

Appendix B

Nature and Extent of Non-PFAS Chemicals of Potential Concern



Technical Memorandum

To: File
From: C.T. Male Associates and BEC Engineering and Geology, P.C.
Subject: Nature and Extent of Non-PFAS Chemicals of Potential Concern
McCaffrey Street Site, Hoosick Falls, New York
Date: June 30, 2022

The purpose of this technical memorandum is to summarize the analytical results from remedial investigations, conducted on or near the Saint-Gobain Performance Plastics (SGPP) McCaffrey Street site (the Site¹) from 2016 through 2019², that characterize the nature and extent of chemicals of potential concern (COPCs), excluding per- and poly-fluoroalkyl substances (PFAS), detected on or near the Site. All sample results discussed herein were collected in accordance with the Remedial Investigation/Feasibility Study (RI/FS) Work Plan (CTM, 2016) or subsequent scopes of works associated with the McCaffrey Street Site and approved by NYSDEC. In accordance with DER-10 technical guidance, the “extent” of COPCs is based on concentrations relative to New York State (NYS) Standards, Criteria and Guidance (SCGs) or background levels. Where COPCs have been detected above the SCGs, consideration is given to whether the COPCs are attributable to a release on the Site and, if attributable, how the existing data provides for delineation.

Samples of soil, groundwater, and surface water were analyzed by independent laboratories for one or more of the following suites of non-PFAS chemicals in accordance with the approved Quality Assurance Project Plan (QAPP) appended to the RI/FS Work Plan: Target Compound List (TCL) volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, and polychlorinated biphenyls (PCBs); Target Analyte List (TAL) metals (including mercury); cyanide; major cations (calcium, magnesium, sodium, and potassium) and anions (chloride, sulfate, carbonate, and bicarbonate). Each laboratory conducted internal data reviews for adherence to the project QAPP and data validation was performed by an independent third party. Following validation, the data were submitted to NYSDEC.

Analytical results for non-PFAS COPCs detected at concentrations greater than applicable SCGs are summarized in Tables 1 through 6 and Figures 1 through 29. A summary of SCG exceedance frequency for on-site and off-site samples of soil, groundwater, and surface water is provided in Table 7. Note that RI sediment samples were analyzed for PFAS only and are therefore not included or discussed herein. The figures show the analytical results for sample locations with a COPC concentration above applicable standards. Sample locations and analytical results are color-coded according to the SCG exceeded. Sample locations without a COPC

¹ In this document, the “Site” is defined as the tax parcel associated with 14 McCaffrey Street where the SGPP facility currently operates. Sample locations described as “on-site” are within the boundaries of the tax parcel. Sample locations described as “off-site” are outside the boundaries of the tax parcel.

² Sampling of the groundwater monitoring well network and surface water is ongoing, but the dataset included and discussed within this document includes only samples collected from 2016 through 2019. The results for groundwater and surface water samples collected in 2020 and 2021 are consistent with the results discussed within this document.

concentration above Unrestricted Use SCGs are identified with a black symbol. Sample locations that were not analyzed for the COPC are identified with a white symbol.

1.0 Soil and Vadose Zone

RI Soil sampling began in 2016. The soil dataset contains 630 soil samples (including field duplicates) collected from 56 on-site locations and 52 off-site locations between September 2016 and July 2019. The soil dataset includes samples collected from three depth intervals (defined below): surface, near-surface, and subsurface.

Surface soil samples were collected at each surface soil sample location, from beneath the vegetative root zone to a depth of 2 inches. Therefore, the surface soil sample is a 2-inch interval sample that is the shallowest sample from a sampling location. If the starting depth for a surface soil sample is indicated as 0.2 feet (i.e., 2.4 inches), a vegetative root zone was present and removed prior to collection of the sample at this location.

Near-surface soil samples were collected from a 10-inch interval beneath a co-located surface soil sample. Therefore, the near-surface soil sample is a 10-inch interval that is the second most shallow sample from a sample location.

Subsurface soil samples were collected from depth intervals other than surface and near-surface depth intervals, including immediately above the water table; at soil mottling zones; at the fill/native soil interface; and at major stratigraphic changes. At some locations, subsurface soil samples were collected from saturated depths (i.e., below the water table).

Soil samples were also collected from a unique feature beneath the Site building known as the Extruder Pit. The Extruder Pit was created to accommodate manufacturing equipment that extended below the concrete floor slab. This equipment and the Extruder Pit are no longer used. Soil samples of the Extruder Pit floor were collected at depths of 7.33 feet (0-2 inches), 7.5 feet (2-12 inches), and 8.5 feet (12-24 inches) below the top of the concrete floor slab. Soil samples of the Extruder Pit sidewalls were collected based on observed staining, coloration, and apparent composition of soil.

The RI soil samples discussed herein were analyzed for one or more of the following groups of non-PFAS parameters in accordance with an approved work plan: VOCs, SVOCs, pesticides, PCBs, metals, and general parameters (total organic carbon, cyanide, moisture, and pH).

Soil results were compared to NYS Part 375 Soil Cleanup Objectives (SCOs) in Tables 375-6.8(a) and 375-6.8(b) of 6 NYCRR Part 375 and the Commissioner Policy 51 (CP-51) Supplemental SCOs. Specifically, the following SCOs were used: Unrestricted Use (i.e., the lowest of all SCOs, including protection of groundwater and protection of ecological resources, used to define extent); Residential Use; Restricted-Residential Use; Commercial Use; and Industrial Use. Based on the current understanding of historical chemical use at the Site, the analytical results for total chromium were compared to the SCOs for trivalent chromium. Comparison of SCOs to the results of laboratory analyses for on-site and off-site soil samples are summarized in Tables 1 and

2, respectively. Concentration maps for soil parameters discussed in this section are provided on Figures 1 through 14.

The included tables and figures provide comparative screening against the comprehensive set of SCOs. However, discussions included below are generally limited to the Unrestricted Use SCO, Industrial Use SCOs (on-site sampling locations), and Residential Use SCOs (off-site sampling locations) for concision. The discussions below are limited to those which had one or more samples with concentrations exceeding the Unrestricted Use SCO.

1.1 Volatile Organic Compounds

Six VOCs were detected in soil samples at concentrations greater than Unrestricted Use SCOs: acetone, benzene, toluene, methylene chloride, trichloroethylene (TCE), and cis-1,2-dichloroethylene. As shown on Figures 1 and 2, the extent of these VOCs in soil has been adequately delineated to Unrestricted Use SCOs.

Acetone was detected on-site at concentrations greater than the Unrestricted Use SCO in several samples, as shown on Figure 1. None of these on-site detections were greater than the Industrial Use SCOs (in fact, the detections were below the Residential Use SCOs). Acetone was also detected off-site at concentrations greater than the Unrestricted Use SCO in surface and/or near-surface soil samples from MW20, PZ07, and several subsurface soil samples. None of these off-site detections were greater than the Residential Use SCO. As shown on Figure 1, the off-site exceedances are primarily at depth, and several were collected well below the water table at greater than 60 feet below ground surface (bgs). However, acetone was not detected at concentrations greater than the Class GA Value in any groundwater samples collected on-site or off-site (Section 2.1).

As shown on Figure 2, benzene and toluene were not detected at a concentration greater than SCOs in any on-site samples. However, they were detected immediately east of the Site, at concentrations greater than the Unrestricted Use SCO in subsurface soil sample GP18 (4.5-6 feet). Methylene chloride was also reported off-site at a concentration greater than the Unrestricted Use SCO in a near-surface soil sample from MW41. Based on the isolated nature of these off-site detections and the lack of similar exceedances of these Unrestricted Use SCOs on-site, the off-site detections of benzene, toluene, and methylene chloride are delineated and are considered unrelated to Site operations.

As shown on Figure 2, trichloroethylene (TCE) and cis-1,2-dichloroethylene were not detected at a concentration greater than SCOs in any on-site samples. However, they were detected off-site at concentrations greater than the Unrestricted Use SCO in saturated subsurface soil samples from MW10 (10.5-11.5 feet and 12-13 feet) and are therefore delineated in soils. TCE and cis-1,2-dichloroethylene were also detected in groundwater samples from this location (MW10). The delineation of these COPCs in groundwater is discussed in Section 2.1.

1.2 Semivolatile Organic Compounds

Seven SVOCs were detected in soil samples at concentrations greater than the Unrestricted Use SCOs. As shown on Figure 3, the extent of these SVOCs in soil above Unrestricted Use SCOs has been adequately delineated.

SVOCs were detected at concentrations above SCOs at only one on-site location, as shown on Figure 3. Benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected on-site at concentrations greater than the Unrestricted Use SCOs in surface and near-surface soil samples from MW08. Only the concentration of benzo(a)pyrene in the on-site surface soil sample from MW08 was greater than the Industrial Use SCO.

Benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and/or indeno(1,2,3-cd)pyrene were also detected off-site at concentrations greater than the SCOs (Figure 3) in several samples. As shown on Figure 3, the off-site SVOC exceedances are located at shallow depths and are isolated from each other, which indicates the absence of a source area associated with Site operations or a transport pathway from the Site. Also, the highest SVOC concentrations in soil are located near the Hoosic River (MW20), which is located west of the Site across historic railroad tracks, receives surface water flow from surrounding areas, and periodically floods.

1.3 Pesticides

The following six pesticides were detected in soil samples at concentrations greater than Unrestricted Use SCOs: aldrin, beta-hexachlorocyclohexane (b-BHC), heptachlor, dichlorodiphenyldichloroethane (4,4'-DDD), dichlorodiphenyldichloroethylene (4,4'-DDE), and dichlorodiphenyltrichloroethane (4,4'-DDT). As shown on Figures 4 and 5, the extent of these pesticides in soil above Unrestricted Use SCOs has been adequately delineated.

Pesticides 4,4'-DDE and 4,4'-DDT were detected on-site at concentrations greater than the Unrestricted Use SCO in several samples, as shown on Figure 4. However, these on-site detections were less than the Industrial Use SCOs (in fact, less than Residential SCOs). Pesticides 4,4' DDD, 4,4'-DDE, and/or 4,4'-DDT were also detected off-site at concentrations greater than the Unrestricted Use SCO in the several samples, as shown on Figure 4. None of these off-site detections were greater than the Residential Use SCO. As shown on Figure 4, the exceedances are located throughout the investigation area, and the highest concentrations in soil are located furthest from the Site, near the Village water treatment plant (MW24) and in the residential area north of the Site (MW34). This distribution of exceedances suggests the potential for off-site sources of these pesticides.

Aldrin was not detected at a concentration greater than SCOs in any on-site samples (Figure 5). However, it was detected off-site at a concentration slightly greater than the Unrestricted Use SCO in a near-surface soil sample from MW40. However, aldrin was not detected in any other soil sample or groundwater sample from this

location. As shown on Figure 5, aldrin in soil is delineated, and the isolated nature of the single SCO exceedance indicates the absence of a source area associated with Site operations or a transport pathway from the Site.

Pesticides b-BHC and heptachlor were not detected at a concentration greater than SCOs in any on-site samples (Figure 6). However, they were detected off-site at concentrations greater than the Unrestricted Use SCOs in one subsurface soil sample collected from MW28 at a depth of 126-127 feet bgs. However, these pesticides were not detected in any other soil samples or groundwater samples from this location. As shown on Figure 5, b-BHC and heptachlor in soil is delineated, and the isolated nature of these exceedances indicates the absence of a source area associated with Site operations or a transport pathway from the Site.

1.4 PCBs

As shown on Figure 5, the extent of PCBs in soil has been adequately delineated to Unrestricted Use SCOs. One PCB (Aroclor 1260) was detected on-site at a concentration greater than the Unrestricted Use SCO in one surface soil sample collected from MW16, which is near a historical transformer. As shown on Figure 5, Aroclor 1260 has been delineated in soil, and the isolated on-site detection was less than the Industrial Use SCOs (in fact, less than Residential SCOs).

A different PCB (Aroclor 1242) was detected off-site at a concentration greater than the Unrestricted Use SCO (less than the Residential Use SCO) in a subsurface soil sample collected from MW33 (located more than 600 feet north of the Site) at a depth of 66-67 feet bgs. As shown on Figure 5, Aroclor 1242 has been delineated in soil, and the isolated nature of the exceedance indicates the absence of a source area associated with Site operations or a transport pathway from the Site.

1.5 Metals

As shown on Figures 6 through 14 and discussed below, the extent of metals in soil has been adequately characterized. Ten of 23 metals analyzed were detected in soil samples at concentrations greater than Unrestricted Use SCOs and are discussed further below. Because metals occur naturally in the environment, many of these detections may not be related to Site operations.

Cadmium was detected at concentrations greater than the Unrestricted Use SCO in two off-site sample locations, but not in any on-site sample locations. As such, cadmium is considered to be unrelated to Site operations. Nine other metals (arsenic, barium, chromium³, copper, lead, manganese, mercury, nickel, and zinc) were detected in soil samples from various depth intervals, both on-site and off-site, at concentrations greater than Unrestricted Use SCOs and are therefore discussed further below.

³ Based on the current understanding of historical chemical use at the Site, the analytical results for total chromium were considered representative of trivalent chromium and were compared to the SCOs for trivalent chromium.

All SCOs for arsenic, except for the Unrestricted Use SCO, are set to the same concentration as the Rural Soil Background Concentration (RSBC; 16 mg/kg). As shown on Figure 6, arsenic was detected on-site at concentrations slightly greater than the Unrestricted Use SCO (13 mg/kg) in one surface soil sample (SS10) and two subsurface soil samples (MW09 and MW13); however, none of these on-site detections were greater than the RSBC. Arsenic was detected off-site at concentrations greater than the RSBC and, consequently, multiple SCOs, in two near-surface soil samples and seven subsurface soil samples. As shown on Figure 6, these off-site exceedances are sporadic in both depth and distance from the Site indicating the absence of a source area associated with Site operations or a transport pathway from the Site.

The Unrestricted Use and Residential Use SCOs for barium are set to the same concentration as the RSBC (350 mg/kg). Barium was detected on-site at a concentration greater than the RSBC in one subsurface soil sample from MW06 (2-3 feet). However, the concentration was less than the Industrial Use SCO (10,000 mg/kg). Barium was also detected off-site at a concentration slightly greater than the RSBC in one subsurface soil sample from MW25 (7.5-8.5 feet). As shown on Figure 7, barium in soil is delineated, and the exceedances are isolated in both depth and distance from each other, indicating the absence of a source area associated with Site operations or a transport pathway from the Site.

In several soil samples, chromium was detected on-site at concentrations greater than the Unrestricted Use SCO, which is set at the RSBC of 30 mg/kg. None of these on-site detections were greater than the Industrial Use SCO. As shown on Figure 8, chromium was also detected off-site at concentrations greater than the Unrestricted Use SCO in soil samples from many off-site locations. As also shown on Figure 8, the highest off-site chromium concentrations were detected in surface and near-surface soils along the Hoosic River (SS15 and SS16), followed by shallow soils in the low area south of the Site, which receives surface water flow from surrounding areas and periodically floods. Chromium in soils is delineated, and the distribution of exceedances suggests the potential for off-site sources of chromium.

Copper was detected on-site at concentrations greater than the Unrestricted Use SCO in several soil samples, as shown on Figure 9; however, all on-site concentrations were below the Industrial Use SCO. Copper was also detected off-site at concentrations greater than the Unrestricted Use SCO in several soil samples; however, all off-site concentrations were below the Residential SCO. As shown on Figure 9, many of the exceedances are only slightly above the Unrestricted Use SCO of 50 mg/kg (no RSBC is available for copper). The off-site exceedances are sporadic in both depth and distance from the Site indicating the absence of a source associated with Site operations or a transport pathway from the Site.

Lead was detected on-site at concentrations greater than the Unrestricted Use SCO in several soil samples, as shown on Figure 10. None of the on-site detections were greater than the Industrial Use SCO. As shown on Figure 10, lead was also detected off-site at concentrations greater than the Unrestricted Use SCO in many soil samples. None of these detections were above the Residential Use SCO, except for the subsurface soil sample from SB01 (6-7 feet bgs), located near the sewer overflow manhole. As shown on Figure 10, the exceedances are located at shallower depths with few exceptions. Although the highest lead concentrations in soil appear to

To: File
From: C.T. Male Associates and BEC Engineering and Geology, P.C.
Subject: Nature and Extent of Non-PFAS Chemicals of Potential Concern, McCaffrey Street Site, Hoosick Falls, New York
Date: June 30, 2022
Page: 7

be associated with a sewer overflow manhole located off-site to the southeast and the debris area located in the northwest corner of the Site, there does not appear to be a connection or transport pathway between these areas which have been delineated.

The Residential Use SCO for Manganese is set to the same concentration as the RSBC (2,000 mg/kg); however, the Unrestricted Use (1,600 mg/kg) is not. As shown on Figure 11, manganese was detected on-site at concentrations greater than the RSBC in two subsurface soil samples. Neither of the on-site detections was greater than the Industrial Use SCO. Manganese was also detected off-site at concentrations greater than the RSBC in four subsurface soil samples. As shown on Figure 11, manganese in soil is delineated. These off-site exceedances are sporadic in both depth and distance from the Site, indicating the absence of a source area associated with Site operations or a transport pathway from the Site.

The RSBC for mercury (0.3 mg/kg) is above the Unrestricted Use SCO (0.18 mg/kg) and below the Residential Use SCO (0.81 mg/kg). Mercury was detected on-site at concentrations greater than the RSBC in samples from the southern edge of the parcel (Figure 12). However, these on-site detections were lower than Industrial Use SCOs (in fact, less than Residential Use SCOs). Mercury was also detected off-site at concentrations greater than the RSBC in several soil samples, but below the Residential Use SCO in all samples. As shown on Figure 12, the exceedances are located primarily at shallow depths in the low area south of the Site that receives surface water flow from surrounding areas and periodically floods. The highest mercury concentrations in soil are located along the Hoosic River (SS15) and in the residential area north of the Site (MW33). Mercury concentrations in soil are delineated, and the distribution suggests the lack of an on-site source and the potential for off-site sources of mercury.

As shown on Figure 13, nickel was detected on-site at concentrations greater than the Unrestricted Use SCO in several soil samples; however, all concentrations were below the Industrial Use SCOs. Nickel was also detected off-site at concentrations greater than the Unrestricted Use SCO in many locations, but below the Residential Use SCO in all samples. As shown on Figure 13, the exceedances are located at various depths throughout the investigation area and primarily within a narrow concentration range, with few exceptions, which is suggestive of natural background conditions although no RSCB is available.

As shown on Figure 14, zinc was detected on-site at concentrations greater than the Unrestricted Use SCO in several soil samples mainly in the northeastern portion of the Site. None of the on-site detections were greater than the Industrial Use SCOs (in fact, less than Residential Use SCOs). Zinc was also detected off-site at concentrations greater than the Unrestricted Use SCO in many samples but below the Residential Use SCO in all samples. The highest zinc concentrations in soil (SB01) are located southeast of the Site and may be associated with an off-site sewer overflow manhole. As shown on Figure 14, zinc is delineated, and the off-site exceedances are located primarily at shallow depths in the low area south of the Site, which receives surface water flow from the surrounding area and periodically floods.

1.6 General Parameters

Soil samples were analyzed for the general parameters of total organic carbon, cyanide, moisture, and pH. Of the general parameters analyzed in soil samples collected from the Site, SCOs have been developed for cyanide only. Cyanide was not detected at concentrations greater than the Unrestricted Use SCO in any soil samples collected on-site or off-site.

2.0 Groundwater

Groundwater sampling conducted under the RI/FS Work Plan (CTM, 2016) began at the Site in 2016. Sampling of the monitoring well network is ongoing, but the dataset included and discussed within this document includes only samples collected through 2019. No new wells have been added to the monitoring well network since 2019. This groundwater dataset contains 903 samples (including field duplicates) collected from 110 locations between May 2016 and October 2019. It includes samples collected from temporary wells only sampled once, wells installed at the beginning of the RI activities that have been sampled numerous times, and permanent wells installed later in the RI (e.g., early 2019) that have been sampled a few times. Initially, RI groundwater samples have been collected quarterly and analyzed for PFAS, VOCs, SVOCs, pesticides, PCBs, metals, major cations, and anions as recharge allowed. However, in 2019 the sampling frequency and analytical list were reduced. Ongoing groundwater sampling includes analysis of PFAS, VOCs, and metals.

Groundwater sample results were compared to the NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values: Standards and Guidance Values for Class GA Water ("Class GA Values"). Tables 3 through 5 present groundwater analytical results compared to the Class GA Values sorted by shallow, deep, and bedrock wells. These tables include the sample depth corresponding to the screened interval and the location (i.e., on-site or off-site) of each sample location.

Concentration maps for parameters discussed in this section are provided on Figures 15 through 27.

2.1 Volatile Organic Compounds

Seven VOCs were detected in groundwater samples at concentrations greater than the Class GA Values. As shown on Figures 15a through c, the extent of these VOCs in groundwater has been adequately delineated below the applicable standards.

As shown on Figure 15a, the VOCs 1,1-dichloroethylene, cis-1,2-dichloroethylene, and trans-1,2-dichloroethylene were detected in one shallow groundwater sample from off-site boring GP13 at concentrations greater than the Class GA Values. The VOC 1,1-dichloroethane was detected at concentrations greater than the Class GA Value in groundwater samples from on-site shallow well MW22, and cis-1,2-dichloroethylene was detected at concentrations greater than the Class GA Value in groundwater samples from on-site shallow well MW16. As shown on Figures 15a and 15b, trichloroethylene (TCE) was detected at concentrations greater than the Class GA Value in groundwater samples from on-site shallow locations GP10 and MW16; deep on-site well MW03; shallow off-site borings GP13, GP16, GP17; and deep off-site wells MW07

and MW10. These VOCs are delineated in groundwater and none were detected at concentrations greater than the Class GA Value in bedrock wells (Figure 15c).

Chloroform and toluene were each detected one time at concentrations greater than the Class GA Value in separate samples from on-site bedrock well MW19. These VOCs were not detected in any other samples from MW19 and were not detected at concentrations greater than the Class GA Value in shallow or deep wells. As shown on Figure 15c, chloroform and toluene in groundwater are delineated. Additionally, the isolated nature of these exceedances (as well as the absence of these VOCs in shallow or deep groundwater samples as shown on Figures 15a through b) indicates the absence of a source area associated with Site operations.

2.2 Semivolatile Organic Compounds

Six SVOCs were detected in groundwater samples at concentrations greater than the Class GA Values. As shown on Figures 16a through b, the extent of these SVOCs in groundwater has been adequately delineated below the applicable SCGs.

Detections of SVOCs above applicable SCGs occurred in samples from five monitoring wells, as shown on Figures 16a and 16b (one on-site and four off-site wells). These SVOCs were only detected in one sample from each of these wells, and none are bedrock wells. It is notable that two of these exceedances are from wells significantly upgradient from the Site (MW36I and MW38) and are therefore not on a groundwater flow path from Site. As shown on Figures 16a through b, SVOCs in groundwater are delineated. Additionally, the isolated nature of the exceedances indicates the absence of a source area associated with Site operations or a transport pathway from the Site.

2.3 Pesticides

Two pesticides, chlordane and dieldrin, were detected in groundwater samples at concentrations greater than the Class GA Values. As shown on Figures 17a through b, the extent of these pesticides in groundwater has been adequately delineated below the applicable SCGs.

Chlordane was detected at a concentration slightly greater than the Class GA Value in one of seven samples collected from off-site deep well MW32. Chlordane was not detected at concentrations greater than the Class GA Value in any other shallow, deep, or bedrock wells. As shown on Figure 17b, chlordane is delineated. The isolated nature of the exceedance and the absence of chlordane in any on-site wells indicates the absence of a source area associated with Site operations.

Dieldrin was detected at concentrations slightly greater than the Class GA Value in one sample from each of the following locations: on-site shallow boring GP05, on-site deep well MW03, and five off-site deep wells or piezometers (MW12, MW29, MW36, MW41, and PZ08). Dieldrin was not detected in any other samples from these wells. As shown on Figures 17a through b, dieldrin is delineated in groundwater. The sporadic and isolated nature of these exceedances indicates the absence of a source area associated with Site operations or a transport pathway from the Site.

2.4 PCBs

As shown on Figure 17b, the extent of PCBs in groundwater has been adequately delineated below the applicable SCG. Aroclor 1260 was detected at a concentration greater than the Class GA Value in one of seven samples collected from off-site deep well MW24. Aroclor 1260 was not detected in any other samples from shallow, deep, or bedrock wells. As shown on Figure 17b, Aroclor1260 in groundwater is delineated. The isolated nature of the exceedance and the absence of Aroclor 1260 in any on-site wells indicates the absence of a source area associated with Site operations.

2.5 Metals

Fifteen of 23 metals analyzed were detected in groundwater samples at concentrations greater than the Class GA Values. Because metals occur naturally in the environment, these detections may not be related to Site operations. Turbid groundwater samples can cause naturally occurring metals that are sorbed to suspended solids to desorb into solution during the sample preservation process, causing elevated levels of metals. Therefore, infrequent detections or detections isolated to low-yield wells can result from sample turbidity and are unrelated to Site operations.

Seven metals (arsenic, barium, beryllium, cadmium, copper, nickel, and thallium) were detected at concentrations greater than the Class GA Values in off-site sample locations but not in on-site sample locations. As such, these seven metals are considered to be unrelated to Site operations. Eight other metals (antimony, chromium, iron, lead, magnesium, manganese, sodium, and zinc) were detected in groundwater samples from various depth intervals, both on-site and off-site, at concentrations greater than the Class GA Values. The occurrence and distribution of these eight metals are discussed below.

As shown on Figure 18, the extent of antimony in groundwater has been delineated below the applicable SCG. Antimony was detected at concentrations slightly greater than the Class GA Value in one sample from each of the following locations: on-site shallow boring GP05, off-site deep well MW30, and on-site bedrock well MW17. The isolated nature of these exceedances indicates the absence of a source area associated with Site operations or a transport pathway from the Site.

As shown on Figures 19a through b, the extent of chromium in groundwater has been delineated below the applicable SCG. Chromium was detected at concentrations greater than the Class GA Value in one sample from each of the following locations: on-site shallow well MW09S, off-site shallow locations MW37 and PZ04S, on-site deep well MW06, and off-site deep piezometer PZ02. Chromium was also detected at concentrations greater than the Class GA Value in five of eight samples collected from off-site shallow well MW36I. Chromium was not detected at concentrations greater than the Class GA Value in bedrock wells. The on-site exceedances were only slightly higher than the Class GA Value and the highest concentrations (MW36I) were located some distance from the Site and not on a direct flow pathway from the Site. This distribution of off-site exceedances indicates the absence of a source area associated with Site operations or a transport pathway from the Site.

As shown on Figures 20a through c, iron was detected at concentrations greater than the Class GA Value in groundwater samples from 12 of 13 on-site shallow locations; nine of 11 on-site deep wells; 26 of 35 off-site shallow locations; 24 of 34 off-site deep wells and piezometers; and all three on-site bedrock wells. The highest off-site concentrations (MW36I, MW37, and PZ04S) were located some distance from the Site and not on a direct flow pathway from the Site. Iron is a naturally occurring metal commonly found in groundwater. The exceedances are located throughout the investigation area, including areas not on a direct flow path from the Site, suggesting natural background conditions.

As shown on Figures 21a through b, the extent of lead in groundwater has been delineated below the applicable SCG. Lead was detected at concentrations greater than the Class GA Value in one sample from each of the following locations: on-site shallow well MW09S, off-site shallow locations MW37 and PZ04S, on-site deep well MW06, and off-site deep piezometer PZ02. Lead was also detected at concentrations greater than the Class GA Value in three of six samples collected from on-site shallow well MW22, six of eight samples from off-site shallow well MW36I, and three of eight samples from off-site deep piezometer PZ03. Lead was not detected at concentrations greater than the Class GA Value in bedrock wells. The on-site exceedances were only slightly higher than the Class GA Value, and the highest concentrations (MW36I) were located some distance from the Site and not on a direct flow pathway from the Site. This distribution of off-site exceedances indicates the absence of a source area associated with Site operations or a transport pathway from the Site.

As shown on Figures 22a through b, the extent of magnesium in groundwater has been delineated below the applicable SCG. Magnesium was detected at concentrations greater than the Class GA Value in one or more samples from the following locations: on-site shallow wells MW01S, MW02S, MW06S, MW08S, MW09S, and MW16; off-site shallow locations MW29S, MW32S, MW33S, MW36I, MW37, and PZ04S; on-site deep wells MW02 and MW06; and off-site deep locations MW07 and PZ02. Magnesium was not detected at concentrations greater than the Class GA Value in bedrock wells. The highest off-site concentrations (MW36I, MW37, and PZ04S) were located some distance from the Site and not on a direct flow pathway from the Site. Magnesium is a naturally occurring metal commonly found in groundwater, and concentrations can also be influenced by naturally occurring geochemical conditions. The exceedances are located throughout the investigation area, including areas not on a direct flow path from the Site, suggesting natural background conditions.

As shown on Figures 23a through c, manganese was detected at concentrations greater than the Class GA Value in groundwater samples from eight of 13 on-site shallow locations; seven of 11 on-site deep wells; 15 of 35 off-site shallow locations; 25 of 34 off-site deep wells and piezometers; and all three on-site bedrock wells. The highest off-site concentrations (MW29S and MW36I) were located some distance from the Site and not on a direct flow pathway from the Site. Manganese is a naturally occurring metal commonly found in groundwater, and concentrations can also be influenced by naturally occurring geochemical conditions. The exceedances are located throughout the investigation area, including areas not on a direct flow path from the Site, suggesting natural background conditions.

As shown on Figures 24a through c, sodium was detected at concentrations greater than the Class GA Value in groundwater samples from 11 of 13 on-site shallow locations; all 11 on-site deep wells; 29 of 35 off-site shallow locations; 32 of 34 off-site deep locations; and all three on-site bedrock wells. Sodium is a naturally occurring metal commonly found in groundwater. The elevated concentrations tend to be co-located with elevated chloride levels along roadways. The highest concentrations are located along Water Works Road near the Village water treatment plant (MW28S). The distribution of exceedances suggests the potential for natural background conditions and a surficial source of sodium associated with roadways, such as road salt, rather than a source associated with Site operations or a transport pathway from the Site.

As shown on Figure 25, the extent of zinc in groundwater has been delineated below the applicable SCG. Zinc was detected at concentrations greater than the Class GA Value in one or more samples from the following locations: on-site shallow wells MW01S and MW02S, off-site shallow well MW07S, and on-site deep well MW01. Zinc was not detected at concentrations greater than the Class GA Value in bedrock wells. The low concentrations and sporadic nature of the off-site exceedances in a single well, indicates the absence of a zinc source area associated with Site operations or a transport pathway from the Site.

2.6 General Parameters

Groundwater samples were analyzed for the general parameters of alkalinity (measured as bicarbonate, carbonate, and total), total organic carbon, chloride, cyanide, total suspended solids, and sulfate. Of the general parameters analyzed in groundwater samples collected from the Site, Class GA Values have been developed for chloride, cyanide, and sulfate. Cyanide was not detected in any groundwater sample at concentrations greater than the Class GA Value. The occurrence and distribution of chloride and sulfate concentrations greater than Class GA Values are described below.

As shown on Figures 26a through b, the extent of chloride in groundwater has been sufficiently delineated below the applicable SCG. Chloride was detected at concentrations greater than the Class GA Value in one or more samples from the following locations: on-site shallow wells MW01S, MW02S, MW06S, MW08S, and MW13S; off-site shallow wells MW26S, MW28S, MW29S, MW30S, MW31S, MW32S, MW33S, MW35S, MW36S, MW37, and MW38S; on-site deep wells MW01 and MW13; and off-site deep wells MW07, MW30, MW33, and MW41. Chloride was not detected at concentrations greater than the Class GA Value in bedrock wells. The sample locations that consistently exhibit exceedances are located along roadways, and the exceedances are more prevalent in shallow groundwater samples. The highest concentrations are located along Water Works Road near the Village water treatment plant (MW28S). This distribution of exceedances suggests the potential for a surficial source of chloride associated with roadways, such as road salt, rather than a source associated with Site operations or a transport pathway from the Site.

As shown on Figure 27, the extent of sulfate in groundwater has been delineated below the applicable SCG. Sulfate was detected at concentrations greater than the Class GA Value in five of nine samples from on-site shallow well MW02S and one of six samples from off-site deep well MW31. Sulfate was not detected at

concentrations greater than the Class GA Value in deep or bedrock wells. Based on the isolated nature of the single off-site exceedance, the Site is not a source for Sulfate.

3.0 Surface Water

Surface water sampling began at the Site in 2016 and continues on the same schedule as groundwater monitoring. The surface water dataset contains more than 30 samples collected between October 2016 and October 2019, including samples collected from the Hoosic River (SW01 and SW04 located upstream of the Site and SW02 located downstream of the Site), low-lying areas southeast of the Site (SW03), and an unnamed brook located south of the Village well field and upstream of the Site (Unnamed Brook 2-UP).

As with the groundwater samples, surface water samples were initially collected quarterly and analyzed for PFAS, VOCs, SVOCs, pesticides, PCBs, metals, major cations, and anions. However, in 2019 the sampling frequency and analytical list were reduced. Ongoing surface water sampling includes analysis of PFAS, VOCs, and metals.

Surface water sample results were compared to the NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards (WQS) and Guidance Values for Class C Water; specifically, the most stringent Standards and Guidance Values listed for the following Class C Water Types: Type A(A) (Fish Survival), Type A(C) (Fish Propagation), Type H(FC) (Human Consumption of Fish), and Type W (Wildlife Protection). Table 6 presents the surface water analytical results compared to the Ambient WQS and Guidance Values for Class C Water.

Concentration maps for parameters discussed in this section are provided on Figures 28 and 29.

3.1 Volatile Organic Compounds

VOCs were not detected in surface water samples at concentrations greater than the Ambient WQS and Guidance Values for Class C Water.

3.2 Semivolatile Organic Compounds

SVOCs were not detected in surface water samples at concentrations greater than the Ambient WQS and Guidance Values for Class C Water.

3.3 Pesticides

Two pesticides, 4,4'-DDD and heptachlor, were detected in surface water samples at concentrations greater than the Ambient WQS and Guidance Values for Class C Water.

As shown on Figure 28, 4,4'-DDD was detected in one of nine samples from an upstream sample location (SW04) but not in any other surface water samples. This isolated upstream exceedance indicates the absence of a source associated with Site operations.

Figure 28 also shows that heptachlor was detected at concentrations greater than the Ambient WQS and Guidance Values for Class C Water in two of nine samples from a downstream sample location (SW02). Heptachlor was not detected in other surface water samples or in on-site or off-site groundwater samples at concentrations greater than SCGs (Section 2.3). These isolated exceedances in surface water indicate the absence of a source associated with Site operations or a transport pathway from the Site.

3.4 PCBs

PCBs were not detected in surface water samples at concentrations greater than the Ambient WQS and Guidance Values for Class C Water.

3.5 Metals

Three of 23 metals analyzed were detected in surface water samples at concentrations greater than the Ambient WQS and Guidance Values for Class C Water: aluminum, iron, and silver. The occurrence of these metals in surface water is discussed below and depicted on Figure 29. Because metals occur naturally in the environment, these detections may not be related to the Site. Turbid surface water samples can cause naturally occurring metals that are adsorbed to suspended solids to desorb into solution during the sample preservation process, causing elevated levels of metals. Therefore, infrequent detections can result from sample turbidity and are unrelated to the Site.

As shown on Figure 29, aluminum was detected at concentrations greater than the Ambient WQS and Guidance Values for Class C Water, specifically the Type A(C) (Fish Propagation) standard, in several samples collected upstream of the Site at SW04 (detections of 0.118-0.721 mg/L), downstream of the Site at SW02 (detections of 0.187-0.759 mg/L), and in the low-lying area southeast of the Site at SW03 (detections of 0.339-2.66 mg/L). However, the standard applies to the ionic form of aluminum, and the laboratory results are reported as total aluminum. The upstream and sporadic exceedances indicate the absence of a source associated with Site operations.

As shown on Figure 29, iron was detected at concentrations greater than the Ambient WQS and Guidance Values for Class C Water, specifically the Type A(C) (Fish Propagation) standard, in samples collected upstream of the Site at SW04 (detections of 0.0996-1.07 mg/L), downstream of the Site at SW02 (detections of 0.109-0.973 mg/L), and in the low-lying area southeast of the Site at SW03 (detections of 0.171-3.04 mg/L). The upstream and sporadic exceedances indicate the absence of a source associated with Site operations.

As shown on Figure 29, silver was detected at a concentration greater than the Ambient WQS and Guidance Values for Class C Water in one of nine samples from an upstream sample location (SW04) but not in any other surface water samples. This isolated upstream exceedance indicates the absence of a source associated with Site operations.

3.6 General Parameters

Surface water samples were analyzed for the general parameters of alkalinity (measured as bicarbonate, carbonate, and total), total organic carbon, chloride, cyanide, total dissolved solids, and sulfate. Of the general parameters analyzed in surface water samples collected from the Site, Ambient WQS and Guidance Values for Class C Water have been developed for cyanide. Cyanide was not detected in surface water samples at concentrations greater than the Ambient Water Quality Standards for Class C Water.

4.0 Conclusion

This technical memorandum summarizes the analytical results from remedial investigations conducted on or near the Site through 2019. As described above, and supported by the attached tables and figures, the nature and extent of COPCs, excluding PFAS, have been delineated to NYS SCGs or natural background conditions.

5.0 References

C.T. Male, 2016. Final Remedial Investigation/Feasibility Study Work Plan: Saint-Gobain McCaffrey Street Site. NYSDEC Site No. 442046. 14 McCaffrey Street, Hoosick Falls, Rensselaer County. C.T. Male Associates. Revised August 30, 2016.

Attachments

Tables:

Table 1	On-Site Soil Analytical Results Greater than Soil Cleanup Objectives
Table 2	Off-Site Soil Analytical Results Greater than Soil Cleanup Objectives
Table 3	Shallow Groundwater Analytical Results Greater than Standards, Criteria and Guidance
Table 4	Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
Table 5	Bedrock Groundwater Analytical Results Greater than Standards, Criteria and Guidance
Table 6	Surface Water Analytical Results Greater than Standards, Criteria and Guidance
Table 7	Summary of SCG Exceedances

Figures:

Figure 1	Acetone Concentrations in Soil
Figure 2	Other VOC Concentrations in Soil
Figure 3	SVOC Concentrations in Soil
Figure 4	DDD, DDE, and DDT Concentrations in Soil
Figure 5	Other Pesticide and PCB Concentrations in Soil
Figure 6	Arsenic Concentrations in Soil
Figure 7	Barium Concentrations in Soil
Figure 8	Chromium Concentrations in Soil
Figure 9	Copper Concentrations in Soil
Figure 10	Lead Concentrations in Soil
Figure 11	Manganese Concentrations in Soil
Figure 12	Mercury Concentrations in Soil

Figure 13	Nickel Concentrations in Soil
Figure 14	Zinc Concentrations in Soil
Figure 15a	VOC Concentrations in Shallow Groundwater
Figure 15b	VOC Concentrations in Deep Groundwater
Figure 15c	VOC Concentrations in Bedrock Groundwater
Figure 16a	SVOC Concentrations in Shallow Groundwater
Figure 16b	SVOC Concentrations in Deep Groundwater
Figure 17a	Pesticide and PCB Concentrations in Shallow Groundwater
Figure 17b	Pesticide and PCB Concentrations in Deep Groundwater
Figure 18	Antimony Concentrations in Shallow, Deep, and Bedrock Groundwater
Figure 19a	Chromium Concentrations in Shallow Groundwater
Figure 19b	Chromium Concentrations in Deep Groundwater
Figure 20a	Iron Concentrations in Shallow Groundwater
Figure 20b	Iron Concentrations in Deep Groundwater
Figure 20c	Iron Concentrations in Bedrock Groundwater
Figure 21a	Lead Concentrations in Shallow Groundwater
Figure 21b	Lead Concentrations in Deep Groundwater
Figure 22a	Magnesium Concentrations in Shallow Groundwater
Figure 22b	Magnesium Concentrations in Deep Groundwater
Figure 23a	Manganese Concentrations in Shallow Groundwater
Figure 23b	Manganese Concentrations in Deep Groundwater
Figure 23c	Manganese Concentrations in Bedrock Groundwater
Figure 24a	Sodium Concentrations in Shallow Groundwater
Figure 24b	Sodium Concentrations in Deep Groundwater
Figure 24c	Sodium Concentrations in Bedrock Groundwater
Figure 25	Zinc Concentrations in Shallow and Deep Groundwater
Figure 26a	Chloride Concentrations in Shallow Groundwater
Figure 26b	Chloride Concentrations in Deep Groundwater
Figure 27	Sulfate Concentrations in Shallow and Deep Groundwater
Figure 28	Pesticide Concentrations in Surface Water
Figure 29	Metal Concentrations in Surface Water

Tables

Table 1
On-Site Soil Analytical Results Greater than Soil Cleanup Objectives
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

									Location	EXTRUDER PIT	EXTRUDER PIT		EXTRUDER PIT	EXTRUDER PIT-N WALL	EXTRUDER PIT-S WALL	EXTRUDER PIT-S WALL
									Date	3/16/2017	3/16/2017		3/16/2017	3/17/2017	3/17/2017	3/17/2017
									Depth	7.33 - 7.5 ft	7.5 - 8.33 ft	7.5 - 8.33 ft	8.5 - 9.5 ft	3 - 4 ft	2.5 - 3.5 ft	0.5 - 1.5 ft
									Sample Type	N	N	FD	N	N	N	N
									Soil Type	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
									Soil Description	Saturated	Saturated	Saturated	Saturated	Saturated	Saturated	Unsaturated
									Location Description	On Site	On Site	On Site	On Site	On Site	On Site	On Site
									Sample Name	SG1-EXTR-SHS-07.33	SG1-EXTR-SHS-07.5	SG1-FD01-170316	SG1-EXTR-SHS-08.5	SG1-EXTR-N-WALL-03.0	SG1-EXTR-S-WALL-02.5	SG1-EXTR-S-WALL-0.5
Parameter	Units	New York DEC Unrestricted Use Soil Cleanup Objectives	New York DEC Restricted Use Soil Cleanup Objectives Protection of Groundwater	New York DEC Restricted Use Soil Cleanup Objectives Protection of Public Health Residential	New York DEC Restricted Use Soil Cleanup Objectives Protection of Public Health Restricted - Residential	New York DEC Restricted Use Soil Cleanup Objectives Protection of Public Health Commercial	New York DEC Restricted Use Soil Cleanup Objectives Protection of Public Health Industrial	New York DEC Restricted Use Soil Cleanup Objectives Protection of Ecological Resources								
Last Updated		10/01/2020	10/01/2020	10/01/2020	10/01/2020	10/01/2020	10/01/2020	12/14/2006								
Exceedance Key		Bold	<u>Underline</u>	Shade	<i>Italics</i>	Red Text	Border	[Brackets]								
Volatile Organic Compounds																
Acetone	mg/kg	0.05	0.05	100 a	100 b	500 b	1000 c	2.2	0.015 J	0.015 J	0.018	0.009 J	0.012 J	0.014 J		0.095
Semivolatile Organic Compounds																
Benz(a)anthracene	ug/kg	1000 cf	1000 f	1000 f	1000 f	5600	11000	NS	< 4 U	10 J	4 J	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Benzo(a)pyrene	ug/kg	1000 c	22000	1000 f	1000 f	1000 f	1100	2600	< 4 U	9 J	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Benzo(b)fluoranthene	ug/kg	1000 cf	1700	1000 f	1000 f	5600	11000	NS	< 4 U	13 J	6 J	< 4 U	< 4 U	< 4 U	4 J	< 4 U
Benzo(k)fluoranthene	ug/kg	800 cf	1700	1000	3900	56000	110000	NS	< 4 U	8 J	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Chrysene	ug/kg	1000 cf	1000 f	1000 f	3900	56000	110000	NS	< 4 U	13 J	8 J	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Dibenz(a,h)anthracene	ug/kg	330 bf	1000000 c	330 e	330 e	560	1100	NS	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Indeno(1,2,3-cd)pyrene	ug/kg	500 cf	8200	500 f	500 f	5600	11000	NS	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Pesticides																
4,4'-DDE	ug/kg	3.3 b	17000	1800	8900	62000	120000	[3.3 e]	< 0.37 UJ	4.5 J	1.2 J	1.9 J	0.88 J	< 0.36 UJ	< 0.36 R	
4,4'-DDT	ug/kg	3.3 b	136000	1700	7900	47000	94000	[3.3 e]	2.3 J	6.3 J	0.84 J	3.1 J	0.66 J	< 0.38 UJ	1.7 J	
Polychlorinated Biphenyls																
Aroclor 1260	ug/kg	100 PCB	3200 PCB	1000 PCB	1000 PCB	1000 PCB	25000 PCB	1000 PCB	< 5.6 U	< 5.7 U	< 5.8 U	< 5.5 U	< 5.4 U	< 5.2 U	< 5.3 U	
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/kg	100	3200	1000	1000	1000	25000	1000	ND	ND	ND	ND	ND	ND	ND	ND
Metals																
Arsenic	mg/kg	13 c	16 f	16 f	16 f	16 f	16 f	[13 f]	5.16 J	4.03 J	6.25 J	5.63 J	7.15 J	6.68 J		4.87 J
Barium	mg/kg	350 c	820	350 f	400	400	10000 d	433	70.2 J	52.6 J	71.1 J	76.2 J	90.0 J	100 J		87.4 J
Calcium	mg/kg								17600	11000 J	16800 J	13200	18900	15600		70300
Chromium	mg/kg	30 ce	hNS	36 h	180 h	1500 h	6800 h	41 h	35.2 J	382 J	24.8 J	15.5 J	18.0 J	18.2 J		8.55 J
Copper	mg/kg	50	1720	270	270	270	10000 d	[50]	147 J	37.5 J	46.9 J	29.4 J	79.2 J	94.6 J		458 J
Lead	mg/kg	63 c	450	400	400	1000	3900	[63 f]	10.4 J	9.45 J	12.5 J	12.1 J	16.0 J	14.0 J		13.4 J
Manganese	mg/kg	1600 c	2000 f	2000 f	2000 f	10000 d	10000 d	[1600 f]	489 J	501 J	559 J	550 J	659 J	592 J		428 J
Mercury	mg/kg	0.18 c	0.73	0.81 j	0.81 j	2.8 j	5.7 j	[0.18 f]	0.0503 J	0.0239 J	0.0222 J	0.0168 J	0.0244 J	0.0251 J		0.0402 J
Nickel	mg/kg	30	130	140	310	310	10000 d	[30]	36.4 J	974 J	74.6 J	42.7 J	30.4 J	27.0 J		14.2 J
Zinc	mg/kg	109 c	2480	2200	10000 d	10000 d	10000 d	[109 f]	74.3	51.2	61.9	57.9	84.9	81.7		96.0

