ...</i>				Signature <i>X [Signature]</i>		Month Day Year 12 8 20
TRANSPORTER INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	17. Transporter Acknowledgment of Receipt of Materials					
TRANSPORTER	Transporter 1 Printed/Typed Name <i>TRADEBE TRANSPORTATION, LLC</i>		Signature <i>[Signature]</i>		Month Day Year 12 8 20	
	Transporter 2 Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy					
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
	18b. Alternate Facility (or Generator) U.S. EPA ID Number					
	Facility's Phone:					
18c. Signature of Alternate Facility (or Generator)					Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name				Signature		Month Day Year

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: 83954	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number: 017573378 JJK
-----------------------------------------	-------------------------------	--------------	-----------------------------	--------------------------------------------

5. Generator's Name and Mailing Address: 20 MOORES RD MALVERN, PA 19355	Generator's Site Address (if different than mailing address): CRABAPPLE LANE COLONIE, NY 12212
-------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------

Generator's Phone: 610-893-5667

6. Transporter 1 Company Name: TRANSPORTATION, LLC	U.S. EPA ID Number: 017573378
----------------------------------------------------	-------------------------------

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

8. Designated Facility Name and Site Address: 628 SARATOGA STREET CORDES, NY 12047	U.S. EPA ID Number: 518-235-0401
------------------------------------------------------------------------------------------	----------------------------------

Facility's Phone: 518-235-0401

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
1	UN1993 WASTE FLAMMABLE LIQUIDS, R.O.S. (TOLUENE, XYLENE) 3 III RQ (D001)	1	TT	425	G	D001 F005
2.						
3.						
4.						

14. Special Handling Instructions and Additional Information: 248/366

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

Generator's/Offeor's Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: _____	Signature: _____	Month: _____	Day: _____	Year: _____
Transporter 2 Printed/Typed Name: _____	Signature: _____	Month: _____	Day: _____	Year: _____

18. Discrepancy

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

Manifest Reference Number: _____

18b. Alternate Facility (or Generator) U.S. EPA ID Number: _____

Facility's Phone: _____

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

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

1.	2.	3.	4.
----	----	----	----

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

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

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

ATTACHMENT 2
CAP INSPECTION FORM

**SITE MANAGEMENT FORM
CAP SYSTEM INSPECTION FORM**

Former Norton/Nashua Tape Products Facility
2600 Seventh Avenue
Watervliet, New York

O&M INSPECTION

11/3/20

Inspector Information		Date/Time: 11/3/20
Inspector Name: Andrew Hill		Project No.
Company: FES		Weather:
Address:		
Phone: 610 344 5940		
E-mail: amusic@chesco.com		
<p>Are there cracks or rills in the soil cap more than 2-inches wide? Do the cracks extend through the cap?</p> <p>Comments: Minor thin cracks < 2" Uncovered concrete patches from Geoprobe near MP-37</p>		Yes <input type="radio"/> No <input checked="" type="radio"/>
<p>Are there noticeable depressions, ponding of surface water, or evidence of ponding on cap?</p> <p>Comments:</p>		Yes <input type="radio"/> No <input checked="" type="radio"/>
<p>Are there any signs of sliding or sloughing which might indicate cap failure?</p> <p>Comments:</p>		Yes <input type="radio"/> No <input checked="" type="radio"/>
<p>Are there open holes or animal burrows in the cap?</p> <p>Comments:</p>		Yes <input type="radio"/> No <input checked="" type="radio"/>
<p>Is there excessive debris, silt, or other deleterious material obstructing flow over the cap?</p> <p>Comments:</p>		Yes <input type="radio"/> No <input checked="" type="radio"/>
<p>Is there evidence of erosion or damage to the cap?</p> <p>Comments:</p>		Yes <input type="radio"/> No <input checked="" type="radio"/>
<p>Are there areas of stressed or missing vegetation adjacent to the cap?</p> <p>Comments:</p>		Yes <input type="radio"/> No <input checked="" type="radio"/>

CAP SYSTEM INSPECTION FORM

Watervliet New York

Date:

Have invasive or deep-rooting species taken root on the cap cover?

Yes

No

Comments:

Is the perimeter fencing intact and in good condition?

Yes

No

Comments:

Other evidence of cap system damage or failure?

Yes

No

Comments:

Additional Notes:

Inspector Signature:

[Handwritten Signature]