Table 1
On-Site Soil Analytical Results Greater than Soil Cleanup Objectives
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		GP01B	GP01B	GP01B	GP01B	GP01B	GP02		GP02	GP02	GP02	GP03	GP03	GP03	GP03	GP04	GP04	GP04	MW06
		8/17/2017	8/17/2017	8/17/2017	8/17/2017	8/17/2017	8/18/2017		8/18/2017	8/18/2017	8/18/2017	8/18/2017	8/18/2017	8/18/2017	8/18/2017	8/18/2017	8/18/2017	8/18/2017	10/04/2016
		0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	8 - 10 ft	0 - 2 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	6 - 8 ft	0 - 2 ft	2 - 4 ft	4 - 6 ft	0.23 - 0.4 ft
		N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N
		Subsurface Soil Unsaturated On Site SG1-GP01B-0-2	Subsurface Soil Unsaturated On Site SG1-GP01B-2-4	Subsurface Soil Unsaturated On Site SG1-GP01B-4-6	Subsurface Soil Unsaturated On Site SG1-GP01B-6-8	Subsurface Soil Unsaturated On Site SG1-GP01B-8-10	Subsurface Soil Unsaturated On Site SG1-GP02-0-2	Subsurface Soil Unsaturated On Site SG1-FD01GP-170818	Subsurface Soil Unsaturated On Site SG1-GP02-2-4	Subsurface Soil Unsaturated On Site SG1-GP02-4-6	Subsurface Soil Unsaturated On Site SG1-GP02-6-8	Subsurface Soil Unsaturated On Site SG1-GP03-0-2	Subsurface Soil Unsaturated On Site SG1-GP03-2-4	Subsurface Soil Unsaturated On Site SG1-GP03-4-6	Subsurface Soil Unsaturated On Site SG1-GP03-6-8	Subsurface Soil Unsaturated On Site SG1-GP04-0-2	Subsurface Soil Unsaturated On Site SG1-GP04-2-4	Subsurface Soil Unsaturated On Site SG1-GP04-4-6	Surface Soil Unsaturated On Site SG1-MW06-00.23
Parameter	Units																		
Last Updated																			
Exceedance Key																			
Volatile Organic Compounds																			
Acetone	mg/kg	0.15	0.076	0.062	0.10	0.11	0.36 J	0.18 J	0.11 J	0.19	0.37	0.064	0.13	0.13	0.15	0.094	0.28	0.29	< 0.009 UJ
Semivolatile Organic Compounds																			
Benz(a)anthracene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	120
Benzo(a)pyrene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	160
Benzo(b)fluoranthene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	230
Benzo(k)fluoranthene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	110
Chrysene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	160
Dibenz(a,h)anthracene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	34
Indeno(1,2,3-cd)pyrene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	120
Pesticides																			
4,4'-DDE	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.41 U
4,4'-DDT	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.43 U
Polychlorinated Biphenyls																			
Aroclor 1260	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 6.1 U
Polychlorinated Biphenyls (calculation), non-detections at zero Metals	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
Arsenic	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10.8
Barium	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	108
Calcium	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4350
Chromium	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.2
Copper	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	34.4
Lead	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50.2
Manganese	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	904
Mercury	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0961 J
Nickel	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	[30.6 J]
Zinc	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	104

Table 1
On-Site Soil Analytical Results Greater than Soil Cleanup Objectives
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW06	MW06		MW06	MW06	MW08	MW08	MW08		MW08	MW08	MW08	MW09	MW09	MW09	MW09	MW09	MW09
		10/04/2016	10/11/2016		10/11/2016	10/11/2016	9/20/2016	9/20/2016	9/21/2016		9/21/2016	9/21/2016	9/21/2016	9/21/2016	9/21/2016	9/27/2016	9/27/2016	9/27/2016	9/27/2016
		0.4 - 1.23 ft	2 - 3 ft	2 - 3 ft	21.5 - 22.5 ft	25.5 - 26.5 ft	0.15 - 0.32 ft	0.32 - 1.15 ft	12 - 13 ft	12 - 13 ft	18 - 19 ft	28 - 29 ft	31.5 - 32.5 ft	0.17 - 0.34 ft	0.34 - 1.17 ft	4 - 5 ft	5 - 6 ft	9.5 - 10.5 ft	10.5 - 11.5 ft
		N	N	FD	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N
		Near Surface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Surface Soil	Near Surface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Surface Soil	Near Surface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
		Unsaturated	Unsaturated	Unsaturated	Saturated	Saturated	Unsaturated	Unsaturated	Saturated	Saturated	Saturated	Saturated	Saturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated	Saturated
		On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site
		SG1-MW06-00.40	SG1-MW06-02.0	SG1-FD02-161011	SG1-MW06-21.5	SG1-MW06-25.5	SG1-MW08-00.15	SG1-MW08-00.32	SG1-MW08-12.0	SG1-FD01-160921	SG1-MW08-18.0	SG1-MW08-28.0	SG1-MW08-31.5	SG1-MW09-00.17B	SG1-MW09-00.34	SG1-MW09-04.0	SG1-MW09-05.0	SG1-MW09-09.5	SG1-MW09-10.5
Parameter	Units																		
Last Updated																			
Exceedance Key																			
Volatile Organic Compounds																			
Acetone	mg/kg	< 0.008 UJ	0.012 J	< 0.008 UJ	0.007 J	< 0.005 UJ	< 0.007 UJ	< 0.009 UJ	< 0.006 U	< 0.007 U	0.009 J	< 0.006 U	0.006 J	< 0.007 UJ	< 0.007 UJ	< 0.007 U	< 0.006 U	< 0.007 U	< 0.006 U
Semivolatile Organic Compounds																			
Benz(a)anthracene	ug/kg	340	4 J	6 J	< 4 U	< 4 U	2700	610	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	68	30	< 4 UJ	< 4 U	< 4 U	< 4 U
Benzo(a)pyrene	ug/kg	300	6 J	8 J	< 4 U	< 4 U	2400	780 J	< 4 U	< 4 U	< 4 UJ	< 4 U	< 4 U	83	36	< 4 UJ	< 4 U	< 4 U	< 4 U
Benzo(b)fluoranthene	ug/kg	350	10 J	12 J	< 4 U	< 4 U	3200	1100 J	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	110	47	< 4 UJ	< 4 U	< 4 U	< 4 U
Benzo(k)fluoranthene	ug/kg	180	5 J	6 J	< 4 U	< 4 U	1200	420	< 4 U	< 4 U	< 4 UJ	< 4 U	< 4 U	48	20	< 4 UJ	< 4 U	< 4 U	< 4 U
Chrysene	ug/kg	310	7 J	9 J	< 4 U	< 4 U	2900	810	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	85	34	< 4 UJ	< 4 U	< 4 U	< 4 U
Dibenz(a,h)anthracene	ug/kg	53	< 4 U	< 4 U	< 4 U	< 4 U	430	140	< 4 U	< 4 U	< 4 UJ	< 4 U	< 4 U	13 J	7 J	< 4 UJ	< 4 U	< 4 U	< 4 U
Indeno(1,2,3-cd)pyrene	ug/kg	180	< 4 U	8 J	< 4 U	< 4 U	1400	580	< 4 U	< 4 U	< 4 UJ	< 4 U	< 4 U	56	22	< 4 UJ	< 4 U	< 4 U	< 4 U
Pesticides																			
4,4'-DDE	ug/kg	< 0.39 U	< 0.37 U	< 0.37 U	< 0.36 U	< 0.37 U	< 0.39 U	0.67 J	< 0.37 U	< 0.37 U	< 0.36 U	< 0.37 U	< 0.37 U	0.81 J	< 0.38 U	< 0.39 U	< 0.37 U	< 0.37 U	< 0.37 U
4,4'-DDT	ug/kg	0.73 J	< 0.39 U	< 0.39 U	< 0.38 U	< 0.39 U	0.63 J	2.4 J	< 0.39 U	< 0.39 U	< 0.38 U	< 0.40 U	< 0.39 U	1.5 J	0.83 J	< 0.42 U	< 0.39 U	< 0.39 U	< 0.39 U
Polychlorinated Biphenyls																			
Aroclor 1260	ug/kg	< 5.8 U	< 5.5 U	< 5.5 U	< 5.4 U	< 5.5 U	< 5.9 U	< 6.0 U	< 5.4 U	< 5.4 U	< 5.3 U	< 5.5 U	< 5.4 U	< 6.6 U	< 5.6 U	< 5.9 U	< 5.5 U	< 5.4 U	< 5.5 U
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.4	ND	ND	ND	ND
Metals																			
Arsenic	mg/kg	11.2	6.41 J	10.2 J	9.17 J	9.03 J	8.27	9.07	7.87 J	7.34 J	8.54 J	8.56 J	11.9 J	9.17	8.59	9.56 J	7.79 J	[13.8 J]	5.66 J
Barium	mg/kg	123	257	375	188	163	109 J	146 J	128 J	111 J	207 J	207 J	126 J	159 J	158 J	147 J	147 J	186 J	123 J
Calcium	mg/kg	2710	1560	2210	13200	14600	54000	13200	15900	16700	19600	2030	1470	3440	2450	2670 J	1950 J	1830 J	2320 J
Chromium	mg/kg	22.5	14.9 J	21.5 J	23.4 J	24.2 J	19.1 J	24.0 J	24.3 J	20.7 J	31.1 J	27.1 J	22.1 J	29.2 J	25.2 J	29.9 J	27.2 J	25.5 J	24.0 J
Copper	mg/kg	[51.4]	12.4 J	20.7 J	31.2	28.3	31.2 J	43.6 J	35.4 J	31.4 J	[50.3 J]	26.9 J	31.5 J	47.0 J	42.3 J	26.7 J	29.8 J	28.3 J	28.5 J
Lead	mg/kg	[103]	16.4	23.4	17.4	15.2	35.2 J	57.8 J	20.2 J	17.7 J	24.8 J	21.3 J	16.9 J	49.9 J	37.6 J	19.2	14.3	16.0	14.8
Manganese	mg/kg	945	[4190]	[6010]	600	675	670	896	840	766	883	1280	644	826	983	1120 J	858 J	1130 J	[2060 J]
Mercury	mg/kg	0.109 J	0.0446 J	0.0615 J	0.0205 J	0.0202 J	0.0448 J	0.0512 J	< 0.0106 U	0.0155 J	0.0179 J	0.0276 J	0.0216 J	0.0593 J	0.0407 J	0.0437 J	0.0189 J	0.0294 J	0.0227 J
Nickel	mg/kg	[30.6 J]	19.4 J	[32.3 J]	[32.2 J]	[30.4 J]	27.6 J	[37.7 J]	[35.3 J]	[32.9 J]	[47.7 J]	[30.5 J]	[38.2 J]	[43.1 J]	[38.0 J]	[34.6]	[32.6]	28.0	28.5
Zinc	mg/kg	103	66.7	84.3	74.4	72.9	73.4	94.9	61.0 J	59.8 J	88.6 J	60.2 J	61.1 J	93.4	76.4	100 J	71.7 J	59.4 J	60.0 J

Table 1
On-Site Soil Analytical Results Greater than Soil Cleanup Objectives
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW13	MW13	MW13	MW13	MW13	MW14	MW15	MW15	MW16	MW16	MW22	SS01	SS01	SS02	SS02	SS03	SS03	SS04
		9/21/2016	9/21/2016	9/22/2016	9/22/2016	9/22/2016	9/21/2016	9/22/2016	9/26/2016	12/01/2016	12/01/2016	12/01/2016	9/20/2016	9/20/2016	9/21/2016	9/21/2016	9/23/2016	9/23/2016	9/23/2016
		0.25 - 0.42 ft	0.42 - 1.25 ft	2 - 3 ft	4.5 - 5.5 ft	7 - 8 ft	0.32 - 1.15 ft	0 - 0.17 ft	3 - 4 ft	0.5 - 0.67 ft	0.67 - 1.5 ft	0.5 - 0.67 ft	0.1 - 0.27 ft	0.27 - 1.1 ft	0.15 - 0.32 ft	0.32 - 1.17 ft	0 - 0.17 ft	0.17 - 1 ft	0.2 - 0.37 ft
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Surface Soil	Near Surface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Near Surface Soil	Surface Soil	Subsurface Soil	Surface Soil	Near Surface Soil	Surface Soil	Surface Soil	Near Surface Soil	Surface Soil	Near Surface Soil	Surface Soil	Near Surface Soil	Surface Soil
		Unsaturated	Unsaturated	Unsaturated	Unsaturated'	Saturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
		On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site
		SG1-MW13-00.25	SG1-MW13-00.42	SG1-MW13-02.0	SG1-MW13-04.5	SG1-MW13-07.0	SG1-MW14-00.32	SG1-MW15-00.0B	SG1-MW15-03.0	SG1-MW16-00.5	SG1-MW16-00.67	SG1-MW22-00.5	SG1-SS01-00.1	SG1-SS01-00.27	SG1-SS02-00.15	SG1-SS02-00.32	SG1-SS03-00.0B	SG1-SS03-00.17B	SG1-SS04-00.2
Parameter	Units																		
Last Updated																			
Exceedance Key																			
Volatile Organic Compounds																			
Acetone	mg/kg	< 0.34 U	< 0.007 UJ	< 0.009 UJ	0.007 J	< 0.005 UJ	< 0.008 UJ	< 0.008 R	< 0.006 UJ	< 0.006 U	< 0.008 U	< 0.006 U	< 0.008 UJ	< 0.007 UJ	0.011 J	< 0.007 UJ	< 0.007 UJ	< 0.007 UJ	< 0.006 UJ
Semivolatile Organic Compounds																			
Benz(a)anthracene	ug/kg	67 J	41 J	110	< 4 U	12 J	12 J	< 4 U	< 4 U	4 J	< 7 U	480	83 J	< 4 U	120	50	< 34 U	< 18 U	47
Benzo(a)pyrene	ug/kg	64 J	57 J	110	< 4 U	16 J	15 J	4 J	< 4 U	< 4 U	< 7 U	430	72 J	6 J	160	61	< 34 U	< 18 U	52
Benzo(b)fluoranthene	ug/kg	110	83 J	150	< 4 U	25	21	6 J	< 4 U	< 4 U	< 7 U	480	100	7 J	250	88	< 34 U	< 18 U	58
Benzo(k)fluoranthene	ug/kg	32 J	32 J	70	< 4 U	10 J	10 J	< 4 U	< 4 U	< 4 U	< 7 U	270	48 J	4 J	92 J	33	< 34 U	< 18 U	24
Chrysene	ug/kg	79 J	49 J	160	< 4 U	20	16 J	< 4 U	< 4 U	5 J	< 7 U	500	88 J	6 J	170	68	< 34 U	< 18 U	53
Dibenz(a,h)anthracene	ug/kg	< 18 U	< 18 U	25	< 4 U	5 J	< 4 U	< 4 U	< 4 U	< 4 U	< 7 U	70	< 20 U	< 4 U	< 21 U	9 J	< 34 U	< 18 U	10 J
Indeno(1,2,3-cd)pyrene	ug/kg	43 J	40 J	72	< 4 U	13 J	11 J	< 4 U	< 4 U	< 4 U	< 7 U	300	53 J	4 J	130	46	< 34 U	< 18 U	31
Pesticides																			
4,4'-DDE	ug/kg	< 0.37 U	1.1 J	0.51 J	< 0.40 U	< 0.37 U	< 0.38 U	< 0.37 U	0.42 J	< 0.36 U	< 0.72 U	< 0.37 U	1.4 J	< 0.36 U	< 0.50 U	< 0.41 U	< 0.34 U	< 0.35 U	< 0.37 U
4,4'-DDT	ug/kg	0.73 J	< 0.38 U	1.3 J	< 0.43 U	< 0.39 U	0.69 J	< 0.39 U	< 0.38 U	< 0.39 U	< 0.76 U	0.87 J	2.4	< 0.39 U	< 0.46 U	1.0 J	< 0.36 U	< 0.37 U	< 0.39 U
Polychlorinated Biphenyls																			
Aroclor 1260	ug/kg	19	86	16 J	< 6.0 U	< 5.5 U	10 J	9.2 J	< 5.3 U	120	< 11 U	< 5.5 U	< 5.9 U	< 5.4 U	46	8.9 J	24	13 J	< 5.6 U
Polychlorinated Biphenyls (calculation), non-detections at zero Metals	ug/kg	19	86	16	ND	ND	10	9.2	ND	120	ND	19	ND	ND	46	8.9	24	13	5.7
Arsenic	mg/kg	5.87	7.52	[13.2 J]	10.2 J	9.82 J	8.74	6.74 J	11.7 J	7.76	7.10	7.65	10.6	9.08	8.65	9.71	8.35 J	8.47 J	6.50 J
Barium	mg/kg	118 J	99.7 J	140	78.0	69.8	92.9 J	87.2	89.8 J	92.9 J	83.8 J	111 J	146 J	136 J	168 J	157 J	95.1	89.4	48.5
Calcium	mg/kg	15800	14900	3440	769	3110	3170	14700	984 J	6100 J	17500 J	16500 J	15500	24000	1930	1700	7100	3660	13600
Chromium	mg/kg	23.8 J	20.1 J	24.8 J	22.1 J	21.9 J	25.9 J	18.6 J	20.1 J	18.8 J	21.4 J	17.2 J	24.8 J	20.5 J	36.9 J	37.3 J	19.8 J	20.0 J	22.3 J
Copper	mg/kg	43.6 J	49.8 J	[82.4 J]	39.5 J	42.7 J	45.3 J	31.9 J	34.3 J	23.0 J	33.4 J	[50.5 J]	42.5 J	35.6 J	[52.9 J]	45.1 J	37.9 J	33.6 J	22.5 J
Lead	mg/kg	36.5 J	[65.3 J]	54.0 J	16.8 J	24.6 J	24.1 J	18.9 J	18.0	20.3	14.5	34.6	[68.9 J]	20.6 J	39.0 J	36.4 J	24.8 J	20.9 J	23.1 J
Manganese	mg/kg	528	722	918 J	577 J	746 J	866	900 J	663 J	643	654	917	722	722	1060	957	846 J	945 J	564 J
Mercury	mg/kg	0.0193 J	0.0464 J	0.0519 J	0.0344 J	0.0225 J	0.0307 J	0.0287 J	0.0177 J	0.0220 J	0.0219 J	0.136	0.0701 J	0.0281 J	0.0860 J	0.0825 J	0.0229 J	0.0245 J	[0.361]
Nickel	mg/kg	[33.6 J]	29.2 J	[39.7 J]	[34.9 J]	[34.9 J]	[39.5 J]	[30.2 J]	[31.8]	24.1 J	[31.5 J]	25.4 J	[37.7 J]	[33.8 J]	[45.8 J]	[48.6 J]	[35.7 J]	[35.4 J]	22.4 J
Zinc	mg/kg	71.8	67.9	100 J	71.9 J	70.6 J	74.7	78.6 J	60.8 J	58.0	70.8	92.8	92.0	72.8	96.3	90.2	67.5 J	77.1 J	93.2 J

Table 1
On-Site Soil Analytical Results Greater than Soil Cleanup Objectives
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		SS04	SS05		SS08		SS08	SS09	SS09	SS10	SS10	SS11	SS11	SS12	SS13	SS13	SS14	SS18
		9/23/2016	9/26/2016		9/20/2016		9/20/2016	9/27/2016	9/27/2016	9/27/2016	9/27/2016	9/28/2016	9/28/2016	9/29/2016	9/30/2016	9/30/2016	9/30/2016	10/21/2016
		0.37 - 1.2 ft	0.32 - 1.15 ft	0.32 - 1.15 ft	0.3 - 0.47 ft	0.3 - 0.47 ft	0.47 - 1.3 ft	0.25 - 0.42 ft	0.42 - 1.25 ft	0.13 - 0.3 ft	0.3 - 1.3 ft	0.2 - 0.37 ft	0.37 - 1.2 ft	0.2 - 0.37 ft	0 - 0.17 ft	0.17 - 1 ft	0.32 - 1.15 ft	0.17 - 0.34 ft
		N	N	FD	N	FD	N	N	N	N	N	N	N	N	N	N	N	N
		Near Surface Soil Unsaturated On Site SG1-SS04-00.37	Near Surface Soil Unsaturated On Site SG1-SS05-00.32	Near Surface Soil Unsaturated On Site SG1-FD01B-160926	Surface Soil Unsaturated On Site SG1-SS08-00.30	Surface Soil Unsaturated On Site SG1-FD01B-160920	Near Surface Soil Unsaturated On Site SG1-SS08-00.47	Surface Soil Unsaturated On Site SG1-SS09-00.25	Near Surface Soil Unsaturated On Site SG1-SS09-00.42	Surface Soil Unsaturated On Site SG1-SS10-00.13	Near Surface Soil Unsaturated On Site SG1-SS10-00.30	Surface Soil Unsaturated On Site SG1-SS11-00.20	Near Surface Soil Unsaturated On Site SG1-SS11-00.37	Surface Soil Unsaturated On Site SG1-SS12-00.20	Surface Soil Unsaturated On Site SG1-SS13-00.0B	Near Surface Soil Unsaturated On Site SG1-SS13-00.17B	Near Surface Soil Unsaturated On Site SG1-SS14-00.32	Surface Soil Unsaturated On Site SG1-SS18-00.17B
Parameter	Units																	
Last Updated																		
Exceedance Key																		
Volatile Organic Compounds																		
Acetone	mg/kg	< 0.007 UJ	< 0.008 UJ	< 0.009 UJ	< 0.008 UJ	< 0.008 UJ	0.010 J	0.11 J	0.19 J	< 0.009 UJ	< 0.009 UJ	0.064 J	0.021 J	0.067 J	0.041 J	< 0.015 UJ	0.12 J	< 0.008 U
Semivolatile Organic Compounds																		
Benz(a)anthracene	ug/kg	58	8 J	8 J	290	180	370	84	33	220	110	93 J	82 J	63 J	42 J	< 28 UJ	53 J	14 J
Benzo(a)pyrene	ug/kg	63	9 J	10 J	310	230	330	99	33	310	150	99 J	85 J	47 J	42 J	< 28 UJ	44 J	17 J
Benzo(b)fluoranthene	ug/kg	70	14 J	16 J	500	350	450	120	44	400	230	170	130	68 J	87 J	59 J	69 J	27
Benzo(k)fluoranthene	ug/kg	36	7 J	7 J	180 J	130	180	52	16 J	180	80	56 J	55 J	32 J	< 37 U	< 28 UJ	23 J	15 J
Chrysene	ug/kg	62	13 J	15 J	400	270	370	140	66	310	150	150	160	60 J	73 J	< 28 UJ	71 J	22 J
Dibenz(a,h)anthracene	ug/kg	15 J	< 4 U	< 4 U	81 J	39 J	64 J	17 J	12 J	59 J	31 J	< 25 U	< 20 U	< 29 U	< 37 U	< 28 UJ	< 18 U	< 4 U
Indeno(1,2,3-cd)pyrene	ug/kg	41	7 J	7 J	230	170	210	60	17 J	240	120	88 J	46 J	< 29 U	< 37 U	< 28 UJ	27 J	13 J
Pesticides																		
4,4'-DDE	ug/kg	< 0.39 U	< 0.42 UJ	< 0.43 UJ	[3.4]	2.7	1.1 J	< 1.3 U	0.95 J	0.97 J	0.84 J	[8.2]	[7.8]	1.6 J	[4.3]	2.5 J	0.49 J	< 0.43 U
4,4'-DDT	ug/kg	< 0.41 U	< 0.45 UJ	< 0.46 UJ	[6.5]	[6.1]	2.3	1.9 J	0.86 J	1.7 J	1.6 J	[5.8]	[4.6]	0.72 J	[11]	2.0 J	0.43 J	< 0.66 U
Polychlorinated Biphenyls																		
Aroclor 1260	ug/kg	12 J	< 6.3 U	19 J	11 J	14 J	< 5.4 U	16 J	13 J	< 6.7 U	< 5.9 U	< 7.4 U	< 5.9 U	< 8.7 U	< 11 U	21 J	< 5.5 U	< 6.4 U
Polychlorinated Biphenyls (calculation), non-detections at zero Metals	ug/kg	12	ND	19	11	14	11	40	13	ND	ND	ND	ND	ND	ND	21	ND	ND
Arsenic	mg/kg	8.57 J	9.89 J	9.55 J	9.07	9.56	11.1	8.15 J	7.86 J	[13.7 J]	11.7 J	7.74	11.1	6.93	7.68	8.37	8.09	8.18 J
Barium	mg/kg	79.0	137 J	143 J	229 J	254 J	160 J	113 J	98.7 J	145 J	120 J	163	105	114	148	143	56.0	57.4 J
Calcium	mg/kg	18600	2360 J	2270 J	6820	8640	6640	5500 J	959 J	4660 J	2600 J	9070	3250	6770	33500	8780	864	4450 J
Chromium	mg/kg	32.9 J	24.5 J	24.2 J	24.9 J	28.2 J	23.9 J	18.2 J	21.4 J	20.3 J	20.8 J	14.6	17.5	14.1	15.0	17.1	14.9	14.8 J
Copper	mg/kg	35.4 J	25.5 J	25.0 J	[68.0 J]	[77.1 J]	[51.0 J]	27.6 J	17.6 J	41.8 J	33.8 J	31.7	26.9	23.6	[81.6]	[71.4]	22.5	24.4 J
Lead	mg/kg	29.7 J	21.2 J	20.7 J	[310 J]	[315 J]	[205 J]	[73.0 J]	32.1 J	[225 J]	[177 J]	[596]	[150]	[391]	[394]	[278]	32.4	15.3 J
Manganese	mg/kg	726 J	1060	1130	834	705	682	865	731	536	504	605	574	598	569	643	546	645
Mercury	mg/kg	[0.347]	0.0357 J	0.0412 J	[0.193]	[0.191]	0.176	0.129 J	0.0655 J	0.152	0.129	0.125 J	0.116	0.0715 J	0.155 J	0.101 J	0.0465 J	0.0294 J
Nickel	mg/kg	[30.7 J]	[32.2 J]	[32.1 J]	[34.0 J]	[36.5 J]	[36.9 J]	22.4 J	21.9 J	24.8 J	23.3 J	17.2	21.3	20.1	18.4	[33.0]	23.3	21.9 J
Zinc	mg/kg	82.6 J	88.5	91.4	[322]	[329]	[172]	[127]	88.6	[158]	[130]	[187]	[115]	91.4	[170]	[168]	66.1	[140]

Data Footnotes and Qualifiers

Barr Standard Footnotes and Qualifiers

--	Not analyzed/Not available.
N	Sample Type: Normal
FD	Sample Type: Field Duplicate
TIC	Tentatively identified compound.
ND	Not detected.
J	Estimated detected value. Either certain QC criteria were not met or the concentration is between the laboratory's detection and quantitation limits.
N	The analyte has been "tentatively identified" or considered "presumptively" present
R	The data are unusable. The samples results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected.
UB	The analyte was detected in one of the associated laboratory, equipment, field or trip blank samples and is considered non-detect at the concentration reported by the laboratory.
UJ	The analyte was analyzed for, but was not detected. The reported value is approximate and may be inaccurate or imprecise

New York DEC Restricted Use Soil Cleanup Objectives Protection of Groundwater

c	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm. See TSD section 9.3.
---	--

New York DEC Restricted Use Soil Cleanup Objectives Protection of Public Health Residential

a	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 oom. See TSD section 9.3.
e	For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.
f	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
i	This SCO is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
j	This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See TSD Table 5.6-1.

New York DEC Restricted Use Soil Cleanup Objectives Protection of Public Health Restricted - Residential

a	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 oom. See TSD section 9.3.
d	The SCOs for metals were capped at a maximum value of 10,000 ppm. See TSD section 9.3.
b	The SCOs for commercial use were capped at a maximum value of 500 ppm. See TSD section 9.3.
f	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
i	This SCO is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
j	This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See TSD Table 5.6-1.
e	For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

New York DEC Unrestricted Use Soil Cleanup Objectives

b	For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO value.
c	For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
cf	For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.; Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) with "NS." Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.
f	Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) with "NS." Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.

Data Footnotes and Qualifiers

af	The SCOs for unrestricted use were capped at a maximum value of 100 ppm. See Technical Support Document (TSD), section 9.3.; Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) with "NS." Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.
g	This SCO is derived from data on mixed isomers of BHC.
bf	For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO value.; Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) with "NS." Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.
df	SCO is the sum of endosulfan I, endosulfan II and endosulfan sulfate.; Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) with "NS." Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.

New York DEC Restricted Use Soil Cleanup Objectives Protection of Public Health Commercial

b	The SCOs for commercial use were capped at a maximum value of 500 ppm. See TSD section 9.3.
d	The SCOs for metals were capped at a maximum value of 10,000 ppm. See TSD section 9.3.
f	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
h	The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
i	This SCO is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
j	This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See TSD Table 5.6-1.
PCB	Based on the sum of polychlorinated biphenyls.

New York DEC Restricted Use Soil Cleanup Objectives Protection of Ecological Resources

e	For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.
f	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
g	This SCO is derived from data on mixed isomers of BHC.
NS	Not specified.
a	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 10,000 ppm. See TSD section 9.3.
hNS	The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.; Not specified.
PCB	Based on the sum of polychlorinated biphenyls.

New York DEC Restricted Use Soil Cleanup Objectives Protection of Public Health Industrial

d	The SCOs for metals were capped at a maximum value of 10,000 ppm. See TSD section 9.3.
c	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm. See TSD section 9.3.
f	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
dh	The SCOs for metals were capped at a maximum value of 10,000 ppm. See TSD section 9.3.; The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
i	This SCO is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
j	This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See TSD Table 5.6-1.
PCB	Based on the sum of polychlorinated biphenyls.

Table 2
Off-Site Soil Analytical Results Greater than Soil Cleanup Objectives
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

									Location	GP18	MW07	MW07	MW07	MW07	MW07	MW07	MW10
									Date	9/22/2017	9/20/2016	9/20/2016	9/20/2016	9/20/2016	9/20/2016	9/20/2016	11/30/2016
									Depth	4.5 - 6 ft	0.37 - 1.2 ft	2 - 2.5 ft	2.5 - 3.5 ft	5 - 6 ft	8 - 9 ft	13 - 14 ft	2 - 3 ft
									Sample Type	N	N	N	N	N	N	N	N
									Soil Type	Subsurface Soil	Near Surface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
									Soil Description	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated	Saturated	Unsaturated
									Location Description	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site
									Sample Name	SG1-GP18-4.5-6.0	SG1-MW07-00.37	SG1-MW07-02.0	SG1-MW07-02.5	SG1-MW07-05.0	SG1-MW07-08.0	SG1-MW07-13.0	SG1-MW10-2.0
Parameter	Units	New York DEC Unrestricted Use Soil Cleanup Objectives	New York DEC Restricted Use Soil Cleanup Objectives Protection of Groundwater	New York DEC Restricted Use Soil Cleanup Objectives Protection of Public Health Residential	New York DEC Restricted Use Soil Cleanup Objectives Protection of Public Health Restricted - Residential	New York DEC Restricted Use Soil Cleanup Objectives Protection of Public Health Commercial	New York DEC Restricted Use Soil Cleanup Objectives Protection of Public Health Industrial	New York DEC Restricted Use Soil Cleanup Objectives Protection of Ecological Resources									
Last Updated		10/01/2020	10/01/2020	10/01/2020	10/01/2020	10/01/2020	10/01/2020	12/14/2006									
Exceedance Key		Bold	<u>Underline</u>	Shade	<i>Italics</i>	Red Text	Border	[Brackets]									
Volatile Organic Compounds																	
1,2-Dichloroethylene, cis	mg/kg	0.25 f	<u>0.25</u>	59	100 a	500 b	1000 c	NS	< 0.048 U	< 0.001 UJ	< 0.001 U	< 0.001 U	< 0.0009 U	< 0.0009 U	< 0.0008 U	< 0.001 UJ	
Acetone	mg/kg	0.05	<u>0.05</u>	100 a	100 b	500 b	1000 c	2.2	< 0.34 U	< 0.008 UJ	< 0.008 U	< 0.007 U	< 0.006 U	< 0.006 U	0.008 J	< 0.007 UJ	
Benzene	mg/kg	0.06	<u>0.06</u>	2.9	4.8	44	89	70	0.55	< 0.0005 UJ	< 0.0006 U	< 0.0005 U	< 0.0005 U	< 0.0005 U	< 0.0004 U	< 0.0005 UJ	
Methylene chloride	mg/kg	0.05	<u>0.05</u>	51	100 a	500 b	1000 c	12	< 0.097 U	< 0.002 UJ	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 UJ	
Toluene	mg/kg	0.7	<u>0.7</u>	100 a	100 a	500 b	1000 c	36	1.4	< 0.001 UJ	< 0.001 U	< 0.001 U	< 0.0009 U	< 0.0009 U	< 0.0008 U	< 0.001 UJ	
Trichloroethylene (TCE)	mg/kg	0.47	<u>0.47</u>	10	21	200	400	[2]	< 0.048 U	< 0.001 UJ	< 0.001 U	< 0.001 U	< 0.0009 U	< 0.0009 U	< 0.0008 U	< 0.001 UJ	
Semivolatile Organic Compounds																	
Benz(a)anthracene	ug/kg	1000 cf	<u>1000 f</u>	1000 f	1000 f	5600	11000	NS	--	24	3700	12 J	< 4 U	47	< 4 U	8 J	
Benzo(a)pyrene	ug/kg	1000 c	22000	1000 f	1000 f	1000 f	1100	[2600]	--	23	2600	< 4 U	5 J	16 J	< 4 U	7 J	
Benzo(b)fluoranthene	ug/kg	1000 cf	<u>1700</u>	1000 f	1000 f	5600	11000	NS	--	30	2700	12 J	5 J	18 J	< 4 U	9 J	
Benzo(k)fluoranthene	ug/kg	800 cf	<u>1700</u>	1000	3900	56000	110000	NS	--	13 J	1200	< 4 U	< 4 U	7 J	< 4 U	< 4 UJ	
Chrysene	ug/kg	1000 cf	<u>1000 f</u>	1000 f	3900	56000	110000	NS	--	25	3500	10 J	< 4 U	74	< 4 U	7 J	
Dibenz(a,h)anthracene	ug/kg	330 bf	1000000 c	330 e	330 e	560	1100	NS	--	4 J	340	< 4 U	< 4 U	< 4 U	< 4 U	< 4 UJ	
Indeno(1,2,3-cd)pyrene	ug/kg	500 cf	8200	500 f	500 f	5600	11000	NS	--	16 J	1300	< 4 U	< 4 U	5 J	< 4 U	< 4 UJ	
Pesticides																	
4,4'-DDD	ug/kg	3.3 b	14000	2600	13000	92000	180000	[3.3 e]	--	< 0.39 U	< 0.44 U	< 0.42 U	< 0.40 U	< 0.42 U	< 0.36 U	< 0.41 UJ	
4,4'-DDE	ug/kg	3.3 b	17000	1800	8900	62000	120000	[3.3 e]	--	1.2 J	1.5 J	< 0.42 U	< 0.40 U	< 0.42 U	< 0.36 U	< 0.41 UJ	
4,4'-DDT	ug/kg	3.3 b	136000	1700	7900	47000	94000	[3.3 e]	--	0.95 J	0.61 J	< 0.44 U	< 0.42 U	< 0.44 U	< 0.38 U	< 0.43 UJ	
Aldrin	ug/kg	5 c	190	19	97	680	1400	140	--	< 0.20 U	< 0.22 U	< 0.22 U	< 0.20 U	< 0.21 U	< 0.18 U	< 0.21 UJ	
b-BHC	ug/kg	36	90	72	360	3000	14000	600	--	< 0.35 U	< 0.40 U	< 0.38 U	< 0.36 U	< 0.38 U	< 0.33 U	< 0.37 UJ	
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	--	< 0.20 U	< 0.22 U	< 0.22 U	< 0.20 U	< 0.21 U	< 0.18 U	< 0.21 UJ	
Polychlorinated Biphenyls																	
Aroclor 1242	ug/kg	100 PCB	3200 PCB	1000 PCB	1000 PCB	1000 PCB	25000 PCB	1000 PCB	--	< 3.9 U	< 4.4 U	< 4.2 U	< 4.0 U	< 4.2 U	< 3.6 U	< 4.1 U	
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/kg	100	3200	1000	1000	1000	25000	1000	--	ND	ND	ND	ND	ND	ND	ND	
Metals																	
Arsenic	mg/kg	13 c	<u>16 f</u>	16 f	16 f	16 f	16 f	[13 f]	--	9.77	[14.7 J]	5.78 J	4.22 J	5.43 J	6.92 J	10.2 J	
Barium	mg/kg	350 c	820	350 f	400	400	10000 d	433	--	149 J	242 J	302 J	188 J	174 J	130 J	122	
Cadmium	mg/kg	2.5 c	7.5	2.5 f	4.3	9.3	60	[4]	--	0.446 J	0.501 J	0.304 J	0.318 J	0.242 J	0.180 J	0.213 J	
Chromium	mg/kg	30 ce	hNS	36 h	180 h	1500 h	6800 h	[41 h]	--	28.4 J	38.4 J	[42.6 J]	37.0 J	31.7 J	26.6 J	30.9 J	
Copper	mg/kg	50	1720	270	270	270	10000 d	[50]	--	[53.8 J]	[55.5 J]	37.0 J	[55.0 J]	[60.5 J]	41.9 J	25.9	
Lead	mg/kg	63 c	<u>450</u>	400	400	1000	3900	[63 f]	--	60.8 J	[117 J]	36.0 J	27.3 J	26.3 J	20.6 J	19.5	
Manganese	mg/kg	1600 c	<u>2000 f</u>	2000 f	2000 f	10000 d	10000 d	[1600 f]	--	412	515	463	420	297	656	1190 J	
Mercury	mg/kg	0.18 c	<u>0.73</u>	0.81 j	0.81 j	2.8 j	5.7 j	[0.18 f]	--	0.0828 J	0.0845 J	0.0356 J	0.0279 J	0.0261 J	0.0156 J	0.0222 J	
Nickel	mg/kg	30	130	140	310	310	10000 d	[30]	--	[42.4 J]	[46.7 J]	[48.2 J]	[45.5 J]	[52.6 J]	[46.6 J]	[33.0 J]	
Zinc	mg/kg	109 c	2480	2200	10000 d	10000 d	10000 d	[109 f]	--	96.8	[123 J]	99.6 J	[110 J]	82.8 J	68.3 J	104 J	

Table 2
Off-Site Soil Analytical Results Greater than Soil Cleanup Objectives
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW10 11/30/2016 10.5 - 11.5 ft N Subsurface Soil Saturated Off Site SG1-MW10-10.5	MW10 11/30/2016 12 - 13 ft N Subsurface Soil Saturated Off Site SG1-MW10-12.0	MW10 12/09/2016 0.1 - 0.27 ft N Surface Soil Unsaturated Off Site SG1-MW10-00.10	MW10 12/09/2016 0.27 - 1.1 ft N Near Surface Soil Unsaturated Off Site SG1-MW10-00.27	MW11 12/01/2016 6 - 7 ft N Subsurface Soil Unsaturated Off Site SG1-MW11-06.0	MW11 12/02/2016 9 - 10 ft N Subsurface Soil Unsaturated Off Site SG1-MW11-09.0		9 - 10 ft FD Subsurface Soil Unsaturated Off Site SG1-FD02-161202	MW12 10/12/2016 18 - 19 ft N Subsurface Soil Saturated Off Site SG1-MW12-18.0	MW12 10/12/2016 21 - 22 ft N Subsurface Soil Saturated Off Site SG1-MW12-21.0	MW12 10/12/2016 23 - 24 ft N Subsurface Soil Saturated Off Site SG1-MW12-23.0	MW20 10/05/2016 0.3 - 0.47 ft N Surface Soil Unsaturated Off Site SG1-MW20-00.30	MW20 10/05/2016 0.47 - 1.3 ft N Near Surface Soil Unsaturated Off Site SG1-MW20-00.47	MW20 10/06/2016 7 - 8 ft N Subsurface Soil Saturated Off Site SG1-MW20-7.0	MW21 10/06/2016 0.14 - 0.31 ft N Surface Soil Unsaturated Off Site SG1-MW21-00.14	MW21 10/07/2016 9.5 - 10.5 ft N Subsurface Soil Saturated Off Site SG1-MW21-9.5	MW24 7/19/2017 7 - 8 ft N Subsurface Soil Unsaturated Off Site SG1-MW24-07.0		7 - 8 ft FD Subsurface Soil Unsaturated Off Site SG1-FD01-170719	MW24 7/19/2017 9 - 10 ft N Subsurface Soil Unsaturated Off Site SG1-MW24-09.0
Parameter	Units																				
Last Updated																					
Exceedance Key																					
Volatile Organic Compounds																					
1,2-Dichloroethylene, cis	mg/kg	< 0.042 UJ	0.37 J	< 0.002 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.0009 U	< 0.0009 UJ	< 0.002 UJ	< 0.002 UJ	< 0.0009 UJ	< 0.001 UJ	< 0.0009 U	< 0.0009 UJ	< 0.0009 UJ	< 0.0009 UJ	< 0.001 UJ	
Acetone	mg/kg	< 0.30 UJ	< 0.37 UJ	< 0.011 UJ	< 0.007 U	< 0.009 UJ	0.053	< 0.008 U	0.098 J	0.008 J	< 0.006 UJ	1.3 J	0.41 J	< 0.006 UJ	< 0.010 UJ	< 0.007 U	< 0.006 UJ	< 0.006 UJ	< 0.006 UJ	0.076 J	
Benzene	mg/kg	< 0.021 UJ	< 0.027 UJ	< 0.0008 U	< 0.0005 U	< 0.0007 U	< 0.0006 U	< 0.0006 U	< 0.0005 U	< 0.0005 U	< 0.0004 UJ	< 0.0008 UJ	< 0.0008 UJ	< 0.0004 UJ	< 0.0007 UJ	< 0.0005 U	< 0.0004 UJ	< 0.0004 UJ	< 0.0004 UJ	< 0.0005 UJ	
Methylene chloride	mg/kg	< 0.085 UJ	< 0.11 UJ	< 0.003 U	< 0.002 U	< 0.003 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 UJ	< 0.003 UJ	< 0.003 UJ	< 0.002 UJ	< 0.003 UJ	< 0.002 U	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	
Toluene	mg/kg	< 0.042 UJ	< 0.053 UJ	< 0.002 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.0009 U	< 0.0009 UJ	< 0.002 UJ	< 0.002 UJ	< 0.0009 UJ	< 0.001 UJ	< 0.0009 U	< 0.0009 UJ	< 0.0009 UJ	< 0.0009 UJ	< 0.001 UJ	
Trichloroethylene (TCE)	mg/kg	1.4 J	2.8 J	< 0.002 U	< 0.001 U	< 0.001 U	0.006	0.010	< 0.001 U	< 0.0009 U	< 0.0009 UJ	< 0.002 UJ	< 0.002 UJ	< 0.0009 UJ	< 0.001 UJ	< 0.0009 U	< 0.0009 UJ	< 0.0009 UJ	< 0.0009 UJ	< 0.001 UJ	
Semivolatile Organic Compounds																					
Benz(a)anthracene	ug/kg	< 4 U	6 J	50	31	27	< 4 U	< 5 U	26	< 4 U	< 4 U	7600	18000	5 J	120 J	< 4 U	94 J	100	6 J		
Benzo(a)pyrene	ug/kg	< 4 U	6 J	64	44	30	< 4 U	< 5 U	22	< 4 U	< 4 U	4100	11000	5 J	130 J	< 4 U	110	140	7 J		
Benzo(b)fluoranthene	ug/kg	< 4 U	9 J	78	57	44	< 4 U	< 5 U	27	< 4 U	< 4 U	9300	24000	< 4 U	180 J	< 4 U	170	150	8 J		
Benzo(k)fluoranthene	ug/kg	< 4 U	< 4 U	36	24	14 J	< 4 U	< 5 U	15 J	< 4 U	< 4 U	3800	8700	< 4 U	89 J	< 4 U	70 J	80 J	6 J		
Chrysene	ug/kg	< 4 U	7 J	59	35	34	< 4 U	< 5 U	23	< 4 U	< 4 U	7200	19000	< 4 U	160 J	< 4 U	180	150	6 J		
Dibenz(a,h)anthracene	ug/kg	< 4 U	< 4 U	16 J	< 4 U	6 J	< 4 U	< 5 U	7 J	< 4 U	< 4 U	950	2700	< 4 U	< 41 U	< 4 U	45 J	34 J	< 4 U		
Indeno(1,2,3-cd)pyrene	ug/kg	< 4 U	4 J	44	25	20 J	< 4 U	< 5 U	12 J	< 4 U	< 4 U	2300	6900	< 4 U	70 J	< 4 U	80 J	110	7 J		
Pesticides																					
4,4'-DDD	ug/kg	< 0.38 U	< 0.43 U	< 0.51 U	< 0.39 U	< 0.43 U	< 0.44 U	< 0.45 U	< 0.43 U	< 0.35 U	< 0.36 U	< 2.1 U	< 2.0 U	< 0.37 U	1.0 J	< 0.35 U	2.5	1.9 J	< 0.39 U		
4,4'-DDE	ug/kg	< 0.38 U	< 0.43 U	1.3 J	1.8 J	< 0.43 U	< 0.44 U	< 0.45 U	< 0.43 UJ	< 0.35 U	< 0.36 U	< 2.1 U	< 2.0 U	< 0.37 U	0.92 J	< 0.35 U	15 J	6.0 J	1.4 J		
4,4'-DDT	ug/kg	< 0.41 U	< 0.46 U	1.7 J	1.5 J	< 0.46 U	< 0.47 U	< 0.48 U	< 0.46 UJ	< 0.37 U	< 0.38 U	< 5.1 U	< 6.0 U	< 0.39 U	0.95 J	< 0.37 U	60	35	4.9 J		
Aldrin	ug/kg	< 0.20 U	< 0.22 U	< 0.26 U	< 0.20 U	< 0.22 U	< 0.23 U	< 0.23 U	< 0.22 UJ	0.33 J	< 0.19 U	< 1.1 U	< 1.0 U	< 0.19 U	< 0.21 U	< 0.18 U	< 0.20 U	< 0.20 U	< 0.20 U		
b-BHC	ug/kg	< 0.35 U	< 0.39 U	< 0.47 U	< 0.35 U	< 0.39 U	< 0.40 U	< 0.41 U	< 0.39 UJ	< 0.32 U	< 0.33 U	< 1.9 U	< 1.8 U	< 0.33 U	2.6	< 0.32 U	< 0.35 U	< 0.35 U	< 0.36 U		
Heptachlor	ug/kg	< 0.20 U	< 0.22 U	< 0.44 U	< 0.20 U	< 0.22 U	< 0.23 U	< 0.23 U	< 0.22 UJ	< 0.18 U	< 0.19 U	< 1.1 U	< 1.0 U	< 0.19 U	< 0.87 U	< 0.18 U	< 0.20 U	< 0.20 U	< 0.20 U		
Polychlorinated Biphenyls																					
Aroclor 1242	ug/kg	< 3.8 U	< 4.3 U	< 5.2 U	< 3.8 U	< 4.3 U	< 4.4 U	< 4.5 U	< 4.3 U	< 3.5 U	< 3.6 U	< 4.3 U	< 4.0 U	< 3.6 U	< 4.1 U	< 3.5 U	< 3.8 UJ	< 3.8 U	< 3.9 U		
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/kg	ND	ND	55	ND	ND	ND	ND	ND	ND	ND	ND	9.7	ND	8.7	ND	39	ND	ND		
Metals																					
Arsenic	mg/kg	5.04 J	6.11 J	8.41	9.82	11.0 J	6.49	6.77	14.7 J	9.88 J	15.9 J	8.73	8.99	8.82 J	9.00 J	10.5 J	8.07	8.53	9.12		
Barium	mg/kg	71.7	76.2	107	105	132	90.2	87.6	75.4	41.8	41.0	84.8	69.1	127	88.4	48.3	89.8	85.3	72.3		
Cadmium	mg/kg	0.220 J	0.137 J	0.599	0.373	0.696 J	0.205 J	0.193 J	0.193 J	0.0849 J	0.0883 J	0.367	0.390	0.145 J	0.411	0.0940 J	0.197	0.286	0.157 J		
Chromium	mg/kg	17.3 J	20.7 J	19.0 J	23.0 J	28.0 J	20.1	20.8	28.0 J	16.8 J	27.0 J	19.3	28.2	22.4 J	32.9 J	21.5 J	21.2	19.3	23.5		
Copper	mg/kg	27.7	26.5	33.2 J	30.9 J	35.8	30.0	32.9	24.2	32.7	42.1	28.4	26.1	32.1	27.4	36.7	27.9	25.9	30.6		
Lead	mg/kg	12.9	13.6	40.1 J	48.8 J	113	13.1	14.5	20.0	22.1	18.0	36.2	46.2	15.2	33.2	21.9	54.9	76.8	19.7		
Manganese	mg/kg	444 J	267 J	751	955	1440 J	396	470	829	789	1330	572	448	612	714	945	813 J	820 J	1190 J		
Mercury	mg/kg	0.0126 J	0.0136 J	0.0996 J	0.0980 J	0.174	0.0145 J	0.0159 J	0.0571 J	0.0193 J	0.0270 J	0.0814 J	0.0867 J	0.0184 J	0.157 J	0.0413 J	< 0.0302 UB	< 0.0347 UB	< 0.0369 UB		
Nickel	mg/kg	24.1 J	26.8 J	30.7 J	31.2 J	34.1 J	27.0	30.4	24.5 J	39.4 J	54.8 J	27.1 J	27.2 J	30.4 J	24.2 J	37.4 J	31.6	31.7	38.2		
Zinc	mg/kg	67.3 J	74.3 J	105	98.5	324 J	70.3	72.8	75.3	74.8	100	81.5	80.9	71.0	102	75.2	97.0	99.1	81.6		

Table 2
Off-Site Soil Analytical Results Greater than Soil Cleanup Objectives
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW24	MW24	MW24	MW24	MW24	MW24	MW25	MW25	MW25	MW25	MW25	MW25	MW25	MW25	MW26	MW26	MW26	MW26	MW27
		7/19/2017	7/19/2017	7/20/2017	7/21/2017	8/28/2017	8/28/2017	7/24/2017	7/24/2017	7/24/2017	7/24/2017	7/25/2017	11/07/2017	11/07/2017	7/26/2017	7/27/2017	11/07/2017	11/07/2017	7/28/2017	
		12 - 13 ft	15 - 16 ft	93 - 94 ft	139 - 140 ft	0.17 - 0.34 ft	0.34 - 1.17 ft	1.5 - 2.5 ft	7.5 - 8.5 ft	9 - 10 ft	11 - 12 ft	80 - 81 ft	0 - 0.17 ft	0.17 - 1 ft	7.5 - 8.5 ft	39 - 40 ft	0 - 0.17 ft	0.17 - 1 ft	10 - 11 ft	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
		Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Surface Soil	Near Surface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Surface Soil	Near Surface Soil	Subsurface Soil	Subsurface Soil	Surface Soil	Near Surface Soil	Subsurface Soil	
		Saturated	Saturated	Saturated	Saturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated	Saturated	Unsaturated	Unsaturated	Saturated	Saturated	Unsaturated	Unsaturated	Unsaturated	
		Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	
		SG1-MW24-12.0	SG1-MW24-15.0	SG1-MW24-93.0	SG1-MW24-139.0	SG1-MW24-0.17A	SG1-MW24-0.34	SG1-MW25-01.5	SG1-MW25-07.5	SG1-MW25-09.0	SG1-MW25-11.0	SG1-MW25-80.0	SG1-MW25-0.00A	SG1-MW25-0.17A	SG1-MW26-07.5	SG1-MW26-39.0	SG1-MW26-0.00A	SG1-MW26-0.17A	SG1-MW27-10.0	
Parameter	Units																			
Last Updated																				
Exceedance Key																				
Volatile Organic Compounds																				
1,2-Dichloroethylene, cis	mg/kg	< 0.0009 UJ	< 0.001 UJ	< 0.001 U	< 0.0007 UJ	< 0.001 U	< 0.001 U	< 0.0009 UJ	< 0.001 U	< 0.001 U	< 0.001 U	< 0.0008 UJ	< 0.001 U	< 0.001 U	< 0.0009 U	< 0.0008 UJ	< 0.001 U	< 0.001 U	< 0.0009 U	
Acetone	mg/kg	< 0.006 UJ	0.014 J	0.022	< 0.005 UJ	< 0.008 U	< 0.008 U	< 0.006 UJ	0.013 J	< 0.007 U	0.013 J	0.009 J	< 0.008 U	< 0.009 U	< 0.006 U	0.010 J	0.045	0.024 J	0.15	
Benzene	mg/kg	< 0.0005 UJ	< 0.0006 UJ	< 0.0005 U	< 0.0004 UJ	< 0.0006 U	< 0.0005 U	< 0.0005 UJ	< 0.0005 U	< 0.0005 U	< 0.0005 U	0.0004 J	< 0.0006 U	< 0.0006 U	< 0.0004 U	< 0.0004 UJ	< 0.0006 U	< 0.0007 U	< 0.0004 U	
Methylene chloride	mg/kg	< 0.002 UJ	< 0.002 UJ	< 0.002 U	< 0.001 UJ	< 0.002 U	< 0.002 U	< 0.002 UJ	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 UJ	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 UJ	< 0.002 U	< 0.003 U	< 0.002 U	
Toluene	mg/kg	< 0.0009 UJ	< 0.001 UJ	< 0.001 U	< 0.0007 UJ	< 0.001 U	< 0.001 U	< 0.0009 UJ	< 0.001 U	< 0.001 U	< 0.001 U	< 0.0008 UJ	< 0.001 U	< 0.001 U	< 0.0009 U	< 0.0008 UJ	< 0.001 U	< 0.001 U	< 0.0009 U	
Trichloroethylene (TCE)	mg/kg	< 0.0009 UJ	< 0.001 UJ	< 0.001 U	< 0.0007 UJ	< 0.001 U	< 0.001 U	< 0.0009 UJ	< 0.001 U	< 0.001 U	< 0.001 U	< 0.0008 UJ	< 0.001 U	< 0.001 U	< 0.0009 U	< 0.0008 UJ	< 0.001 U	< 0.001 U	< 0.0009 U	
Semivolatile Organic Compounds																				
Benz(a)anthracene	ug/kg	< 4 U	< 5 U	< 4 U	< 4 U	110	210	< 4 U	< 3 U	< 4 U	< 4 U	< 4 U	14 J	9 J	< 4 U	< 4 U	1400	1100	26	
Benzo(a)pyrene	ug/kg	< 4 U	< 5 U	< 4 U	< 4 U	160	300	< 4 U	< 3 U	< 4 U	< 4 U	< 4 U	21 J	12 J	< 4 U	< 4 U	1400	980	38	
Benzo(b)fluoranthene	ug/kg	< 4 U	< 5 U	< 4 U	< 4 U	180	330	< 4 U	< 3 U	< 4 U	< 4 U	< 4 U	34	18 J	< 4 U	< 4 U	1900	1400	38	
Benzo(k)fluoranthene	ug/kg	< 4 U	< 5 U	< 4 U	< 4 U	< 20 U	120	< 4 U	< 3 U	< 4 U	< 4 U	< 4 U	16 J	7 J	< 4 U	< 4 U	870	590	19	
Chrysene	ug/kg	< 4 U	< 5 U	< 4 U	< 4 U	140	240	< 4 U	< 3 U	< 4 U	< 4 U	< 4 U	22 J	14 J	< 4 U	< 4 U	1500	990	56	
Dibenz(a,h)anthracene	ug/kg	< 4 U	< 5 U	< 4 U	< 4 U	< 20 U	< 18 U	< 4 U	< 3 U	< 4 U	< 4 U	< 4 U	6 J	< 5 U	< 4 U	< 4 U	270	190	15 J	
Indeno(1,2,3-cd)pyrene	ug/kg	< 4 U	< 5 U	< 4 U	< 4 U	120	200	< 4 U	< 3 U	< 4 U	< 4 U	< 4 U	15 J	14 J	< 4 U	< 4 U	900	630	23	
Pesticides																				
4,4'-DDD	ug/kg	< 0.42 U	0.95 J	< 0.39 U	< 0.35 U	< 0.40 U	< 0.36 U	< 0.39 U	< 0.34 U	< 0.36 U	< 0.42 U	< 0.38 U	< 0.45 U	< 0.45 U	< 0.38 U	< 0.37 U	< 2.3 U	< 0.45 U	[3.6 J]	
4,4'-DDE	ug/kg	< 0.42 U	< 0.48 U	< 0.39 U	< 0.35 U	< 0.40 U	< 0.36 U	< 0.39 U	< 0.34 U	< 0.36 U	< 0.42 U	< 0.38 U	< 0.45 U	[7.0]	< 0.38 U	< 0.37 U	< 2.3 U	0.63 J	[5.4 J]	
4,4'-DDT	ug/kg	< 0.45 U	< 0.51 U	< 0.41 U	< 0.39 U	2.5	0.73 J	< 0.43 U	< 0.37 U	< 0.39 U	< 0.46 U	< 0.41 U	[3.9]	[5.3]	< 0.41 U	< 0.40 U	[3.7 J]	< 0.49 U	2.2 J	
Aldrin	ug/kg	< 0.22 U	0.58 J	< 0.20 U	< 0.18 U	< 0.21 U	< 0.18 U	< 0.20 U	< 0.18 U	< 0.18 U	< 0.22 U	< 0.19 U	< 0.23 U	< 0.23 U	< 0.19 U	< 0.19 U	< 1.2 U	< 0.23 U	< 0.91 U	
b-BHC	ug/kg	< 0.38 U	1.6	< 0.35 U	< 0.32 U	1.4	< 0.33 U	< 0.36 U	< 0.31 U	< 0.32 U	< 0.38 U	< 0.34 U	< 0.41 U	< 0.41 U	< 0.34 U	< 0.34 U	< 2.1 U	< 0.41 U	< 1.6 U	
Heptachlor	ug/kg	< 0.22 U	< 0.25 U	< 0.20 U	< 0.18 U	1.2	< 0.18 U	< 0.20 U	< 0.18 U	< 0.18 U	< 0.22 U	< 0.19 U	< 0.80 U	< 0.23 U	< 0.19 U	0.29 J	< 1.7 U	< 0.23 U	< 0.91 U	
Polychlorinated Biphenyls																				
Aroclor 1242	ug/kg	< 4.2 U	< 4.8 U	< 3.9 U	< 3.6 U	< 4.0 U	< 3.6 U	< 3.9 U	< 3.4 U	< 3.6 U	< 4.2 U	< 3.7 U	< 4.5 U	< 4.5 U	< 3.8 U	< 3.8 U	< 4.6 U	< 4.5 U	< 3.5 UJ	
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/kg	ND	ND	ND	ND	15	ND	ND	ND	ND	ND	ND	14	ND	ND	13	ND	ND	ND	
Metals																				
Arsenic	mg/kg	8.22	[13.9]	9.65	[14.1 J]	11.2 J	11.9 J	2.48 J	7.38 J	[16.9 J]	11.5 J	8.31 J	8.84	10.3	12.0 J	8.60 J	7.17	8.95	5.36 J	
Barium	mg/kg	145	312	268	57.6 J	146 J	123 J	79.2	351	57.1	188	73.9	80.0	76.8	93.6	94.8	76.1	75.3	55.7 J	
Cadmium	mg/kg	0.162 J	0.140 J	0.209 J	0.0714 J	0.450	0.362	0.107 J	0.228	0.105 J	0.243	0.130 J	0.242 J	0.148 J	0.153 J	0.113 J	0.208 J	0.287 J	0.111 J	
Chromium	mg/kg	22.9	33.4	31.5	11.7	24.2 J	21.7 J	19.2	13.6	12.6	30.5	28.0	19.9 J	21.1 J	17.3 J	13.3 J	16.5 J	18.2 J	14.7 J	
Copper	mg/kg	33.6	41.5	39.2	41.5 J	37.3 J	32.2 J	26.5 J	41.3 J	29.4 J	43.5 J	[53.3 J]	26.8 J	27.5 J	[51.8 J]	34.4 J	30.3 J	32.6 J	18.2 J	
Lead	mg/kg	17.0	22.8	22.0	25.3 J	[203 J]	[135 J]	13.7 J	10.5 J	12.0 J	21.9 J	24.7 J	48.0	40.6	19.8 J	17.0 J	62.6	32.7	33.8	
Manganese	mg/kg	731 J	835 J	844 J	583 J	832 J	623 J	354	[7770]	780	1060	1120	532	547	973	753	537	728	524	
Mercury	mg/kg	< 0.0297 UB	< 0.0363 UB	< 0.0480 UB	0.0141 J	0.0895 J	0.0714 J	0.0148 J	< 0.0104 U	< 0.0104 U	0.0205 J	0.0237 J	0.0724 J	0.0685 J	0.0211 J	0.0227 J	0.0886 J	0.0401 J	0.0527 J	
Nickel	mg/kg	[34.3]	[45.6]	[38.3]	[40.4]	25.5 J	21.5 J	[30.2 J]	[36.8 J]	28.8 J	[47.4 J]	[44.2 J]	27.9 J	29.3 J	27.1 J	[35.4 J]	24.3 J	[30.7 J]	17.7 J	
Zinc	mg/kg	89.6	[113]	101	70.7 J	[199 J]	[143 J]	84.7	60.5	64.4	108	88.3	101	100	77.1 J	76.8 J	101	93.9	77.3 J	

Table 2
Off-Site Soil Analytical Results Greater than Soil Cleanup Objectives
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW27	MW28	MW28	MW28	MW28	MW28	MW28	MW29	MW29	MW29	MW29	MW30	MW30	MW30	MW30	MW31	MW31	MW32
		11/03/2017	8/01/2017	8/01/2017	8/01/2017	8/01/2017	8/02/2017	8/29/2017	8/03/2017	8/03/2017	8/03/2017	8/29/2017	8/07/2017	8/07/2017	11/14/2017	11/14/2017	11/14/2017	11/14/2017	8/09/2017
		0.02 - 0.19 ft	1.5 - 2.5 ft	7 - 7.5 ft	14.5 - 15 ft	15 - 16 ft	126 - 127 ft	0.08 - 0.25 ft	16 - 17 ft	17 - 18 ft	19 - 20 ft	0.32 - 1.15 ft	15 - 16 ft	14 - 15 ft	0.1 - 0.27 ft	0.27 - 1.1 ft	0.06 - 0.23 ft	0.23 - 1.06 ft	1 - 2 ft
		N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Surface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Surface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Near Surface Soil	Subsurface Soil	Subsurface Soil	Surface Soil	Near Surface Soil	Surface Soil	Near Surface Soil	Subsurface Soil
		Unsaturated	Unsaturated	Unsaturated	Saturated	Saturated	Saturated	Unsaturated	Unsaturated	Unsaturated	Saturated	Unsaturated	Saturated	Saturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
		Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site
		SG1-MW27-0.02	SG1-MW28-01.5	SG1-FD01-170801	SG1-MW28-14.5	SG1-MW28-15.0	SG1-MW28-126.0	SG1-MW28-0.08	SG1-MW29-16.0	SG1-MW29-17.0	SG1-MW29-19.0	SG1-MW29-0.32	SG1-MW30-15.0	SG1-MW30-14.0	SG1-MW30-0.10	SG1-MW30-0.27	SG1-MW31-0.06	SG1-MW31-0.23	SG1-MW32-01.0
Parameter	Units																		
Last Updated																			
Exceedance Key																			
Volatile Organic Compounds																			
1,2-Dichloroethylene, cis	mg/kg	< 0.0009 U	< 0.0008 U	< 0.001 U	< 0.0009 U	< 0.001 U	< 0.0009 U	< 0.0009 U	< 0.001 U	< 0.0009 U	< 0.001 U	< 0.0009 U	< 0.0009 U	< 0.0009 U	< 0.0009 U	< 0.0009 U	< 0.054 U	< 0.0009 U	< 0.001 U
Acetone	mg/kg	< 0.006 U	< 0.006 U	0.013 J	< 0.006 U	< 0.008 U	0.038	< 0.007 U	0.048	0.054	0.064	< 0.006 U	< 0.006 U	< 0.006 U	< 0.007 U	< 0.006 U	< 0.38 U	< 0.007 U	0.018 J
Benzene	mg/kg	< 0.0004 U	< 0.0004 U	< 0.0005 U	< 0.0004 U	< 0.0005 U	< 0.0005 U	< 0.0005 U	< 0.0005 U	< 0.0005 U	< 0.0005 U	< 0.0005 U	< 0.0004 U	< 0.0005 U	< 0.0005 U	< 0.0005 U	< 0.027 U	< 0.0005 U	< 0.0005 U
Methylene chloride	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 UJ	< 0.002 U	< 0.002 U	< 0.11 U	< 0.002 U	< 0.002 U
Toluene	mg/kg	< 0.0009 U	< 0.0008 U	< 0.001 U	< 0.0009 U	< 0.001 U	< 0.0009 U	< 0.0009 U	< 0.001 U	< 0.0009 U	< 0.001 U	< 0.0009 U	< 0.0009 U	< 0.0009 U	< 0.0009 U	< 0.0009 U	< 0.054 U	< 0.0009 U	< 0.001 U
Trichloroethylene (TCE)	mg/kg	< 0.0009 U	< 0.0008 U	< 0.001 U	< 0.0009 U	< 0.001 U	< 0.0009 U	< 0.0009 U	< 0.001 U	< 0.0009 U	< 0.001 U	< 0.0009 U	< 0.0009 U	< 0.0009 U	< 0.0009 U	< 0.0009 U	< 0.054 U	< 0.0009 U	< 0.001 U
Semivolatile Organic Compounds																			
Benz(a)anthracene	ug/kg	42	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	130	280	5 J	< 4 U	780	< 4 U	< 4 U	590	1000	440	230	< 17 U
Benzo(a)pyrene	ug/kg	61	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	240	220	7 J	< 4 U	1300	< 4 U	< 4 U	600	1100	540	280	< 17 U
Benzo(b)fluoranthene	ug/kg	76	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	240	310	9 J	< 4 U	1500	< 4 U	< 4 U	830	1400	880	340	42 J
Benzo(k)fluoranthene	ug/kg	33	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	95	110	4 J	< 4 U	640	< 4 U	< 4 U	370	680	290	160	< 17 U
Chrysene	ug/kg	76	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	150	260	< 4 U	< 4 U	900	< 4 U	< 4 U	590	1100	580	290	48 J
Dibenz(a,h)anthracene	ug/kg	19	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	82 J	41	< 4 U	< 4 U	< 35 U	< 4 U	< 4 U	140	240	98 J	72 J	< 17 U
Indeno(1,2,3-cd)pyrene	ug/kg	51	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	190	110	5 J	< 4 U	990	< 4 U	< 4 U	430	790	430	180	< 17 U
Pesticides																			
4,4'-DDD	ug/kg	< 3.4 U	< 0.39 U	< 0.40 U	< 0.35 U	< 0.44 U	< 8.0 U	0.39 J	< 0.42 U	< 0.43 U	< 0.43 U	< 7.2 U	< 0.42 U	< 0.41 U	< 0.36 U	< 0.38 U	< 0.43 U	[6.2]	1.3 J
4,4'-DDE	ug/kg	< 3.4 U	< 0.39 U	< 0.40 U	< 0.35 U	< 0.44 U	[12 J]	0.94 J	< 0.42 U	< 0.43 U	< 0.43 U	[8.6]	< 0.42 U	< 0.41 U	1.9	2.9	1.0 J	[4.6]	0.98 J
4,4'-DDT	ug/kg	[4.1 J]	< 0.43 U	[3.9]	< 0.38 U	< 0.48 U	< 8.7 U	[5.4 J]	< 0.46 U	< 0.46 U	< 0.47 U	[4.1]	< 0.46 U	< 0.45 U	[3.5]	[4.4]	[4.4]	[15]	< 0.63 U
Aldrin	ug/kg	< 1.8 U	< 0.20 U	< 0.21 U	< 0.18 U	< 0.23 U	< 10 U	< 0.17 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.18 U	< 0.22 U	< 0.21 U	< 0.19 U	< 0.19 U	< 0.22 U	< 0.18 U	< 0.18 U
b-BHC	ug/kg	< 3.1 R	< 0.36 U	< 0.36 U	< 0.31 U	< 0.40 U	100	< 0.31 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.32 U	< 0.38 U	< 0.38 U	< 0.33 U	< 0.34 U	< 0.39 U	< 0.32 U	< 0.31 U
Heptachlor	ug/kg	< 1.8 U	< 0.20 U	< 0.21 U	< 0.18 U	< 0.23 U	54	< 0.17 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.18 U	< 0.22 U	< 0.21 U	0.39 J	0.28 J	< 0.22 U	< 0.18 U	< 0.18 U
Polychlorinated Biphenyls																			
Aroclor 1242	ug/kg	< 3.4 U	< 4.0 U	< 4.0 U	< 3.4 U	< 4.4 U	< 4.0 U	< 3.4 UJ	< 4.3 U	< 4.3 U	< 4.2 U	< 3.5 U	< 4.2 U	< 4.1 U	< 3.6 U	< 3.8 U	< 4.3 U	< 3.5 U	< 3.5 U
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	17	13	21	ND
Metals																			
Arsenic	mg/kg	3.64	11.9	6.51	5.56	8.57	11.7	6.69 J	8.39	12.3	5.67	5.70 J	11.7	8.07	10.3 J	6.65 J	6.56 J	6.96 J	6.52
Barium	mg/kg	41.3	128	70.9	110	301	43.7	56.9 J	130	119	88.7	48.2 J	120	87.6	131	124	77.7	89.3	89.2
Cadmium	mg/kg	0.0953 J	0.213 J	0.154 J	0.199	0.150 J	0.156 J	0.117 J	0.283	0.292	0.195 J	0.114 J	0.164 J	0.163 J	0.313	0.492	0.666	0.381	0.136 J
Chromium	mg/kg	7.84	25.7 J	18.0 J	10.5 J	31.0 J	22.2	17.6 J	21.1	21.6	18.4	10.8 J	17.4	15.2	21.8 J	15.9 J	22.4 J	17.8 J	14.9
Copper	mg/kg	16.9	38.7 J	26.4 J	32.9 J	46.1 J	39.8	[67.3 J]	[54.6]	39.6	26.3	15.8 J	36.9	31.9	35.1 J	30.7 J	34.8 J	41.8 J	27.0
Lead	mg/kg	49.1	24.6	13.7	15.2	28.0	15.9	19.7 J	[145]	43.3	20.9	36.7 J	19.6	12.1	[108]	[149]	[86.0]	[105]	[126]
Manganese	mg/kg	467	1140	413	[2030]	611	692	521 J	375	597	1090	386 J	768	[2440]	712	512	635	770	669
Mercury	mg/kg	0.0964 J	0.0284 J	0.0141 J	< 0.0099 U	0.0210 J	0.0237 J	0.0577 J	[0.356]	0.0454 J	0.0241 J	0.0315 J	0.0191 J	0.132	0.111	0.176	0.109 J	0.0853 J	0.176
Nickel	mg/kg	15.2	[40.0 J]	28.1 J	24.5 J	[40.2 J]	[39.1]	22.0 J	28.7	[31.4]	27.9	11.6 J	[30.2]	27.2	26.8 J	19.7 J	22.1 J	27.6 J	21.7
Zinc	mg/kg	60.3	89.0	67.0	47.4	94.9	91.5	69.8 J	[208]	[152]	82.3	43.9 J	86.0	71.5	[125]	[128]	[148]	103	92.1

Table 2
Off-Site Soil Analytical Results Greater than Soil Cleanup Objectives
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW32 8/09/2017	MW32 8/09/2017	MW32 8/09/2017	MW32 11/13/2017	MW33 8/14/2017	MW33 8/14/2017	MW33 8/14/2017	MW33 8/14/2017	MW33 8/14/2017	MW33 11/13/2017	MW33 11/13/2017	MW34 8/15/2017	MW34 8/15/2017	MW34 8/15/2017	MW34 11/13/2017	MW34 11/13/2017	MW35 8/17/2017	MW35 8/17/2017
		8 - 9 ft	10 - 11 ft	18 - 19 ft	0.17 - 1 ft	66 - 67 ft	69 - 70 ft	81 - 82 ft	3 - 4 ft	10 - 11 ft	0.22 - 0.39 ft	0.39 - 1.22 ft	9 - 10 ft	10 - 11 ft	13 - 14 ft	0.07 - 0.24 ft	0.24 - 1.07 ft	11 - 12 ft	9 - 10 ft
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Subsurface Soil	Subsurface Soil	Subsurface Soil	Near Surface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Surface Soil	Near Surface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Surface Soil	Near Surface Soil	Subsurface Soil	Subsurface Soil
		Unsaturated Off Site SG1-MW32- 08.0	Unsaturated Off Site SG1-MW32- 10.0	Saturated Off Site SG1-MW32- 18.0	Unsaturated Off Site SG1-MW32- 0.17A	Saturated Off Site SG1-MW33- 66.0	Saturated Off Site SG1-MW33- 69.0	Saturated Off Site SG1-MW33- 81.0	Unsaturated Off Site SG1-MW33- 03.0	Saturated Off Site SG1-MW33- 10.0	Unsaturated Off Site SG1-MW33- 0.22	Unsaturated Off Site SG1-MW33- 0.39	Saturated Off Site SG1-MW34- 09.0	Saturated Off Site SG1-MW34- 10.0	Saturated Off Site SG1-MW34- 13.0	Unsaturated Off Site SG1-MW34- 0.07	Unsaturated Off Site SG1-MW34- 0.24	Saturated Off Site SG1-MW35- 11.0	Saturated Off Site SG1-MW35- 09.0
Parameter	Units																		
Last Updated																			
Exceedance Key																			
Volatile Organic Compounds																			
1,2-Dichloroethylene, cis	mg/kg	< 0.001 U	< 0.001 U	< 0.002 U	< 0.0008 U	< 0.0009 UJ	< 0.0009 UJ	< 0.0008 UJ	< 0.0008 UJ	< 0.001 UJ	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.0009 U
Acetone	mg/kg	< 0.008 U	< 0.007 U	0.013 J	< 0.006 U	0.020 J	0.067 J	0.033 J	< 0.006 UJ	< 0.007 UJ	< 0.007 U	< 0.007 U	< 0.007 U	< 0.007 U	0.013 J	< 0.009 U	< 0.007 U	0.008 J	< 0.007 U
Benzene	mg/kg	< 0.0006 U	< 0.0005 U	< 0.0008 U	< 0.0004 U	< 0.0005 UJ	< 0.0004 UJ	< 0.0004 UJ	< 0.0004 UJ	< 0.0005 UJ	< 0.0005 U	< 0.0005 U	< 0.0005 U	< 0.0005 U	< 0.0006 U	< 0.0006 U	< 0.0005 U	< 0.0005 U	< 0.0005 U
Methylene chloride	mg/kg	< 0.002 U	< 0.002 U	< 0.003 U	< 0.002 U	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.003 U	< 0.003 U	< 0.002 U	< 0.002 U
Toluene	mg/kg	< 0.001 U	< 0.001 U	< 0.002 U	< 0.0008 U	< 0.0009 UJ	< 0.0009 UJ	< 0.0008 UJ	< 0.0008 UJ	< 0.001 UJ	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.0009 U
Trichloroethylene (TCE)	mg/kg	< 0.001 U	< 0.001 U	< 0.002 U	< 0.0008 U	< 0.0009 UJ	< 0.0009 UJ	< 0.0008 UJ	< 0.0008 UJ	< 0.001 UJ	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.0009 U
Semivolatile Organic Compounds																			
Benz(a)anthracene	ug/kg	< 4 U	< 4 UJ	< 5 U	110	< 3 U	< 4 U	< 4 U	< 4 U	< 4 U	76 J	7 J	< 4 U	< 4 U	< 4 U	600	240	< 4 U	< 4 U
Benzo(a)pyrene	ug/kg	< 4 U	< 4 UJ	< 5 U	120	< 3 U	< 4 U	< 4 U	< 4 U	< 4 U	75 J	7 J	< 4 U	< 4 U	< 4 U	780	310	< 4 U	< 4 U
Benzo(b)fluoranthene	ug/kg	< 4 U	< 4 UJ	< 5 U	170	< 3 U	< 4 U	< 4 U	< 4 U	< 4 U	140	11 J	< 4 U	< 4 U	< 4 U	1400	520	< 4 U	< 4 U
Benzo(k)fluoranthene	ug/kg	< 4 U	< 4 UJ	< 5 U	74 J	< 3 U	< 4 U	< 4 U	< 4 U	< 4 U	49 J	6 J	< 4 U	< 4 U	< 4 U	490	190	< 4 U	< 4 U
Chrysene	ug/kg	< 4 U	< 4 UJ	< 5 U	120	< 3 U	< 4 U	< 4 U	< 4 U	< 4 U	90 J	8 J	< 4 U	< 4 U	< 4 U	970	370	< 4 U	4 J
Dibenz(a,h)anthracene	ug/kg	< 4 U	< 4 UJ	< 5 U	28 J	< 3 U	< 4 U	< 4 U	< 4 U	< 4 U	21 J	< 3 U	< 4 U	< 4 U	< 4 U	170	74 J	< 4 U	< 4 U
Indeno(1,2,3-cd)pyrene	ug/kg	< 4 U	< 4 UJ	< 5 U	88 J	< 3 U	< 4 U	< 4 U	< 4 U	< 4 U	78 J	6 J	< 4 U	< 4 U	< 4 U	590	260	< 4 U	< 4 U
Pesticides																			
4,4'-DDD	ug/kg	< 0.43 U	< 0.44 UJ	< 0.49 U	< 0.36 U	< 0.34 U	< 0.35 U	< 0.34 U	< 0.35 U	< 0.45 U	< 0.41 U	< 0.34 U	< 0.41 U	< 0.44 U	< 0.45 U	< 0.45 U	< 2.3 U	[5.2]	< 0.43 U
4,4'-DDE	ug/kg	< 0.43 U	< 0.44 UJ	< 0.49 U	2.6	< 0.34 U	< 0.35 U	< 0.34 U	< 0.35 U	< 0.45 U	[3.4]	0.91 J	< 0.41 U	< 0.44 U	< 0.45 U	[4.7 J]	[19]	< 0.43 U	< 0.35 U
4,4'-DDT	ug/kg	< 0.47 U	< 0.47 UJ	< 0.54 U	[5.3]	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.49 U	[4.7]	1.1 J	< 0.45 U	< 0.48 U	< 0.49 U	[14 J]	[59]	< 0.47 U	< 0.38 U
Aldrin	ug/kg	< 0.22 U	< 0.22 UJ	< 0.25 U	0.42 J	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.23 U	0.28 J	< 0.18 U	< 0.21 U	< 0.22 U	< 0.23 U	< 1.2 U	< 0.19 U	< 0.22 U	< 0.18 U
b-BHC	ug/kg	< 0.39 U	< 0.40 UJ	< 0.45 U	< 0.51 U	< 0.31 U	< 0.32 U	< 0.31 U	< 0.43 U	< 0.41 U	< 0.38 U	< 0.31 U	< 0.37 U	< 0.40 U	< 0.41 U	< 2.0 U	< 0.34 U	< 0.39 U	< 0.32 U
Heptachlor	ug/kg	< 0.22 U	< 0.22 UJ	< 0.25 U	4.8	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.23 U	2.4	< 0.18 U	< 0.21 U	< 0.22 U	< 0.23 U	12 J	0.75 J	< 0.22 U	< 0.18 U
Polychlorinated Biphenyls																			
Aroclor 1242	ug/kg	< 4.3 U	< 4.4 U	< 4.9 U	< 3.6 U	270	< 3.5 U	< 3.4 U	< 3.5 U	< 4.5 U	< 4.1 U	< 3.4 U	< 4.1 U	< 4.4 U	< 4.4 U	< 4.5 U	< 3.7 U	< 4.3 U	< 3.5 U
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/kg	ND	ND	ND	ND	270	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	ND	ND
Metals																			
Arsenic	mg/kg	11.2 J	9.26	8.24	4.49 J	6.89	4.09	12.0	9.76	12.4	7.71 J	4.49 J	10.3	9.67	10.7	6.66 J	11.8 J	[14.5 J]	7.41 J
Barium	mg/kg	251 J	226	159	52.6	121	148	80.3	165	244	94.9	43.8	159	228	259	73.7	68.7	179 J	70.6 J
Cadmium	mg/kg	0.165 J	0.148 J	0.193 J	0.173 J	0.125 J	0.122 J	0.0668 J	0.168 J	0.240	0.357	0.152 J	0.154 J	0.188 J	0.189 J	0.436	0.654	0.174 J	0.109 J
Chromium	mg/kg	28.5 J	30.2	22.6	11.0 J	20.8	25.2	29.5	26.4	32.9	22.3 J	11.1 J	28.0	32.2	34.3	23.1 J	20.0 J	32.2 J	20.3 J
Copper	mg/kg	45.2 J	37.6	33.2	23.4 J	22.3	25.2	[50.3]	35.8	38.0	37.8 J	26.5 J	42.5	42.0	41.0	33.3 J	[72.0 J]	41.1 J	34.0 J
Lead	mg/kg	27.2 J	21.1	17.9	[111]	11.7	14.6	25.4	19.3	21.2	[181]	48.5	19.8	23.0	23.8	[167]	[228]	23.0	14.3
Manganese	mg/kg	1110	810	674	441	841 J	1510 J	437 J	1020 J	920 J	837	495	1230 J	976 J	1010 J	591	746	865	751
Mercury	mg/kg	< 0.0130 U	0.0283 J	0.0225 J	0.0933 J	0.0171 J	0.0220 J	0.0546 J	0.0207 J	0.0294 J	[0.503]	[0.247]	0.0147 J	0.0225 J	0.0312 J	0.0912 J	0.0917 J	< 0.0127 U	< 0.0102 U
Nickel	mg/kg	[38.8]	[39.6]	[32.1]	16.6 J	22.0	24.2	[43.2]	[38.9]	[40.2]	28.3 J	17.3 J	[39.5]	[42.8]	[42.0]	21.8 J	29.4 J	[39.4]	[33.1]
Zinc	mg/kg	97.7	104	90.5	82.0	54.3 J	61.6 J	93.8 J	94.0 J	104 J	[153]	61.7	[112 J]	[112 J]	[111 J]	[216]	[284]	104 J	72.3 J

Table 2
Off-Site Soil Analytical Results Greater than Soil Cleanup Objectives
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW35 8/17/2017 67 - 68 ft N Subsurface Soil Saturated Off Site SG1-MW35-67.0	MW35 11/14/2017 0.1 - 0.27 ft N Surface Soil Unsaturated Off Site SG1-MW35-0.10	MW35 11/14/2017 0.27 - 1.1 ft N Near Surface Soil Unsaturated Off Site SG1-MW35-0.27	MW36 8/22/2017 11 - 12 ft N Subsurface Soil Unsaturated Off Site SG1-MW36-11.0	MW36 8/22/2017 75 - 76 ft N Subsurface Soil Saturated Off Site SG1-MW36-75.0	MW36 8/23/2017 130 - 131 ft N Subsurface Soil Saturated Off Site SG1-MW36-130.0	MW36 8/24/2017 4 - 5 ft N Subsurface Soil Unsaturated Off Site SG1-MW36-04.0	MW36 11/15/2017 0 - 0.17 ft N Surface Soil Unsaturated Off Site SG1-MW36-0.00A	MW36 11/15/2017 0.17 - 1 ft N Near Surface Soil Unsaturated Off Site SG1-MW36-0.17A	MW37 4/05/2019 16 - 17 ft N Subsurface Soil Saturated Off Site SG1-MW37-16.0	MW37 4/05/2019 0.17 - 1 ft N Near Surface Soil Unsaturated Off Site SG1-MW37-0.17-1.00A	MW38 4/08/2019 15 - 16 ft N Subsurface Soil Saturated Off Site SG1-MW38-15.0	MW39 4/10/2019 60 - 61 ft N Subsurface Soil Saturated Off Site SG1-MW39-60.0	MW39 4/10/2019 71 - 72 ft N Subsurface Soil Saturated Off Site SG1-MW39-71.0	MW39 4/11/2019 0.17 - 1 ft N Near Surface Soil Unsaturated Off Site SG1-MW39-0.17-1.00A	MW40 4/03/2019 40 - 41 ft N Subsurface Soil Saturated Off Site SG1-MW40-40.0	MW40 4/03/2019 0 - 0.17 ft N Surface Soil Unsaturated Off Site SG1-MW40-0.00-0.17A	MW40 4/03/2019 0.17 - 1 ft N Near Surface Soil Unsaturated Off Site SG1-MW40-0.17-1.00A	
Parameter	Units																			
Last Updated																				
Exceedance Key																				
Volatile Organic Compounds																				
1,2-Dichloroethylene, cis	mg/kg	< 0.0009 U	< 0.0009 U	< 0.0009 U	< 0.0009 U	< 0.001 U	< 0.0008 U	< 0.0009 U	< 0.001 U	< 0.0009 U	< 0.0004 U	< 0.0005 U	< 0.0004 U	< 0.0005 U	< 0.0004 UJ	< 0.0004 U	< 0.027 UJ	< 0.0006 U	< 0.0007 U	
Acetone	mg/kg	0.015 J	< 0.006 U	< 0.006 U	0.007 J	0.012 J	0.052	0.009 J	< 0.007 U	< 0.006 U	0.007 J	< 0.006 U	< 0.005 U	0.069	0.013 J	< 0.005 U	< 0.32 UJ	< 0.007 U	< 0.008 U	
Benzene	mg/kg	< 0.0004 U	< 0.0005 U	< 0.0004 U	< 0.0005 U	< 0.0005 U	< 0.0004 U	< 0.0004 U	< 0.0005 U	< 0.0005 U	< 0.0004 U	< 0.0005 U	< 0.0004 U	< 0.0005 U	< 0.0004 UJ	< 0.0004 U	< 0.027 UJ	< 0.0006 U	< 0.0007 U	
Methylene chloride	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 UJ	< 0.002 U	< 0.11 UJ	< 0.002 U	< 0.003 U	
Toluene	mg/kg	< 0.0009 U	< 0.0009 U	< 0.0009 U	< 0.0009 U	< 0.001 U	< 0.0008 U	< 0.0009 U	< 0.001 U	< 0.0009 U	< 0.0005 U	< 0.0006 U	< 0.0005 U	< 0.0006 U	< 0.0005 UJ	< 0.0005 U	< 0.032 UJ	< 0.0007 U	< 0.0008 U	
Trichloroethylene (TCE)	mg/kg	< 0.0009 U	< 0.0009 U	< 0.0009 U	< 0.0009 U	< 0.001 U	< 0.0008 U	< 0.0009 U	< 0.001 U	< 0.0009 U	< 0.0004 U	< 0.0005 U	< 0.0004 U	< 0.0005 U	< 0.0004 UJ	< 0.0004 U	< 0.027 UJ	< 0.0006 U	< 0.0007 U	
Semivolatile Organic Compounds																				
Benz(a)anthracene	ug/kg	< 3 U	210	22	< 4 U	< 4 U	< 4 U	< 4 U	670	350	< 7 U	400	< 7 U	< 8 UJ	< 7 U	140	< 7 U	170 J	230	
Benzo(a)pyrene	ug/kg	< 3 U	240	28	< 4 U	< 4 U	< 4 U	< 4 U	800	490	< 4 UJ	490	< 4 U	< 4 UJ	< 4 U	150	< 4 U	180 J	240	
Benzo(b)fluoranthene	ug/kg	< 3 U	340	43	< 4 U	< 4 U	< 4 U	< 4 U	1400	800	< 4 UJ	530	< 4 U	< 4 UJ	< 4 U	190	< 4 U	290	420	
Benzo(k)fluoranthene	ug/kg	< 3 U	160	20	< 4 U	< 4 U	< 4 U	< 4 U	550	300	< 4 UJ	180	< 4 U	< 4 UJ	< 4 U	83	< 4 U	110 J	120 J	
Chrysene	ug/kg	< 3 U	250	35	< 4 U	< 4 U	< 4 U	< 4 U	950	550	< 4 UJ	540	< 4 U	< 4 UJ	< 4 U	140	< 4 U	310	620	
Dibenz(a,h)anthracene	ug/kg	< 3 U	53 J	8 J	< 4 U	< 4 U	< 4 U	< 4 U	190	140	< 7 UJ	110	< 7 U	< 8 UJ	< 7 U	22	< 7 U	< 78 U	85 J	
Indeno(1,2,3-cd)pyrene	ug/kg	< 3 U	190	21	< 4 U	< 4 U	< 4 U	< 4 U	630	400	< 4 UJ	260	< 4 U	< 4 UJ	< 4 U	84	< 4 U	150 J	180 J	
Pesticides																				
4,4'-DDD	ug/kg	< 0.34 U	< 0.38 U	< 0.37 U	< 0.43 U	< 0.44 U	< 0.39 U	< 0.39 U	< 0.35 U	2.9	< 0.37 U	[4.6 J]	< 0.36 U	< 0.41 U	< 0.37 U	< 0.38 U	< 0.35 U	< 1.9 U	< 3.7 U	
4,4'-DDE	ug/kg	< 0.34 U	2.7	0.86 J	< 0.43 U	< 0.44 U	< 0.39 U	< 0.39 U	< 0.35 U	3.2	< 0.37 U	2.0 J	< 0.36 U	< 0.41 U	< 0.37 U	3.1	< 0.35 U	< 1.9 U	< 3.7 U	
4,4'-DDT	ug/kg	< 0.37 U	2.9	1.0 J	< 0.47 U	< 0.48 U	< 0.42 U	< 0.42 U	< 0.38 U	[8.7]	< 0.88 U	[7.3 J]	< 0.86 U	< 0.99 U	< 0.89 U	[3.5 J]	< 0.83 U	< 4.6 U	< 8.9 U	
Aldrin	ug/kg	< 0.18 U	< 0.20 U	< 0.19 U	< 0.22 U	< 0.23 U	< 0.20 U	< 0.20 U	< 0.18 U	< 0.19 U	< 0.19 U	< 0.91 U	< 0.18 U	< 0.21 U	< 0.19 U	< 0.19 UJ	< 0.18 U	< 1.0 U	5.5 J	
b-BHC	ug/kg	< 0.31 U	< 0.35 U	< 0.33 U	< 0.39 U	< 0.40 U	< 0.35 U	< 0.35 U	< 0.32 U	< 0.34 U	< 0.49 U	< 2.4 U	< 0.48 U	< 0.55 U	< 0.49 U	< 0.82 UJ	< 0.46 U	< 2.6 U	< 5.0 U	
Heptachlor	ug/kg	< 0.18 U	< 0.20 U	< 0.19 U	< 0.22 U	< 0.23 U	< 0.20 U	< 0.20 U	< 0.18 U	< 0.19 U	< 0.34 U	< 1.7 U	< 0.34 U	< 0.39 U	< 0.35 U	< 0.36 UJ	< 0.32 U	< 1.8 U	< 3.5 U	
Polychlorinated Biphenyls																				
Aroclor 1242	ug/kg	< 3.4 U	< 3.8 U	< 3.7 U	< 4.2 U	< 4.3 U	< 3.9 U	< 3.9 U	< 3.5 U	< 3.7 U	< 3.7 UJ	< 3.5 U	< 3.6 U	< 4.1 U	< 3.7 U	< 3.8 U	< 3.5 U	< 3.9 U	< 3.7 U	
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Metals																				
Arsenic	mg/kg	6.44 J	7.10 J	8.94 J	[21.7 J]	10.9 J	8.18 J	10.4 J	3.46 J	4.09 J	10.0	6.99	10.5	9.51	[20.4]	7.45	7.95	3.03	[21.2]	
Barium	mg/kg	112 J	101	52.4	273 J	282 J	118 J	105 J	24.6 J	33.0 J	63.0 J	51.4 J	83.2	260	43.6	72.2	60.9	32.7	110	
Cadmium	mg/kg	0.118 J	0.276	0.169 J	0.183 J	0.199 J	0.146 J	0.141 J	0.103 J	0.278	0.0731 J	0.313 J	0.191 J	0.442	0.151 J	0.216	0.0875 J	0.0671 J	0.114 J	
Chromium	mg/kg	34.4 J	14.4 J	19.7 J	24.2 J	29.4 J	23.0 J	24.2 J	14.1 J	9.94 J	20.4	17.4	20.8	33.2	25.2	14.9	10.3	7.74	18.0	
Copper	mg/kg	25.2 J	[69.0 J]	[125 J]	37.0 J	34.0 J	31.8 J	38.1 J	14.6 J	17.1 J	31.4 J	16.0 J	36.1	42.8	[65.7]	21.1	37.9	15.0	32.3	
Lead	mg/kg	12.4	[88.5]	47.4	19.4 J	20.6 J	17.6 J	19.3 J	15.1 J	42.2 J	17.4	34.4	14.6	21.3	29.8	58.4	14.5	[79.1]	54.5	
Manganese	mg/kg	635	511	620	[3330 J]	764 J	771 J	395 J	219	330	602 J	381 J	742	1130	792	519	764	124	186	
Mercury	mg/kg	< 0.0098 U	0.156	0.108 J	< 0.0128 U	0.0271 J	< 0.0118 U	0.0214 J	< 0.0103 U	0.0502 J	< 0.0330 U	0.0633 J	< 0.0314 U	0.0398 J	< 0.0324 U	0.0546 J	< 0.0326 U	0.124 J	0.0382 J	
Nickel	mg/kg	23.8	20.7 J	[34.2 J]	[39.3 J]	[34.4 J]	[32.8 J]	[36.8 J]	13.6 J	12.1 J	[31.2]	18.3	[35.2]	[39.0]	[48.6]	21.6	[38.6]	12.6	15.2	
Zinc	mg/kg	60.2 J	105	89.4	89.1 J	90.6 J	70.9 J	78.6 J	52.6	71.7	82.3	79.3	70.1	109	94.9	85.4	77.9	27.8	31.4	

Table 2
Off-Site Soil Analytical Results Greater than Soil Cleanup Objectives
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW41 1/16/2019 0.17 - 1 ft N Near Surface Soil Unsaturated Off Site SG1-MW41- 0.17-1.00A	PZ01 8/24/2017 9 - 10 ft N Subsurface Soil Saturated Off Site SG1-PZ01-9.0	PZ01 8/24/2017 25 - 26 ft N Subsurface Soil Saturated Off Site SG1-PZ01- 25.0	PZ01 11/08/2017 0 - 0.17 ft N Surface Soil Unsaturated Off Site SG1-PZ01- 0.00A	PZ01 11/08/2017 0.17 - 1 ft N Near Surface Soil Unsaturated Off Site SG1-PZ01- 0.17A	PZ02 8/25/2017 1.5 - 2.5 ft N Subsurface Soil Unsaturated Off Site SG1-PZ02-1.5	PZ02 11/08/2017 0.25 - 0.42 ft N Surface Soil Unsaturated Off Site SG1-PZ02- 0.25	PZ02 11/08/2017 0.42 - 1.25 ft N Near Surface Soil Unsaturated Off Site SG1-PZ02- 0.42		0.42 - 1.25 ft FD Near Surface Soil Unsaturated Off Site SG1-FD01- 171108A	PZ03 8/28/2017 6.7 - 7.7 ft N Subsurface Soil Saturated Off Site SG1-PZ03-6.7- 170828
Parameter	Units											
Last Updated												
Exceedance Key												
Volatile Organic Compounds												
1,2-Dichloroethylene, cis	mg/kg	< 0.0005 U	< 0.001 U	< 0.0009 UJ	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Acetone	mg/kg	< 0.007 U	< 0.008 U	< 0.006 UJ	< 0.01 U	< 0.009 U	< 0.008 U	< 0.009 U	< 0.009 U	< 0.009 U	< 0.009 U	0.075
Benzene	mg/kg	< 0.0005 U	< 0.0006 U	< 0.0004 UJ	< 0.0007 U	< 0.0007 U	< 0.0006 U	< 0.0007 U	< 0.0007 U	< 0.0006 U	< 0.0006 U	< 0.0007 U
Methylene chloride	mg/kg	0.052	< 0.002 U	< 0.002 UJ	< 0.003 U	< 0.003 U	< 0.002 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U
Toluene	mg/kg	< 0.0007 U	< 0.001 U	< 0.0009 UJ	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Trichloroethylene (TCE)	mg/kg	< 0.0005 U	< 0.001 U	< 0.0009 UJ	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Semivolatile Organic Compounds												
Benz(a)anthracene	ug/kg	--	< 4 U	< 4 U	120	76	52	160	100	110	110	< 5 U
Benzo(a)pyrene	ug/kg	--	< 4 U	< 4 U	160	82	62	200	130	140	140	< 5 U
Benzo(b)fluoranthene	ug/kg	--	< 4 U	< 4 U	210	110	80	280	180	200	200	< 5 U
Benzo(k)fluoranthene	ug/kg	--	< 4 U	< 4 U	79	44	33	91	61	74	74	< 5 U
Chrysene	ug/kg	--	< 4 U	< 4 U	160	87	75	200	140	170	170	< 5 U
Dibenz(a,h)anthracene	ug/kg	--	< 4 U	< 4 U	31	22	14 J	37	24	31	31	< 5 U
Indeno(1,2,3-cd)pyrene	ug/kg	--	< 4 U	< 4 U	110	54	35	100	66	81	81	< 5 U
Pesticides												
4,4'-DDD	ug/kg	--	< 0.39 U	< 0.36 U	< 2.3 U	< 0.42 U	< 0.42 U	< 0.49 U	< 0.43 U	< 0.43 U	< 0.43 U	< 0.47 U
4,4'-DDE	ug/kg	--	< 0.39 U	< 0.36 U	< 2.3 U	< 0.42 U	< 0.42 U	< 0.49 U	< 0.43 U	< 0.43 U	< 0.43 U	< 0.47 U
4,4'-DDT	ug/kg	--	< 0.42 U	< 0.39 U	[5.4 J]	< 0.46 U	< 0.45 U	2.2 J	< 0.47 U	< 0.47 U	< 0.47 U	< 0.51 U
Aldrin	ug/kg	--	< 0.20 U	< 0.18 U	< 1.2 U	< 0.22 U	< 0.21 U	< 0.25 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.24 U
b-BHC	ug/kg	--	< 0.35 U	< 0.32 U	< 2.1 U	< 0.38 U	< 0.38 U	< 0.45 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.42 U
Heptachlor	ug/kg	--	< 0.20 U	< 0.18 U	< 1.2 U	< 0.27 U	< 0.21 U	1.2 J	< 0.22 U	0.27 J	0.27 J	< 0.28 U
Polychlorinated Biphenyls												
Aroclor 1242	ug/kg	--	< 3.9 U	< 3.6 U	< 4.7 U	< 4.2 U	< 4.2 U	< 4.9 U	< 4.3 U	< 4.3 U	< 4.3 U	< 4.7 U
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/kg	--	ND	ND	13	ND	ND	ND	ND	ND	ND	ND
Metals												
Arsenic	mg/kg	--	8.28 J	8.77 J	9.90	9.92	12.4	11.4	11.0	10.8	10.8	4.86 J
Barium	mg/kg	--	131 J	82.2 J	109	96.2	113	115	117	112	112	60.0 J
Cadmium	mg/kg	--	0.0752 J	0.0837 J	0.614 J	0.416 J	0.296	0.657 J	0.466 J	0.478 J	0.478 J	0.113 J
Chromium	mg/kg	--	35.3 J	18.2 J	36.2 J	26.4 J	27.8	[45.5 J]	32.1 J	33.6 J	33.6 J	14.9 J
Copper	mg/kg	--	49.9 J	30.5 J	36.1 J	32.8 J	31.3	43.9 J	39.3 J	36.4 J	36.4 J	17.2 J
Lead	mg/kg	--	16.2 J	14.7 J	41.2	32.4	49.1	[66.6]	[80.5]	[71.5]	[71.5]	9.79 J
Manganese	mg/kg	--	1120 J	587 J	1080	1010	892	1160	970	927	927	295
Mercury	mg/kg	--	< 0.0115 U	< 0.0105 U	[0.318 J]	[0.219 J]	[0.215]	[0.466 J]	[0.393 J]	[0.420 J]	[0.420 J]	< 0.0137 U
Nickel	mg/kg	--	22.0 J	[34.0 J]	[31.6 J]	30.0 J	27.5	[32.9 J]	29.0 J	28.1 J	28.1 J	22.6 J
Zinc	mg/kg	--	57.3 J	76.6 J	[137]	[111]	109	[154]	[144]	[142]	[142]	70.2 J

Table 2
Off-Site Soil Analytical Results Greater than Soil Cleanup Objectives
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		PZ03	PZ03	PZ04	PZ04	PZ04	PZ04	PZ04	PZ05	PZ06		PZ06	PZ06	PZ06	PZ07	PZ07	PZ08	PZ08		PZ09
		11/09/2017	11/09/2017	8/28/2017	8/28/2017	11/09/2017	11/09/2017	11/10/2017	8/30/2017		8/30/2017	11/03/2017	11/03/2017	11/09/2017	11/09/2017	11/10/2017	11/10/2017		9/06/2017	
		0.04 - 0.21 ft	0.21 - 1.04 ft	7 - 8 ft	3.5 - 4.5 ft	0.22 - 0.39 ft	0.39 - 1.22 ft	0 - 0.17 ft	3.5 - 4.5 ft	3.5 - 4.5 ft	10 - 11 ft	0 - 0.17 ft	0.17 - 1 ft	0 - 0.17 ft	0.17 - 1 ft	0 - 0.17 ft	0.17 - 1 ft	0.17 - 1 ft	7 - 8 ft	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Surface Soil	Near Surface Soil	Subsurface Soil	Subsurface Soil	Surface Soil	Near Surface Soil	Surface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Surface Soil	Near Surface Soil	Surface Soil	Near Surface Soil	Surface Soil	Near Surface Soil	Surface Soil	Near Surface Soil	FD Near Surface Soil
		Unsaturated	Unsaturated	Saturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Saturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated	Unsaturated
		Off Site SG1-PZ03-0.04	Off Site SG1-PZ03-0.21	Off Site SG1-PZ04-7.0-170828	Off Site SG1-PZ04-3.5-170828	Off Site SG1-PZ04-0.22	Off Site SG1-PZ04-0.39	Off Site SG1-PZ05-0.00A	Off Site SG1-PZ06-03.5	Off Site SG1-FD01PZ-170830	Off Site SG1-PZ06-10.0	Off Site SG1-PZ06-0.00A	Off Site SG1-PZ06-0.17A	Off Site SG1-PZ07-0.00A	Off Site SG1-PZ07-0.17A	Off Site SG1-PZ08-0.00A	Off Site SG1-PZ08-0.17A	Off Site SG1-FD01-171110A	Off Site SG1-PZ09-7.0	
Parameter	Units																			
Last Updated																				
Exceedance Key																				
Volatile Organic Compounds																				
1,2-Dichloroethylene, cis	mg/kg	< 0.002 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.061 U	< 0.001 U	< 0.001 U	
Acetone	mg/kg	< 0.011 U	< 0.008 U	< 0.007 U	< 0.008 U	< 0.010 U	< 0.008 U	0.027	< 0.009 U	< 0.009 U	< 0.008 U	< 0.009 U	< 0.009 U	< 0.009 U	0.24	0.29	< 0.43 U	0.009 J	0.014 J	
Benzene	mg/kg	< 0.0008 U	< 0.0006 U	< 0.0005 U	< 0.0006 U	< 0.0007 U	< 0.0006 U	< 0.0007 U	< 0.0007 U	< 0.0006 U	< 0.0006 U	< 0.0007 U	< 0.0006 U	< 0.0006 U	< 0.0007 U	< 0.0006 U	< 0.030 U	< 0.0006 U	< 0.0005 U	
Methylene chloride	mg/kg	< 0.003 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.003 U	< 0.002 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.002 U	< 0.003 U	< 0.002 U	< 0.003 U	< 0.002 U	< 0.002 U	< 0.12 U	< 0.002 U	< 0.002 U	
Toluene	mg/kg	< 0.002 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.061 U	< 0.001 U	< 0.001 U	
Trichloroethylene (TCE)	mg/kg	< 0.002 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.061 U	< 0.001 U	< 0.001 U	
Semivolatile Organic Compounds																				
Benz(a)anthracene	ug/kg	60	130	< 4 U	12 J	180	69	84	250	200	< 4 U	5600	680	79	56	13 J	11 J	14 J	< 4 U	
Benzo(a)pyrene	ug/kg	74	180	< 4 U	17 J	270	100	95	240	200	< 4 U	4000	670	90	78	15 J	14 J	17 J	< 4 U	
Benzo(b)fluoranthene	ug/kg	120	240	< 4 U	23 J	440	150	140	310	240	< 4 U	5800	940	130	100	24	20 J	22	< 4 U	
Benzo(k)fluoranthene	ug/kg	37	86	< 4 U	10 J	190	58	55	130	100	< 4 U	2100	320	61	51	8 J	8 J	8 J	< 4 U	
Chrysene	ug/kg	79	160	< 4 U	17 J	250	100	100	220	180	< 4 U	5400	670	110	68	16 J	15 J	20 J	< 4 U	
Dibenz(a,h)anthracene	ug/kg	12 J	35	< 4 U	< 5 U	55	21 J	17 J	42	35	< 4 U	450	81 J	23	16 J	< 5 U	< 4 U	< 4 U	< 4 U	
Indeno(1,2,3-cd)pyrene	ug/kg	39	98	< 4 U	7 J	190	60	65	110	110	< 4 U	2200	440	62	48	12 J	10 J	11 J	< 4 U	
Pesticides																				
4,4'-DDD	ug/kg	< 2.7 U	< 0.48 U	< 0.42 U	< 0.45 U	< 2.7 U	< 0.45 U	< 2.4 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.46 U	0.54 J	< 2.2 U	< 0.41 U	< 0.45 U	< 0.42 U	< 0.42 U	< 0.36 UJ	
4,4'-DDE	ug/kg	< 2.7 U	< 0.48 U	< 0.42 U	< 0.45 U	< 2.7 U	< 1.1 U	< 2.4 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.46 U	< 0.35 U	< 2.2 U	< 0.41 U	< 1.1 U	1.2 J	0.87 J	< 0.36 UJ	
4,4'-DDT	ug/kg	< 3.0 U	< 0.52 U	< 0.46 U	< 0.49 U	3.2 J	1.0 J	[8.0 J]	< 0.48 U	< 0.48 U	< 0.48 U	1.7 J	1.5 J	[4.0 J]	1.1 J	< 0.49 U	< 0.46 U	< 0.46 U	< 0.40 UJ	
Aldrin	ug/kg	< 1.4 U	< 0.25 U	< 0.22 U	0.28 J	< 1.4 U	< 0.23 U	< 1.2 U	< 0.23 U	< 0.23 U	< 0.23 U	< 1.2 U	< 0.18 U	< 1.2 U	< 0.21 U	< 0.23 U	< 0.22 U	< 0.22 U	< 0.19 UJ	
b-BHC	ug/kg	< 2.5 U	< 0.43 U	< 0.38 U	< 0.41 U	< 2.4 U	< 0.41 U	< 2.2 U	< 0.40 U	< 0.40 U	< 0.40 U	< 2.1 U	< 0.53 U	3.3 J	< 0.38 U	< 0.41 U	< 0.39 U	< 0.38 U	< 0.33 UJ	
Heptachlor	ug/kg	< 1.4 U	0.52 J	< 0.22 U	0.54 J	3.6 J	0.64 J	< 22 U	< 0.61 U	< 0.79 U	< 0.23 U	< 2.8 U	< 0.53 U	16	0.45 J	0.38 J	< 0.22 U	< 0.22 U	< 0.19 UJ	
Polychlorinated Biphenyls																				
Aroclor 1242	ug/kg	< 5.5 U	< 4.8 U	< 4.2 U	< 4.5 U	< 5.3 U	< 4.5 U	< 4.8 U	< 4.4 U	< 4.4 U	< 4.4 U	< 4.6 U	< 3.5 U	< 4.5 U	< 4.1 U	< 4.5 U	< 4.2 U	< 4.2 U	< 3.6 U	
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/kg	ND	ND	ND	ND	9.1	ND	ND	ND	ND	ND	ND	9.4	ND	ND	ND	ND	ND	ND	
Metals																				
Arsenic	mg/kg	11.1	12.4	[14.1 J]	[16.8 J]	11.7	11.1	9.87	8.69 J	8.75 J	8.21 J	11.0	[14.2]	11.1	10.4	10.0	10.6	10.7	7.99 J	
Barium	mg/kg	126	117	163 J	106 J	158	117	99.3	154 J	156 J	142 J	117	102	131	122	123	127	118	90.9 J	
Cadmium	mg/kg	0.609 J	0.593 J	0.205 J	0.408	0.744 J	0.558 J	0.549 J	0.456	0.353	0.187 J	2.23	2.47	0.700 J	0.505 J	0.260 J	0.241 J	0.253 J	0.198	
Chromium	mg/kg	32.4	[47.3]	21.2 J	24.3 J	31.0	33.0	34.4	23.6 J	23.9 J	27.1 J	21.8	21.8	31.3	30.5	22.6	22.7	22.0	20.1 J	
Copper	mg/kg	41.3	45.3	25.6 J	30.1 J	46.9	37.9	34.8	39.1 J	37.2 J	28.9 J	40.6	41.9	30.6	30.9	32.1	30.7	31.1	29.4 J	
Lead	mg/kg	38.5	53.5	13.6 J	28.8 J	57.1	48.2	42.1	[87.6]	[75.0]	15.0	[95.4]	[86.3]	56.7	51.3	33.3	30.7	27.8	16.4	
Manganese	mg/kg	1220	1090	919	720	948	874	955	520 J	516 J	611 J	785	857	1220	1180	1280	1360	1240	886 J	
Mercury	mg/kg	0.163 J	[0.365 J]	< 0.0119 U	0.109 J	0.178 J	[0.223 J]	[0.234 J]	[0.388]	[0.445]	< 0.0123 U	[0.347 J]	[0.449 J]	[0.249 J]	[0.195 J]	0.0661 J	0.0605 J	0.0619 J	0.0176 J	
Nickel	mg/kg	[35.6]	[35.1]	29.5 J	29.0 J	[37.4]	[32.4]	29.9	[30.7 J]	[30.4 J]	[30.7 J]	28.6	[31.7]	[31.1]	[32.3]	[32.5]	[32.3]	[32.8]	[32.1 J]	
Zinc	mg/kg	[127]	[146]	77.1 J	[122 J]	[210]	[144]	[131]	[117]	107	83.0	[162]	[144]	[126]	[115]	95.2	99.9	92.6	69.9	

Table 2
Off-Site Soil Analytical Results Greater than Soil Cleanup Objectives
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		PZ09 9/06/2017 12 - 13 ft N Subsurface Soil Saturated Off Site SG1-PZ09- 12.0	PZ09 11/07/2017 0 - 0.17 ft N Surface Soil Unsaturated Off Site SG1-PZ09- 0.00A	PZ09 11/07/2017 0.17 - 1 ft N Near Surface Soil Unsaturated Off Site SG1-PZ09- 0.17A	PZ10 9/06/2017 5.5 - 6.5 ft N Subsurface Soil Unsaturated Off Site SG1-PZ10-5.5	PZ10 11/07/2017 0 - 0.17 ft N Surface Soil Unsaturated Off Site SG1-PZ10- 0.00A	PZ10 11/07/2017 0.17 - 1 ft N Near Surface Soil Unsaturated Off Site SG1-PZ10- 0.17A	PZ11 9/07/2017 4.7 - 5.7 ft N Subsurface Soil Unsaturated Off Site SG1-PZ11-4.7	PZ11 9/07/2017 14 - 15 ft N Subsurface Soil Saturated Off Site SG1-PZ11- 14.0	PZ11 11/07/2017 0 - 0.17 ft N Surface Soil Unsaturated Off Site SG1-PZ11- 0.00A	PZ11 11/07/2017 0.17 - 1 ft N Near Surface Soil Unsaturated Off Site SG1-PZ11- 0.17A	PZ12 11/06/2017 0 - 0.17 ft N Surface Soil Unsaturated Off Site SG1-PZ12- 0.00A	SB01 9/22/2016 0.2 - 0.37 ft N Surface Soil Unsaturated Off Site SG1-SB01- 00.2	SB01 9/22/2016 0.37 - 1.2 ft N Near Surface Soil Unsaturated Off Site SG1-SB01- 00.37	SB01 9/28/2016 3.5 - 4.5 ft N Subsurface Soil Unsaturated Off Site SG1-SB01- 03.5	SB01 9/28/2016 8 - 9 ft N Subsurface Soil Unsaturated Off Site SG1-SB01- 08.0	SB01 9/28/2016 6 - 7 ft N Subsurface Soil Unsaturated Off Site SG1-SB01- 06.0		6 - 7 ft FD Subsurface Soil Unsaturated Off Site SG1-FD01- 160928	SB01 9/28/2016 13.5 - 14.5 ft N Subsurface Soil Saturated Off Site SG1-SB01- 13.5
Parameter	Units																			
Last Updated																				
Exceedance Key																				
Volatile Organic Compounds																				
1,2-Dichloroethylene, cis	mg/kg	< 0.001 U	< 0.001 U	< 0.0009 U	< 0.001 U	< 0.0009 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.0009 U	< 0.001 U	< 0.001 UJ	< 0.001 UJ	< 0.0009 UJ	< 0.001 UJ	< 0.001 UJ	< 0.001 UJ	< 0.001 UJ	< 0.0008 UJ
Acetone	mg/kg	< 0.008 U	< 0.008 U	< 0.006 U	< 0.007 U	< 0.007 U	< 0.007 U	< 0.008 U	< 0.008 U	< 0.007 U	< 0.006 U	< 0.007 U	0.016 J	< 0.007 UJ	< 0.007 UJ	< 0.007 UJ	< 0.007 UJ	< 0.009 UJ	< 0.009 UJ	< 0.006 UJ
Benzene	mg/kg	< 0.0006 U	< 0.0006 U	< 0.0005 U	< 0.0005 U	< 0.0005 U	< 0.0005 U	< 0.0005 U	< 0.0005 U	< 0.0005 U	< 0.0004 U	< 0.0005 U	< 0.0005 UJ	< 0.0005 UJ	< 0.0005 UJ	< 0.0005 UJ	< 0.0005 UJ	< 0.0006 UJ	< 0.0006 UJ	< 0.0004 UJ
Methylene chloride	mg/kg	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	0.003 J	< 0.002 U	< 0.002 UJ	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ
Toluene	mg/kg	< 0.001 U	< 0.001 U	< 0.0009 U	< 0.001 U	< 0.0009 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.0009 U	< 0.001 U	< 0.001 UJ	< 0.001 UJ	< 0.001 UJ	< 0.0009 UJ	< 0.001 UJ	< 0.001 UJ	< 0.001 UJ	< 0.0008 UJ
Trichloroethylene (TCE)	mg/kg	< 0.001 U	< 0.001 U	< 0.0009 U	< 0.001 U	< 0.0009 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.0009 U	< 0.001 U	< 0.001 UJ	< 0.001 UJ	< 0.001 UJ	< 0.0009 UJ	< 0.001 UJ	< 0.001 UJ	< 0.001 UJ	0.005 J
Semivolatile Organic Compounds																				
Benz(a)anthracene	ug/kg	< 4 U	53	29	< 4 U	11 J	13 J	8 J	< 4 U	32	18 J	18 J	5 J	< 4 U	250	< 4 U	200	240	< 4 U	
Benzo(a)pyrene	ug/kg	< 4 U	70	36	< 4 U	17 J	17 J	14 J	< 4 U	38	28	19 J	9 J	5 J	280	< 4 U	210	250	< 4 U	
Benzo(b)fluoranthene	ug/kg	< 4 U	95	47	< 4 U	20	22 J	23	< 4 U	53	31	25	11 J	6 J	410	6 J	300	400	< 4 U	
Benzo(k)fluoranthene	ug/kg	< 4 U	47	22	< 4 U	9 J	13 J	10 J	< 4 U	22	19	14 J	< 4 U	< 4 U	140	< 4 U	150	150	< 4 U	
Chrysene	ug/kg	< 4 U	68	37	< 4 U	15 J	14 J	18 J	< 4 U	35	24	19 J	9 J	5 J	300	4 J	240	290	< 4 U	
Dibenz(a,h)anthracene	ug/kg	< 4 U	14 J	8 J	< 4 U	7 J	4 J	< 4 U	< 4 U	9 J	5 J	6 J	< 4 U	< 4 U	55 J	< 4 U	54 J	49 J	< 4 U	
Indeno(1,2,3-cd)pyrene	ug/kg	< 4 U	42	22	< 4 U	13 J	9 J	11 J	< 4 U	21	20	12 J	6 J	< 4 U	160	< 4 U	130	160	< 4 U	
Pesticides																				
4,4'-DDD	ug/kg	< 0.44 U	< 2.1 U	< 0.36 U	< 0.42 U	< 0.37 U	< 0.36 U	< 0.42 U	< 0.44 U	< 0.38 U	< 0.37 U	< 0.37 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.40 U	< 0.43 U	< 0.43 U	< 0.40 U
4,4'-DDE	ug/kg	< 0.44 U	< 2.1 U	< 0.36 U	< 0.42 U	< 0.41 U	< 0.36 U	< 0.42 U	< 0.44 U	< 0.38 U	< 0.37 U	< 0.37 U	< 0.40 U	< 0.40 U	2.1	< 0.40 U	1.8 J	1.8 J	< 0.40 U	
4,4'-DDT	ug/kg	< 0.48 U	< 2.3 U	< 0.40 U	< 0.46 U	< 0.41 U	< 0.39 U	< 0.46 U	< 0.48 U	< 0.42 U	< 0.40 U	< 0.40 U	< 0.42 U	< 0.42 U	[4.5]	< 0.43 U	2.0 J	2.1 J	< 0.42 U	
Aldrin	ug/kg	< 0.23 U	< 1.1 U	< 0.19 U	< 0.22 U	< 0.19 U	< 0.19 U	< 0.22 U	< 0.22 U	< 0.20 U	< 0.19 U	< 0.19 U	< 0.21 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U	0.36 J	< 0.22 U	< 0.21 U
b-BHC	ug/kg	< 0.40 U	< 1.9 U	< 0.33 U	< 0.38 U	< 0.34 U	< 0.33 U	< 0.38 U	< 0.40 U	< 0.35 U	< 0.33 U	< 0.34 U	< 0.36 U	< 0.36 U	< 0.36 U	< 0.36 U	< 0.37 U	< 1.7 U	< 0.39 U	< 0.36 U
Heptachlor	ug/kg	< 0.23 U	< 1.4 U	< 0.19 U	< 0.22 U	0.30 J	< 0.19 U	0.45 J	< 0.22 U	0.49 J	< 0.19 U	< 0.19 U	< 0.21 U	< 0.20 U	0.41 J	< 0.21 U	0.53 J	0.79 J	< 0.21 U	
Polychlorinated Biphenyls																				
Aroclor 1242	ug/kg	< 4.4 U	< 4.2 U	< 3.6 U	< 4.2 U	< 3.7 U	< 3.6 U	< 4.2 U	< 4.4 U	< 3.8 U	< 3.7 U	< 3.7 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.2 U	< 4.3 U	< 4.0 U
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																				
Arsenic	mg/kg	6.54 J	10.2	8.20	9.05 J	7.16	7.10	8.06 J	8.65 J	7.94	8.34	6.92	7.87 J	10.6 J	0.222 J	12.0 J	[16.2 J]	[16.8 J]		8.55 J
Barium	mg/kg	221 J	97.2	93.2	132 J	53.5	63.0	110 J	191 J	74.0	79.0	67.8	84.2	118	34.4 J	119 J	320 J	236 J		65.1 J
Cadmium	mg/kg	0.141 J	0.285 J	0.210 J	0.235	0.213 J	0.197 J	0.329	0.133 J	0.292 J	0.262 J	0.263	0.340 J	0.247 J	0.0642 J	1.25 J	[4.91 J]	[5.52 J]		0.321 J
Chromium	mg/kg	27.0 J	24.9 J	23.5 J	20.3 J	18.2 J	17.8 J	22.3 J	21.9 J	20.2 J	20.6 J	20.7	19.0 J	26.1 J	1.48 J	25.0 J	[54.5 J]	[58.8 J]		23.5 J
Copper	mg/kg	33.1 J	32.4 J	30.4 J	35.2 J	27.3 J	25.0 J	35.7 J	32.5 J	31.0 J	29.7 J	26.0	30.9 J	35.8 J	24.5 J	30.5 J	[238 J]	[268 J]		39.6 J
Lead	mg/kg	19.2	38.4	21.0	19.2	24.0	23.0	23.5 J	16.1 J	27.5	32.2	33.3	21.1 J	23.8 J	3.55 J	22.5 J	[1010 J]	[3290 J]		16.9 J
Manganese	mg/kg	586 J	1010	907	1410 J	873	932	1210 J	1090 J	904	883	724	800 J	1080 J	934	511	624	633		193
Mercury	mg/kg	< 0.0129 U	0.152 J	0.0774 J	0.0298 J	0.0315 J	0.0274 J	0.0570 J	< 0.0123 U	0.0661 J	0.0805 J	0.0395 J	0.0427 J	0.0383 J	[0.318]	0.0402 J	[0.448]	[0.483]		0.0131 J
Nickel	mg/kg	[36.6 J]	[31.0 J]	[33.5 J]	[33.7 J]	[30.7 J]	[31.1 J]	[31.8 J]	[30.6 J]	[31.5 J]	[31.1 J]	[31.4]	[32.3 J]	[38.7 J]	1.24 J	[32.7 J]	[45.5 J]	[44.7 J]		[38.0 J]
Zinc	mg/kg	87.8	94.8	73.1	85.0	99.8	78.4	85.4 J	85.7 J	89.1	87.9	89.5	98.2 J	96.4 J	[1720]	[205]	[471]	[584]		91.6

Table 2
Off-Site Soil Analytical Results Greater than Soil Cleanup Objectives
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		SB01 9/28/2016 24.5 - 25.5 ft N Subsurface Soil Saturated Off Site SG1-SB01-24.5	SB02 9/22/2016 0.3 - 0.47 ft N Surface Soil Unsaturated Off Site SG1-SB02-00.3	SB02 9/22/2016 0.47 - 1.3 ft N Near Surface Soil Unsaturated Off Site SG1-SB02-00.47	SB02 9/29/2016 2 - 3 ft N Subsurface Soil Unsaturated Off Site SG1-SB02-02.0	SB02 9/29/2016 4 - 5 ft N Subsurface Soil Saturated Off Site SG1-SB02-04.0	SB02 9/29/2016 16.5 - 17.5 ft N Subsurface Soil Saturated Off Site SG1-SB02-16.5	SB02 9/29/2016 17.5 - 18.5 ft N Subsurface Soil Saturated Off Site SG1-SB02-17.5	SS15 10/04/2016 0.15 - 0.32 ft N Surface Soil Unsaturated Off Site SG1-SS15-00.15	SS15 10/04/2016 0.32 - 1.15 ft N Near Surface Soil Unsaturated Off Site SG1-SS15-00.32	SS16 10/04/2016 0.22 - 0.39 ft N Surface Soil Unsaturated Off Site SG1-SS16-00.22		0.22 - 0.39 ft FD Surface Soil Unsaturated Off Site SG1-FD01B-161004	SS16 10/04/2016 0.39 - 1.22 ft N Near Surface Soil Unsaturated Off Site SG1-SS16-00.39
Parameter	Units													
Last Updated														
Exceedance Key														
Volatile Organic Compounds														
1,2-Dichloroethylene, cis	mg/kg	< 0.0008 UJ	< 0.001 R	< 0.001 R	< 0.001 UJ	< 0.001 UJ	< 0.0009 UJ	< 0.001 R	< 0.001 UJ	< 0.001 UJ	< 0.070 U	< 0.056 U	< 0.001 UJ	
Acetone	mg/kg	< 0.006 UJ	< 0.01 R	< 0.009 R	< 0.008 UJ	< 0.007 UJ	0.012 J	0.048 J	< 0.008 UJ	< 0.007 UJ	< 0.49 U	< 0.39 U	< 0.008 UJ	
Benzene	mg/kg	< 0.0004 UJ	< 0.0007 R	< 0.0006 R	< 0.0006 UJ	< 0.0005 UJ	< 0.0005 UJ	< 0.0005 R	< 0.0006 UJ	< 0.0005 UJ	< 0.035 U	< 0.028 U	< 0.0005 UJ	
Methylene chloride	mg/kg	< 0.002 UJ	< 0.003 R	< 0.003 R	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	< 0.002 R	< 0.002 UJ	< 0.002 UJ	< 0.14 U	< 0.11 U	< 0.002 UJ	
Toluene	mg/kg	< 0.0008 UJ	< 0.001 R	< 0.001 R	< 0.001 UJ	< 0.001 UJ	< 0.0009 UJ	< 0.001 UJ	< 0.001 UJ	< 0.001 UJ	< 0.070 U	< 0.056 U	< 0.001 UJ	
Trichloroethylene (TCE)	mg/kg	< 0.0008 UJ	< 0.001 R	< 0.001 R	< 0.001 UJ	< 0.001 UJ	< 0.0009 UJ	< 0.001 R	< 0.001 UJ	< 0.001 UJ	< 0.070 U	< 0.056 U	< 0.001 UJ	
Semivolatile Organic Compounds														
Benz(a)anthracene	ug/kg	< 4 U	190	250	39	< 5 U	< 4 U	< 3 UJ	330	320 J	97 J	160 J	210	
Benzo(a)pyrene	ug/kg	< 4 U	280	290	53	< 5 U	< 4 U	< 3 UJ	360	330 J	110	160	230	
Benzo(b)fluoranthene	ug/kg	< 4 U	420	390	87	< 5 U	< 4 U	< 3 UJ	470	420 J	140	180	290	
Benzo(k)fluoranthene	ug/kg	< 4 U	160	160	42	< 5 U	< 4 U	< 3 UJ	170	160 J	57	98	120	
Chrysene	ug/kg	< 4 U	310	300	71	< 5 U	< 4 U	< 3 UJ	360	360 J	110 J	170 J	240	
Dibenz(a,h)anthracene	ug/kg	< 4 U	60	59	10 J	< 5 U	< 4 U	< 3 UJ	63	66 J	20 J	31	43	
Indeno(1,2,3-cd)pyrene	ug/kg	< 4 U	210	190	41	< 5 U	< 4 U	< 3 UJ	190	180 J	62	82	130	
Pesticides														
4,4'-DDD	ug/kg	< 0.40 U	< 0.51 U	< 0.48 U	< 0.46 U	< 0.46 U	< 0.41 U	< 0.35 U	< 0.40 U	< 0.39 UJ	< 0.39 U	< 0.61 U	< 0.54 U	
4,4'-DDE	ug/kg	< 0.40 U	0.68 J	< 0.48 U	< 0.46 U	< 0.46 U	< 0.41 U	< 0.35 U	< 0.40 U	< 0.39 UJ	0.94 J	0.56 J	< 0.41 U	
4,4'-DDT	ug/kg	< 0.42 U	1.8 J	0.54 J	< 0.49 U	< 0.48 U	< 0.44 U	< 0.37 U	2.0 J	1.2 J	1.5 J	1.9 J	2.6	
Aldrin	ug/kg	< 0.20 U	< 0.26 U	< 0.25 U	< 0.24 U	< 0.23 U	< 0.21 U	< 0.18 U	< 0.21 U	< 0.20 U	< 0.20 U	< 0.21 U	< 0.21 U	
b-BHC	ug/kg	< 0.36 U	< 0.47 U	< 0.44 U	< 0.42 U	< 0.41 U	< 0.38 U	< 0.32 U	< 0.37 U	7.2 J	< 0.36 U	1.3	< 0.37 U	
Heptachlor	ug/kg	< 0.20 U	< 0.39 U	< 0.25 U	< 0.24 U	< 0.23 U	< 0.21 U	< 0.18 U	1.2	< 0.83 UJ	< 0.69 U	< 0.85 U	1.2	
Polychlorinated Biphenyls														
Aroclor 1242	ug/kg	< 3.9 U	< 5.1 U	< 4.8 U	< 4.6 U	< 4.5 U	< 4.1 U	< 3.5 UJ	< 4.0 U	< 3.9 U	< 3.9 U	19 J	< 4.1 U	
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/kg	ND	16	8.5	ND	ND	ND	ND	13	ND	9.1	19	23	
Metals														
Arsenic	mg/kg	7.69 J	9.43 J	[34.7 J]	[17.5 J]	12.5 J	8.06 J	[13.2 J]	10.7	11.2	7.44	6.54	8.59	
Barium	mg/kg	94.1 J	162	178	208 J	130 J	79.4 J	105 J	89.3	94.8	61.1	55.1	72.4	
Cadmium	mg/kg	0.0770 J	0.978 J	3.32 J	0.724 J	0.248 J	0.190 J	0.111 J	0.937	0.971	0.410	0.365	0.732	
Chromium	mg/kg	17.1 J	36.5 J	[42.9 J]	[42.8 J]	31.6 J	21.2 J	[41.3 J]	[83.6]	[78.3]	40.9	36.6	[79.0]	
Copper	mg/kg	28.1 J	46.3 J	[55.5 J]	49.9 J	37.9 J	[67.9 J]	[63.0 J]	46.3	48.7	25.7	24.5	35.5	
Lead	mg/kg	14.2 J	[72.4 J]	[102 J]	[87.6 J]	21.7 J	13.1 J	24.6 J	50.4	52.2	22.6	22.1	48.9	
Manganese	mg/kg	406	576 J	823 J	612	604	505	749	892	884	630	631	696	
Mercury	mg/kg	0.0179 J	[0.252]	[0.401]	[0.502]	0.0401 J	0.0203 J	0.0193 J	0.0202 J	[0.746]	0.145	0.168	[0.338]	
Nickel	mg/kg	[30.8 J]	[39.9 J]	[43.9 J]	[46.7 J]	[37.8 J]	28.1 J	[53.8 J]	[30.7 J]	[30.6 J]	25.1 J	23.1 J	25.5 J	
Zinc	mg/kg	60.7	[259 J]	[237 J]	[183]	90.3	82.0	89.5	[163]	[185]	95.1	95.7	[121]	

Data Footnotes and Qualifiers

Barr Standard Footnotes and Qualifiers

--	Not analyzed/Not available.
N	Sample Type: Normal
FD	Sample Type: Field Duplicate
TIC	Tentatively identified compound.
ND	Not detected.
J	Estimated detected value. Either certain QC criteria were not met or the concentration is between the laboratory's detection and quantitation limits.
R	The data are unusable. The samples results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected.
UB	The analyte was detected in one of the associated laboratory, equipment, field or trip blank samples and is considered non-detect at the concentration reported by the laboratory.
UJ	The analyte was analyzed for, but was not detected. The reported value is approximate and may be inaccurate or imprecise

New York DEC Restricted Use Soil Cleanup Objectives Protection of Groundwater

c	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm. See TSD section 9.3.
---	--

New York DEC Restricted Use Soil Cleanup Objectives Protection of Public Health Residential

a	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 oom. See TSD section 9.3.
e	For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.
f	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
i	This SCO is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
j	This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See TSD Table 5.6-1.

New York DEC Restricted Use Soil Cleanup Objectives Protection of Public Health Restricted - Residential

a	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 oom. See TSD section 9.3.
d	The SCOs for metals were capped at a maximum value of 10,000 ppm. See TSD section 9.3.
b	The SCOs for commercial use were capped at a maximum value of 500 ppm. See TSD section 9.3.
f	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
i	This SCO is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
j	This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See TSD Table 5.6-1.
e	For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

New York DEC Unrestricted Use Soil Cleanup Objectives

b	For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO value.
c	For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
cf	For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.; Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) with "NS." Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.
f	Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) with "NS." Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.

Data Footnotes and Qualifiers

af	The SCOs for unrestricted use were capped at a maximum value of 100 ppm. See Technical Support Document (TSD), section 9.3.; Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) with "NS." Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.
g	This SCO is derived from data on mixed isomers of BHC.
bf	For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO value.; Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) with "NS." Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.
df	SCO is the sum of endosulfan I, endosulfan II and endosulfan sulfate.; Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) with "NS." Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.

New York DEC Restricted Use Soil Cleanup Objectives Protection of Public Health Commercial

b	The SCOs for commercial use were capped at a maximum value of 500 ppm. See TSD section 9.3.
d	The SCOs for metals were capped at a maximum value of 10,000 ppm. See TSD section 9.3.
f	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
h	The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
i	This SCO is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
j	This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See TSD Table 5.6-1.
PCB	Based on the sum of polychlorinated biphenyls.

New York DEC Restricted Use Soil Cleanup Objectives Protection of Ecological Resources

e	For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.
f	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
g	This SCO is derived from data on mixed isomers of BHC.
NS	Not specified.
a	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 10,000 ppm. See TSD section 9.3.
hNS	The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.; Not specified.
PCB	Based on the sum of polychlorinated biphenyls.

New York DEC Restricted Use Soil Cleanup Objectives Protection of Public Health Industrial

d	The SCOs for metals were capped at a maximum value of 10,000 ppm. See TSD section 9.3.
c	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm. See TSD section 9.3.
f	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
dh	The SCOs for metals were capped at a maximum value of 10,000 ppm. See TSD section 9.3.; The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
i	This SCO is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
j	This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See TSD Table 5.6-1.
PCB	Based on the sum of polychlorinated biphenyls.

Table 3
Shallow Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

Location				GP03	GP03	GP04	GP05	GP05	GP05	GP05	GP10	GP13	GP16	GP17	MW01S	MW01S	MW01S	MW01S	MW01S	MW01S	MW01S	MW01S	MW01S
Date				2/26/2018	11/07/2018	3/12/2018	2/26/2018	6/26/2018	9/13/2018	11/08/2018	9/19/2017	9/21/2017	9/21/2017	9/21/2017	11/28/2016	4/04/2017	8/14/2017	2/05/2018	7/12/2018	8/31/2018	11/19/2018	2/12/2019	6/07/2019
Depth				0 - 9 ft	0 - 9 ft	0 - 9 ft	4 - 12 ft	4 - 12 ft	4 - 12 ft	4 - 12 ft	0 - 8.5 ft	0 - 11.5 ft	0 - 9.5 ft	0 - 20 ft	5 - 15 ft	5 - 15 ft	5 - 15 ft	5 - 15 ft	5 - 15 ft	5 - 15 ft	5 - 15 ft	5 - 15 ft	5 - 15 ft
Sample Type				N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Description				On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	Off Site	Off Site	Off Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site
Parameter	Units	New York State Ambient Water Quality Guidance Values	New York State Ambient Water Quality Standards																				
Effective Date		06/01/1998	06/01/1998																				
Exceedance Key		Bold	<u>Underline</u>																				
Volatile Organic Compounds																							
1,1-Dichloroethane	ug/l	NGV	<u>5 (1)</u>	< 0.5 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,1-Dichloroethylene	ug/l	NGV	<u>5 (1)</u>	< 0.5 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.5 U	<u>33</u>	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2-Dichloroethylene, cis	ug/l	NGV	<u>5 (1)</u>	< 0.5 U	< 0.2 U	< 0.5 U	< 0.5 U	<u>5</u>	<u>1</u>	< 0.2 U	< 0.5 U	<u>67</u>	< 0.5 U	<u>2</u>	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2-Dichloroethylene, trans	ug/l	NGV	<u>5 (1)</u>	< 0.5 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.5 U	<u>12</u>	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Trichloroethylene (TCE)	ug/l	NGV	<u>5 (1)</u>	3	4	2	< 0.5 U	< 0.5 U	1	0.7 J	<u>12</u>	<u>270</u>	<u>15</u>	<u>21</u>	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Semivolatile Organic Compounds																							
Benzo(b)fluoranthene	ug/l	0.002	NS	< 0.10 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	--	--	--	--	< 0.10 U	< 0.10 U	< 0.11 U	< 0.10 U	< 0.1 U	--	< 0.1 U	< 0.1 U	< 0.1 U
Bis(2-ethylhexyl)phthalate	ug/l	NGV	<u>5</u>	< 2.0 U	< 5 U	--	< 2.0 U	< 5 U	< 5 U	< 5 U	--	--	--	--	< 2.1 U	< 2.0 U	< 2.2 U	< 2.1 U	< 5 U	--	< 5 U	< 5 U	< 5 U
Pesticides																							
Dieldrin	ug/l	NGV	<u>0.004</u>	< 0.0043 U	< 0.0056 U	--	<u>0.011 J</u>	< 0.0046 U	< 0.0045 U	< 0.0058 U	--	--	--	--	< 0.0044 U	< 0.0045 U	< 0.0043 U	< 0.0043 U	< 0.0044 UJ	--	< 0.0058 U	< 0.0055 U	< 0.0057 U
Total Metals																							
Antimony	mg/l	NGV	<u>0.003</u>	< 0.00045 U	< 0.00041 U	< 0.00045 U	0.0028	0.0012 J	< 0.00068 UB	<u>0.0033</u>	--	--	--	--	< 0.00048 U	0.0011 J	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U
Arsenic	mg/l	NGV	<u>0.025</u>	< 0.00072 U	< 0.00068 U	< 0.00072 U	< 0.00072 U	< 0.00072 U	0.0013 J	< 0.00068 U	--	--	--	--	< 0.00068 U	0.00078 J	0.00096 J	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.00074 J	0.0011 J
Barium	mg/l	NGV	<u>1</u>	0.0338	0.0226	0.0290	0.0202	0.0154	0.0276	0.0318	--	--	--	--	0.320	0.154	0.252	0.236	0.276	0.290	0.181	0.225	0.267
Beryllium	mg/l	0.003	NS	< 0.000071 U	< 0.000091 U	< 0.000071 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	--	--	--	--	< 0.00011 U	< 0.00011 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U
Cadmium	mg/l	NGV	<u>0.005</u>	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	--	--	--	--	< 0.00019 U	< 0.00019 U	< 0.00015 U	< 0.00015 U	0.00019 J	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U
Chromium	mg/l	NGV	<u>0.05</u>	< 0.0018 UB	< 0.0011 UB	0.00099 J	< 0.0035 UB	< 0.00087 U	< 0.00070 U	0.0048	--	--	--	--	< 0.00059 U	< 0.0021 UB	0.0021 J	< 0.00087 U	0.0022 J	0.0016 J	0.0012 J	0.0025 J	0.0014 J
Copper	mg/l	NGV	<u>0.2</u>	< 0.00054 U	< 0.0099 U	< 0.00054 U	< 0.0011 UB	< 0.0099 U	< 0.0099 U	< 0.0099 U	--	--	--	--	< 0.0023 UB	0.0168	0.0078	0.0061	0.0105 J	< 0.0099 U	0.0161 J	0.0122 J	0.0127 J
Iron	mg/l	NGV	<u>0.3 (12)</u>	<u>0.322 J</u>	<u>0.536</u>	0.118 J	0.132 J	<u>0.536</u>	0.150 J	< 0.0400 U	--	--	--	--	0.190 J	<u>0.873</u>	<u>1.11</u>	0.123 J	<u>1.07</u>	<u>0.571</u>	<u>0.583</u>	<u>1.27</u>	<u>1.44</u>
Lead	mg/l	NGV	<u>0.025</u>	0.00089 J	< 0.0011 U	0.00025 J	< 0.00031 UB	< 0.00047 UB	< 0.0011 U	< 0.0011 U	--	--	--	--	0.00019 J	0.0015 J	0.00096 J	0.00012 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.0012 J	0.0017 J
Magnesium	mg/l	35	NS	14.1	14.3	15.9	4.04	10.7	12.0	5.99	--	--	--	--	64.8	25.4	37.5	22.3	34.0	37.8	16.8	34.2	50.3
Manganese	mg/l	NGV	<u>0.3 (12)</u>	0.0353	0.0256	0.0172	0.0130	<u>0.485</u>	<u>0.618</u>	0.0539	--	--	--	--	<u>0.437</u>	0.143	0.100	0.0175	0.152	0.0481	<u>0.356</u>	0.0418	0.0516
Nickel	mg/l	NGV	<u>0.1</u>	< 0.0010 U	0.0011 J	< 0.0010 U	< 0.0010 U	< 0.0011 UB	0.0011 J	0.00077 J	--	--	--	--	0.0024 J	0.0023 J	0.0032 J	0.0017 J	0.0039 J	0.0050 J	0.0026 J	0.0033 J	0.0029 J
Sodium	mg/l	NGV	<u>20</u>	<u>46.7</u>	<u>45.4</u>	<u>40.1</u>	8.92	6.98	11.4	8.60	--	--	--	--	<u>103</u>	<u>122</u>	<u>63.0</u>	<u>210</u>	<u>151</u>	<u>131</u>	<u>72.4</u>	<u>123</u>	<u>158</u>
Thallium	mg/l	0.0005	NS	< 0.00012 U	< 0.00011 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	--	--	--	--	< 0.00016 U	< 0.00016 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U
Zinc	mg/l	2	NS	< 0.0065 U	< 0.0030 U	< 0.0065 U	< 0.0065 U	< 0.0030 U	0.0032 J	< 0.0030 U	--	--	--	--	0.0160 J	2.85	0.229	1.24	2.25	2.20	4.30	3.79	1.29
General Parameters																							
Chloride	mg/l	NGV	<u>250</u>	102	103	--	20.0	6.4 J	7.8	10.9 J	--	--	--	--	<u>411</u>	221	237	<u>557</u>	<u>411</u>	--	134 J	315	327
Sulfate, as SO4	mg/l	NGV	<u>250</u>	26.9 J	23.7	--	8.8 J	10.5 J	16.2	10.7 J	--	--	--	--	112	27.4	54.6	31.0	48.5 J	--	31.2	36.4	68.2

Table 3
Shallow Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW01S 10/23/2019 5 - 15 ft N On Site	MW02S 11/17/2016 9 - 19 ft N On Site	MW02S 4/05/2017 9 - 19 ft N On Site	MW02S 8/10/2017 9 - 19 ft N On Site	MW02S 2/21/2018 9 - 19 ft N On Site	MW02S 7/13/2018 9 - 19 ft N On Site	MW02S 8/30/2018 9 - 19 ft N On Site	MW02S 11/13/2018 9 - 19 ft N On Site	MW02S 2/07/2019 9 - 19 ft N On Site	MW02S 5/09/2019 9 - 19 ft N On Site	MW02S 10/21/2019 9 - 19 ft N On Site	MW06S 11/29/2016 4.75 - 19.75 ft N On Site	MW06S 4/06/2017 4.75 - 19.75 ft N On Site	MW06S 8/11/2017 4.75 - 19.75 ft N On Site	MW06S 2/21/2018 4.75 - 19.75 ft N On Site	MW06S 7/12/2018 4.75 - 19.75 ft N On Site	MW06S 8/23/2018 4.75 - 19.75 ft N On Site	MW06S 11/14/2018 4.75 - 19.75 ft N On Site	MW06S 2/07/2019 4.75 - 19.75 ft N On Site	MW06S 5/16/2019 4.75 - 19.75 ft N On Site	MW06S 10/22/2019 4.75 - 19.75 ft N On Site
Parameter	Units																					
Effective Date																						
Exceedance Key																						
Volatile Organic Compounds																						
1,1-Dichloroethane	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,1-Dichloroethylene	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2-Dichloroethylene, cis	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2-Dichloroethylene, trans	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Trichloroethylene (TCE)	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Semivolatile Organic Compounds																						
Benzo(b)fluoranthene	ug/l	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.11 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.11 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Bis(2-ethylhexyl)phthalate	ug/l	--	< 2.0 U	< 2.0 U	< 2.1 U	< 2.1 U	< 6 U	< 6 U	< 6 U	< 5 U	< 5 U	--	< 2.0 U	< 2.0 U	< 2.0 U	< 2.3 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--
Pesticides																						
Dieldrin	ug/l	--	< 0.0044 U	< 0.0044 U	< 0.0045 U	< 0.0044 U	< 0.0046 U	< 0.0047 U	< 0.0058 U	< 0.0059 U	< 0.0056 U	--	< 0.0042 U	< 0.0043 U	< 0.0043 U	< 0.0044 U	< 0.0044 U	< 0.0046 U	< 0.0058 U	< 0.0054 U	< 0.0055 U	--
Total Metals																						
Antimony	mg/l	< 0.00041 U	< 0.00048 U	0.00082 J	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00048 U	< 0.00048 U	< 0.00045 U	< 0.00045 U	0.00050 J	< 0.00041 U	< 0.00041 U	< 0.00041 U	0.00059 J	< 0.00041 U
Arsenic	mg/l	0.002 J	0.00098 J	0.00072 J	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	0.0010 J	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00072 U	< 0.00072 U	0.0011 J	0.00091 J	0.00091 J	< 0.00068 U	< 0.00068 U	< 0.00068 U
Barium	mg/l	0.357	0.140	0.0338	0.135	0.0632	0.108	0.0990	0.0947	0.0685	0.0394	0.0852	0.300	0.0906	0.318	0.115	0.229	0.212	0.0324	0.0461	0.0743	0.198
Beryllium	mg/l	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U
Cadmium	mg/l	< 0.00015 U	< 0.00019 U	< 0.00019 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00019 U	< 0.00019 U	0.00018 J	< 0.00015 U	0.00042 J	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U
Chromium	mg/l	0.0059	< 0.00059 U	< 0.0023 UB	< 0.00087 U	0.0020 J	0.00086 J	0.0014 J	0.0026 J	0.00093 J	0.0027 J	< 0.00077 UB	0.00068 J	< 0.0013 UB	0.0024 J	0.0061	0.0011 J	0.00087 J	0.00099 J	< 0.00070 U	0.00079 J	< 0.00081 UB
Copper	mg/l	0.022	0.00082 J	0.0033 J	0.0012 J	0.0016 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.00069 J	< 0.0013 UB	0.0025 J	0.0034 J	0.0019 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.00059 J
Iron	mg/l	<u>3.82</u>	0.170 J	<u>0.755</u>	< 0.0805 U	0.164 J	<u>0.350 J</u>	0.204 J	<u>0.515</u>	0.124 J	0.290	0.105 J	<u>0.372 J</u>	0.291 J	<u>0.902</u>	0.0867 J	<u>1.28</u>	<u>0.483</u>	<u>0.426</u>	<u>0.310</u>	< 0.0400 U	<u>0.494 J</u>
Lead	mg/l	0.0048	0.00040 J	0.00045 J	< 0.00011 U	0.00021 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.000078 J	0.00010 J	0.00027 J	0.00084 J	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U
Magnesium	mg/l	49.3	45.4	10.4	41.3	18.8	34.8	34.0	25.0	34.5	17.1	42.2	52.1	20.4	51.8	33.6	41.8	38.7	5.06	8.47	14.6	38.6
Manganese	mg/l	0.296	0.0835	0.127	0.0841	0.0139	0.0726	0.0292 J	0.0207	0.102	< 0.0078 UB	0.0573	<u>0.854</u>	0.134	<u>0.675</u>	0.0440	<u>0.652</u>	<u>0.443</u>	0.0809	0.0353	0.0773	<u>0.788</u>
Nickel	mg/l	0.0062	0.0012 J	0.0019 J	0.0014 J	< 0.0010 U	0.0010 J	0.0015 J	< 0.0019 UB	0.0022 J	0.0066	0.0010 J	0.0013 J	< 0.00085 U	0.0017 J	0.0032 J	0.0039 J	0.0025 J	< 0.0010 UB	< 0.00060 U	0.00078 J	0.00071 J
Sodium	mg/l	<u>101</u>	<u>309</u>	<u>32.3</u>	<u>304</u>	<u>93.0</u>	<u>270</u>	<u>267</u>	<u>161</u>	<u>200</u>	<u>35.4</u>	<u>230</u>	<u>591</u>	<u>403</u>	<u>488</u>	<u>631</u>	<u>551</u>	<u>578</u>	<u>281</u>	<u>237</u>	<u>440</u>	<u>454</u>
Thallium	mg/l	< 0.00013 U	< 0.00016 U	< 0.00016 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00016 U	< 0.00016 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00013 U
Zinc	mg/l	1.18	0.0104 J	2.46	0.708	1.68	0.352	0.249	2.15	0.107	1.21	0.152	0.0185 J	0.0143 J	0.0117 J	0.0646	0.0142 J	0.0076 J	< 0.0150 UB	0.0048 J	0.0213	< 0.0052 UB
General Parameters																						
Chloride	mg/l	--	587	45.1	515	143	385	420	212	348	58.9 J	--	997	700	1160	1330	1020	911 J	324	349	677	--
Sulfate, as SO4	mg/l	--	<u>348</u>	38.4	<u>315</u>	118	<u>284</u>	<u>282</u>	187	<u>261 J</u>	41.6 J	--	48.6	21.2	48.7	12.2	56.7 J	54.7	25.8	15.9 J	16.9	--

Table 3
Shallow Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW07S 12/02/2016 5 - 10 ft N Off Site	MW07S 4/07/2017 5 - 10 ft N Off Site	MW07S 8/24/2017 5 - 10 ft N Off Site	MW07S 2/20/2018 5 - 10 ft N Off Site	MW07S 10/11/2019 5 - 10 ft N Off Site	MW08S 11/18/2016 5 - 14 ft N On Site	MW08S 4/05/2017 5 - 14 ft N On Site	MW08S 8/10/2017 5 - 14 ft N On Site	MW08S 2/05/2018 5 - 14 ft N On Site	MW08S 7/12/2018 5 - 14 ft N On Site	MW08S 8/30/2018 5 - 14 ft N On Site	MW08S 11/13/2018 5 - 14 ft N On Site	MW08S 2/07/2019 5 - 14 ft N On Site	MW08S 5/16/2019 5 - 14 ft N On Site	MW08S 10/21/2019 5 - 14 ft N On Site	MW09S 4/19/2017 8 - 11 ft N On Site	MW09S 9/29/2017 8 - 11 ft N On Site	MW09S 3/16/2018 8 - 11 ft N On Site	MW09S 5/17/2019 8 - 11 ft N On Site	MW09S 10/18/2019 8 - 11 ft N On Site	MW12S 11/18/2016 10.9 - 20.9 ft N Off Site	MW12S 3/30/2017 10.9 - 20.9 ft N Off Site	
Parameter	Units																							
Effective Date																								
Exceedance Key																								
Volatile Organic Compounds																								
1,1-Dichloroethane	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	
1,1-Dichloroethylene	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	
1,2-Dichloroethylene, cis	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	
1,2-Dichloroethylene, trans	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	
Trichloroethylene (TCE)	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	1	2	2	1	3	< 0.5 U	< 0.5 U	
Semivolatile Organic Compounds																								
Benzo(b)fluoranthene	ug/l	< 0.10 U	< 0.11 U	--	< 0.10 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.3 U	--	< 0.11 U	< 0.11 U	--	< 0.1 U	--	< 0.10 U	< 0.10 UJ	
Bis(2-ethylhexyl)phthalate	ug/l	< 2.0 U	< 2.3 U	--	< 2.1 U	--	< 2.1 U	< 2.0 U	< 2.0 U	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5 U	< 13 U	--	< 2.2 U	< 2.1 U	--	< 5 U	--	< 2.0 U	< 2.1 UJ	
Pesticides																								
Dieldrin	ug/l	< 0.0042 U	< 0.0043 U	--	< 0.0043 U	--	< 0.0044 U	< 0.0042 U	< 0.0043 U	< 0.0043 U	< 0.0044 U	< 0.0045 U	< 0.0059 U	< 0.0058 U	< 0.0054 U	--	< 0.0045 U	< 0.0043 UJ	--	< 0.0056 UJ	--	< 0.0043 U	< 0.0043 U	
Total Metals																								
Antimony	mg/l	0.00051 J	< 0.00083 UB	0.00058 J	< 0.00045 U	< 0.00041 U	< 0.00048 U	< 0.00048 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00048 U	< 0.00045 U	0.00050 J	< 0.00041 U	< 0.00041 U	< 0.00048 U	< 0.00048 U	
Arsenic	mg/l	< 0.00068 U	0.0038 J	0.0013 J	< 0.00072 U	0.0035	0.0010 J	< 0.00068 U	< 0.00072 U	< 0.00072 U	0.0011 J	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0014 J	0.0019 J	< 0.00072 U	0.0154	< 0.00068 U	0.0037	0.0086	0.0040 J	
Barium	mg/l	0.0838	0.0496	0.0878	0.0481	0.0909	0.175	0.168	0.177	0.165	0.168	0.161	0.151	0.113	0.133	0.161	0.0968	0.0634	0.604	0.0458	0.159	0.136	0.116 J	
Beryllium	mg/l	< 0.00011 U	< 0.00011 U	< 0.000071 U	< 0.000071 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	0.00014 J	0.00026 J	< 0.000071 U	0.0023	< 0.000091 U	0.00047 J	< 0.00011 U	< 0.00011 U	
Cadmium	mg/l	< 0.00019 U	< 0.00019 U	0.00020 J	< 0.00015 U	< 0.00015 U	< 0.00019 U	< 0.00019 U	< 0.00019 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00019 U	< 0.00015 U	0.00038 J	< 0.00015 U	< 0.00015 U	< 0.00019 U	< 0.00019 U	
Chromium	mg/l	0.0010 J	< 0.00098 UB	0.0013 J	< 0.00087 U	< 0.00066 UB	0.00081 J	< 0.0019 UB	0.00092 J	< 0.00087 U	0.0030 J	0.00087 J	< 0.00070 U	< 0.00070 U	< 0.00070 U	0.0040	0.0084	0.0019 J	<u>0.0600</u>	0.0017 J	0.0144	< 0.00059 U	< 0.00059 U	
Copper	mg/l	0.0028 J	0.0085	0.0072	0.0034 J	0.0061	0.0012 J	0.0010 J	0.00074 J	0.00081 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.0039	0.0069	0.0025 J	0.0779	< 0.0099 U	0.0168	< 0.00052 U	< 0.00052 U	
Iron	mg/l	< 0.0747 U	0.197 J	<u>0.316 J</u>	0.120 J	<u>0.54</u>	<u>0.690</u>	<u>0.407</u>	0.172 J	0.133 J	<u>2.21</u>	0.0628 J	0.0408 J	0.0883 J	0.0572 J	<u>3.02 J</u>	<u>6.91</u>	<u>0.466</u>	<u>68.4</u>	<u>0.381</u>	<u>13.4 J</u>	<u>16.9</u>	<u>18.3</u>	
Lead	mg/l	< 0.000090 U	0.00049 J	0.00054 J	0.00033 J	< 0.000071 U	0.00091 J	0.00035 J	0.00023 J	0.00018 J	0.0014 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.0024	0.0040	0.00084 J	<u>0.0439</u>	< 0.0011 U	0.0075	< 0.000090 U	< 0.000090 U	
Magnesium	mg/l	9.68	8.07	11.0	8.63	12.8	66.5	64.1	67.2	70.7	67.8	68.3	70.2	51.6	75.4	71.2	33.2	28.1	42.9	31.7	34.1	15.4	20.7	
Manganese	mg/l	0.0124	0.0097	0.0263	0.0038 J	<u>0.556</u>	<u>0.633</u>	0.229	0.167	0.0789	0.107	0.0335 J	0.0867	0.0303	0.0562	<u>0.356</u>	0.194	0.0272	<u>2.30</u>	0.0128 J	0.281	<u>2.05</u>	<u>2.27</u>	
Nickel	mg/l	0.0022 J	0.0019 J	0.0032 J	0.0029 J	0.0036	0.0012 J	0.0017 J	0.0010 J	< 0.0010 U	0.0023 J	< 0.00060 U	< 0.00060 U	< 0.00060 U	< 0.00060 U	0.0037	0.0069	0.0015 J	0.0511	0.00079 J	0.0117	< 0.00085 U	< 0.00085 U	
Sodium	mg/l	<u>33.1</u>	6.95	13.9	8.94	16.7	<u>130</u>	<u>144</u>	<u>143</u>	<u>142</u>	<u>144</u>	<u>149</u>	<u>153</u>	<u>128</u>	<u>166</u>	<u>160</u>	19.3	10.8	13.3	<u>24.6</u>	16.0	<u>42.5</u>	<u>42.6</u>	
Thallium	mg/l	< 0.00016 U	< 0.00016 U	< 0.00012 U	< 0.00012 U	< 0.00013 U	< 0.00016 U	< 0.00016 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00016 U	< 0.00012 U	0.00031 J	< 0.00011 U	< 0.00013 U	< 0.00016 U	< 0.00016 U	
Zinc	mg/l	0.175	2.97	1.10	2.09	0.0654	< 0.0054 U	0.0190 J	0.0084 J	< 0.0065 U	0.0122 J	0.0053 J	< 0.0076 UB	0.0197 J	0.0047 J	0.0282	0.0169 J	< 0.0065 U	0.192	0.0035 J	0.0363	< 0.0054 U	< 0.0054 U	
General Parameters																								
Chloride	mg/l	35.6	9.9	12.6	8.5	--	438	462	429	481	496	578	489	377	463	--	58.6	--	--	82.8	--	78.6	81.6	
Sulfate, as SO4	mg/l	26.7	18.3	18.1	19.4	--	118	119	132	173	146 J	181	164	136 J	143	--	58.4	--	--	41.0	--	86.7	29.5	

Table 3
Shallow Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW12S 8/15/2017 10.9 - 20.9 ft N Off Site	MW12S 2/16/2018 10.9 - 20.9 ft N Off Site	MW12S 7/06/2018 10.9 - 20.9 ft N Off Site	MW12S 8/21/2018 10.9 - 20.9 ft N Off Site	MW12S 11/09/2018 10.9 - 20.9 ft N Off Site	MW12S 2/12/2019 10.9 - 20.9 ft N Off Site	MW12S 5/08/2019 10.9 - 20.9 ft N Off Site	MW12S 10/16/2019 10.9 - 20.9 ft N Off Site	MW13S 11/22/2016 4 - 8 ft N On Site	MW13S 3/28/2017 4 - 8 ft N On Site	MW13S 8/22/2017 4 - 8 ft N On Site	MW13S 2/01/2018 4 - 8 ft N On Site	MW13S 7/09/2018 4 - 8 ft N On Site	MW13S 8/21/2018 4 - 8 ft N On Site	MW13S 11/13/2018 4 - 8 ft N On Site	MW13S 2/26/2019 4 - 8 ft N On Site	MW13S 5/07/2019 4 - 8 ft N On Site	MW13S 10/18/2019 4 - 8 ft N On Site	MW14S 12/06/2016 2.9 - 5.4 ft N On Site	MW14S 3/30/2017 2.9 - 5.4 ft N On Site	MW14S 8/15/2017 2.9 - 5.4 ft N On Site	MW14S 2/06/2018 2.9 - 5.4 ft N On Site	
Parameter	Units																							
Effective Date																								
Exceedance Key																								
Volatile Organic Compounds																								
1,1-Dichloroethane	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
1,1-Dichloroethylene	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
1,2-Dichloroethylene, cis	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	0.5 J	0.4 J	< 0.2 U	0.4 J	0.5 J	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
1,2-Dichloroethylene, trans	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Trichloroethylene (TCE)	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	2	1	4	3	5	5	1	3	3	0.7 J	0.6 J	< 0.5 U	1	0.5 J	
Semivolatile Organic Compounds																								
Benzo(b)fluoranthene	ug/l	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.11 U	--	< 0.10 U	
Bis(2-ethylhexyl)phthalate	ug/l	< 2.0 U	< 2.0 U	< 5 U	< 5 U	< 5 U	< 6 U	< 5 U	--	< 2.0 U	< 2.0 U	--	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	--	< 2.0 UJ	< 2.1 U	--	< 2.0 U	
Pesticides																								
Dieldrin	ug/l	< 0.0043 UJ	< 0.0043 U	< 0.0043 U	< 0.0047 U	< 0.0060 U	< 0.0058 U	< 0.0060 U	--	< 0.0043 U	< 0.0042 U	--	< 0.0043 U	< 0.0047 U	< 0.0045 U	< 0.0058 U	< 0.0054 U	< 0.0058 U	--	< 0.0043 U	< 0.0043 U	--	< 0.0043 U	
Total Metals																								
Antimony	mg/l	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00048 U	< 0.00048 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00048 U	< 0.00048 U	< 0.00045 U	< 0.00045 U
Arsenic	mg/l	0.0069	0.0032 J	0.0040	0.0051	0.0039	0.0028	0.0025	0.0142	< 0.00068 U	0.00068 J	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0014 J	< 0.00072 U	
Barium	mg/l	0.0664	0.0431	0.130	0.0706	0.0478	0.0594	0.0531	0.238	0.0583	0.0618 J	0.0413	0.0383	0.0471	0.0531	0.0521	0.0471	0.0793	0.0664	0.0220	0.0148	0.0659	0.0196	
Beryllium	mg/l	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	0.00036 J	< 0.00011 U	< 0.00011 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	0.000092 J	< 0.000071 U
Cadmium	mg/l	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00019 U	< 0.00019 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00019 U	< 0.00019 U	< 0.00015 U	< 0.00015 U
Chromium	mg/l	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	0.0204	< 0.00059 U	< 0.00059 U	< 0.0011 UB	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00059 UB	< 0.00083 UB	< 0.00087 UB	0.0051	< 0.00087 U	
Copper	mg/l	< 0.00054 U	< 0.00054 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.024	0.0022 J	0.0013 J	0.0021 J	0.00066 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.0014	0.00087 J	< 0.00052 U	0.0067	< 0.00054 U
Iron	mg/l	9.85	6.73	14.3	8.59	6.51	9.79	8.50	29.9	< 0.0747 U	< 0.0747 U	0.395 J	< 0.0805 U	0.176 J	< 0.0400 U	0.0416 J	0.0536 J	< 0.0400 U	0.101 J	0.762	< 0.0747 U	3.13	< 0.0805 U	
Lead	mg/l	< 0.00011 U	0.00027 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.0126	< 0.000090 U	< 0.000090 U	0.00036 J	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	< 0.000090 U	< 0.000090 U	0.0024	< 0.00011 U	
Magnesium	mg/l	9.78	8.67	18.6	12.9	9.84	17.8	15.2	21.8	9.10	13.8	7.80	9.19	11.0	11.9	8.24	14.2	18.1	8.56	6.61	6.39	9.11	6.57	
Manganese	mg/l	1.09	0.782	1.53	1.04	0.913	1.69	1.39	1.55	0.937	0.969	0.0390	0.341	0.228	0.625	0.460	0.309	0.306	0.107	0.00097 J	< 0.00088 U	0.187	< 0.0016 U	
Nickel	mg/l	< 0.0010 U	< 0.0010 U	< 0.00060 U	< 0.00060 U	0.00068 J	0.0010 J	< 0.00060 U	0.0154	0.0020 J	< 0.00085 U	< 0.0010 U	< 0.0010 U	0.00093 J	0.00081 J	< 0.00060 U	0.00071 J	0.00062 J	< 0.00060 U	< 0.00085 U	< 0.00085 U	0.0029 J	< 0.0010 U	
Sodium	mg/l	29.9	10.7	63.1	27.0	14.8	19.1	20.5	99.8	179	189	142	125	153	170	284	211	286	305	35.6	31.3	34.4	35.9	
Thallium	mg/l	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00016 U	< 0.00016 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00016 U	< 0.00016 U	< 0.00012 U	< 0.00012 U	
Zinc	mg/l	< 0.0065 U	0.0153 J	< 0.0030 U	0.0057 J	< 0.0030 U	0.0057 J	0.0040 J	0.0551	< 0.0054 U	0.0190 J	< 0.0065 U	< 0.0065 U	0.0040 J	0.0040 J	< 0.0043 UB	0.0489	0.0102 J	< 0.0091 UB	0.0309 J	< 0.0054 U	0.0182 J	0.0111 J	
General Parameters																								
Chloride	mg/l	40.7	17.8	145 J	28.9	15.2 J	24.1	29.3	--	209	339 J	153	166	270	372	203	396	651	--	54.0	81.9	42.4	63.1	
Sulfate, as SO4	mg/l	31.2	58.1	44.0 J	52.9	22.7 J	44.8	51.6	--	28.2 J	20.9 J	20.4	21.2	22.0	22.4	22.5	24.1	23.9	--	11.4	8.2	11.3	10.7	

Table 3
Shallow Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW14S 6/21/2018 2.9 - 5.4 ft N On Site	MW14S 8/29/2018 2.9 - 5.4 ft N On Site	MW14S 11/12/2018 2.9 - 5.4 ft N On Site	MW14S 2/06/2019 2.9 - 5.4 ft N On Site	MW14S 5/16/2019 2.9 - 5.4 ft N On Site	MW14S 10/09/2019 2.9 - 5.4 ft N On Site	MW15S 11/21/2016 7 - 17 ft N On Site	MW15S 3/29/2017 7 - 17 ft N On Site	MW15S 8/16/2017 7 - 17 ft N On Site	MW15S 3/08/2018 7 - 17 ft N On Site	MW15S 6/19/2018 7 - 17 ft N On Site	MW15S 8/31/2018 7 - 17 ft N On Site	MW15S 11/15/2018 7 - 17 ft N On Site	MW15S 2/21/2019 7 - 17 ft N On Site	MW15S 5/09/2019 7 - 17 ft N On Site	MW15S 10/22/2019 7 - 17 ft N On Site		7 - 17 ft FD On Site	MW16 1/11/2017 2.5 - 7.5 ft N On Site	MW16 9/05/2018 2.5 - 7.5 ft N On Site	MW16 5/17/2019 2.5 - 7.5 ft N On Site	MW16 10/07/2019 2.5 - 7.5 ft N On Site	MW22 1/12/2017 1 - 11 ft N On Site	
Parameter	Units																								
Effective Date																									
Exceedance Key																									
Volatile Organic Compounds																									
1,1-Dichloroethane	ug/l	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	1
1,1-Dichloroethylene	ug/l	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	0.6 J	0.6 J	0.5 J	0.6 J	< 0.5 U	
1,2-Dichloroethylene, cis	ug/l	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	<u>7</u>	<u>6</u>	<u>5</u>	<u>6</u>	< 0.5 U	
1,2-Dichloroethylene, trans	ug/l	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	
Trichloroethylene (TCE)	ug/l	0.9 J	< 1 UB	0.5 J	0.3 J	0.5 J	0.9 J	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	0.4 J	0.5 J	0.2 J	0.2 J	0.4 J	0.4 J	<u>24</u>	<u>34</u>	<u>27</u>	<u>28</u>	< 0.5 U	
Semivolatile Organic Compounds																									
Benzo(b)fluoranthene	ug/l	--	--	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	--	--	--	--	--	--	< 0.10 U
Bis(2-ethylhexyl)phthalate	ug/l	--	--	< 5 U	< 5 U	< 6 U	--	< 2.0 U	< 2.0 U	< 2.0 U	< 2 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	--	--	--	--	--	--	< 2.0 U
Pesticides																									
Dieldrin	ug/l	--	--	< 0.0057 U	< 0.0055 U	< 0.0059 U	--	< 0.0045 UJ	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0046 U	< 0.0056 U	< 0.0055 U	< 0.0055 U	--	--	--	--	--	--	--	--	< 0.0043 UJ
Total Metals																									
Antimony	mg/l	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00090 UB	< 0.00048 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	--	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00058 UB	
Arsenic	mg/l	< 0.00072 U	0.00090 J	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0013 J	0.0020 J	< 0.00068 U	0.00090 J	0.0021 J	0.00078 J	0.00073 J	< 0.0011 UB	0.0013 J	0.00086 J	< 0.00068 U	< 0.00068 U	--	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0059	
Barium	mg/l	0.0436	0.0521	0.0182	0.0240	0.0347	0.0482	0.0137	0.0238 J	0.0205	0.0147	0.0155	0.0165	0.0164	0.0167	0.0153	0.0121	0.0123	--	0.0925	0.0899	0.0938	0.116		
Beryllium	mg/l	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.000071 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	< 0.00012 U	--	< 0.000091 U	< 0.000091 U	< 0.00012 U	0.00061 J		
Cadmium	mg/l	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00019 U	< 0.00019 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	--	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	0.00025 J	
Chromium	mg/l	0.0016 J	0.00080 J	< 0.00070 U	< 0.00070 U	0.00088 J	0.0039	0.0013 J	< 0.00060 UB	< 0.00087 U	0.0029 J	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00054 UB	< 0.00066 UB	--	0.0015 J	0.0016 J	< 0.0023 UB	0.0178		
Copper	mg/l	0.0021 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.0044	0.0037 J	0.00059 J	< 0.00054 U	0.0024 J	< 0.00054 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.00036 U	< 0.00036 U	--	< 0.0099 U	< 0.0099 U	0.0011	0.0400		
Iron	mg/l	0.148 J	<u>1.64</u>	< 0.0400 U	< 0.0400 U	< 0.0400 U	<u>2.30</u>	<u>0.413</u>	< 0.0747 U	< 0.0805 U	< 0.439 UB	0.0860 J	0.200 J	0.0544 J	0.181 J	0.0407 J	< 0.0400 UJ	< 0.0400 UJ	--	0.115 J	0.132 J	<u>0.414</u>	<u>26.7</u>		
Lead	mg/l	0.00041 J	0.0014 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.0021	0.0012 J	0.00011 J	< 0.00011 U	0.00059 J	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	< 0.000071 U	--	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.00056	<u>0.0287</u>	
Magnesium	mg/l	11.4	11.2	5.21	5.33	10.5	10.2	8.25	22.7	19.8	12.2	17.9	17.0	16.8	17.4	15.9	16.2	17.2	--	32.2	41.7	39.8	13.7		
Manganese	mg/l	0.0580	0.117	< 0.0011 U	0.0013 J	< 0.0011 U	0.0918	0.0439	0.151	0.166	0.103	0.157	0.154	0.104	0.149	0.125	0.145	0.152	--	<u>0.504</u>	<u>0.410</u>	<u>0.886</u>	<u>0.679</u>		
Nickel	mg/l	< 0.0010 U	0.0026 J	< 0.00060 U	< 0.00060 U	0.00098 J	0.0024	0.0017 J	< 0.00085 U	< 0.0010 U	0.0020 J	< 0.0010 U	0.00098 J	< 0.00060 U	< 0.00060 U	0.00080 J	0.00088 J	< 0.00060 U	--	< 0.00060 U	0.00093 J	0.00082 J	0.0141		
Sodium	mg/l	<u>60.8</u>	<u>56.2</u>	<u>43.4</u>	<u>31.1</u>	<u>68.3</u>	<u>51.7</u>	<u>111</u>	<u>43.8</u>	<u>48.5</u>	<u>82.2</u>	<u>36.1</u>	<u>23.0</u>	<u>27.5</u>	<u>37.0</u>	<u>27.4</u>	<u>30.6</u>	<u>32.1</u>	--	<u>26.1</u>	<u>31.9</u>	<u>31.3</u>	5.00		
Thallium	mg/l	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00016 U	< 0.00016 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00013 U	--	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00016 U		
Zinc	mg/l	0.0079 J	0.0152 J	< 0.0030 U	0.204	0.0047 J	0.0416	0.0098 J	< 0.0054 U	< 0.0065 U	0.0315 J	< 0.0030 U	0.0042 J	< 0.0048 UB	0.0107 J	< 0.0030 U	< 0.0037 UB	< 0.0038 UB	--	0.0133 J	0.0071 J	0.0068 J	0.102		
General Parameters																									
Chloride	mg/l	101	95.2	48.5	47.9	154	--	160	117 J	--	160	57.1	40.8	44.8 J	67.9	55.0 J	--	--	--	--	--	96.5	--	4.7	
Sulfate, as SO4	mg/l	10.9	12.4	10.4	6.0	7.3	--	13.5 J	20.4 J	--	17.8 J	20.5	19.3	18.1 J	19.4	18.8 J	--	--	--	--	--	238	--	5.4	

Table 3
Shallow Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW22 4/04/2017 1 - 11 ft N On Site	MW22 8/22/2017 1 - 11 ft N On Site	MW22 3/09/2018 1 - 11 ft N On Site	MW22 7/12/2018 1 - 11 ft N On Site	MW22 2/08/2019 1 - 11 ft N On Site	MW22 10/15/2019 1 - 11 ft N On Site	MW23S 5/14/2019 8 - 18 ft N Off Site	MW24S 10/16/2017 28 - 38 ft N Off Site	MW24S 2/26/2018 28 - 38 ft N Off Site	MW24S 6/12/2018 28 - 38 ft N Off Site	MW24S 8/23/2018 28 - 38 ft N Off Site	MW24S 11/28/2018 28 - 38 ft N Off Site	MW24S 2/26/2019 28 - 38 ft N Off Site	MW24S 5/10/2019 28 - 38 ft N Off Site	MW24S 10/04/2019 28 - 38 ft N Off Site	MW25S 10/13/2017 7 - 17 ft N Off Site	MW25S 2/02/2018 7 - 17 ft N Off Site	MW25S 7/05/2018 7 - 17 ft N Off Site	MW25S 8/23/2018 7 - 17 ft N Off Site	MW25S 11/27/2018 7 - 17 ft N Off Site	MW25S 2/15/2019 7 - 17 ft N Off Site	MW25S 5/09/2019 7 - 17 ft N Off Site	
Parameter	Units																							
Effective Date																								
Exceedance Key																								
Volatile Organic Compounds																								
1,1-Dichloroethane	ug/l	< 0.5 U	17	9	21	0.3 J	24	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,1-Dichloroethylene	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2-Dichloroethylene, cis	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2-Dichloroethylene, trans	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Trichloroethylene (TCE)	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	0.2 J	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Semivolatile Organic Compounds																								
Benzo(b)fluoranthene	ug/l	< 0.11 U	--	--	--	0.2 J	--	< 0.1 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 UJ	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Bis(2-ethylhexyl)phthalate	ug/l	< 2.2 U	--	--	--	< 6 U	--	< 5 U	< 2.0 U	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U	< 2.0 UJ	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Pesticides																								
Dieldrin	ug/l	< 0.0050 U	--	--	--	< 0.0059 U	--	< 0.0055 U	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0047 U	< 0.0056 U	< 0.0059 U	< 0.0057 U	--	< 0.0043 U	< 0.0043 U	< 0.0044 U	< 0.0043 U	< 0.0054 U	< 0.0055 U	< 0.0055 U	< 0.0055 U
Total Metals																								
Antimony	mg/l	< 0.00048 U	--	< 0.00069 UB	0.00046 J	< 0.00041 U	--	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	0.00082 J	0.00066 J	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	0.00046 J
Arsenic	mg/l	0.0051	--	0.0075	0.0038 J	0.0017 J	--	< 0.00068 U	0.0014 J	0.0016 J	0.0023 J	0.0022 J	0.0018 J	0.0018 J	0.0020 J	0.0017 J	0.0036 J	0.00074 J	0.0101	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U
Barium	mg/l	0.189	--	0.136	0.112	0.0422	--	0.0131	0.135	0.156	0.164	0.151	0.165 J	0.166	0.162	0.162	0.0885	0.0560	0.139	0.0536	0.0494 J	0.0517	0.0407	0.0407
Beryllium	mg/l	0.00081 J	--	0.00066 J	0.00034 J	0.00012 J	--	< 0.000091 U	< 0.000071 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	0.00015 J	< 0.000071 U	0.00031 J	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U
Cadmium	mg/l	0.00029 J	--	0.00034 J	< 0.00015 U	< 0.00015 U	--	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	0.00016 J	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U
Chromium	mg/l	0.0195	--	0.0199	0.0128	0.0047	--	< 0.0012 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00057 UB	0.0035 J	0.00091 J	0.0071 J	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U
Copper	mg/l	0.0456	--	0.0452	0.0186 J	< 0.0099 U	--	< 0.0099 U	< 0.00054 U	< 0.00054 U	0.0021 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.0016	0.0107	0.0041	0.0231 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U
Iron	mg/l	28.4	--	20.2	10.5	4.01	--	0.314	0.380 J	0.280 J	0.225 J	0.216 J	0.226	0.251	0.325	0.737	6.90	0.327 J	18.0	0.0488 J	0.108 J	0.113 J	0.544	
Lead	mg/l	0.0382	--	0.0284	0.0117	0.0050	--	< 0.0011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.0011	0.0040	0.00019 J	0.0112	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U
Magnesium	mg/l	13.9	--	10.3	17.2	3.09	--	4.14	24.3	24.4	24.0	24.7	24.7	25.5	24.4	23.6	9.41	7.92	12.6	8.44	6.88	7.40	5.83	
Manganese	mg/l	1.00	--	0.720	0.441	0.199	--	0.0322	0.754	0.760	0.722	0.718	0.772	0.749	0.740	0.701	0.303	< 0.0141 UB	0.633	0.0040 J	0.0111 J	< 0.0118 UB	< 0.0205 UB	
Nickel	mg/l	0.0223	--	0.0174	0.0102	0.0041	--	0.0031 J	< 0.0010 U	< 0.0010 U	< 0.0019 UB	0.00092 J	< 0.00060 U	< 0.00060 U	0.00091 J	< 0.0006 U	0.0057	< 0.0010 U	< 0.0126 UB	0.0052 J	0.0015 J	0.00085 J	0.0019 J	
Sodium	mg/l	1.68 J	--	2.65	8.99	2.39	--	7.80	46.3	49.2	50.4	49.7	51.3	55.0	53.0	54.4	54.1	58.0	82.8	63.2	69.3	58.5	51.1	
Thallium	mg/l	< 0.00016 U	--	< 0.00019 UB	< 0.00011 U	< 0.00011 U	--	< 0.00011 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U
Zinc	mg/l	0.0968	--	0.0975	0.0425	0.0139 J	--	< 0.0030 U	< 0.0065 U	0.0124 J	< 0.0065 U	0.0036 J	< 0.0030 U	0.0039 J	0.0036 J	0.0138 J	0.0130 J	< 0.0065 U	0.0286 J	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U
General Parameters																								
Chloride	mg/l	1.1 J	--	6.7	--	2.3	--	8.2	121	130	120	125 J	136 J	129	129 J	--	82.7 J	81.5	187 J	139	89.5	71.5 J	86.8 J	
Sulfate, as SO4	mg/l	2.6 J	--	9.4	--	2.3 J	--	9.9	27.2	27.2	28.3 J	27.7	27.1	28.0	28.0 J	--	19.8	28.2	32.3 J	26.0	25.8	19.9	20.5 J	

Table 3
Shallow Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW25S 10/08/2019 7 - 17 ft N Off Site	MW26S 2/01/2018 5 - 10 ft N Off Site	MW26S 7/09/2018 5 - 10 ft N Off Site	MW26S 9/19/2018 5 - 10 ft N Off Site	MW26S 11/13/2018 5 - 10 ft N Off Site	MW26S 3/04/2019 5 - 10 ft N Off Site	MW26S 5/09/2019 5 - 10 ft N Off Site	MW27S 10/03/2017 9 - 19 ft N Off Site	MW27S 2/26/2018 9 - 19 ft N Off Site	MW27S 6/13/2018 9 - 19 ft N Off Site	MW27S 9/07/2018 9 - 19 ft N Off Site	MW27S 11/16/2018		MW27S 2/12/2019 9 - 19 ft N Off Site	MW27S 5/13/2019 9 - 19 ft N Off Site	MW27S 10/11/2019 9 - 19 ft N Off Site	MW28S 10/09/2017 7 - 17 ft N Off Site	MW28S 2/26/2018 7 - 17 ft N Off Site	MW28S 6/12/2018 7 - 17 ft N Off Site	MW28S 8/29/2018 7 - 17 ft N Off Site	MW28S 11/16/2018 7 - 17 ft N Off Site	MW28S 2/14/2019 7 - 17 ft N Off Site	
													9 - 19 ft N Off Site	9 - 19 ft FD Off Site										
Parameter	Units																							
Effective Date																								
Exceedance Key																								
Volatile Organic Compounds																								
1,1-Dichloroethane	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U
1,1-Dichloroethylene	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2-Dichloroethylene, cis	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2-Dichloroethylene, trans	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U
Trichloroethylene (TCE)	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U
Semivolatile Organic Compounds																								
Benzo(b)fluoranthene	ug/l	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 UJ	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Bis(2-ethylhexyl)phthalate	ug/l	--	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 2.0 U	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 2.0 UJ	< 2.0 U	< 5 U	< 6 U	< 5 U	< 5 U
Pesticides																								
Dieldrin	ug/l	--	< 0.0043 U	< 0.0045 U	< 0.0049 UJ	< 0.0056 U	< 0.0058 U	< 0.0055 U	< 0.011 U	< 0.0043 U	< 0.0044 U	< 0.0043 U	< 0.0055 U	< 0.0053 U	< 0.0053 U	< 0.0053 UJ	--	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0046 U	< 0.0054 U	< 0.0054 U	< 0.0054 U
Total Metals																								
Antimony	mg/l	0.00056 J	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	0.00052 J	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U
Arsenic	mg/l	0.0075	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00072 U	< 0.00072 U	< 0.00072 U	0.0043	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U
Barium	mg/l	0.156	0.0432	0.0851	0.107	0.0740	0.0233	0.0196	0.0541 J	0.0254	0.0323	0.140	0.0345	0.0382	0.0264	0.0314	0.0687	0.262	0.584	0.376	0.150	0.321	0.395	0.395
Beryllium	mg/l	0.00032 J	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000071 U	< 0.000071 U	< 0.000071 U	0.00029 J	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	< 0.000071 U	< 0.000071 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U
Cadmium	mg/l	0.00019 J	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	0.00017 J	0.00017 J
Chromium	mg/l	0.0092	< 0.00087 U	< 0.00070 U	0.00074 J	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00087 U	< 0.00087 U	< 0.00087 U	0.0100	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00054 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.0016 UB	< 0.0016 UB
Copper	mg/l	0.0236	< 0.00054 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.0015 J	< 0.00077 UB	0.0013 J	0.0162 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.0015	0.0016 J	< 0.0013 UB	0.0014 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U
Iron	mg/l	<u>13.9</u>	< 0.0805 U	0.0538 J	< 0.0400 U	< 0.0400 U	0.0677 J	< 0.0400 U	< 0.0805 U	< 0.0805 U	< 0.0805 U	<u>13.1</u>	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.04 U	< 0.0805 U	< 0.0805 U	< 0.0805 U	< 0.0400 U	0.0413 J	< 0.0400 U	< 0.0400 U
Lead	mg/l	0.0092	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	0.0144	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U
Magnesium	mg/l	9.80	17.4	21.0	23.3	25.1	10.9	10.5	11.7	11.4	7.36	9.82	10.9	11.0	10.0	9.36	12.5	10.9	34.3	25.3	14.3	22.3	25.6	25.6
Manganese	mg/l	<u>0.696</u>	< 0.0143 UB	0.0542	0.0559	0.0038 J	0.0250	< 0.0107 UB	0.0817	0.0017 J	0.0017 J	<u>0.625</u>	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.003 J	0.0372	0.0104	0.0191	0.0034 J	0.0111 J	0.0350	0.0350
Nickel	mg/l	0.0124	< 0.0010 U	< 0.00060 U	< 0.00060 U	< 0.00097 UB	< 0.00060 U	0.00070 J	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0102 UB	< 0.00060 U	< 0.00060 U	< 0.00060 U	< 0.00060 U	< 0.0006 U	< 0.0010 U	< 0.0010 U	< 0.0012 UB	< 0.00060 U	0.0012 J	< 0.00060 U	< 0.00060 U
Sodium	mg/l	<u>76.6</u>	<u>95.1</u>	<u>69.8</u>	<u>82.8</u>	<u>157</u>	<u>58.9</u>	<u>57.7</u>	<u>47.6</u>	<u>52.0</u>	<u>51.0</u>	<u>47.8</u>	<u>49.7</u>	<u>50.2</u>	<u>41.5</u>	<u>48.3</u>	<u>68</u>	<u>2340</u>	<u>2560</u>	<u>2050</u>	<u>1110</u>	<u>1770</u>	<u>2350</u>	2350
Thallium	mg/l	< 0.00013 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U
Zinc	mg/l	0.0302	< 0.0065 U	< 0.0030 U	0.0031 J	< 0.0104 UB	< 0.0030 U	< 0.0030 U	< 0.0065 U	< 0.0065 U	< 0.0065 U	0.0383 J	< 0.0091 UB	< 0.0037 UB	< 0.0030 U	< 0.0030 U	0.0038 J	< 0.0065 U	< 0.0065 U	< 0.0065 U	0.0032 J	< 0.0030 U	< 0.0030 U	< 0.0030 U
General Parameters																								
Chloride	mg/l	--	162	112	144	<u>314</u>	81.7	113 J	67.2 J	115	72.8	66.6	45.1 J	50.2 J	64.5	67.5	--	<u>3390 J</u>	<u>1740</u>	<u>2540</u>	<u>1590</u>	<u>4140 J</u>	<u>4360</u>	4360
Sulfate, as SO4	mg/l	--	37.9	46.9	52.3	49.8	24.9	18.7 J	9.5	15.0 J	12.4 J	11.7	20.5 J	20.1 J	10.7	12.3	--	112	126 J	98.2 J	49.6	87.8 J	114	114

Table 3
Shallow Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW28S	MW28S	MW29S	MW29S	MW29S	MW29S	MW29S	MW29S	MW29S	MW29S		MW30S	MW30S	MW30S		MW30S	MW30S	MW30S	MW30S	MW30S	MW31S	MW31S
		5/10/2019	10/11/2019	10/10/2017	2/26/2018	6/12/2018	8/30/2018	11/16/2018	2/14/2019	5/10/2019	10/11/2019		10/04/2017	3/01/2018	6/15/2018		9/10/2018	11/15/2018	2/11/2019	5/21/2019	10/07/2019	10/19/2017	2/28/2018
		7 - 17 ft	7 - 17 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	5 - 15 ft	5 - 15 ft	5 - 15 ft	5 - 15 ft	5 - 15 ft	5 - 15 ft	5 - 15 ft	5 - 15 ft	5 - 15 ft	5 - 10 ft	5 - 10 ft
		N	N	N	N	N	N	N	N	N	N	FD	N	N	N	FD	N	N	N	N	N	N	N
		Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site
Parameter	Units																						
Effective Date																							
Exceedance Key																							
Volatile Organic Compounds																							
1,1-Dichloroethane	ug/l	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U
1,1-Dichloroethylene	ug/l	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U
1,2-Dichloroethylene, cis	ug/l	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U
1,2-Dichloroethylene, trans	ug/l	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U
Trichloroethylene (TCE)	ug/l	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U
Semivolatile Organic Compounds																							
Benzo(b)fluoranthene	ug/l	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	--	< 0.10 U
Bis(2-ethylhexyl)phthalate	ug/l	< 5 U	--	< 2.0 U	< 2.1 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U	--	--	< 2.0 U	< 2.0 U	< 6 U	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	--	--	< 2.0 U
Pesticides																							
Dieldrin	ug/l	< 0.0058 U	--	< 0.0043 U	< 0.0043 U	< 0.0045 U	< 0.0047 U	< 0.0060 U	< 0.0054 U	< 0.0055 U	--	--	< 0.0043 U	< 0.0043 U	< 0.0048 U	< 0.0043 U	< 0.0046 U	< 0.0057 U	< 0.0054 UJ	< 0.0057 U	--	--	< 0.0043 U
Total Metals																							
Antimony	mg/l	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	0.00044 J	< 0.00045 U	< 0.00045 U
Arsenic	mg/l	< 0.00068 U	< 0.00068 U	0.0015 J	0.0011 J	< 0.00072 U	< 0.00068 U	< 0.00068 U	0.0012 J	0.0013 J	0.0021	0.002 J	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0026 J	< 0.00072 U
Barium	mg/l	0.315	0.025	0.326	0.295	0.300	0.269	0.134	0.270	0.206	0.355	0.35	0.0610	0.144	0.105	0.106	0.0706	0.0713	0.125	0.0907	0.0826	0.128	0.0391
Beryllium	mg/l	< 0.000091 U	< 0.00012 U	< 0.000071 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	< 0.00012 U	< 0.000071 U	< 0.000071 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	< 0.000071 U
Cadmium	mg/l	< 0.00015 U	< 0.00015 U	0.00021 J	0.00043 J	0.00032 J	0.00026 J	< 0.00015 U	0.00018 J	0.00016 J	0.00028 J	0.00027 J	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	0.00017 J	< 0.00015 U	< 0.00017 UB	< 0.00015 U	< 0.00015 U
Chromium	mg/l	0.0012 J	< 0.0012 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.0012 UB	< 0.00070 U	< 0.00052 UB	< 0.0006 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	0.0020	0.0073	< 0.00087 U
Copper	mg/l	< 0.0099 U	0.0019	0.0026 J	< 0.0012 UB	0.0014 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.00066 J	0.00068 J	0.0030 J	< 0.0016 UB	0.0023 J	0.0023 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.0042	0.0099	< 0.00087 UB
Iron	mg/l	<u>1.18</u>	0.125 J	<u>3.90</u>	<u>24.4</u>	<u>14.7</u>	<u>8.93</u>	<u>23.1</u>	<u>12.2</u>	<u>19.7</u>	<u>42.2</u>	<u>41.9</u>	0.145 J	< 0.0805 U	< 0.0805 U	< 0.0805 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	<u>0.420</u>	<u>9.22</u>	0.160 J
Lead	mg/l	< 0.0011 U	< 0.000071 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	< 0.000071 U	0.00017 J	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.0018	0.0083	< 0.00053 UB
Magnesium	mg/l	16.2	3.91	38.2	22.5	29.3	31.2	14.0	24.5	24.6	29.6	29.2	5.63	13.5	9.44	9.15	5.98	6.70	11.2	8.25	7.46	13.7	12.7
Manganese	mg/l	0.265	0.0044 J	<u>14.1</u>	<u>7.34</u>	<u>8.28</u>	<u>6.30</u>	<u>4.58</u>	<u>5.53</u>	<u>4.97</u>	<u>12.2</u>	<u>12.3</u>	0.192	0.0374	0.0218	0.0219	0.0444	0.0660	0.0656	0.0351	0.112	<u>0.787</u>	0.0104
Nickel	mg/l	0.0020 J	< 0.0006 U	0.0043	0.0025 J	< 0.0023 UB	0.0021 J	0.0012 J	0.0028 J	0.0024 J	0.0026	0.0027	0.0012 J	0.0013 J	< 0.0010 UB	< 0.0011 UB	0.0015 J	0.0016 J	0.0015 J	< 0.0010 UB	0.0019	0.0090	< 0.0010 U
Sodium	mg/l	<u>2080</u>	<u>208</u>	<u>76.4</u>	<u>192</u>	<u>120</u>	<u>98.8</u>	<u>129</u>	<u>214</u>	<u>207</u>	<u>78.6</u>	<u>77.3</u>	<u>229</u>	<u>389</u>	<u>358</u>	<u>347</u>	<u>254</u>	<u>229</u>	<u>387</u>	<u>361</u>	<u>289</u>	<u>205</u>	<u>168</u>
Thallium	mg/l	< 0.00011 U	< 0.00013 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00013 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00012 U	< 0.00012 U
Zinc	mg/l	0.0035 J	< 0.0037 U	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	0.0045 J	0.0044 J	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	0.0281	0.0279 J	0.0384 J
General Parameters																							
Chloride	mg/l	3950	--	82.3 J	380	143	116	146 J	368	386	--	--	341	785	587 J	582 J	438	385 J	664 J	631 J	--	--	322 J
Sulfate, as SO4	mg/l	91.7	--	21.3	21.4 J	10.1 J	9.4	19.0 J	14.3	16.7	--	--	24.3 J	28.6	24.2 J	24.6	18.0	22.5 J	24.4	22.4	--	--	15.1 J

Table 3
Shallow Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW31S 7/12/2018 5 - 10 ft N Off Site	MW31S 9/11/2018 5 - 10 ft N Off Site	MW31S 11/13/2018 5 - 10 ft N Off Site	MW31S 2/07/2019 5 - 10 ft N Off Site	MW31S 5/23/2019 5 - 10 ft N Off Site	MW31S 10/10/2019 5 - 10 ft N Off Site	MW32S 10/20/2017 8 - 18 ft N Off Site	MW32S 3/01/2018 8 - 18 ft N Off Site	MW32S 3/09/2018 8 - 18 ft N Off Site	MW32S 7/09/2018 8 - 18 ft N Off Site	MW32S 8/30/2018 8 - 18 ft N Off Site	MW32S 11/30/2018 8 - 18 ft N Off Site	MW32S 2/26/2019 8 - 18 ft N Off Site	MW32S 5/13/2019 8 - 18 ft N Off Site	MW32S 10/14/2019 8 - 18 ft N Off Site	MW33S 10/30/2017 5 - 15 ft N Off Site	MW33S 2/27/2018 5 - 15 ft N Off Site	MW33S 7/06/2018 5 - 15 ft N Off Site	MW33S 9/19/2018 5 - 15 ft N Off Site	MW33S 11/15/2018 5 - 15 ft N Off Site	MW33S 2/27/2019 5 - 15 ft N Off Site	MW33S 5/23/2019 5 - 15 ft N Off Site
Parameter	Units																						
Effective Date																							
Exceedance Key																							
Volatile Organic Compounds																							
1,1-Dichloroethane	ug/l	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,1-Dichloroethylene	ug/l	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2-Dichloroethylene, cis	ug/l	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2-Dichloroethylene, trans	ug/l	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Trichloroethylene (TCE)	ug/l	< 0.5 U	0.3 J	< 0.2 U	< 0.2 U	< 0.2 U	0.4 J	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Semivolatile Organic Compounds																							
Benzo(b)fluoranthene	ug/l	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 UJ	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Bis(2-ethylhexyl)phthalate	ug/l	--	< 6 U	< 5 U	< 5 U	< 6 U	--	< 2.0 UJ	< 2.0 U	< 2 U	< 5 U	< 5 U	< 5 UJ	< 6 U	< 5 U	--	< 2.0 U	< 2.0 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U
Pesticides																							
Dieldrin	ug/l	--	< 0.0047 U	< 0.0058 U	< 0.0053 U	< 0.0056 U	--	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0045 U	< 0.0045 U	< 0.0056 U	< 0.0064 UJ	< 0.0057 UJ	--	< 0.0043 U	< 0.0043 U	< 0.0059 U	< 0.0045 U	< 0.0055 U	< 0.0055 U	< 0.0058 U
Total Metals																							
Antimony	mg/l	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00058 UB	< 0.00041 U	0.00042 J
Arsenic	mg/l	0.0015 J	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0011 J	0.00094 J	0.0013 J	0.0011 J	< 0.00068 U	< 0.00068 U	0.00097 J	0.00085 J	< 0.00068 U	< 0.00068 U	0.00087 J	0.0012 J	< 0.00068 U	< 0.00068 U	0.0022	0.0011 J	0.0016 J
Barium	mg/l	0.116	0.0935	0.0279	0.0316	0.0507	0.077	0.180	0.191	0.157	0.126	0.135	0.167	0.140	0.141	0.165	0.0991	0.192	0.150	0.168	0.0404	0.112	0.0647
Beryllium	mg/l	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	< 0.000071 U	0.00011 J	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	0.000092 J	< 0.000091 U	< 0.00012 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	0.00012 J	< 0.000091 U	< 0.000091 U
Cadmium	mg/l	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U
Chromium	mg/l	0.0033 J	0.00096 J	0.00081 J	0.00070 J	0.0012 J	< 0.003 UB	0.0019 J	0.0021 J	0.0033 J	< 0.00070 U	0.0013 J	0.0021 J	0.0019 J	< 0.00076 UB	< 0.0015 UB	0.0011 J	< 0.0027 UB	0.0012 J	0.00098 J	0.0040	0.0020 J	0.0021 J
Copper	mg/l	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.0034	0.0025 J	< 0.0037 UB	0.0022 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.0011	0.0025 J	< 0.0041 UB	< 0.0099 U	< 0.0099 U	0.0103 J	< 0.0099 U	< 0.0099 U
Iron	mg/l	<u>2.65</u>	<u>0.362 J</u>	< 0.0400 U	<u>0.345</u>	<u>0.647</u>	<u>2.11</u>	<u>2.68</u>	<u>1.69</u>	<u>2.22</u>	0.123 J	0.175 J	<u>1.29</u>	<u>1.76</u>	0.200	<u>0.956 J</u>	<u>0.332 J</u>	<u>1.90</u>	<u>0.564</u>	0.0459 J	<u>1.50</u>	<u>1.61</u>	<u>0.929</u>
Lead	mg/l	0.0030 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.0023	0.0012 J	0.0033	0.0013 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.00059	0.0049	0.0028	< 0.0011 U	< 0.0011 U	0.0052	0.0016 J	0.0013 J
Magnesium	mg/l	26.0	21.1	6.55	13.0	18.1	17.5	46.1	50.5	44.9	47.1	48.4	41.0	46.6	46.0	45.6	31.9	34.4	38.7	44.4	4.25	23.3	12.6
Manganese	mg/l	0.100	0.0159 J	0.0019 J	0.0113 J	0.0180 J	0.0574	0.171	0.187	0.0791	0.0757	0.0185 J	0.0477	0.0533	0.0146 J	0.0326 J	0.530	0.0609	0.0362 J	0.175	0.263	0.132	0.0953
Nickel	mg/l	0.0026 J	0.00083 J	< 0.00060 U	0.00077 J	0.00088 J	0.0019	0.0018 J	0.0018 J	0.0023 J	< 0.00060 U	< 0.00060 U	< 0.0023 UB	0.0016 J	0.0012 J	0.001	0.0012 J	0.0022 J	< 0.00085 UB	0.00076 J	0.0030 J	0.0017 J	0.0012 J
Sodium	mg/l	<u>264</u>	<u>294</u>	<u>161</u>	<u>142</u>	<u>194</u>	<u>215</u>	<u>103</u>	<u>182</u>	<u>133</u>	<u>79.4</u>	<u>72.7</u>	<u>153</u>	<u>126</u>	<u>124</u>	<u>110</u>	<u>42.5</u>	<u>558</u>	<u>138</u>	<u>185</u>	<u>103</u>	<u>195</u>	<u>183</u>
Thallium	mg/l	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U
Zinc	mg/l	0.0187 J	0.0097 J	< 0.0057 UB	0.124	0.0137 J	0.0245	0.0089 J	0.0096 J	0.0132 J	< 0.0030 U	0.0031 J	< 0.0064 UB	0.0060 J	< 0.0030 U	< 0.0185 U	0.0145 J	0.0069 J	0.0041 J	0.0039 J	< 0.0061 UB	0.0067 J	0.0050 J
General Parameters																							
Chloride	mg/l	738	543 J	157	324	413	--	334	507	431	270	303	319 J	450	363	--	177	1020	393 J	333	42.2 J	436	190
Sulfate, as SO4	mg/l	22.4 J	20.8 J	17.7	19.2 J	22.2	--	56.0	57.6	52.5	54.0	62.9	47.1 J	43.0	55.3	--	46.4	42.6 J	42.5 J	38.4	10.7 J	18.3	15.1

Table 3
Shallow Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW33S	MW34S	MW34S	MW34S	MW34S	MW34S	MW34S	MW34S	MW34S	MW35I	MW35I		MW35I	MW35I	MW35I	MW35I	MW35I	MW35I	MW35S	MW35S	MW35S	MW35S
		10/16/2019	10/19/2017	2/28/2018	7/09/2018	9/11/2018	11/20/2018	2/28/2019	5/20/2019	10/16/2019	10/31/2017	3/26/2018		6/21/2018	8/22/2018	11/29/2018	3/11/2019	6/03/2019	10/03/2019	10/19/2017	2/28/2018	7/11/2018	9/04/2018
		5 - 15 ft	10 - 20 ft	10 - 20 ft	10 - 20 ft	10 - 20 ft	10 - 20 ft	10 - 20 ft	10 - 20 ft	10 - 20 ft	45 - 55 ft	45 - 55 ft	45 - 55 ft	45 - 55 ft	45 - 55 ft	45 - 55 ft	45 - 55 ft	45 - 55 ft	45 - 55 ft	5 - 15 ft	5 - 15 ft	5 - 15 ft	5 - 15 ft
		N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N
		Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site
Parameter	Units																						
Effective Date																							
Exceedance Key																							
Volatile Organic Compounds																							
1,1-Dichloroethane	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U
1,1-Dichloroethylene	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U
1,2-Dichloroethylene, cis	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U
1,2-Dichloroethylene, trans	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U
Trichloroethylene (TCE)	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U
Semivolatile Organic Compounds																							
Benzo(b)fluoranthene	ug/l	--	< 0.10 UJ	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 UJ	< 0.11 U	< 0.1 U	< 0.1 U
Bis(2-ethylhexyl)phthalate	ug/l	--	< 2.0 UJ	< 2.0 U	< 5 U	< 5 U	< 5 U	< 7 U	< 5 U	--	< 2.0 U	< 2 U	< 2 U	< 5 U	< 5 U	< 6 U	< 6 U	< 5 U	--	< 2.0 UJ	< 2.1 U	< 5 U	< 5 U
Pesticides																							
Dieldrin	ug/l	--	< 0.0043 UJ	< 0.0070 UJ	< 0.0046 U	< 0.0044 U	< 0.0058 U	< 0.0068 UJ	< 0.0053 U	--	< 0.0043 UJ	< 0.0047 U	< 0.0046 U	< 0.0044 U	< 0.0042 U	< 0.0058 U	< 0.0054 U	< 0.0055 U	--	< 0.0043 U	< 0.0044 U	< 0.0043 U	< 0.0047 U
Total Metals																							
Antimony	mg/l	0.00044 J	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U
Arsenic	mg/l	0.0034	0.0063	0.0019 J	0.00096 J	< 0.00068 U	< 0.00068 U	0.0020	< 0.00068 U	< 0.00068 U	0.0013 J	0.00093 J	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0010 J	< 0.00072 U	0.0022 J	0.00093 J
Barium	mg/l	0.238	0.262	0.150	0.119	0.104	0.105	0.128	0.101	0.129	0.195	0.165	0.164	0.142	0.197	0.141	0.189	0.175	0.170 J	0.0478	0.184	0.0874	0.0501
Beryllium	mg/l	0.00033 J	0.00068 J	0.00015 J	< 0.000091 U	< 0.000091 U	< 0.000091 U	0.00013 J	< 0.000091 U	< 0.00012 U	0.00012 J	< 0.000071 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	< 0.000071 U	< 0.000071 U	0.00015 J	< 0.000091 U
Cadmium	mg/l	0.00016 J	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	
Chromium	mg/l	0.0081	0.0170	< 0.0035 UB	0.0018 J	0.00088 J	0.0014 J	0.0049	< 0.00093 UB	< 0.0013 UB	0.0037 J	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00090 UB	0.0024 J	< 0.0013 UB	0.0060 J	0.0020 J
Copper	mg/l	0.0111	0.0225	< 0.0065 UB	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.00047 J	0.0065	0.00087 J	0.00092 J	< 0.00054 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.00038 J	0.0033 J	< 0.0012 UB	< 0.0099 U	< 0.0099 U
Iron	mg/l	7.9	30.4	2.83	1.02	0.194 J	0.288	5.35	0.154 J	0.234	2.47	0.553	0.505	0.0656 J	0.281 J	0.310	0.285	0.129 J	0.246	1.14	0.110 J	3.93	0.144 J
Lead	mg/l	0.011	0.0130	0.0043	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.0029 J	< 0.0011 U	0.00014 J	0.0014 J	0.00033 J	0.00048 J	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.00010 J	0.00092 J	< 0.00039 UB	0.0041 J	< 0.0011 U
Magnesium	mg/l	47.1	32.0	27.8	27.5	26.3	24.5	26.6	26.9	29.1	32.8	31.3	31.4	29.1	33.6	32.5	34.2	29.7	30.6	5.38	23.7	9.11	8.50
Manganese	mg/l	0.535	0.906	0.311	0.0450	0.0133 J	0.0191 J	0.187	0.0072 J	0.0101	0.562	0.464	0.457	0.432	0.553	0.522	0.546	0.463	0.458	0.0428	0.0114	0.177	0.0067 J
Nickel	mg/l	0.0088	0.0204	0.0033 J	0.0016 J	< 0.00060 U	< 0.00060 U	< 0.0058 UB	< 0.00060 U	< 0.0006 U	0.0026 J	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.00060 U	< 0.0024 UB	< 0.00060 U	< 0.00060 U	< 0.00060 U	0.0012 J	< 0.0010 U	0.0047 J	< 0.00060 U
Sodium	mg/l	145	35.0	51.9	59.1	58.8	66.3	56.5	74.8	64.9	16.3	14.6	14.7	13.7	15.5	14.6	15.6	13.9	14.7	207	810	428	327
Thallium	mg/l	< 0.00013 U	0.00014 J	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U
Zinc	mg/l	0.0309	0.0836	0.0142 J	0.0056 J	0.0046 J	< 0.0050 UB	0.0213	0.0057 J	0.0093 J	0.0083 J	< 0.0065 U	< 0.0065 U	< 0.0030 U	0.0047 J	< 0.0030 U	< 0.0030 U	0.0036 J	0.0043 J	< 0.0065 U	< 0.0065 U	0.0515	0.0039 J
General Parameters																							
Chloride	mg/l	--	83.0	127 J	138	137 J	135 J	132	179	--	8.0	7.3	7.8	6.6 J	7.4	7.2 J	7.0 J	6.7	--	159	1590 J	615 J	460
Sulfate, as SO4	mg/l	--	37.1	43.3 J	40.1	36.5 J	32.4	40.4 J	32.3	--	24.9	23.4 J	25.0 J	20.7	25.1	23.1 J	25.5	21.7	--	25.0	25.3 J	29.0	33.4

Table 3
Shallow Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW35S 1/09/2019 5 - 15 ft N Off Site	MW35S 3/11/2019 5 - 15 ft N Off Site	MW35S 5/23/2019 5 - 15 ft N Off Site	MW35S 10/04/2019 5 - 15 ft N Off Site	MW36I 11/01/2017 38 - 43 ft N Off Site	MW36I 3/28/2018 38 - 43 ft N Off Site	MW36I 7/02/2018 38 - 43 ft N Off Site	MW36I 8/28/2018 38 - 43 ft N Off Site	MW36I 11/28/2018 38 - 43 ft N Off Site	MW36I 3/15/2019 38 - 43 ft N Off Site	MW36I 6/12/2019 38 - 43 ft N Off Site	MW36I 10/03/2019 38 - 43 ft N Off Site	MW36S 10/12/2017 5 - 15 ft N Off Site	MW36S 3/12/2018 5 - 15 ft N Off Site	MW36S 6/13/2018 5 - 15 ft N Off Site	MW36S 9/04/2018 5 - 15 ft N Off Site	MW36S 11/26/2018 5 - 15 ft N Off Site	MW36S 2/20/2019 5 - 15 ft N Off Site	MW36S 6/06/2019 5 - 15 ft N Off Site	MW36S 10/03/2019 5 - 15 ft N Off Site	MW37 5/29/2019 7 - 17 ft N Off Site	MW37 10/03/2019 7 - 17 ft N Off Site
Parameter	Units																						
Effective Date																							
Exceedance Key																							
Volatile Organic Compounds																							
1,1-Dichloroethane	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 UJ	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,1-Dichloroethylene	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 UJ	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2-Dichloroethylene, cis	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 UJ	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2-Dichloroethylene, trans	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 UJ	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Trichloroethylene (TCE)	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 UJ	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Semivolatile Organic Compounds																							
Benzo(b)fluoranthene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.50 U	< 0.1 UJ	< 0.1 U	< 0.1 U	--	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U	--	< 0.1 U	--
Bis(2-ethylhexyl)phthalate	ug/l	< 5 U	< 6 U	< 6 U	--	< 10 U	< 2 UJ	< 5 U	< 7 U	--	< 6 U	9 J	--	< 2.0 U	< 2 U	< 5 U	< 6 U	< 5 U	< 5 UJ	< 6 U	--	< 5 U	--
Pesticides																							
Dieldrin	ug/l	< 0.0053 U	< 0.0057 U	< 0.0058 U	--	< 0.0043 R	< 0.0045 UJ	< 0.0044 R	< 0.0043 R	--	< 0.0065 U	< 0.0054 UJ	--	< 0.0043 U	< 0.0045 U	< 0.0044 U	< 0.0048 U	< 0.0053 U	< 0.0053 U	< 0.0058 U	--	< 0.0055 UJ	--
Total Metals																							
Antimony	mg/l	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	0.00059 J	< 0.00078 UB	0.0014 J	0.00051 J	0.00049 J	0.00071 J	0.00087 J	0.00076 J	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	0.00051 J	< 0.0011 UB
Arsenic	mg/l	0.0011 J	0.00072 J	< 0.00068 U	0.00082 J	0.0175	<u>0.0960</u>	<u>0.0879</u>	<u>0.0397</u>	0.0138	<u>0.0939</u>	<u>0.0432</u>	0.0073	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0080	<u>0.0479</u>
Barium	mg/l	0.0606	0.0874	0.115	0.0286	0.966	<u>3.30</u>	<u>2.18</u>	<u>1.07</u>	0.320 J	<u>3.37</u>	0.698	0.0243	0.0159	0.127	0.0537	0.0261	0.0181 J	0.0516	0.0374	0.0221 J	0.148	0.496
Beryllium	mg/l	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	0.0027	0.0111	0.0103	0.0047	0.0012	0.0074	0.0036	< 0.00012 U	< 0.000071 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	0.00049 J
Cadmium	mg/l	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	0.00073 J	0.0013	0.0013 J	0.00041 J	< 0.00015 U	<u>0.0074</u>	0.0015	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	0.00044 J
Chromium	mg/l	0.0022 J	0.0016 J	0.0011 J	< 0.0015 UB	0.0092	<u>0.310</u>	<u>0.189</u>	<u>0.0913</u>	0.0295	<u>0.154</u>	<u>0.113</u>	< 0.0021 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	0.0011 J	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00078 UB	0.0204	<u>0.135</u>
Copper	mg/l	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.0022	0.173	<u>0.589</u>	<u>0.399</u>	0.177	0.0411	<u>0.597</u>	0.197	0.0052	0.0012 J	0.00082 J	0.00069 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.00083 UB	0.0308 J
Iron	mg/l	<u>1.39</u>	<u>0.871</u>	0.105 J	<u>0.388</u>	<u>13.6</u>	<u>455</u>	<u>325</u>	<u>149</u>	<u>39.1</u>	<u>412</u>	<u>106</u>	<u>1.11</u>	< 0.0805 U	<u>0.350 J</u>	< 0.0805 U	< 0.0400 U	0.0859 J	< 0.0595 UB	0.169 J	< 0.0400 U	<u>27.4</u>	<u>215</u>
Lead	mg/l	0.0014 J	< 0.0011 U	< 0.0011 U	< 0.00042 UB	<u>0.0749</u>	<u>0.245</u>	<u>0.187</u>	<u>0.0758</u>	0.0185	<u>0.335</u>	<u>0.0947</u>	0.0013	< 0.00011 U	0.00061 J	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.00071 U	0.0130	<u>0.102</u>
Magnesium	mg/l	7.00	13.2	17.0	3.99	15.2	111	85.9	43.2	14.6	197	57.3	2.78	3.24	13.9	7.91	3.90	3.22	8.53	4.43	3.98	47.9	102
Manganese	mg/l	0.0575	0.0305	0.0067 J	0.0176	<u>3.30</u>	<u>8.78</u>	<u>6.64</u>	<u>3.47</u>	<u>0.767</u>	<u>45.3</u>	<u>5.06</u>	0.0277	0.0119	0.0152	< 0.0016 U	< 0.0011 U	0.0019 J	< 0.0020 UB	0.0045 J	< 0.0030 U	<u>1.11</u>	<u>4.89</u>
Nickel	mg/l	0.0014 J	0.0010 J	< 0.00060 U	< 0.00068 UB	0.0255	<u>0.428</u>	<u>0.328</u>	<u>0.146</u>	0.0411	<u>0.331</u>	<u>0.202</u>	0.0018	< 0.0010 U	0.0012 J	< 0.0010 U	< 0.00060 U	< 0.00060 U	< 0.00060 U	< 0.00060 U	< 0.00060 U	0.0286	0.213
Sodium	mg/l	<u>288</u>	<u>441</u>	<u>626</u>	<u>217</u>	<u>40.6</u>	<u>24.7</u>	<u>28.3</u>	<u>26.7</u>	<u>20.7</u>	15.6	17.2	<u>26.1</u>	<u>72.0</u>	<u>319</u>	<u>186</u>	<u>139</u>	<u>95.3</u>	<u>157</u>	<u>199</u>	<u>93.2</u>	<u>177</u>	<u>203</u>
Thallium	mg/l	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00012 U	0.0019	0.0013	0.00072 J	0.00017 J	0.00098	0.00049 J	< 0.00013 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	0.00016 J	0.00052
Zinc	mg/l	0.0089 J	0.0058 J	0.0057 J	0.0071 J	0.151	1.19	0.889	0.449	0.126	0.855	0.337	0.0214	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.0030 U	< 0.0035 UB	< 0.0038 UB	0.0088 J	0.0045 J	0.0564	0.864
General Parameters																							
Chloride	mg/l	<u>517</u>	<u>913 J</u>	<u>1070</u>	--	3.6	3.1	3.2	3.4	3.4	2.9	2.8	--	55.2 J	<u>674</u>	<u>353</u>	199	98.0	<u>288 J</u>	<u>273</u>	--	<u>436</u>	--
Sulfate, as SO4	mg/l	15.6	13.8	26.7	--	13.9	16.9	18.3	14.6	6.9	24.7	9.5	--	12.4	10.8	9.4 J	13.2	8.0	6.6	10.3	--	28.1	--

Table 3
Shallow Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW38S 5/24/2019 6 - 11 ft N Off Site	MW39S 5/24/2019 3 - 7 ft N Off Site	MW39S 10/03/2019 3 - 7 ft N Off Site	MW40S 5/22/2019 4 - 14 ft N Off Site	MW40S 10/03/2019 4 - 14 ft N Off Site	MW42S 10/11/2019 5 - 15 ft N Off Site	PZ01S 9/28/2017 5 - 15 ft N Off Site	PZ01S 2/05/2018 5 - 15 ft N Off Site	PZ01S 6/18/2018 5 - 15 ft N Off Site	PZ01S 9/12/2018 5 - 15 ft N Off Site5 - 15 ft FD Off Site		PZ01S 12/03/2018 5 - 15 ft N Off Site	PZ01S 2/27/2019 5 - 15 ft N Off Site	PZ01S 5/21/2019 5 - 15 ft N Off Site
Parameter	Units														
Effective Date															
Exceedance Key															
Volatile Organic Compounds															
1,1-Dichloroethane	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,1-Dichloroethylene	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2-Dichloroethylene, cis	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2-Dichloroethylene, trans	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Trichloroethylene (TCE)	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Semivolatile Organic Compounds															
Benzo(b)fluoranthene	ug/l	< 0.1 U	< 0.1 U	--	< 0.1 U	--	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Bis(2-ethylhexyl)phthalate	ug/l	< 5 U	< 5 U	--	< 5 U	--	--	< 2.0 U	< 2.0 U	< 5 U	< 6 U	< 6 U	< 5 U	< 5 U	< 5 U
Pesticides															
Dieldrin	ug/l	< 0.0055 U	< 0.0061 U	--	< 0.0057 U	--	--	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0046 U	< 0.0046 U	< 0.0053 U	< 0.0054 U	< 0.0053 U
Total Metals															
Antimony	mg/l	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U
Arsenic	mg/l	0.0036	< 0.00068 U	0.0020	< 0.00068 U	< 0.00068 U	0.0031	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U
Barium	mg/l	0.262	0.0243	0.0725	0.0341	0.0401 J	0.17	0.0348	0.0229	0.0383	0.0401	0.0387	0.0210	0.0216	0.0175
Beryllium	mg/l	< 0.000091 U	< 0.000091 U	0.00022 J	< 0.000091 U	< 0.00012 U	0.00031 J	< 0.000071 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U
Cadmium	mg/l	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	0.00056	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U
Chromium	mg/l	0.0017 J	< 0.00070 U	0.0051	< 0.00071 UB	< 0.0011 UB	0.0082	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U
Copper	mg/l	< 0.0099 U	< 0.0099 U	0.0064	< 0.0099 U	< 0.0013 UB	0.0194	0.0012 J	0.0014 J	0.0010 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U
Iron	mg/l	<u>0.559</u>	0.0485 J	<u>5.33</u>	< 0.0400 U	0.170 J	<u>16.3</u>	< 0.0805 U	0.185 J	< 0.0400 U	< 0.0400 U	< 0.0400 U	<u>0.349</u>	0.0422 J	< 0.0400 U
Lead	mg/l	< 0.0011 U	< 0.0011 U	0.0034	< 0.0011 U	0.00017 J	0.0064	< 0.00011 U	0.00023 J	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U
Magnesium	mg/l	11.1	13.0	19.7	12.5	8.91	23.9	7.94	6.00	9.87	8.79	8.78	6.13	7.43	6.12
Manganese	mg/l	0.0824	0.0032 J	0.185	0.0041 J	0.0183	0.223	0.0486	0.0126	0.0016 J	0.0014 J	< 0.0011 U	0.0264	< 0.0020 UB	0.0025 J
Nickel	mg/l	0.0025 J	< 0.00060 U	0.0060	< 0.00060 U	< 0.00060 U	0.017	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.00060 U	< 0.00060 U	0.00064 J	< 0.00060 U	< 0.00060 U
Sodium	mg/l	<u>626</u>	<u>32.5</u>	<u>44.6</u>	<u>107</u>	<u>155</u>	<u>48.9</u>	<u>30.3</u>	<u>42.8</u>	<u>46.5</u>	<u>42.6</u>	<u>42.0</u>	<u>32.6</u>	<u>58.4</u>	<u>30.2</u>
Thallium	mg/l	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00011 U	< 0.00013 U	< 0.00013 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U
Zinc	mg/l	0.0420	0.0063 J	0.0930	< 0.0030 U	< 0.0037 U	0.034	< 0.0065 U	< 0.0065 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U
General Parameters															
Chloride	mg/l	937	71.2	--	223	--	--	40.1 J	73.3	96.9	72.2 J	68.3 J	47.9	123	45.6
Sulfate, as SO4	mg/l	44.4	17.2	--	23.0	--	--	10.3	14.6	12.9	9.3 J	11.0	8.3	10.9	8.6

Table 3
Shallow Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		PZ01S 10/16/2019		PZ02S 9/28/2017	PZ02S 6/19/2018	PZ02S 9/13/2018	PZ02S 12/04/2018	PZ02S 3/11/2019		PZ02S 5/31/2019	PZ02S 10/24/2019	PZ03S 9/28/2017	PZ03S 2/08/2018	PZ03S 6/19/2018	PZ03S 9/13/2018	PZ03S 12/04/2018	PZ03S 3/07/2019	PZ03S 5/30/2019	PZ03S 10/24/2019	PZ04S 10/04/2017	PZ04S 2/16/2018	PZ04S 6/20/2018	PZ04S 9/14/2018
		5 - 15 ft N Off Site	5 - 15 ft FD Off Site	5 - 15 ft N Off Site	5 - 15 ft N Off Site	5 - 15 ft N Off Site	5 - 15 ft N Off Site	5 - 15 ft N Off Site	5 - 15 ft FD Off Site	5 - 15 ft N Off Site	5 - 15 ft N Off Site	5 - 13 ft N Off Site	5 - 13 ft N Off Site	5 - 13 ft N Off Site	5 - 13 ft N Off Site	5 - 13 ft N Off Site	5 - 13 ft N Off Site	5 - 13 ft N Off Site	5 - 13 ft N Off Site	5 - 10 ft N Off Site	5 - 10 ft N Off Site	5 - 10 ft N Off Site	5 - 10 ft N Off Site
Parameter	Units																						
Effective Date																							
Exceedance Key																							
Volatile Organic Compounds																							
1,1-Dichloroethane	ug/l	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 UJ	< 0.2 U
1,1-Dichloroethylene	ug/l	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 UJ	< 0.2 U
1,2-Dichloroethylene, cis	ug/l	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 UJ	< 0.2 U
1,2-Dichloroethylene, trans	ug/l	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 UJ	< 0.2 U
Trichloroethylene (TCE)	ug/l	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 UJ	< 0.2 U
Semivolatile Organic Compounds																							
Benzo(b)fluoranthene	ug/l	--	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.11 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.11 U	< 0.10 U	< 0.1 U	< 0.1 U
Bis(2-ethylhexyl)phthalate	ug/l	--	--	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	--	< 2.0 U	< 2.1 U	< 5 U	< 6 U	< 5 U	< 5 U	< 6 U	--	< 2.2 U	< 2.1 U	< 5 U	< 6 U
Pesticides																							
Dieldrin	ug/l	--	--	< 0.0043 U	< 0.0043 U	< 0.0044 U	< 0.0053 U	< 0.0055 U	< 0.0054 U	< 0.0053 U	--	< 0.0043 U	< 0.0043 U	< 0.0046 U	< 0.0047 U	< 0.0054 U	< 0.0056 U	< 0.0057 U	--	< 0.0049 U	< 0.0043 U	< 0.0045 U	< 0.0046 U
Total Metals																							
Antimony	mg/l	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	0.0012 J	< 0.00041 U
Arsenic	mg/l	< 0.00068 U	< 0.00068 U	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0024 J	< 0.00072 U	<u>0.116</u> < 0.00068 U
Barium	mg/l	0.0418	0.0442	0.0523	0.0374	0.0415	0.0354	0.0392	0.0379	0.0306	0.0437	0.0490	0.0546	0.0261	0.0379	0.0384	0.0322	0.0264	0.0427	0.213	0.0356	<u>1.61</u>	0.0386
Beryllium	mg/l	< 0.00012 U	< 0.00012 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	< 0.000071 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	0.00041 J	< 0.000071 U	0.0110	< 0.000091 U
Cadmium	mg/l	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	0.00036 J	< 0.00015 U	0.0041	< 0.00015 U
Chromium	mg/l	< 0.00052 UB	< 0.00058 UB	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00043 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00052 UB	0.0060	< 0.00087 U	<u>0.236</u> < 0.00070 U
Copper	mg/l	0.0012	0.0013	0.00059 J	0.00085 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.00058 J	0.00093 J	0.00080 J	0.0012 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.0012	0.0325	0.00096 J	<u>0.570</u> < 0.0099 U
Iron	mg/l	< 0.04 U	< 0.04 U	< 0.0805 U	< 0.0400 U	< 0.0400 U	0.0935 J	0.133 J	0.105 J	< 0.0400 U	< 0.04 U	< 0.0805 U	< 0.0805 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.04 U	<u>14.0</u>	< 0.0805 U	<u>651</u> < 0.0400 U
Lead	mg/l	< 0.000071 U	< 0.000071 U	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	0.0127	< 0.00011 U	<u>0.257</u> < 0.0011 U
Magnesium	mg/l	9.38	9.11	8.86	6.26	9.78	9.01	7.93	7.90	6.05	8.62	8.61	10.4	8.02	8.40	11.2	12.2	12.6	14.8	16.9	10.5	222	8.33
Manganese	mg/l	< 0.003 U	< 0.003 U	0.0354	0.0030 J	< 0.0011 U	< 0.0064 UB	0.0084 J	< 0.0051 UB	0.0023 J	< 0.003 U	0.0137	< 0.0016 U	< 0.0011 U	0.0021 J	< 0.0046 UB	< 0.0049 UB	0.0036 J	0.0033 J	<u>0.827</u>	0.0054 J	<u>14.6</u>	0.0070 J
Nickel	mg/l	< 0.0006 U	< 0.0006 U	< 0.0010 U	< 0.0010 U	< 0.00060 U	< 0.00060 U	< 0.00060 U	< 0.00060 U	< 0.00060 U	< 0.0006 U	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.00060 U	< 0.00060 U	< 0.00060 U	0.00070 J	< 0.0006 U	0.0099	< 0.0010 U	<u>0.505</u>	< 0.00060 U
Sodium	mg/l	<u>38.7</u>	<u>37.7</u>	<u>27.6</u>	<u>39.7</u>	<u>36.2</u>	<u>25.4</u>	<u>30.6</u>	<u>30.6</u>	<u>36.5</u>	<u>33.9</u>	<u>35.2</u>	<u>42.2</u>	<u>40.6</u>	<u>43.8</u>	<u>28.1</u>	<u>36.3</u>	<u>31.9</u>	<u>31.2</u>	<u>44.4</u>	<u>53.5</u>	<u>40.9</u>	<u>44.5</u>
Thallium	mg/l	< 0.00013 U	< 0.00013 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00012 U	< 0.00012 U	< 0.00011 U
Zinc	mg/l	< 0.0037 U	< 0.0037 U	< 0.0065 U	< 0.0030 U	0.0037 J	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	0.0039 J	< 0.0065 U	< 0.0065 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	0.0501	< 0.0065 U	1.54	< 0.0030 U
General Parameters																							
Chloride	mg/l	--	--	49.1 J	48.2	41.7	24.0	98.8 J	66.8 J	52.0	--	55.9 J	90.3	51.2	47.2	38.1 J	62.8	54.8	--	58.4	156	63.5	52.3
Sulfate, as SO4	mg/l	--	--	11.8	11.9	13.0	10.6	10.7	11.4	10.1	--	13.1	16.0	11.6	12.2	9.3 J	9.6	9.1	--	16.8 J	15.0	15.3	12.2

Table 3
Shallow Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		PZ04S	PZ04S	PZ04S	PZ04S	PZ05S	PZ05S	PZ05S	PZ05S		PZ05S	PZ05S	PZ05S	PZ05S	PZ06S	PZ06S	PZ06S	PZ06S	PZ06S	PZ06S	PZ06S	PZ06S	PZ06S
		12/05/2018	3/08/2019	5/15/2019	10/23/2019	10/02/2017	2/16/2018	6/21/2018	9/17/2018		12/10/2018	3/11/2019	5/29/2019	10/16/2019	10/04/2017	2/15/2018	6/20/2018	9/14/2018	12/05/2018	3/12/2019	5/15/2019	10/23/2019	10/05
		5 - 10 ft	5 - 10 ft	5 - 10 ft	5 - 10 ft	7 - 12 ft	7 - 12 ft	7 - 12 ft	7 - 12 ft	7 - 12 ft	7 - 12 ft	7 - 12 ft	7 - 12 ft	7 - 12 ft	6 - 11 ft	6 - 11 ft	6 - 11 ft	6 - 11 ft	6 - 11 ft	6 - 11 ft	6 - 11 ft	6 - 11 ft	8 - 18 ft
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site
Parameter	Units																						
Effective Date																							
Exceedance Key																							
Volatile Organic Compounds																							
1,1-Dichloroethane	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U
1,1-Dichloroethylene	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U
1,2-Dichloroethylene, cis	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U
1,2-Dichloroethylene, trans	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U
Trichloroethylene (TCE)	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U
Semivolatile Organic Compounds																							
Benzo(b)fluoranthene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U
Bis(2-ethylhexyl)phthalate	ug/l	< 5 U	< 5 U	< 5 U	--	< 2.0 U	< 2.0 U	< 5 U	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U
Pesticides																							
Dieldrin	ug/l	< 0.0054 U	< 0.0053 U	< 0.0054 U	--	< 0.0043 U	< 0.0043 U	< 0.0044 U	< 0.0046 U	< 0.0045 U	< 0.0056 UJ	< 0.0054 U	< 0.0057 U	--	< 0.0043 U	< 0.0043 U	< 0.0046 U	< 0.0047 U	< 0.0053 U	< 0.0053 U	< 0.0053 U	--	< 0.0043 U
Total Metals																							
Antimony	mg/l	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U
Arsenic	mg/l	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0089	0.0019 J	0.0011 J	0.0029 J	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00072 U
Barium	mg/l	0.0243	0.0258	0.0181	0.0285	0.0435 J	0.0312	0.0400	0.0432 J	0.0337 J	0.0255	0.0309	0.0259	0.0462	0.116	0.0583	0.0678	0.0751	0.0439	0.0531	0.0367	0.0591	0.0222
Beryllium	mg/l	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	< 0.000071 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000071 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	< 0.000071 U
Cadmium	mg/l	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	0.00020 J	0.00041 J	0.00038 J	0.00022 J	< 0.00015 U	< 0.00015 U	0.00034 J	< 0.00015 U
Chromium	mg/l	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00051 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	0.00071 J	< 0.00070 U	< 0.00070 U	< 0.0006 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00047 UB	< 0.00087 U
Copper	mg/l	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.0015	0.0011 J	0.0017 J	0.0011 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.00095 J	< 0.00054 U	0.0018 J	0.0025 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.003
Iron	mg/l	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.04 U	< 0.0805 U	< 0.0805 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.04 U	<u>17.8</u>	<u>1.18</u>	<u>1.81</u>	<u>8.04</u>	< 0.0400 U	0.291	0.0664 J	<u>0.547</u>	< 0.0805 U
Lead	mg/l	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	< 0.00011 U	< 0.00011 U	0.00012 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	< 0.00011 U
Magnesium	mg/l	7.41	8.55	6.15	9.07	8.20	5.51	8.45	7.99	7.89	5.75	7.00	5.49	8.64	9.38	7.80	9.16	8.97	7.51	7.80	5.95	8.34	6.63
Manganese	mg/l	< 0.0070 UB	< 0.0012 UB	0.0671	< 0.003 U	0.0017 J	0.0036 J	0.0027 J	< 0.0011 U	0.0014 J	0.0022 J	< 0.0011 U	< 0.0011 U	< 0.003 U	<u>7.21</u>	<u>0.327</u>	<u>1.30</u>	2.50	<u>0.555</u>	0.191	0.0656	<u>1.29</u>	0.0194
Nickel	mg/l	0.00061 J	< 0.00060 U	< 0.00060 U	< 0.0006 U	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.00060 U	0.00068 J	< 0.0013 UB	< 0.00060 U	< 0.00060 U	0.0022	0.0021 J	0.0015 J	< 0.0025 UB	0.0032 J	0.0015 J	0.00086 J	0.00079 J	0.0022	< 0.0010 U
Sodium	mg/l	<u>32.3</u>	<u>50.3</u>	<u>39.5</u>	<u>35.1</u>	<u>34.0</u>	<u>73.9</u>	<u>43.5</u>	<u>41.0</u>	<u>40.3</u>	<u>27.8</u>	<u>47.9</u>	<u>28.4</u>	<u>34.9</u>	<u>42.3</u>	<u>61.3</u>	<u>58.6</u>	<u>56.4</u>	<u>36.3</u>	<u>59.8</u>	<u>40.9</u>	<u>62.6</u>	<u>33.0</u>
Thallium	mg/l	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00012 U
Zinc	mg/l	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0037 U	< 0.0065 U	< 0.0065 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0037 U	< 0.0065 U	< 0.0065 U	< 0.0030 U	0.0035 J	< 0.0030 U	< 0.0030 U	< 0.0030 U	0.004 J	< 0.0065 U
General Parameters																							
Chloride	mg/l	48.1 J	87.0	47.5 J	--	48.5 J	153	83.8 J	61.9	61.2	41.2	107 J	37.0	--	57.8	193	100	88.8	48.9	144 J	53.7 J	--	51.0
Sulfate, as SO4	mg/l	10 J	12.5	9.6 J	--	10.8	7.2	11.8	10.8	11.1	8.5	12.0	8.8	--	4.9 J	15.4	8.3	9.0	9.3	13.1	9.6 J	--	12.3 J

Table 3
Shallow Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		J7S /2017	PZ07S 2/05/2018	PZ07S 6/22/2018		PZ07S 9/12/2018	PZ07S 12/06/2018	PZ07S 3/13/2019	PZ07S 5/14/2019	PZ07S 10/15/2019	PZ08S 10/05/2017	PZ08S 3/08/2018	PZ08S 6/25/2018	PZ08S 9/10/2018	PZ08S 12/07/2018	PZ08S 3/13/2019	PZ08S 5/14/2019	PZ08S 10/15/2019	PZ10 2/21/2019
		8 - 18 ft FD	8 - 18 ft N	8 - 18 ft N	8 - 18 ft FD	8 - 18 ft N	8 - 18 ft N	8 - 18 ft N	8 - 18 ft N	8 - 18 ft N	8 - 18 ft N	8 - 18 ft N	8 - 18 ft N	8 - 18 ft N	8 - 18 ft N	8 - 18 ft N	8 - 18 ft N	8 - 18 ft N	6 - 16 ft N
		Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site
Parameter	Units																		
Effective Date																			
Exceedance Key																			
Volatile Organic Compounds																			
1,1-Dichloroethane	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,1-Dichloroethylene	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2-Dichloroethylene, cis	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2-Dichloroethylene, trans	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Trichloroethylene (TCE)	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	1	1	2	1	1 J	2	0.7 J	< 0.2 U
Semivolatile Organic Compounds																			
Benzo(b)fluoranthene	ug/l	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.1 U
Bis(2-ethylhexyl)phthalate	ug/l	< 2.0 U	< 2.1 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U	< 2 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 5 U
Pesticides																			
Dieldrin	ug/l	< 0.0043 U	< 0.0043 U	< 0.0045 UJ	< 0.0045 UJ	< 0.0044 U	< 0.0053 U	< 0.0053 U	< 0.0055 U	--	--	< 0.0043 U	< 0.0045 U	< 0.0042 U	< 0.0054 U	< 0.0058 U	< 0.0053 U	--	< 0.0054 U
Total Metals																			
Antimony	mg/l	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	0.00041 J	< 0.00041 U
Arsenic	mg/l	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0015 J	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0076	< 0.00068 U
Barium	mg/l	0.0210	0.0253	0.0173	0.0199	0.0258	0.0192	0.0244	0.0147	0.0276	0.0769	0.0460	0.0486	0.0584	0.0448	0.0253	0.0435	0.157	0.0066
Beryllium	mg/l	< 0.000071 U	< 0.000071 U	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.00012 U	0.000094 J	< 0.000071 U	< 0.000071 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	< 0.000091 U	0.00064	< 0.000091 U
Cadmium	mg/l	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	0.00017 J	< 0.00015 U
Chromium	mg/l	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00067 UB	0.0037 J	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	0.0187	0.00077 J
Copper	mg/l	0.00057 J	0.00069 J	0.00087 J	0.0011 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.0011	0.0065	0.00074 J	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	0.0303	< 0.0099 U
Iron	mg/l	< 0.0805 U	< 0.0805 U	< 0.0400 U	0.162 J	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.04 U	<u>4.59</u>	< 0.0805 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	0.141 J	< 0.0400 U	<u>25.2</u>	<u>2.15</u>
Lead	mg/l	< 0.00011 U	< 0.00011 U	< 0.00011 U	0.00047 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	0.0039	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.0159	< 0.0011 U
Magnesium	mg/l	6.69	7.13	5.92	5.95	7.73	6.24	8.04	5.45	8.66	7.87	6.54	8.02	9.18	6.34	5.75	8.73	14.8	3.77
Manganese	mg/l	0.0229	< 0.0016 U	< 0.0011 U	0.0104 J	< 0.0011 U	< 0.0011 U	< 0.0027 UB	< 0.0011 U	< 0.003 U	<u>0.344</u>	< 0.0016 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0045 UB	< 0.0011 U	<u>0.598</u>	0.0373
Nickel	mg/l	< 0.0010 U	< 0.0010 U	< 0.0010 U	< 0.0010 U	0.0010 J	< 0.00060 U	< 0.00060 U	< 0.00060 U	< 0.0006 U	0.0045	< 0.0010 U	< 0.0010 U	< 0.00060 U	< 0.00060 U	< 0.00060 U	< 0.00060 U	0.0251	< 0.00060 U
Sodium	mg/l	<u>33.1</u>	<u>43.2</u>	<u>41.7</u>	<u>42.7</u>	<u>48.7</u>	<u>28.7</u>	<u>41.4</u>	<u>38.9</u>	<u>42.8</u>	<u>107</u>	<u>116</u>	<u>104</u>	<u>139</u>	<u>123</u>	<u>52.8</u>	<u>85.0</u>	<u>87</u>	3.73
Thallium	mg/l	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00012 U	< 0.00012 U	< 0.00012 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00013 U	< 0.00011 U
Zinc	mg/l	< 0.0065 U	< 0.0065 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0037 U	0.0115 J	< 0.0065 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	0.0665	0.0077 J
General Parameters																			
Chloride	mg/l	50.3	93.1	61.4	63.6	81.9 J	45.6	93.7	48.5	--	--	228	196 J	202	138	96.1	149 J	--	5.4
Sulfate, as SO4	mg/l	12.6 J	15.6	11.1	11.3	12.6	8.0	10.8	8.5	--	--	22.6 J	21.5 J	20.5	18.0 J	13.6	19.5 J	--	8.9

Data Footnotes and Qualifiers

Barr Standard Footnotes and Qualifiers

--	Not analyzed/Not available.
N	Sample Type: Normal
FD	Sample Type: Field Duplicate
ND	Not detected.
F	The result is faulty due to problems outside the realm of typical validation rules/flags. This qualifier may be affixed to a result when the validator considers the result suspect, warranting notification of the end user. NYSDEC project-specific. (Please confirm)
J	Estimated detected value. Either certain QC criteria were not met or the concentration is between the laboratory's detection and quantitation limits.
N	The analyte has been "tentatively identified" or considered "presumptively" present
R	"The data are unusable. The samples results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.", "hit"
U	The analyte was analyzed for, but was not detected. (Please confirm)
UB	The analyte was detected in one of the associated laboratory, equipment, field or trip blank samples and is considered non-detect at the concentration reported by the laboratory.
UJ	The analyte was analyzed for, but was not detected. The reported value is approximate and may be inaccurate or imprecise

New York State Ambient Water Quality Guidance Values

NGV	No guidance value available.
-----	------------------------------

New York State Ambient Water Quality Standards

PCB	Polychlorinated Biphenyls should be summed and compared to the Polychlorinated Biphenyls criteria level
NS	No Standard available.
ND	Not Detected.
(1)	The principal organic contaminant standard for groundwater of 5 ug/l applies to this substance
(6)	Applies to the sum of cis- and trans-1,3-dichloropropene, CAS Nos. 10061-01-5 and 10061-02-6, respectively
(12)	500 ug/l applies to the sum of iron and manganese.
(15)	Applies to the sum of phenol substances.
(18)	The principal organic contaminant standard for groundwater of 5 ug/l applies to each isomer (1,2,3,4-, 1,2,3,5-, and 1,2,4,5-tetrachlorobenzene) individually.
(19)	The principal organic contaminant standard for groundwater of 5 ug/l applies to each isomer (1,2,3-, 1,2,4-, and 1,3,5-trichlorobenzene) individually.
(21)	Applies to each isomer (1,2-,1,3- and 1,4-dichlorobenzene) individually

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

				Location	MW01	MW01	MW01	MW01	MW01	MW01	MW01	MW01	MW01	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	MW02	M
--	--	--	--	----------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	---

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW03 4/04/2017	MW03 8/16/2017		MW03 1/18/2018		MW03 6/27/2018	MW03 8/22/2018	MW03 11/08/2018	MW03 2/05/2019	MW03 5/15/2019	MW03 10/23/2019	MW04 11/21/2016	MW04 3/29/2017		MW04 8/16/2017	MW04 2/27/2018	MW04 6/22/2018	MW04 8/24/2018	MW04 11/20/2018	MW04 2/11/2019	MW04 5/08/2019	MW04 10/21/2019	MW05 11/22/2016
		4 - 19 ft N On Site	4 - 19 ft N On Site	4 - 19 ft FD On Site	4 - 19 ft N On Site	4 - 19 ft FD On Site	4 - 19 ft N On Site	4 - 19 ft N On Site	4 - 19 ft N On Site	4 - 19 ft N On Site	4 - 19 ft N On Site	4 - 19 ft N On Site	11 - 26 ft N On Site	11 - 26 ft N On Site	11 - 26 ft FD On Site	11 - 26 ft N On Site	11 - 26 ft N On Site	11 - 26 ft N On Site	11 - 26 ft N On Site	11 - 26 ft N On Site	11 - 26 ft N On Site	11 - 26 ft N On Site	6 - 21 ft N On Site	
Parameter	Units																							
Effective Date																								
Exceedance Key																								
Volatile Organic Compounds																								
Trichloroethylene (TCE)	ug/l	8	15	15	15	15	12	14	14	14	12	17	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	2	1 J
Semivolatile Organic Compounds																								
Benz(a)anthracene	ug/l	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U
Benzo(b)fluoranthene	ug/l	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U
Benzo(k)fluoranthene	ug/l	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U
Bis(2-ethylhexyl)phthalate	ug/l	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U	--	< 2.0 U	< 2.0 U	< 2.1 U	< 2.0 U	< 2.0 U	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U
Chrysene	ug/l	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U
Indeno(1,2,3-cd)pyrene	ug/l	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U
Pesticides																								
Chlordane, trans (gamma)	ug/l	< 0.0058 U	< 0.0056 U	< 0.0058 U	< 0.0092 U	< 0.0057 U	< 0.0059 U	< 0.0060 U	< 0.0070 U	< 0.0071 U	< 0.0084 U	--	< 0.0056 U	< 0.0070 U	< 0.0057 U	< 0.0057 U	< 0.0057 U	< 0.0055 U	< 0.0090 U	< 0.0074 U	< 0.0070 U	< 0.0082 U	--	< 0.0056 U
Dieldrin	ug/l	< 0.0044 U	< 0.0043 U	< 0.0044 U	< 0.0043 U	< 0.0043 U	0.0061 J	< 0.0045 U	< 0.0053 U	< 0.0054 U	< 0.0064 U	--	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0042 U	< 0.0048 U	< 0.0056 U	< 0.0053 U	< 0.0062 U	--	< 0.0043 U
Polychlorinated Biphenyls																								
Aroclor 1260	ug/l	< 0.12 UJ	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.13 U	< 0.13 U	< 0.30 U	< 0.15 U	< 0.18 U	--	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.024 U	< 0.12 U	< 0.14 U	< 0.16 U	< 0.15 U	< 0.18 U	--	< 0.12 U
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND
Metals																								
Antimony	mg/l	< 0.00048 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00048 U	< 0.00048 U	< 0.00048 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00048 U
Arsenic	mg/l	< 0.00068 U	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.00087 J	< 0.00068 U	< 0.00068 U	< 0.00072 U	0.0014 J	< 0.00072 U	0.00070 J	< 0.00068 U	0.0010 J	0.0018 J	< 0.00068 U	< 0.00068 U
Chromium	mg/l	< 0.0018 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00087 U	0.0013 J	< 0.00070 U	0.00078 J	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00085 UB	< 0.00059 U	< 0.00059 U	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	0.0010 J	0.0012 J	< 0.00047 UB	< 0.00059 U
Iron	mg/l	1.06	< 0.0805 U	0.108 J	< 0.0805 U	< 0.0805 U	1.19	0.0727 J	0.416	0.196 J	0.0445 J	0.0826 J	0.140 J	< 0.0747 U	< 0.0747 U	< 0.0805 U	0.331 J	0.0552 J	< 0.200 U	0.0919 J	0.696	0.944	0.113 J	< 0.0747 U
Lead	mg/l	0.00068 J	< 0.00011 U	0.00027 J	< 0.00011 U	< 0.00011 U	0.0013 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	0.00012 J	< 0.000090 U	< 0.000090 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.0011 J	0.000079 J	< 0.000090 U
Magnesium	mg/l	15.4	13.7	13.4	15.1	15.8	14.3	15.6	14.2	13.2	14.9	13.9	17.2	17.0	17.2	17.2	17.1	16.4	17.5	15.4	11.2	18.3	30.9	16.5
Manganese	mg/l	0.0914	0.0033 J	0.0080 J	< 0.0029 UB	< 0.0028 UB	0.0354 J	0.0047 J	0.0132 J	< 0.0038 UB	0.0037 J	0.0037 J	0.464	0.162	0.153	0.261	0.498	0.232	0.319	0.138	0.279	0.212	0.0911	0.183
Sodium	mg/l	58.5	54.1	53.2	63.6	66.2	65.1	67.1	61.3	57.2	58.4	67.2	48.9	54.5	55.0	50.6	51.7	49.3	46.1	42.4	92.7	51.0	191	27.2
Zinc	mg/l	0.0071 J	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.0065 U	0.0038 J	0.0064 J	< 0.0038 UB	< 0.0030 U	< 0.0030 U	0.0038 J	0.0103 J	< 0.0054 U	< 0.0054 U	< 0.0065 U	0.0122 J	< 0.0030 U	0.0190 J	< 0.0071 UB	0.0488	0.0490	0.0248	< 0.0054 U
General Parameters																								
Chloride	mg/l	116	107	109	128	135	130 J	161	123 J	123	120 J	--	111	105 J	132 J	104	99.9	90.6	103	77.5 J	123 J	89.9	--	44.2
Sulfate, as SO4	mg/l	18.1	18.0	17.7	17.6	14.7	18.8 J	21.6	19.7 J	19.7	17.9 J	--	30.9 J	30.6 J	30.8 J	33.7	32.1 J	31.4	33.9	28.8	27.9	31.3	--	16.2 J

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW05	MW05	MW05	MW05	MW05	MW05		MW05	MW05		MW05	MW06	MW06	MW06	MW06	MW06	MW06	MW06	MW06	MW06	MW07	MW07
		3/29/2017	8/08/2017	2/27/2018	6/21/2018	8/28/2018	11/09/2018		2/11/2019	5/07/2019		10/03/2019	12/07/2016	4/20/2017	9/26/2017	3/06/2018	7/16/2018	9/10/2018	12/10/2018	5/28/2019	10/15/2019	11/29/2016	4/07/2017
		6 - 21 ft	6 - 21 ft	6 - 21 ft	6 - 21 ft	6 - 21 ft	6 - 21 ft	6 - 21 ft	6 - 21 ft	6 - 21 ft	6 - 21 ft	6 - 21 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	15.6 - 22.6 ft	15.6 - 22.6 ft
		N	N	N	N	N	N	FD	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N
On Site		On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	Off Site	Off Site
Parameter	Units																						
Effective Date																							
Exceedance Key																							
Volatile Organic Compounds																							
Trichloroethylene (TCE)	ug/l	0.9 J	0.7 J	0.9 J	0.8 J	< 0.8 UB	1	1	1	1	1	2	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	25	29
Semivolatile Organic Compounds																							
Benz(a)anthracene	ug/l	< 0.11 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.11 U	< 0.10 U	< 0.1 U	< 0.1 U	--	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.11 U
Benzo(b)fluoranthene	ug/l	< 0.11 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.11 U	< 0.10 U	< 0.1 U	< 0.1 U	--	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.11 U
Benzo(k)fluoranthene	ug/l	< 0.11 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.11 U	< 0.10 U	< 0.1 U	< 0.1 U	--	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.11 U
Bis(2-ethylhexyl)phthalate	ug/l	< 2.1 U	< 2.0 U	< 2.0 U	< 5 U	< 6 U	< 5 U	< 5 U	< 6 U	< 5 U	< 6 U	--	< 2.0 UJ	< 2.2 U	< 2.0 U	< 2 U	< 5 U	--	< 5 U	< 5 U	--	< 2.0 U	< 2.1 U
Chrysene	ug/l	< 0.11 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.11 U	< 0.10 U	< 0.1 U	< 0.1 U	--	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.11 U
Indeno(1,2,3-cd)pyrene	ug/l	< 0.11 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.11 U	< 0.10 U	< 0.1 U	< 0.1 U	--	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.11 U
Pesticides																							
Chlordane, trans (gamma)	ug/l	< 0.0057 U	< 0.0057 U	< 0.0057 U	< 0.0056 U	< 0.0063 U	< 0.0078 U	< 0.0077 U	< 0.0074 U	< 0.0072 U	< 0.0075 U	--	< 0.0060 U	< 0.0059 UJ	< 0.0056 U	< 0.0058 U	--	--	< 0.0073 UJ	< 0.0076 U	--	< 0.0060 U	< 0.0057 U
Dieldrin	ug/l	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0048 U	< 0.0059 U	< 0.0058 U	< 0.0056 U	< 0.0055 U	< 0.0057 U	--	< 0.0043 U	< 0.0044 UJ	< 0.0043 U	< 0.0044 U	--	--	< 0.0055 UJ	< 0.0058 U	--	< 0.0043 U	< 0.0043 U
Polychlorinated Biphenyls																							
Aroclor 1260	ug/l	< 0.12 U	< 0.12 U	< 0.024 U	< 0.12 U	< 0.13 U	< 0.33 U	< 0.33 U	< 0.16 U	< 0.15 U	< 0.16 U	--	< 0.12 U	< 0.13 U	< 0.12 U	< 0.025 U	< 0.12 U	--	< 0.16 U	< 0.16 U	--	< 0.12 U	< 0.12 U
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	--	ND	ND	--	ND	ND
Metals																							
Antimony	mg/l	< 0.00048 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.0010 UB	0.0021	0.00075 J	< 0.00045 U	0.00061 J	< 0.00041 U	< 0.00041 U	0.00051 J	< 0.00041 U	< 0.00048 U	< 0.00076 UB
Arsenic	mg/l	< 0.00068 U	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0035 J	0.0193 J	0.0012 J	0.0012 J	0.0053	0.0017 J	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.00081 J	0.0023 J
Chromium	mg/l	< 0.00070 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	0.0017 J	< 0.00070 U	< 0.00070 U	< 0.00062 UB	0.0067	0.0748	0.0011 J	0.0033 J	0.0196	0.0052 J	0.0017 J	0.0016 J	< 0.002 UB	0.00061 J	< 0.00080 UB
Iron	mg/l	< 0.0747 U	< 0.0805 U	0.146 J	0.0519 J	0.0539 J	< 0.0400 U	< 0.0400 U	0.166 J	0.0441 J	0.0529 J	0.0864 J	7.49	81.8	0.925	1.87	18.9	5.22	0.602	0.271	0.813	0.256 J	< 0.0747 U
Lead	mg/l	< 0.000090 U	< 0.00011 U	< 0.00020 UB	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	0.0036	0.0470	0.00069 J	0.0013 J	0.0113	0.0027 J	< 0.0011 U	< 0.0011 U	0.00057	< 0.000090 U	< 0.000090 U
Magnesium	mg/l	9.40	17.2	9.35	15.7	15.6	8.67	8.75	9.48	12.1	12.1	16.8	25.7	56.0	31.4	31.4	41.4	38.2	31.1	30.0	29.1	37.2	27.1
Manganese	mg/l	0.0241	0.0795	0.0265	0.115	0.152	0.0199 J	0.0242	0.141	0.0266	0.0210	0.237	0.808	3.14	0.422	0.108	0.570	0.167	0.0276	< 0.0201 UB	0.0416	4.93	2.57
Sodium	mg/l	79.8	28.4	63.0	26.0	27.1	72.1	72.3	50.3	56.8	56.0	28.2	26.7	54.2	36.1	44.2	45.3	43.0	49.7	47.7	44.7	122	72.9
Zinc	mg/l	< 0.0054 U	< 0.0065 U	< 0.0065 U	< 0.0030 U	0.0035 J	< 0.0034 UB	< 0.0039 UB	< 0.0030 U	< 0.0030 U	0.0162 J	0.0046 J	0.0203 J	0.242	< 0.0065 U	0.0095 J	0.0594	0.0215 J	0.0066 J	0.0078 J	< 0.0086 UB	0.114	1.13
General Parameters																							
Chloride	mg/l	94.6 J	31.6	104	33.5	40.8	94.1 J	91.8 J	70.9 J	142	140	--	2.7	4.3	16.2	16.5	15.9	15.7	14.0	22.0	--	482	179
Sulfate, as SO4	mg/l	17.3 J	15.7	13.7 J	13.4	15.4	11.7 J	11.9 J	11.2	9.8	9.8	--	8.3	29.8	138	165	146	94.4	119	140	--	58.5	43.2

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW07 8/11/2017		MW07 2/20/2018	MW07 7/05/2018		MW07 8/21/2018	MW07 12/04/2018	MW07 2/19/2019		MW07 5/22/2019	MW07 10/11/2019	MW08 11/29/2016	MW08 4/11/2017	MW08 8/17/2017	MW08 3/01/2018	MW08 7/10/2018	MW08 8/28/2018	MW08 11/29/2018	MW08 2/07/2019	MW08 5/23/2019	MW08 10/15/2019	MW09 10/18/2019	MW10 12/06/2016
		15.6 - 22.6 ft	15.6 - 22.6 ft	15.6 - 22.6 ft	15.6 - 22.6 ft	15.6 - 22.6 ft	15.6 - 22.6 ft	15.6 - 22.6 ft	15.6 - 22.6 ft	15.6 - 22.6 ft	15.6 - 22.6 ft	15.6 - 22.6 ft	35 - 45 ft	35 - 45 ft	35 - 45 ft	35 - 45 ft	35 - 45 ft	35 - 45 ft	35 - 45 ft	35 - 45 ft	35 - 45 ft	35 - 45 ft	13 - 19 ft	8.5 - 18.5 ft
		N Off Site	FD Off Site	N Off Site	N Off Site	FD Off Site	N Off Site	N Off Site	N Off Site	N Off Site	FD Off Site	N Off Site	N Off Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site
Parameter	Units																							
Effective Date																								
Exceedance Key																								
Volatile Organic Compounds																								
Trichloroethylene (TCE)	ug/l	87	93	66	94	89	110	31	31	31	16	57	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	3
Semivolatile Organic Compounds																								
Benz(a)anthracene	ug/l	< 0.10 U	< 0.11 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U
Benzo(b)fluoranthene	ug/l	< 0.10 U	< 0.11 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U
Benzo(k)fluoranthene	ug/l	< 0.10 U	< 0.11 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U
Bis(2-ethylhexyl)phthalate	ug/l	< 2.1 U	< 2.1 U	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 5 U	< 6 U	< 5 U	< 5 U	< 6 U	--	--	< 2.0 UJ
Chrysene	ug/l	< 0.10 U	< 0.11 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U
Indeno(1,2,3-cd)pyrene	ug/l	< 0.10 U	< 0.11 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U
Pesticides																								
Chlordane, trans (gamma)	ug/l	< 0.0063 U	< 0.0059 U	< 0.0057 U	< 0.0056 U	< 0.0056 U	< 0.0059 U	< 0.0072 U	< 0.0073 U	< 0.0075 U	< 0.0073 U	--	< 0.0056 U	< 0.0063 UJ	< 0.0057 U	< 0.0057 U	< 0.0063 U	< 0.0061 U	< 0.0078 U	< 0.0072 U	< 0.0074 U	--	--	< 0.0058 U
Dieldrin	ug/l	< 0.0047 U	< 0.0045 U	< 0.0043 U	< 0.0043 U	< 0.0042 U	< 0.0045 U	< 0.0055 U	< 0.0055 U	< 0.0057 U	< 0.0055 U	--	< 0.0043 U	< 0.0047 UJ	< 0.0043 U	< 0.0043 U	< 0.0047 U	< 0.0046 U	< 0.0059 U	< 0.0055 U	< 0.0056 U	--	--	< 0.0044 U
Polychlorinated Biphenyls																								
Aroclor 1260	ug/l	< 0.13 U	< 0.13 U	< 0.024 U	< 0.12 U	< 0.12 U	< 0.13 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.16 U	--	< 0.12 U	< 0.13 U	< 0.12 U	< 0.024 U	< 0.13 U	< 0.13 U	< 0.17 U	< 0.15 U	< 0.16 U	--	--	< 0.12 U
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
Metals																								
Antimony	mg/l	0.0010 J	0.00082 J	0.00066 J	0.00086 J	0.00096 J	0.00058 J	0.0010 J	0.00062 J	0.00063 J	0.00045 J	0.00066 J	< 0.00048 U	< 0.00048 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00048 U
Arsenic	mg/l	< 0.00072 U	< 0.00072 U	0.0015 J	< 0.00068 U	< 0.00068 U	0.00079 J	0.0014 J	0.00098 J	0.00081 J	< 0.00068 U	0.0012 J	0.0016 J	0.00073 J	0.0017 J	0.0010 J	0.00099 J	< 0.00068 U	< 0.00068 U	0.00080 J	0.0011 J	0.0013 J	< 0.00068 U	0.0011 J
Chromium	mg/l	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	0.00080 J	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00067 U	0.0011 J	0.0011 J	0.0025 J	< 0.00087 U	0.00085 J	< 0.00070 U	0.0011 J	< 0.00070 U	< 0.00070 U	< 0.00047 UB	< 0.0023 UB	< 0.00059 U
Iron	mg/l	< 0.0805 U	< 0.0805 U	0.121 J	< 0.0400 U	< 0.0400 U	0.0630 J	0.0563 J	< 0.0400 U	< 0.0400 U	0.0549 J	1.28	1.52	1.02	2.76	0.173 J	0.384 J	0.334 J	0.900	0.0857 J	0.213	0.233	1.73 J	0.319 J
Lead	mg/l	< 0.00011 U	< 0.00011 U	0.00018 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.00071 U	0.00044 J	0.00038 J	0.0011 J	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.00071 U	0.00088	0.00016 J
Magnesium	mg/l	34.5	35.0	14.5	37.0	37.3	36.0	8.64	25.4	25.9	20.8	21.3	22.1	24.8	26.8	24.0	26.3	25.4	22.0	13.7	25.4	26.5	24.6	23.6
Manganese	mg/l	4.02	4.04	1.43	4.26	4.28	4.60	0.273	2.15	2.18	1.63	2.39	1.72	1.92	2.22	1.81	2.15	2.05	1.62	0.525	1.52	2.08	0.153	0.247
Sodium	mg/l	80.3	80.9	33.2	96.4	96.7	95.3	14.4	73.8	75.4	59.5	58.9	27.3	15.7	14.1	17.3	13.9	13.4	15.6	27.4	16.1	13.2	8.41	33.4
Zinc	mg/l	0.285	0.279	0.917	0.486	0.498	0.387	1.12	0.919	0.919	1.25	0.5	0.0057 J	< 0.0054 U	0.010 J	< 0.0065 U	0.0042 J	0.0063 J	0.0040 J	0.160	0.0115 J	< 0.008 UB	< 0.0076 UB	< 0.0054 U
General Parameters																								
Chloride	mg/l	249	262	115	339 J	320 J	283	37.2	165 J	170 J	118	--	38.9	38.3	--	39.1	33.4 J	41.3	39.1	58.9	40.9	--	--	66.8
Sulfate, as SO4	mg/l	58.2	63.4	27.0	70.1 J	71.6 J	70.5	14.0	44.8	48.4	44.9	--	32.7	40.1	--	41.0	42.1	44.8	37.1	20.9 J	45.3	--	--	33.6

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW10	MW10	MW10	MW10	MW10	MW10	MW10	MW10	MW10	MW11	MW11	MW11	MW11	MW11	MW11	MW11	MW11		MW11	MW11
		3/30/2017	8/17/2017	1/18/2018	7/09/2018	9/10/2018	11/06/2018	2/15/2019	5/10/2019	10/24/2019	12/06/2016	3/28/2017	10/06/2017	2/09/2018	7/09/2018	8/22/2018	11/06/2018	2/05/2019		5/10/2019	10/25/2019
		8.5 - 18.5 ft	8.5 - 18.5 ft	8.5 - 18.5 ft	8.5 - 18.5 ft	8.5 - 18.5 ft	8.5 - 18.5 ft	8.5 - 18.5 ft	8.5 - 18.5 ft	8.5 - 18.5 ft	8.7 - 23.7 ft	8.7 - 23.7 ft	8.7 - 23.7 ft	8.7 - 23.7 ft	8.7 - 23.7 ft	8.7 - 23.7 ft	8.7 - 23.7 ft	8.7 - 23.7 ft	8.7 - 23.7 ft	8.7 - 23.7 ft	
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site
Parameter	Units																				
Effective Date																					
Exceedance Key																					
Volatile Organic Compounds																					
Trichloroethylene (TCE)	ug/l	5	2	9	3	2	2	0.9 J	< 0.2 U	11	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Semivolatile Organic Compounds																					
Benz(a)anthracene	ug/l	< 0.11 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Benzo(b)fluoranthene	ug/l	< 0.11 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Benzo(k)fluoranthene	ug/l	< 0.11 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Bis(2-ethylhexyl)phthalate	ug/l	< 2.1 U	< 2.0 U	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 2.0 UJ	< 2.0 U	< 2.0 U	< 2.1 U	< 5 U	< 5 U	< 5 U	< 6 U	< 6 U	< 5 U	--
Chrysene	ug/l	< 0.11 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Indeno(1,2,3-cd)pyrene	ug/l	< 0.11 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Pesticides																					
Chlordane, trans (gamma)	ug/l	< 0.0057 U	< 0.0056 U	< 0.0057 U	< 0.0056 U	0.0075 J	< 0.0070 U	< 0.0070 U	< 0.0072 U	--	0.019 J	< 0.0056 U	< 0.0056 U	0.0059 J	< 0.0056 U	< 0.0059 U	< 0.0074 U	< 0.0079 U	< 0.0080 U	< 0.0072 U	--
Dieldrin	ug/l	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0042 U	< 0.0053 U	< 0.0053 U	< 0.0055 U	--	< 0.0043 UJ	< 0.0042 U	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0045 U	< 0.0056 U	< 0.0060 U	< 0.0060 U	< 0.0055 U	--
Polychlorinated Biphenyls																					
Aroclor 1260	ug/l	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.15 U	< 0.15 U	--	< 0.12 U	< 0.12 U	< 0.12 U	< 0.024 U	< 0.12 U	< 0.13 U	< 0.13 U	< 0.17 U	< 0.17 U	< 0.15 U	--
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
Metals																					
Antimony	mg/l	< 0.00048 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00048 U	< 0.00048 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	0.00046 J
Arsenic	mg/l	0.0017 J	0.0020 J	0.00091 J	0.0016 J	0.0015 J	0.0019 J	0.0040	0.0029	0.024	0.0031 J	0.0031 J	0.0032 J	< 0.00072 U	0.00094 J	0.00076 J	< 0.00068 U	0.00076 J	0.00090 J	< 0.00068 U	< 0.00068 U
Chromium	mg/l	< 0.00059 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00056 UB	< 0.00060 UB	< 0.00069 UB	< 0.00087 U	< 0.00070 U	0.00080 J	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00068 UB
Iron	mg/l	0.605	0.904	< 0.349 UB	0.361 J	0.358 J	0.501	1.81	1.30	9.97	0.505	0.258 J	0.337 J	0.147 J	0.0417 J	0.271 J	< 0.0400 U	0.172 J	0.229	0.166 J	< 0.04 U
Lead	mg/l	< 0.000090 U	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.00083	0.00073 J	0.00018 J	0.00023 J	0.00026 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.000079 J
Magnesium	mg/l	22.6	12.3	19.3	19.6	18.7	20.2	21.2	21.0	19.7	25.3	24.4	22.8	12.3	24.0	21.1	19.2	5.45	5.49	5.08	5.89
Manganese	mg/l	0.251	0.132	0.117	0.144	0.147	0.200	0.360	0.226	0.353	0.239	0.252	0.256	0.230	0.322	0.297	0.388	0.0428	0.0557	0.0376	< 0.003 U
Sodium	mg/l	30.7	60.5	52.5	45.8	41.6	29.5	28.8	27.6	69.8	36.5	37.6	36.4	34.4	38.9	37.0	35.2	30.6	30.5	31.2	28.1
Zinc	mg/l	< 0.0054 U	< 0.0065 U	< 0.0065 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	0.0062 J	< 0.0058 UB	< 0.0054 U	< 0.0065 U	0.0294 J	< 0.0030 U	0.0146 J	< 0.0120 UB	0.0231	0.0413	0.0229	0.0416
General Parameters																					
Chloride	mg/l	69.9	--	74.5	83.4 J	84.9	57.6	54.2 J	69.6 J	--	101	115 J	90.1	78.1	101	87.5	88.0	62.7	54.5	43.9	--
Sulfate, as SO4	mg/l	31.6	--	26.2	29.5	20.2	28.7	24.5	31.1 J	--	32.1	32.2 J	30.6	26.5	32.0	31.0	28.4	11.7	11.0	10.6	--

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW12 11/18/2016		MW12 3/30/2017	MW12 8/15/2017	MW12 2/16/2018	MW12 7/06/2018	MW12 8/21/2018	MW12 11/09/2018	MW12 2/12/2019	MW12 5/09/2019	MW12 10/16/2019	MW13 11/22/2016	MW13 3/28/2017	MW13 8/11/2017	MW13 2/06/2018	MW13 7/09/2018	MW13 8/20/2018	MW13 11/14/2018
		23 - 26 ft N	23 - 26 ft FD	23 - 26 ft N	23 - 26 ft N	23 - 26 ft N	23 - 26 ft N	23 - 26 ft N	23 - 26 ft N	23 - 26 ft N	23 - 26 ft N	23 - 26 ft N	10.4 - 14.4 ft N	10.4 - 14.4 ft N	10.4 - 14.4 ft N	10.4 - 14.4 ft N	10.4 - 14.4 ft N	10.4 - 14.4 ft N	
		Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	On Site	On Site	On Site	On Site	On Site	On Site
Parameter	Units																		
Effective Date																			
Exceedance Key																			
Volatile Organic Compounds																			
Trichloroethylene (TCE)	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	2	2	5	2	5	4	4
Semivolatile Organic Compounds																			
Benz(a)anthracene	ug/l	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U
Benzo(b)fluoranthene	ug/l	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U
Benzo(k)fluoranthene	ug/l	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U
Bis(2-ethylhexyl)phthalate	ug/l	< 2.1 U	< 2.1 U	< 2.0 U	< 2.1 U	< 2.0 U	< 5 U	< 6 U	< 5 U	< 5 U	< 6 U	--	< 2.0 U	< 2.1 U	< 2.0 U	< 2.0 U	< 5 U	< 5 U	< 5 U
Chrysene	ug/l	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U
Indeno(1,2,3-cd)pyrene	ug/l	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U
Pesticides																			
Chlordane, trans (gamma)	ug/l	< 0.0057 U	< 0.0058 U	< 0.0058 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.0063 U	< 0.0069 U	< 0.0074 UJ	< 0.0077 U	--	< 0.0056 U	< 0.0058 U	< 0.0059 U	< 0.0056 U	< 0.0059 U	< 0.0060 U	< 0.0076 U
Dieldrin	ug/l	< 0.0043 U	< 0.0044 U	< 0.0044 U	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0048 U	< 0.0053 U	< 0.0056 U	<u>0.0091 J</u>	--	< 0.0043 U	< 0.0044 U	< 0.0044 U	< 0.0043 U	< 0.0045 U	< 0.0045 U	< 0.0058 U
Polychlorinated Biphenyls																			
Aroclor 1260	ug/l	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.024 U	< 0.12 U	< 0.13 U	< 0.30 U	< 0.16 U	< 0.17 U	--	< 0.12 U	< 0.13 U	< 0.13 U	< 0.024 U	< 0.13 U	< 0.13 U	< 0.33 U
Polychlorinated Biphenyls (calculation), non-detections at zero		ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND
Metals																			
Antimony	mg/l	< 0.00048 U	< 0.00048 U	< 0.00048 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00048 U	< 0.00048 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U
Arsenic	mg/l	0.0062	0.0057	0.0036 J	0.0051	0.0046	0.0059	0.0048	0.0054	0.0042	0.0034	0.0081	< 0.00068 U	< 0.00068 U	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U
Chromium	mg/l	< 0.00059 U	< 0.00059 U	< 0.00059 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00049 UB	0.00087 J	< 0.00073 UB	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U
Iron	mg/l	<u>10.7</u>	<u>10.8</u>	<u>13.5</u>	<u>8.96</u>	<u>4.47</u>	<u>9.10</u>	<u>6.76</u>	<u>3.88</u>	<u>6.22</u>	<u>5.98</u>	<u>9.4</u>	< 0.0747 U	< 0.0747 U	< 0.0805 U	< 0.0805 U	< 0.0400 U	< 0.0400 U	< 0.0400 U
Lead	mg/l	< 0.000090 U	< 0.000090 U	< 0.000090 U	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	< 0.000090 U	< 0.000090 U	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U
Magnesium	mg/l	19.1	18.9	20.4	13.7	8.21	15.9	11.9	7.43	12.1	11.9	16.3	9.33	11.5	8.42	10.7	12.1	14.3	13.9
Manganese	mg/l	<u>1.21</u>	<u>1.30</u>	<u>1.15</u>	<u>1.04</u>	<u>0.665</u>	<u>1.39</u>	<u>0.905</u>	<u>0.568</u>	<u>0.872</u>	<u>0.826</u>	<u>1.84</u>	<u>0.393</u>	<u>0.368</u>	<u>0.382</u>	0.293	0.0128 J	0.0815	<u>0.395</u>
Sodium	mg/l	<u>43.8</u>	<u>43.6</u>	<u>44.9</u>	<u>35.4</u>	<u>14.7</u>	<u>38.3</u>	<u>27.8</u>	<u>15.8</u>	<u>21.1</u>	<u>24.2</u>	<u>78.4</u>	<u>164</u>	<u>154</u>	<u>140</u>	<u>140</u>	<u>154</u>	<u>192</u>	<u>194</u>
Zinc	mg/l	< 0.0054 U	< 0.0054 U	< 0.0054 U	< 0.0065 U	< 0.0065 U	< 0.0030 U	0.0041 J	< 0.0173 UB	< 0.0030 U	0.0055 J	0.0045 J	< 0.0054 U	0.0059 J	< 0.0065 U	< 0.0065 U	< 0.0030 U	0.0036 J	< 0.0030 UB
General Parameters																			
Chloride	mg/l	80.1	82.0	70.3 J	56.8	20.6	110 J	29.7	16.3 J	32.9 J	49.9 J	--	189	215 J	191	190	<u>266</u>	<u>370</u>	<u>363</u>
Sulfate, as SO4	mg/l	25.3	27.0	47.3 J	28.2	44.1	33.6 J	44.2	21.2 J	20.3	20.2 J	--	27.3 J	26.2 J	25.6	22.7	22.8	24.4	23.3

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW13 2/22/2019		MW13 5/08/2019	MW13 10/09/2019	MW14 12/06/2016	MW14 3/30/2017	MW14 8/15/2017	MW14 2/06/2018	MW14 6/21/2018	MW14 8/29/2018	MW14 11/12/2018	MW14 2/07/2019	MW14 5/16/2019	MW14 10/08/2019	MW15 11/21/2016	MW15 3/29/2017	MW15 8/16/2017	MW15 1/18/2018	MW15 6/19/2018	MW15 8/20/2018	MW15 11/15/2018	MW15 2/20/2019	MW15 5/09/2019
		10.4 - 14.4 ft	10.4 - 14.4 ft	10.4 - 14.4 ft	10.4 - 14.4 ft	10 - 13 ft	10 - 13 ft	10 - 13 ft	10 - 13 ft	10 - 13 ft	10 - 13 ft	10 - 13 ft	10 - 13 ft	10 - 13 ft	10 - 13 ft	10 - 13 ft	20.5 - 23.5 ft	20.5 - 23.5 ft	20.5 - 23.5 ft	20.5 - 23.5 ft	20.5 - 23.5 ft	20.5 - 23.5 ft	20.5 - 23.5 ft	20.5 - 23.5 ft
		N On Site	FD On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site	N On Site
Parameter	Units																							
Effective Date																								
Exceedance Key																								
Volatile Organic Compounds																								
Trichloroethylene (TCE)	ug/l	2	2	2	5	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	0.3 J	0.2 J	< 0.2 U	0.2 J
Semivolatiles Organic Compounds																								
Benz(a)anthracene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.11 U	< 0.11 U	< 0.10 U	< 0.13 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U
Benzo(b)fluoranthene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.11 U	< 0.11 U	< 0.10 U	< 0.13 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U
Benzo(k)fluoranthene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.11 U	< 0.11 U	< 0.10 U	< 0.13 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U
Bis(2-ethylhexyl)phthalate	ug/l	< 5 U	< 5 U	< 5 U	--	< 2.1 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 5 U	< 6 U	< 5 U	< 5 U	< 6 U	--	< 2.1 U	< 2.0 U	< 2.0 U	< 2.0 U	< 5 U	< 5 U	< 5 UJ	< 5 UJ	< 5 U
Chrysene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.11 U	< 0.11 U	< 0.10 U	< 0.13 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	0.1 J	< 0.1 U	< 0.1 UJ	< 0.1 U
Indeno(1,2,3-cd)pyrene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.11 U	< 0.11 U	< 0.10 U	< 0.13 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 UJ	< 0.1 U
Pesticides																								
Chlordane, trans (gamma)	ug/l	< 0.0073 U	< 0.0072 U	< 0.0072 U	--	< 0.0061 UJ	< 0.0087 UJ	< 0.0056 U	< 0.0057 U	< 0.0056 U	< 0.0059 U	< 0.0072 U	< 0.0073 U	< 0.0083 UJ	--	< 0.0090 U	< 0.0057 U	< 0.0056 U	< 0.0057 U	< 0.0057 U	< 0.059 U	< 0.0072 U	< 0.0072 U	< 0.0073 U
Dieldrin	ug/l	< 0.0055 U	< 0.0055 U	< 0.0055 U	--	< 0.0046 UJ	< 0.0044 UJ	< 0.0042 U	< 0.0043 U	< 0.0043 U	< 0.0045 U	< 0.0055 U	< 0.0055 U	< 0.0063 UJ	--	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.045 U	< 0.0055 U	< 0.0054 U	< 0.0055 U
Polychlorinated Biphenyls																								
Aroclor 1260	ug/l	< 0.16 U	< 0.15 U	< 0.15 U	--	< 0.12 U	< 0.12 U	< 0.12 U	< 0.024 U	< 0.12 U	< 0.13 U	< 0.31 U	< 0.16 U	< 0.18 UJ	--	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.13 U	< 0.15 U	< 0.15 U	< 0.16 U
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/l	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals																								
Antimony	mg/l	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00048 U	< 0.00048 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	0.00046 J	< 0.0011 UB	< 0.00048 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U
Arsenic	mg/l	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0060	0.0016 J	0.00075 J	0.0015 J	< 0.00072 U	0.00074 J	0.00074 J	< 0.00068 U	0.00098 J	0.0017 J	0.0012 J	0.0023 J	0.0019 J	0.0020 J	0.0025 J	0.0027 J	0.0036	0.0021	0.0019 J
Chromium	mg/l	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00063 UB	0.0133	0.0051	< 0.00087 U	0.0019 J	< 0.00087 U	0.0013 J	0.0011 J	< 0.00070 U	0.0013 J	< 0.0016 UB	0.0016 J	< 0.00064 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U
Iron	mg/l	< 0.0400 U	< 0.0400 U	0.0475 J	< 0.0655 UB	23.2	4.68	0.245 J	1.74	0.198 J	0.827	0.464	0.208	0.725	1.03	0.175 J	< 0.0747 U	< 0.0805 U	< 0.0805 U	< 0.0400 U	0.0957 J	0.0835 J	0.262	< 0.0400 U
Lead	mg/l	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	0.0100	0.0028	0.00012 J	0.0022	0.00013 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.00092	0.00057 J	< 0.000090 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U
Magnesium	mg/l	13.8	13.9	16.3	8.20	34.0	31.1	26.5	28.7	25.9	23.9	27.3	23.3	30.4	22.5	5.69	20.1	19.7	19.7	19.1	18.5	18.1	17.4	18.3
Manganese	mg/l	0.613	0.618	0.620	0.0162	1.06	0.601	0.366	0.400	0.312	0.173	0.256	0.122	0.418	1.31	0.0160	0.184	0.162	0.131	0.204	0.172	0.200	0.176	0.132
Sodium	mg/l	182	182	201	123	22.6	20.6	19.9	20.9	19.2	21.7	25.8	21.7	22.8	26.1	138	38.9	40.1	43.4	39.5	40.5	36.6	74.0	39.2
Zinc	mg/l	< 0.0030 U	< 0.0030 U	0.0032 J	0.0038 J	0.0627	0.0134 J	0.0692	0.0169 J	0.0347 J	0.0109 J	< 0.0176 UB	0.0068 J	0.0233	0.0456	0.0365 J	0.0102 J	< 0.0065 U	0.0259 J	0.0083 J	0.0133 J	< 0.0031 UB	0.190	0.0287
General Parameters																								
Chloride	mg/l	343 J	318 J	445	--	90.5	108	111	139	80.0	71.4	101	92.6	96.0	--	201	99.2 J	101	94.8	93.9	78.9	79.2 J	135 J	88.6 J
Sulfate, as SO4	mg/l	25.8	25.5	30.0	--	39.9	37.8	41.0	40.2	36.9	51.3	42.5	38.5	38.7	--	19.6 J	25.6 J	27.6	25.8	26.0	28.2	23.8 J	26.0	26.6 J

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW15 10/22/2019 20.5 - 23.5 ft N On Site	MW19S 2/28/2018 14 - 19 ft N On Site	MW19S 7/06/2018 14 - 19 ft N On Site	MW19S 8/21/2018 14 - 19 ft N On Site	MW19S 11/16/2018 14 - 19 ft N On Site	MW19S 2/19/2019 14 - 19 ft N On Site	MW19S 5/08/2019 14 - 19 ft N On Site	MW19S 10/07/2019 14 - 19 ft N On Site	MW20 11/12/2018 5 - 10 ft N Off Site	MW20 2/08/2019 5 - 10 ft N Off Site	MW21 12/02/2016 5 - 12 ft N Off Site	MW21 4/03/2017 5 - 12 ft N Off Site	MW21 2/16/2018 5 - 12 ft N Off Site	MW21 9/19/2018 5 - 12 ft N Off Site	MW21 11/12/2018 5 - 12 ft N Off Site	MW21 2/21/2019 5 - 12 ft N Off Site	MW21 5/09/2019 5 - 12 ft N Off Site	MW21 10/18/2019 5 - 12 ft N Off Site	MW23 10/12/2017 59.5 - 67.5 ft N Off Site	MW23 3/06/2018 59.5 - 67.5 ft N Off Site	MW23 7/02/2018 59.5 - 67.5 ft N Off Site	MW23 8/23/2018 59.5 - 67.5 ft N Off Site	MW23 11/29/2018 59.5 - 67.5 ft N Off Site	
Parameter	Units																								
Effective Date																									
Exceedance Key																									
Volatile Organic Compounds																									
Trichloroethylene (TCE)	ug/l	0.3 J	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	0.6 J	< 0.2 U	< 0.2 U	2	1	1	2	2	1	1	1	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	
Semivolatile Organic Compounds																									
Benz(a)anthracene	ug/l	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.1 U	< 0.1 U	< 0.10 U	< 0.11 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	
Benzo(b)fluoranthene	ug/l	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.1 U	< 0.1 U	< 0.10 U	< 0.11 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	
Benzo(k)fluoranthene	ug/l	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.1 U	< 0.1 U	< 0.10 U	< 0.11 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	
Bis(2-ethylhexyl)phthalate	ug/l	--	< 2.0 U	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	--	< 5 U	< 5 U	< 2.0 U	< 2.1 U	< 2.0 U	< 6 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U	< 2 U	< 5 U	< 5 U	< 5 U	
Chrysene	ug/l	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.1 U	< 0.1 U	< 0.10 U	< 0.11 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	
Indeno(1,2,3-cd)pyrene	ug/l	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.1 U	< 0.1 U	< 0.10 U	< 0.11 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	
Pesticides																									
Chlordane, trans (gamma)	ug/l	--	< 0.0057 U	< 0.0058 U	< 0.0065 U	< 0.0071 U	< 0.0074 U	< 0.0073 U	--	< 0.0074 U	< 0.0072 U	< 0.0057 UJ	< 0.0059 U	< 0.0058 U	< 0.0059 UJ	< 0.0073 U	< 0.0071 U	< 0.0071 U	--	< 0.0056 U	< 0.0059 U	< 0.0061 U	< 0.0058 U	< 0.0072 U	
Dieldrin	ug/l	--	< 0.0043 U	< 0.0044 U	< 0.0049 U	< 0.0054 U	< 0.0056 U	< 0.0055 U	--	< 0.0056 U	< 0.0055 U	< 0.0043 UJ	< 0.0045 U	< 0.0044 U	< 0.0045 UJ	< 0.0055 U	< 0.0053 U	< 0.0053 U	--	< 0.0043 U	< 0.0045 U	< 0.0046 U	< 0.0044 U	< 0.0055 U	
Polychlorinated Biphenyls																									
Aroclor 1260	ug/l	--	< 0.024 U	< 0.12 U	< 0.14 U	< 0.15 U	< 0.16 U	< 0.78 U	--	< 0.32 U	< 0.15 U	< 0.12 U	< 0.13 UJ	< 0.025 U	< 0.13 U	< 0.31 U	< 0.15 U	< 0.15 U	--	< 0.12 U	< 0.025 U	< 0.13 U	< 0.12 U	< 0.15 U	
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/l	--	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND
Metals																									
Antimony	mg/l	< 0.00041 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	0.00050 J	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00048 U	< 0.00048 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	
Arsenic	mg/l	0.0034	0.0012 J	0.0013 J	0.0011 J	< 0.0013 UB	0.0018 J	0.00080 J	0.00070 J	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0060	0.0016 J	0.0022 J	0.0022 J	0.0011 J	0.0015 J	
Chromium	mg/l	< 0.00055 UB	< 0.00087 U	0.00097 J	< 0.00070 U	< 0.00070 U	0.0018 J	< 0.00070 U	< 0.00051 UB	0.0015 J	0.00093 J	< 0.00059 U	< 0.00062 UB	0.0034 J	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	0.0092	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	
Iron	mg/l	0.254 J	< 0.0805 U	0.768	0.305 J	0.226	0.214	0.0927 J	0.358	0.935	0.318	< 0.0747 U	< 0.0747 U	< 0.0805 U	0.313 J	< 0.0400 U	< 0.0400 U	0.241	12.0 J	0.270 J	< 0.154 UB	0.307 J	0.114 J	0.211	
Lead	mg/l	< 0.000071 U	< 0.00046 UB	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.0030	< 0.0011 U	< 0.000071 U	< 0.0011 U	< 0.0011 U	< 0.000090 U	< 0.000090 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.0080	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	
Magnesium	mg/l	18.4	12.4	17.1	15.6	14.0	14.5	13.2	17.4	6.26	7.80	10.4	8.56	13.0	17.8	9.98	10.1	10.7	21.7	13.8	13.2	13.6	13.7	14.0	
Manganese	mg/l	0.209	0.0648	0.142	0.124	0.107	0.128	0.120	0.430	0.0249	< 0.0063 UB	0.0183	0.0029 J	< 0.0016 U	0.0227 J	0.0014 J	< 0.0011 U	< 0.0120 UB	0.642	0.330	0.313	0.314	0.327	0.350	
Sodium	mg/l	39.8	45.4	38.3	39.3	30.1	32.6	34.5	94.0	3.24	4.43	92.8	72.4	83.0	124	78.6	80.3	105	113	27.5	24.9	28.2	26.5	29.0	
Zinc	mg/l	< 0.0189 UB	< 0.0065 U	0.0041 J	0.0040 J	< 0.0051 UB	< 0.0035 UB	< 0.0030 U	< 0.0037 U	< 0.0121 UB	< 0.0030 U	< 0.0054 U	< 0.0054 U	< 0.0065 U	0.0037 J	< 0.0097 UB	< 0.0030 U	< 0.0030 U	0.0362	< 0.0065 U	< 0.0065 U	< 0.0030 U	0.0068 J	< 0.0030 U	
General Parameters																									
Chloride	mg/l	--	62.9	83.8 J	140	64.7 J	62.4 J	70.9	--	2.5	2.0	103	126	156	207	106	140 J	195 J	--	46.1 J	43.5	46.0	75.6 J	40.3	
Sulfate, as SO4	mg/l	--	33.7 J	25.6 J	25.7	24.8 J	24.8	27.0	--	14.4	17.8 J	29.1	29.4	26.2	41.4	24.7	24.8	26.3 J	--	16.0	15.1	17.2	18.0	14.9	

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW23	MW23	MW23	MW24	MW24		MW24	MW24	MW24	MW24	MW24	MW24	MW25		MW25	MW25	MW25		MW25	MW25	MW25	MW25	MW26
		2/19/2019	5/14/2019	10/02/2019	9/12/2017	3/08/2018		7/02/2018	8/23/2018	11/28/2018	2/28/2019	5/20/2019	10/04/2019	10/17/2017		3/28/2018	7/05/2018	8/23/2018		12/04/2018	2/15/2019	5/17/2019	10/08/2019	10/23/2017
		59.5 - 67.5 ft	59.5 - 67.5 ft	59.5 - 67.5 ft	129 - 139 ft	129 - 139 ft	129 - 139 ft	129 - 139 ft	129 - 139 ft	129 - 139 ft	129 - 139 ft	129 - 139 ft	129 - 139 ft	70 - 80 ft	70 - 80 ft	70 - 80 ft	70 - 80 ft	70 - 80 ft	70 - 80 ft	70 - 80 ft	70 - 80 ft	70 - 80 ft	70 - 80 ft	38 - 48 ft
		N	N	N	N	N	FD	N	N	N	N	N	N	N	FD	N	N	N	FD	N	N	N	N	N
Off Site		Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	#N/A	Off Site	Off Site	Off Site	Off Site	Off Site
Parameter	Units																							
Effective Date																								
Exceedance Key																								
Volatile Organic Compounds																								
Trichloroethylene (TCE)	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U
Semivolatile Organic Compounds																								
Benz(a)anthracene	ug/l	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U
Benzo(b)fluoranthene	ug/l	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U
Benzo(k)fluoranthene	ug/l	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U
Bis(2-ethylhexyl)phthalate	ug/l	< 5 U	< 5 U	--	< 2.0 U	< 2 U	< 2 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U	< 2.0 U	< 2 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U
Chrysene	ug/l	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U
Indeno(1,2,3-cd)pyrene	ug/l	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U
Pesticides																								
Chlordane, trans (gamma)	ug/l	< 0.0071 U	< 0.0072 U	--	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.0059 U	< 0.015 U	< 0.0075 U	< 0.0072 U	< 0.0070 U	--	< 0.0060 U	< 0.0056 U	< 0.0056 U	< 0.0059 U	< 0.0057 U	< 0.0057 U	< 0.0073 U	< 0.0070 U	< 0.0073 U	--	< 0.0056 U
Dieldrin	ug/l	< 0.0053 U	< 0.0055 U	--	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0045 U	< 0.0046 U	< 0.0057 U	< 0.0054 U	< 0.0053 U	--	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0044 U	< 0.0043 U	< 0.0043 U	< 0.0055 U	< 0.0053 U	< 0.0055 U	--	< 0.0043 U
Polychlorinated Biphenyls																								
Aroclor 1260	ug/l	< 0.15 U	< 0.15 U	--	170	< 0.024 U	< 0.024 U	< 0.13 U	< 0.13 U	< 0.17 U	< 0.15 U	< 0.15 U	--	< 0.12 U	< 0.12 U	< 0.024 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.16 U	< 0.15 U	< 0.16 U	--	< 0.12 U
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/l	ND	ND	--	170	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND
Metals																								
Antimony	mg/l	< 0.00041 U	< 0.00041 U	< 0.00041 U	0.0025	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	0.0020
Arsenic	mg/l	0.0020 J	0.0023	0.0019 J	0.0016 J	0.0087	0.0093	0.0217	0.0171	0.0267	0.0284	0.0028	0.0149	0.0017 J	0.0021 J	0.0012 J	0.0012 J	0.00098 J	0.0013 J	0.00084 J	0.00090 J	0.00069 J	0.0013 J	0.0031 J
Chromium	mg/l	< 0.00070 U	< 0.00070 U	< 0.00053 UB	0.0109	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00051 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00077 UB	0.0038 J
Iron	mg/l	< 0.151 UB	0.258	0.188 J	0.287 J	2.20	2.26	2.02	3.36	3.67	3.53	2.14	1.53	0.544	0.538	0.189 J	0.288 J	0.111 J	0.120 J	0.0886 J	< 0.0870 UB	< 0.110 UB	0.217	4.63
Lead	mg/l	< 0.0011 U	< 0.0011 U	< 0.000071 U	0.00026 J	0.00012 J	0.00012 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	0.0018 J
Magnesium	mg/l	14.0	14.3	13.7	0.408	17.2	18.3	16.3	18.4	18.8	17.8	18.7	15.8	15.6	15.8	16.7	17.7	17.1	16.9	17.3	16.8	17.2	16.9	14.4
Manganese	mg/l	0.394	0.500	0.356	0.0082 J	0.127	0.131	0.169	0.177	0.236	0.245	0.120	0.143	0.506	0.502	0.482	0.499	0.447	0.441	0.492	0.452	0.461	0.459	0.101
Sodium	mg/l	29.1	29.3	28.7	35.5	70.2	76.1	70.7	70.9	72.2	71.7	70.4	65.7	46.4	46.9	54.2	58.1	58.7	57.7	60.6	61.6	73.4	72.0	37.7
Zinc	mg/l	0.0272	0.0866	0.0168 J	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0037 U	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0037 U	0.0134 J
General Parameters																								
Chloride	mg/l	45.1 J	46.1	--	28.7	44.2	41.3	37.7	35.0 J	34.0 J	33.5	37.4 J	--	112	102	140	148 J	155	136 J	144 J	120 J	142	--	38.5
Sulfate, as SO4	mg/l	15.8	17.1	--	39.6	3.3 J	3.0 J	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U	6.6	--	27.7	29.2	35.0	39.5 J	36.1	37.4	38.6 J	31.7	34.9	--	21.5

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW26	MW26	MW26	MW26	MW26	MW26	MW26	MW27	MW27	MW27	MW27	MW27	MW27	MW27	MW27	MW28	MW28	MW28	MW28	MW28	MW28	MW28	MW28
		3/28/2018	6/15/2018	8/23/2018	11/30/2018	3/08/2019	6/11/2019	10/15/2019	10/09/2017	3/27/2018	7/06/2018	9/07/2018	12/06/2018	2/12/2019	5/13/2019	10/11/2019	10/13/2017	3/26/2018	7/05/2018	8/29/2018	12/05/2018	2/14/2019	5/16/2019	10/11/2019
		38 - 48 ft	38 - 48 ft	38 - 48 ft	38 - 48 ft	38 - 48 ft	38 - 48 ft	38 - 48 ft	51 - 61 ft	51 - 61 ft	51 - 61 ft	51 - 61 ft	51 - 61 ft	51 - 61 ft	51 - 61 ft	51 - 61 ft	90 - 100 ft	90 - 100 ft	90 - 100 ft	90 - 100 ft	90 - 100 ft	90 - 100 ft	90 - 100 ft	90 - 100 ft
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site
Parameter	Units																							
Effective Date																								
Exceedance Key																								
Volatile Organic Compounds																								
Trichloroethylene (TCE)	ug/l	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	0.4 J	0.3 J	< 0.2 U	0.3 J	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Semivolatiline Organic Compounds																								
Benz(a)anthracene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	--	< 0.10 UJ	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.09 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Benzo(b)fluoranthene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	--	< 0.10 UJ	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.09 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Benzo(k)fluoranthene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	--	< 0.10 UJ	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.09 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Bis(2-ethylhexyl)phthalate	ug/l	< 2 U	< 5 U	< 5 U	< 5 UJ	< 5 U	< 6 U	--	< 2.0 UJ	< 2 U	< 6 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U	< 2 U	< 5 U	< 6 U	< 5 U	< 5 U	< 6 U	--
Chrysene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	--	< 0.10 UJ	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.09 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Indeno(1,2,3-cd)pyrene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	--	< 0.10 UJ	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.09 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Pesticides																								
Chlordane, trans (gamma)	ug/l	< 0.0058 U	< 0.0060 U	< 0.0061 U	< 0.0074 U	< 0.0072 UJ	< 0.0078 U	--	< 0.0056 U	< 0.0059 U	< 0.0056 U	< 0.0061 U	< 0.0075 U	< 0.0071 UJ	< 0.0071 UJ	--	< 0.0056 U	< 0.0056 U	< 0.0060 U	< 0.0060 U	< 0.0072 U	< 0.0071 U	< 0.0074 U	--
Dieldrin	ug/l	< 0.0044 U	< 0.0045 U	< 0.0046 U	< 0.0056 U	< 0.0054 UJ	< 0.0059 U	--	< 0.0043 U	< 0.0045 U	< 0.0043 U	< 0.0046 U	< 0.0057 U	< 0.0054 U	< 0.0053 UJ	--	< 0.0043 U	< 0.0043 U	< 0.0045 U	< 0.0046 U	< 0.0054 U	< 0.0053 U	< 0.0056 U	--
Polychlorinated Biphenyls																								
Aroclor 1260	ug/l	< 0.025 U	< 0.13 U	< 0.13 U	< 0.16 U	< 0.15 U	< 0.17 U	--	< 0.12 U	< 0.025 U	< 0.12 U	< 0.13 UJ	< 0.16 U	< 0.15 U	< 0.15 U	--	< 0.12 U	< 0.024 U	< 0.13 U	< 0.13 U	< 0.15 U	< 0.15 U	< 0.16 U	--
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/l	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	--
Metals																								
Antimony	mg/l	< 0.0010 UB	0.00093 J	0.00056 J	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	0.00063 J	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U
Arsenic	mg/l	0.0013 J	0.0010 J	0.0017 J	0.0017 J	0.00076 J	0.00092 J	0.00087 J	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0010 J	0.0015 J	0.0020 J	0.0027 J	0.0014 J	0.0025	0.0017 J	0.0028
Chromium	mg/l	0.0015 J	0.0013 J	0.0023 J	0.0035 J	0.0014 J	0.00096 J	< 0.00097 UB	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00058 UB	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00069 UB	
Iron	mg/l	1.30	0.724	1.12	2.50	0.718	0.370	0.148 J	0.282 J	< 0.0805 U	0.0845 J	0.0767 J	< 0.0400 U	0.201	0.0810 J	0.125 J	0.688	0.545	0.582	0.521	0.406	0.369	0.291	0.421
Lead	mg/l	0.00094 J	0.00062 J	< 0.0011 U	0.0019 J	< 0.0011 U	< 0.0011 U	0.00013 J	0.00021 J	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	< 0.00011 U	0.00027 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.00071 U	
Magnesium	mg/l	16.4	21.1	22.0	21.6	20.6	19.5	19.3	10.2	13.2	10.8	11.5	11.3	11.3	13.0	9.33	18.0	20.3	20.0	19.6	19.7	19.4	20.7	17.7
Manganese	mg/l	0.0457	0.0361	0.0516	0.0914	0.0501	0.0149 J	0.0106	0.167	0.0184	0.0087 J	0.0371 J	0.0634	0.0288	0.0422	0.0042 J	0.373	0.504	0.532	0.533	0.529	0.515	0.513	0.481
Sodium	mg/l	39.6	44.6	44.4	46.1	51.7	45.6	53	39.6	44.2	49.6	47.3	53.0	46.7	45.9	37.4	65.4	65.0	73.2	66.2	73.4	68.4	55.5	57.8
Zinc	mg/l	< 0.0065 U	< 0.0065 U	0.0048 J	0.0055 J	< 0.0049 UB	0.0040 J	< 0.0037 U	< 0.0065 U	< 0.0065 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0037 U	< 0.0065 U	< 0.0065 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0037 U
General Parameters																								
Chloride	mg/l	47.4	43.8	47.1 J	38.7 J	42.2	42.5	--	54.5 J	119	100 J	85.1	71.6	56.8	93.5	--	118 J	127	152 J	130	147 J	99.7	112 J	--
Sulfate, as SO4	mg/l	15.1	20.0 J	23.0	18.1 J	20.9	19.7	--	16.4	19.5	16.9 J	19.9	16.4 J	13.7	15.4	--	28.1	27.3 J	31.9 J	26.9	23.0 J	24.7	28.8 J	--

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW29	MW29	MW29	MW29		MW29		MW29	MW29		MW29	MW30	MW30		MW30	MW30		MW30	MW30	MW30	MW30	MW31	MW31	MW31
		10/12/2017	1/18/2018	7/05/2018	8/29/2018		12/05/2018		2/14/2019	5/16/2019		10/11/2019	10/20/2017	3/16/2018		6/19/2018	9/10/2018		11/15/2018	2/11/2019	5/21/2019	10/07/2019	10/31/2017	3/14/2018	7/05/2018
		60 - 70 ft	60 - 70 ft	60 - 70 ft	60 - 70 ft	60 - 70 ft	60 - 70 ft	60 - 70 ft	60 - 70 ft	60 - 70 ft	60 - 70 ft	60 - 70 ft	45 - 55 ft	45 - 55 ft	45 - 55 ft	45 - 55 ft	45 - 55 ft	45 - 55 ft	45 - 55 ft	45 - 55 ft	45 - 55 ft	45 - 55 ft	29 - 39 ft	29 - 39 ft	29 - 39 ft
		N	N	N	N	FD	N	FD	N	N	FD	N	N	N	FD	N	N	FD	N	N	N	N	N	N	N
Off Site		Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site
Parameter	Units																								
Effective Date																									
Exceedance Key																									
Volatile Organic Compounds																									
Trichloroethylene (TCE)	ug/l	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U
Semivolatatile Organic Compounds																									
Benz(a)anthracene	ug/l	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 UJ	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	0.1 J	< 0.1 U	--	< 0.10 U	--	< 0.1 U
Benzo(b)fluoranthene	ug/l	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 UJ	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	0.3 J	< 0.1 U	--	< 0.10 U	--	< 0.1 U
Benzo(k)fluoranthene	ug/l	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 UJ	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	0.1 J	< 0.1 U	--	< 0.10 U	--	< 0.1 U
Bis(2-ethylhexyl)phthalate	ug/l	< 2.0 U	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 2.0 UJ	< 2 U	< 2 U	< 5 U	< 6 U	< 6 U	< 6 U	< 5 U	< 5 U	--	< 2.0 U	--	< 5 U
Chrysene	ug/l	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 UJ	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	0.3 J	< 0.1 U	--	< 0.10 U	--	< 0.1 U
Indeno(1,2,3-cd)pyrene	ug/l	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 UJ	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	0.2 J	< 0.1 U	--	< 0.10 U	--	< 0.1 U
Pesticides																									
Chlordane, trans (gamma)	ug/l	< 0.0057 U	< 0.0056 U	< 0.0058 U	< 0.0060 U	< 0.0060 U	< 0.0073 U	< 0.0071 U	< 0.0071 U	< 0.0073 U	< 0.0071 U	--	< 0.0057 U	< 0.0056 U	< 0.0056 U	< 0.0060 U	< 0.0061 U	< 0.0062 U	< 0.0075 U	< 0.0070 U	< 0.0073 U	--	< 0.0056 UJ	< 0.0056 UJ	< 0.0056 U
Dieldrin	ug/l	< 0.0043 U	< 0.0043 U	< 0.0044 U	< 0.0045 U	< 0.0045 U	< 0.0055 U	< 0.0054 U	<u>0.0056 J</u>	< 0.0055 U	< 0.0053 U	--	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0045 U	< 0.0046 U	< 0.0047 U	< 0.0057 U	< 0.0053 U	< 0.0055 U	--	< 0.0043 UJ	< 0.0043 UJ	< 0.0043 U
Polychlorinated Biphenyls																									
Aroclor 1260	ug/l	< 0.12 U	< 0.12 U	< 0.12 U	< 0.13 U	< 0.13 U	< 0.16 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.15 U	--	< 0.12 U	< 0.024 U	< 0.024 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.16 U	< 0.15 U	< 0.16 U	--	< 0.12 U	< 0.024 U	< 0.12 U
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND
Metals																									
Antimony	mg/l	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	0.00058 J	< 0.00041 U	< 0.00041 U	<u>0.0038</u>	0.00070 J	< 0.00041 U	0.00044 J	0.0024	0.0012 J	0.00063 J
Arsenic	mg/l	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0029 J	0.0024 J	0.0025 J	0.0027 J	0.0013 J	0.0017 J	0.0042	0.0042	0.0038	0.0014 J	0.0086	0.0021 J	0.0017 J
Chromium	mg/l	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	0.00091 J	< 0.00070 U	< 0.00074 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00087 U	0.00081 J	< 0.00070 U	0.0014 J	0.0031 J	< 0.00070 U	0.0044	0.0406	0.0058	0.0032 J
Iron	mg/l	< 0.0805 U	< 0.0805 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.04 U	0.134 J	< 0.102 UB	< 0.132 UB	0.217 J	0.290 J	0.290 J	<u>1.64</u>	<u>1.90</u>	<u>0.602</u>	<u>1.33</u>	<u>40.6</u>	<u>4.16</u>	<u>3.42</u>
Lead	mg/l	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	< 0.00011 U	0.00028 J	0.00036 J	0.0017 J	< 0.0011 U	< 0.0011 U	0.0025 J	0.0096	0.0025 J	0.0082	0.0155	0.0022	0.0020 J
Magnesium	mg/l	11.6	11.9	12.8	11.9	12.0	14.0	14.0	13.2	14.7	14.9	9.36	15.6	22.2	23.0	11.1	8.18	7.19	20.6	13.3	22.1	4.56	22.0	13.9	19.9
Manganese	mg/l	0.143	0.275	0.0688	0.0377 J	0.0359 J	<u>0.318</u>	<u>0.315</u>	<u>0.405</u>	<u>0.443</u>	<u>0.450</u>	0.0312	0.254	<u>0.572</u>	<u>0.592</u>	0.0750	0.0705	0.0578	<u>0.546</u>	0.294	<u>0.599</u>	0.0629	<u>0.715</u>	0.121	0.283
Sodium	mg/l	47.6	47.5	57.3	51.5	51.9	62.3	63.3	61.2	66.5	67.6	45.1	96.5	101	103	79.6	100	101	90.1	217	95.1	26.2	27.5	37.0	38.8
Zinc	mg/l	< 0.0065 U	< 0.0065 U	0.0032 J	0.0032 J	< 0.0030 U	< 0.0030 U	< 0.0034 UB	< 0.0030 U	< 0.0030 U	0.0032 J	< 0.0037 U	< 0.0065 U	0.0133 J	0.0154 J	0.0083 J	0.0044 J	0.0047 J	0.0748	0.387	0.0674	0.0717	0.0839	0.0128 J	0.0099 J
General Parameters																									
Chloride	mg/l	83.6 J	82.4	104 J	89.9	89.7	126 J	131 J	103	137	126 J	--	202	196	195	138	151 J	170	182 J	<u>280 J</u>	157	--	9.5	7.9	4.3 J
Sulfate, as SO4	mg/l	18.7	22.1	25.6 J	20.5	21.2	21.1 J	25.9 J	21.1	26.9	26.9 J	--	39.2	52.8	48.4	34.1	44.7 J	42.8	43.3 J	38.0	44.8	--	35.3	52.5	87.2 J

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW31 9/12/2018 29 - 39 ft N Off Site	MW31 3/07/2019 29 - 39 ft N Off Site	MW31 6/03/2019 29 - 39 ft N Off Site	MW31 10/10/2019 29 - 39 ft N Off Site	MW32 11/02/2017 66 - 71 ft N Off Site	MW32 3/30/2018 66 - 71 ft N Off Site	MW32 6/19/2018 66 - 71 ft N Off Site	MW32 9/12/2018 66 - 71 ft N Off Site	MW32 12/06/2018 66 - 71 ft N Off Site	MW32 3/06/2019 66 - 71 ft N Off Site	MW32 6/07/2019 66 - 71 ft N Off Site	MW32 10/16/2019 66 - 71 ft N Off Site	MW33 10/30/2017 50 - 60 ft N Off Site	MW33 3/28/2018 50 - 60 ft N Off Site	MW33 6/12/2018 50 - 60 ft N Off Site	MW33 8/22/2018 50 - 60 ft N Off Site	MW33 11/30/2018 50 - 60 ft N Off Site	MW33 2/27/2019 50 - 60 ft N Off Site	MW33 6/07/2019 50 - 60 ft N Off Site	MW33 10/04/2019 50 - 60 ft N Off Site	MW34 10/31/2017 85 - 91 ft N Off Site	MW34 3/27/2018 85 - 91 ft N Off Site	MW34 6/15/2018 85 - 91 ft N Off Site	
Parameter	Units																								
Effective Date																									
Exceedance Key																									
Volatile Organic Compounds																									
Trichloroethylene (TCE)	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 UJ	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U
Semivolatile Organic Compounds																									
Benz(a)anthracene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	--	< 0.10 U	--	< 0.1 U	
Benzo(b)fluoranthene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	--	< 0.10 U	--	< 0.1 U	
Benzo(k)fluoranthene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	--	< 0.10 U	--	< 0.1 U	
Bis(2-ethylhexyl)phthalate	ug/l	< 6 U	< 5 U	< 5 U	--	< 2.0 U	< 2 U	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U	< 2 U	< 6 U	< 5 U	< 5 UJ	< 5 U	< 5 U	--	< 2.0 U	--	< 5 U	
Chrysene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	--	< 0.10 U	--	< 0.1 U	
Indeno(1,2,3-cd)pyrene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	--	< 0.10 U	--	< 0.1 U	
Pesticides																									
Chlordane, trans (gamma)	ug/l	< 0.0058 U	< 0.0080 U	< 0.0071 U	--	<u>0.057 J</u>	< 0.0056 U	< 0.0059 U	0.0088 J	< 0.0075 U	< 0.0071 UJ	< 0.0075 U	--	< 0.0056 U	< 0.0059 U	< 0.0061 U	< 0.0062 U	< 0.0070 U	< 0.0074 U	< 0.0070 U	--	< 0.010 U	--	< 0.0059 U	
Dieldrin	ug/l	< 0.0044 U	< 0.0061 U	< 0.0054 U	--	< 0.0043 U	< 0.0043 U	< 0.0045 U	< 0.0045 UJ	< 0.0057 U	< 0.0053 UJ	< 0.0057 U	--	< 0.0043 U	< 0.0045 U	< 0.0046 U	< 0.0047 U	< 0.0053 U	< 0.0056 U	< 0.0053 U	--	< 0.0043 U	--	< 0.0045 U	
Polychlorinated Biphenyls																									
Aroclor 1260	ug/l	< 0.13 U	< 0.18 U	< 0.15 U	--	< 0.12 U	< 0.024 U	< 0.13 U	< 0.13 U	< 0.16 U	< 0.15 U	< 0.16 U	--	< 0.12 U	< 0.025 U	< 0.13 U	< 0.13 U	< 0.15 U	< 0.16 U	< 0.15 U	--	< 0.12 U	--	< 0.13 U	
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/l	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	--	ND	--	ND	
Metals																									
Antimony	mg/l	0.00072 J	0.00078 J	0.00076 J	< 0.00041 U	< 0.00045 U	< 0.00045 U	0.00091 J	0.00090 J	< 0.00041 U	0.00060 J	0.0011 J	0.00082 J	< 0.00045 U	< 0.0012 UB	0.00077 J	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U
Arsenic	mg/l	0.00086 J	< 0.00068 U	0.00086 J	0.00082 J	< 0.00072 U	< 0.00072 U	< 0.00072 U	0.00093 J	0.0012 J	0.0025	0.0016 J	0.0016 J	0.0030 J	0.0046	0.0044	0.0028 J	0.0014 J	0.0028	0.0020	0.0021	0.0028 J	0.0029 J	0.0028 J	
Chromium	mg/l	0.0013 J	0.0015 J	0.0015 J	< 0.0022 UB	0.0112	0.0077	0.0019 J	< 0.00070 U	< 0.00070 U	0.0030 J	< 0.00070 U	< 0.00092 UB	0.0028 J	0.0011 J	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00056 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	
Iron	mg/l	<u>1.16</u>	0.164 J	<u>1.01</u>	<u>2.47</u>	0.292 J	0.254 J	0.218 J	0.204 J	0.0892 J	0.137 J	0.275	0.0419 J	<u>1.50</u>	<u>0.318 J</u>	0.248 J	<u>0.489</u>	<u>0.731</u>	0.298	<u>0.640</u>	<u>0.474</u>	0.198 J	< 0.0805 U	0.0878 J	
Lead	mg/l	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.0013	0.0029	0.0014 J	0.00044 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	0.00099 J	0.00042 J	0.00016 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000081 UB	< 0.00011 U	< 0.00011 U	< 0.00011 U	
Magnesium	mg/l	25.4	27.7	28.0	31.5	0.264	0.203	0.176 J	0.264	< 0.118 UB	< 0.112 UB	0.186	0.0686 J	5.38	9.52	13.1	18.8	17.6	20.4	19.4	17.4	13.9	14.7	15.7	
Manganese	mg/l	<u>0.416</u>	0.257	0.0307	0.141	0.0085 J	0.0046 J	0.0041 J	0.0040 J	0.0019 J	0.0028 J	0.0034 J	< 0.003 U	0.0620	0.0472	0.0845	0.173	0.128	0.139	0.156	0.129	<u>0.539</u>	<u>0.556</u>	<u>0.603</u>	
Sodium	mg/l	<u>39.3</u>	<u>50.3</u>	<u>51.3</u>	<u>57.3</u>	<u>31.7</u>	<u>32.3</u>	<u>30.8</u>	<u>27.1</u>	<u>27.2</u>	<u>26.3</u>	<u>28.9</u>	<u>29.9</u>	<u>107</u>	<u>125</u>	<u>132</u>	<u>168</u>	<u>145</u>	<u>154</u>	<u>136</u>	<u>116</u>	<u>67.5</u>	<u>66.9</u>	<u>71.2</u>	
Zinc	mg/l	0.0085 J	0.0202	0.0172 J	0.0163 J	0.0104 J	0.0101 J	0.0069 J	0.0084 J	0.0034 J	0.0036 J	0.0097 J	0.0044 J	< 0.0065 U	< 0.0065 U	< 0.0065 U	0.0041 J	< 0.0030 U	< 0.0030 U	0.0039 J	< 0.0037 U	< 0.0065 U	< 0.0065 U	< 0.0065 U	
General Parameters																									
Chloride	mg/l	2.9 J	10.5	6.0	--	7.8	12.0	11.5	9.4 J	10.2	12.6	21.0	--	117	216	228	<u>305</u>	<u>251</u>	<u>336</u>	<u>252</u>	--	107	124	112 J	
Sulfate, as SO4	mg/l	134 J	<u>254</u>	240	--	< 1.5 U	16.0	23.0	15.5 J	14.1	21.5	24.5	--	19.7	14.6	19.1 J	29.8	10.5	18.4	14.4	--	28.7	32.1	30.0	

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW34	MW34		MW34	MW34	MW34	MW35	MW35	MW35	MW35	MW35	MW35	MW35	MW35	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MW36	MW38
		8/22/2018	12/07/2018		2/22/2019	6/05/2019	10/04/2019	10/31/2017	3/23/2018	7/02/2018	8/27/2018	11/29/2018	3/08/2019	6/10/2019	10/03/2019	9/18/2017	3/23/2018	6/21/2018	8/24/2018	11/28/2018	3/13/2019	6/11/2019	10/03/2019	6/14/2019
		85 - 91 ft	85 - 91 ft	85 - 91 ft	85 - 91 ft	85 - 91 ft	85 - 91 ft	105 - 110 ft	105 - 110 ft	105 - 110 ft	105 - 110 ft	105 - 110 ft	105 - 110 ft	105 - 110 ft	105 - 110 ft	135 - 145 ft	135 - 145 ft	135 - 145 ft	135 - 145 ft	135 - 145 ft	135 - 145 ft	135 - 145 ft	135 - 145 ft	32 - 37 ft
		N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	
Parameter	Units																							
Effective Date																								
Exceedance Key																								
Volatile Organic Compounds																								
Trichloroethylene (TCE)	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	
Semivolatile Organic Compounds																								
Benz(a)anthracene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.11 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.1 U
Benzo(b)fluoranthene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.11 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	--	< 0.1 U
Benzo(k)fluoranthene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.11 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	--	< 0.1 U
Bis(2-ethylhexyl)phthalate	ug/l	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U	< 2 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 2.1 U	< 2 U	< 5 U	< 5 U	< 5 UJ	< 5 U	< 5 U	--	6 J
Chrysene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.11 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.1 U
Indeno(1,2,3-cd)pyrene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.11 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	--	< 0.1 U
Pesticides																								
Chlordane, trans (gamma)	ug/l	< 0.0058 U	< 0.0070 U	< 0.0073 U	< 0.0071 U	< 0.0075 U	--	0.020 J	< 0.0058 UJ	< 0.0062 U	< 0.0058 U	< 0.0077 U	< 0.0076 UJ	< 0.0073 U	--	< 0.0061 U	< 0.0056 U	< 0.0059 U	< 0.0059 U	< 0.0070 U	< 0.0071 U	< 0.0072 U	--	< 0.0077 U
Dieldrin	ug/l	< 0.0044 U	< 0.0053 U	< 0.0055 U	< 0.0054 U	< 0.0057 U	--	< 0.0043 UJ	< 0.0044 UJ	< 0.0047 U	< 0.0044 U	< 0.0058 U	< 0.0058 U	< 0.0055 U	--	< 0.0046 U	< 0.0042 U	0.0059 J	< 0.0045 U	< 0.0053 U	< 0.0053 U	< 0.0055 U	--	< 0.0058 U
Polychlorinated Biphenyls																								
Aroclor 1260	ug/l	< 0.12 U	< 0.15 U	< 0.16 U	< 0.15 U	< 0.16 U	--	< 0.12 U	< 0.025 U	< 0.13 U	< 0.12 U	< 0.16 U	< 0.16 U	< 0.16 U	--	< 0.13 U	< 0.024 U	< 0.13 U	< 0.13 U	< 0.15 U	< 0.15 U	< 0.15 U	--	< 0.17 U
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/l	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	--	ND
Metals																								
Antimony	mg/l	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	0.00051 J	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	0.0012 J	< 0.00045 U	< 0.00045 U	0.00062 J	0.00071 J	0.0012 J	0.00065 J	0.00048 J	0.0013 J
Arsenic	mg/l	0.0027 J	0.0034	0.0028	0.0031	0.0030	0.0027	0.0034 J	0.0035 J	0.0031 J	0.0038 J	0.0035	0.0032	0.0026	0.0031	0.0032 J	0.0035 J	0.0029 J	0.0066	0.0046	0.0047	0.00076 J	0.0013 J	0.0021
Chromium	mg/l	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00056 UB	0.0041	0.0011 J	< 0.00070 U	0.0011 J	0.0013 J	0.00081 J	< 0.00070 U	< 0.00075 UB	0.0040	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.0012 UB	0.0044
Iron	mg/l	0.180 J	0.0901 J	0.112 J	0.286	0.228	0.136 J	2.39	0.787	0.171 J	0.506	1.17	0.237	0.586	0.321	1.42	0.831	0.0697 J	0.156 J	0.292	0.207	0.463	0.505	4.40
Lead	mg/l	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000087 UB	0.0020	0.00072 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.00017 J	0.0015 J	0.00036 J	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	0.0013 J	0.0016	0.0019 J
Magnesium	mg/l	15.4	16.0	15.7	15.7	15.5	14.8	11.7	12.3	11.5	11.5	12.2	11.6	11.1	11.0	9.07	10.0	1.31	6.24	9.19	2.99	0.456	1.81	30.9
Manganese	mg/l	0.594	0.612	0.611	0.626	0.605	0.622	0.826	0.924	0.833	0.823	0.966	0.986	0.909	0.875	0.506	0.349	0.0251	0.0647	0.0979	0.0322	0.0211	0.0139	0.221
Sodium	mg/l	69.9	70.9	69.8	77.3	71.2	66.3	37.5	40.4	39.3	38.3	38.7	43.5	38.3	39.5	56.1	59.4	77.6	63.3	119	82.8	60.9	65.6	26.9
Zinc	mg/l	< 0.0030 U	< 0.0030 U	< 0.0030 U	0.0196 J	0.0092 J	0.0047 J	0.0075 J	< 0.0065 U	< 0.0030 U	0.0046 J	< 0.0034 UB	< 0.0150 UB	0.0070 J	0.0044 J	0.0207 J	< 0.0065 U	< 0.0030 U	< 0.0030 U	0.0402	0.0105 J	0.0112 J	0.0158 J	< 0.0147 UB
General Parameters																								
Chloride	mg/l	117	116	114	130 J	122	--	6.3	5.8	6.8	6.0	4.2	6.6	7.0	--	8.2	8.9	68.7 J	28.7	132 J	79.7	101	--	2.9
Sulfate, as SO4	mg/l	31.8	28.8 J	27.1 J	29.8	30.1	--	19.5	18.4	21.1	23.6	17.1	22.0	20.2	--	9.2	3.6 J	< 1.5 U	3.9 J	4.0 J	2.8 J	8.2	--	47.0

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW38	MW39	MW39		MW40		MW40	MW41	MW41	MW42	PZ01	PZ01	PZ01	PZ01	PZ01	PZ01	PZ01	PZ01	PZ02	PZ02	PZ02	PZ02
		10/09/2019	5/24/2019	10/02/2019		5/23/2019		10/03/2019	5/28/2019	10/11/2019	6/14/2019	9/29/2017	2/05/2018	6/18/2018	9/12/2018	12/03/2018	2/27/2019	5/21/2019	10/16/2019	10/02/2017	2/08/2018	6/18/2018	9/13/2018
		32 - 37 ft	70 - 80 ft	70 - 80 ft	70 - 80 ft	38 - 43 ft	38 - 43 ft	38 - 43 ft	13 - 23 ft	13 - 23 ft	18 - 23 ft	20.5 - 25.5 ft	20.5 - 25.5 ft	20.5 - 25.5 ft	20.5 - 25.5 ft	20.5 - 25.5 ft	20.5 - 25.5 ft	20.5 - 25.5 ft	20.5 - 25.5 ft	18.5 - 23.5 ft	18.5 - 23.5 ft	18.5 - 23.5 ft	18.5 - 23.5 ft
		N	N	N	FD	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site
Parameter	Units																						
Effective Date																							
Exceedance Key																							
Volatile Organic Compounds																							
Trichloroethylene (TCE)	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U
Semivolatile Organic Compounds																							
Benz(a)anthracene	ug/l	--	< 0.1 U	--	--	< 0.1 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U
Benzo(b)fluoranthene	ug/l	--	< 0.1 U	--	--	< 0.1 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U
Benzo(k)fluoranthene	ug/l	--	< 0.1 U	--	--	< 0.1 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U
Bis(2-ethylhexyl)phthalate	ug/l	--	< 5 U	--	--	< 5 U	< 6 U	--	< 5 U	--	< 5 U	< 2.0 U	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U	< 2.0 U	< 5 U	< 5 U
Chrysene	ug/l	--	< 0.1 U	--	--	< 0.1 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U
Indeno(1,2,3-cd)pyrene	ug/l	--	< 0.1 U	--	--	< 0.1 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 UJ	< 0.10 U	< 0.1 U	< 0.1 U
Pesticides																							
Chlordane, trans (gamma)	ug/l	--	< 0.0077 U	--	--	< 0.0075 U	< 0.0076 UJ	--	< 0.0073 UJ	--	< 0.0076 U	< 0.0056 UJ	< 0.0056 U	< 0.0057 U	< 0.0059 U	< 0.0070 U	< 0.0071 U	< 0.0074 U	--	< 0.0056 U	0.0066 J	< 0.0058 U	< 0.0062 U
Dieldrin	ug/l	--	< 0.0058 U	--	--	< 0.0057 U	< 0.0058 UJ	--	<u>0.0090 J</u>	--	< 0.0057 U	< 0.0043 UJ	< 0.0043 U	< 0.0043 U	< 0.0044 U	< 0.0053 U	< 0.0054 U	< 0.0056 U	--	< 0.0043 U	< 0.0044 U	< 0.0044 U	< 0.0047 U
Polychlorinated Biphenyls																							
Aroclor 1260	ug/l	--	< 0.17 UJ	--	--	< 0.16 U	< 0.16 UJ	--	< 0.16 U	--	< 0.16 U	< 0.12 U	< 0.024 U	< 0.12 U	< 0.13 U	< 0.15 U	< 0.15 U	< 0.16 U	--	< 0.12 U	< 0.025 U	< 0.12 U	< 0.13 U
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/l	--	ND	--	--	ND	ND	--	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND
Metals																							
Antimony	mg/l	0.0011	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	0.00042 J	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U
Arsenic	mg/l	0.0019 J	0.0012 J	0.0021	0.0022	0.0012 J	0.00090 J	0.00095 J	0.0027	0.01	0.0026	0.0012 J	0.0023 J	0.0016 J	0.0018 J	0.0019 J	0.0024	0.0014 J	0.0023	0.0094	0.0037 J	0.0036 J	0.0021 J
Chromium	mg/l	< 0.0012 UB	0.0194	< 0.0018 UB	< 0.0022 UB	0.0025 J	< 0.00070 U	< 0.00071 UB	0.0016 J	0.0076	0.0012 J	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00033 U	0.0172	<u>0.0590</u>	0.0050	0.0028 J
Iron	mg/l	<u>0.302</u>	<u>0.628</u>	<u>0.822</u>	<u>0.818</u>	<u>1.15 J</u>	0.293 J	<u>0.375</u>	<u>3.94</u>	<u>20.3</u>	<u>1.86</u>	<u>1.79</u>	<u>2.88</u>	<u>2.79</u>	<u>2.96</u>	<u>3.17</u>	<u>4.11</u>	<u>3.80</u>	<u>4.5</u>	<u>36.1</u>	<u>3.15</u>	<u>6.24</u>	<u>3.45</u>
Lead	mg/l	0.00024 J	< 0.0011 U	0.00011 J	0.00013 J	< 0.0011 U	< 0.0011 U	0.000092 J	< 0.0011 U	0.0071	< 0.0011 U	0.00020 J	0.00039 J	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	0.0184	0.0068	0.0094	0.0056 J
Magnesium	mg/l	22.3	6.42	19.7	19.5	15.5	15.7	16.9	11.2	18.4	25.0	8.36	12.5	9.78	10.6	10.8	11.2	11.4	13.5	25.2	15.2	16.3	12.6
Manganese	mg/l	0.101	0.195	<u>0.949</u>	<u>0.929</u>	<u>0.872</u>	<u>1.06</u>	<u>1.11</u>	<u>0.304</u>	<u>2.01</u>	<u>1.58</u>	<u>0.686</u>	<u>1.02</u>	<u>0.682</u>	<u>0.726</u>	<u>0.758</u>	<u>0.783</u>	<u>0.808</u>	<u>0.92</u>	<u>1.55</u>	<u>0.943</u>	<u>0.976</u>	<u>0.717</u>
Sodium	mg/l	<u>61.5</u>	<u>33.5</u>	<u>27.4</u>	<u>28.6</u>	16.0	13.4	12.1	<u>245</u>	<u>131</u>	<u>40.2</u>	<u>44.3</u>	<u>61.3</u>	<u>62.1</u>	<u>61.8</u>	<u>61.1</u>	<u>58.7</u>	<u>59.0</u>	<u>73.9</u>	<u>25.1</u>	<u>21.8</u>	<u>28.8</u>	<u>30.2</u>
Zinc	mg/l	0.163	< 0.0030 U	< 0.0037 U	0.0041 J	0.0048 J	< 0.0030 U	0.0039 J	< 0.0030 U	0.0206	< 0.0092 UB	< 0.0065 U	< 0.0065 U	< 0.0030 U	0.0042 J	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0037 U	0.109	0.0243 J	0.0312 J	0.0182 J
General Parameters																							
Chloride	mg/l	--	5.6	--	--	51.5	52.9	--	<u>400</u>	--	109	73.2	104	132	114 J	65.3	115	126	--	45.0 J	39.5	53.0	52.2
Sulfate, as SO4	mg/l	--	132	--	--	64.4	60.6	--	<u>23.4</u>	--	52.9	20.5	23.9	19.1	20.0	17.1	13.8	14.1	--	16.4	16.6	17.7	16.0

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		PZ02 12/04/2018 18.5 - 23.5 ft N Off Site	PZ02 3/12/2019 18.5 - 23.5 ft N Off Site	PZ02 5/31/2019 18.5 - 23.5 ft N Off Site	PZ02 10/24/2019 18.5 - 23.5 ft N Off Site	PZ03 10/03/2017 18.5 - 23.5 ft N Off Site	PZ03 2/08/2018 18.5 - 23.5 ft N Off Site	PZ03 6/19/2018 18.5 - 23.5 ft N Off Site	PZ03 9/13/2018 18.5 - 23.5 ft N Off Site	PZ03 12/04/2018 18.5 - 23.5 ft N Off Site	PZ03 3/08/2019 18.5 - 23.5 ft N Off Site	PZ03 5/30/2019 18.5 - 23.5 ft N Off Site	PZ03 10/24/2019 18.5 - 23.5 ft N Off Site	PZ04 9/29/2017 28 - 38 ft N Off Site	PZ04 2/16/2018 28 - 38 ft N Off Site	PZ04 6/20/2018 28 - 38 ft N Off Site	PZ04 9/14/2018 28 - 38 ft N Off Site	PZ04 12/05/2018 28 - 38 ft N Off Site	PZ04 3/08/2019 28 - 38 ft N Off Site	PZ04 5/15/2019 28 - 38 ft N Off Site	PZ04 10/23/2019 28 - 38 ft N Off Site	PZ05 10/02/2017 21.5 - 26.5 ft N Off Site	PZ05 2/16/2018 21.5 - 26.5 ft N Off Site	
Parameter	Units																							
Effective Date																								
Exceedance Key																								
Volatile Organic Compounds																								
Trichloroethylene (TCE)	ug/l	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U
Semivolatile Organic Compounds																								
Benz(a)anthracene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U
Benzo(b)fluoranthene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U
Benzo(k)fluoranthene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U
Bis(2-ethylhexyl)phthalate	ug/l	< 5 U	< 5 U	< 5 U	--	< 2.1 U	< 2.1 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U	< 2.1 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U	< 2.0 U
Chrysene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U
Indeno(1,2,3-cd)pyrene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 UJ	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 UJ	< 0.10 U
Pesticides																								
Chlordane, trans (gamma)	ug/l	< 0.0070 U	< 0.0073 U	< 0.0071 U	--	< 0.0056 U	< 0.030 U	< 0.0057 U	< 0.0058 U	< 0.0071 U	< 0.0073 UJ	< 0.0073 U	--	< 0.0057 UJ	< 0.0056 U	< 0.0059 U	< 0.0060 U	< 0.0071 U	< 0.0071 UJ	< 0.0070 U	--	< 0.0056 U	< 0.0057 U	
Dieldrin	ug/l	< 0.0053 U	< 0.0055 U	< 0.0054 U	--	< 0.0043 U	< 0.0043 U	< 0.0043 U	< 0.0044 U	< 0.0054 U	< 0.0055 UJ	< 0.0055 U	--	< 0.0043 UJ	< 0.0043 U	< 0.0044 U	< 0.0045 U	< 0.0054 U	< 0.0054 UJ	< 0.0053 U	--	< 0.0043 U	< 0.0043 U	
Polychlorinated Biphenyls																								
Aroclor 1260	ug/l	< 0.15 U	< 0.16 U	< 0.15 U	--	< 0.12 U	< 0.024 U	< 0.12 U	< 0.12 U	< 0.15 U	< 0.16 U	< 0.16 U	--	< 0.12 U	< 0.024 U	< 0.13 U	< 0.13 U	< 0.15 U	< 0.15 U	< 0.15 U	--	< 0.12 U	< 0.024 U	
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/l	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND
Metals																								
Antimony	mg/l	< 0.00041 U	0.00043 J	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	0.00042 J	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U
Arsenic	mg/l	0.0025	0.0244	0.0049	0.0011 J	0.0023 J	0.0023 J	0.0018 J	0.0019 J	0.0067	0.0077	0.0066	0.0039	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	0.0024 J	0.0034 J	
Chromium	mg/l	0.0066	0.0461	0.0102	< 0.001 UB	0.0036 J	< 0.00087 U	0.00098 J	0.0013 J	0.0130	0.0359	0.0144	0.0042	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00054 UB	< 0.00087 U	< 0.00087 U
Iron	mg/l	9.87	75.6	10.8	0.938	7.99	0.368 J	0.655	1.40	20.4	31.2	13.1	9.02	< 0.0805 U	< 0.0805 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.04 U	0.171 J	0.191 J
Lead	mg/l	0.0051	0.0423	0.0075	0.0017	0.0031	0.0012 J	0.00090 J	0.0013 J	0.0124	0.0409	0.0359	0.0274	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	< 0.00011 U	< 0.00011 U
Magnesium	mg/l	13.0	36.8	14.4	10.7	14.6	11.7	11.8	11.4	17.7	27.3	23.4	22.3	9.86	12.3	11.8	11.4	11.8	12.2	12.4	9.86	11.3	10.5	
Manganese	mg/l	0.636	2.33	0.583	0.497	0.567	0.339	0.354	0.361	0.815	1.95	1.54	1.42	0.381	0.470	0.468	0.476	0.508	0.576	0.550	0.516	0.434	0.380	
Sodium	mg/l	30.3	29.1	30.7	32.4	34.0	34.2	35.4	32.8	35.5	37.9	37.7	34.6	40.2	45.1	47.7	43.5	48.2	52.1	50.0	37	36.7	38.9	
Zinc	mg/l	< 0.0266 UB	0.212	0.0323	0.0093 J	0.0203 J	< 0.0065 U	0.0030 J	0.0060 J	0.0534	0.107	0.0486	0.0448	< 0.0065 U	< 0.0065 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0037 U	< 0.0065 U	< 0.0065 U
General Parameters																								
Chloride	mg/l	48.2	54.8 J	63.8	--	54.0 J	48.0	58.8	47.7	54.7 J	57.7	67.4	--	62.1	80.9	79.7	74.1	71.2 J	91.4	101 J	--	66.3 J	53.2	
Sulfate, as SO4	mg/l	16.1	17.5	15.9	--	15.8	15.0	16.8	16.2	16.6 J	18.9	19.0	--	22.0	23.4	20.1	21.8	14.3 J	19.2	16.2 J	--	26.1	19.5	

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		PZ05	PZ05	PZ05	PZ05	PZ05	PZ05	PZ06	PZ06		PZ06	PZ06	PZ06	PZ06	PZ06	PZ06	PZ07	PZ07	PZ07	PZ07	PZ07	PZ07	PZ07	PZ
		6/21/2018	9/17/2018	12/10/2018	3/11/2019	5/29/2019	10/16/2019	10/04/2017	2/15/2018		6/21/2018	9/14/2018	12/05/2018	3/12/2019	5/15/2019	10/23/2019	10/05/2017	2/09/2018	6/22/2018	9/18/2018	12/06/2018	3/13/2019	5/14/2019	10/15
		21.5 - 26.5 ft	21.5 - 26.5 ft	21.5 - 26.5 ft	21.5 - 26.5 ft	21.5 - 26.5 ft	21.5 - 26.5 ft	35 - 45 ft	35 - 45 ft	35 - 45 ft	35 - 45 ft	35 - 45 ft	35 - 45 ft	35 - 45 ft	35 - 45 ft	35 - 45 ft	49 - 59 ft	49 - 59 ft	49 - 59 ft	49 - 59 ft	49 - 59 ft	49 - 59 ft	49 - 59 ft	49 - 59 ft
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site	Off Site
Parameter	Units																							
Effective Date																								
Exceedance Key																								
Volatile Organic Compounds																								
Trichloroethylene (TCE)	ug/l	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Semivolatile Organic Compounds																								
Benz(a)anthracene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Benzo(b)fluoranthene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Benzo(k)fluoranthene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Bis(2-ethylhexyl)phthalate	ug/l	< 5 U	< 6 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U	< 2.0 U	< 2.1 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--	< 2.0 U	< 2.0 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--
Chrysene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Indeno(1,2,3-cd)pyrene	ug/l	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	< 0.10 U	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Pesticides																								
Chlordane, trans (gamma)	ug/l	< 0.0058 U	< 0.0060 UJ	< 0.0077 UJ	< 0.0070 U	< 0.0074 U	--	< 0.0056 U	< 0.0059 U	< 0.0056 U	< 0.0058 U	< 0.0057 U	< 0.0071 U	< 0.0070 U	< 0.0073 U	--	< 0.0056 U	< 0.0058 U	< 0.0061 U	< 0.0063 U	< 0.0070 U	< 0.0070 U	< 0.0073 U	--
Dieldrin	ug/l	< 0.0044 U	< 0.0045 UJ	< 0.0059 UJ	< 0.0053 U	< 0.0056 U	--	< 0.0043 U	< 0.0045 U	< 0.0043 U	< 0.0044 U	< 0.0043 U	< 0.0054 U	< 0.0053 U	< 0.0055 U	--	< 0.0043 U	< 0.0044 U	< 0.0046 U	< 0.0048 U	< 0.0053 U	< 0.0053 U	< 0.0055 U	--
Polychlorinated Biphenyls																								
Aroclor 1260	ug/l	< 0.12 U	< 0.13 U	< 0.17 U	< 0.15 U	< 0.16 U	--	< 0.12 U	< 0.025 U	< 0.024 U	< 0.12 U	< 0.12 U	< 0.15 U	< 0.15 U	< 0.16 U	--	< 0.12 U	< 0.025 U	< 0.13 U	< 0.13 U	< 0.15 U	< 0.15 U	< 0.16 U	--
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/l	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	--
Metals																								
Antimony	mg/l	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U
Arsenic	mg/l	0.0028 J	0.0026 J	0.0026	0.0023	0.0024	0.0026	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U
Chromium	mg/l	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00055 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00057 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00057 UB
Iron	mg/l	0.140 J	0.121 J	0.124 J	0.142 J	0.176 J	0.149 J	< 0.0805 U	< 0.0805 U	< 0.0805 U	< 0.0400 U	0.0407 J	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.04 U	0.149 J	< 0.0805 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.04 U
Lead	mg/l	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U	0.00018 J	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U
Magnesium	mg/l	12.4	11.8	11.0	10.3	10.8	10.1	9.89	11.5	11.5	10.4	11.6	12.9	14.1	13.6	12.2	15.2	9.32	13.7	13.2	12.3	13.6	13.8	10.9
Manganese	mg/l	0.435	0.426	0.442	0.403	0.414	0.404	0.733	0.708	0.708	0.633	0.683	0.714	0.810	0.656	0.724	0.619	0.593	0.597	0.494	0.365	0.364	0.294	0.302
Sodium	mg/l	38.6	37.9	43.1	40.2	38.6	36.3	41.7	41.5	42.0	44.2	49.7	47.0	50.2	58.9	57.7	63.7	48.6	60.1	56.2	54.5	69.7	91.4	72.4
Zinc	mg/l	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0037 U	< 0.0065 U	< 0.0065 U	< 0.0065 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	0.004 J	< 0.0065 U	< 0.0065 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0037 U	
General Parameters																								
Chloride	mg/l	58.0	78.0	53.2	74.5 J	68.5	--	67.1	64.4	64.9	66.3 J	81.7	61.9	116 J	96.7 J	--	168	65.0	190	102	64.4	128	158	--
Sulfate, as SO4	mg/l	23.0	27.8	18.9	19.9	22.7	--	17.3 J	16.4	16.4	14.0	17.2	13.0	11.8	12.1 J	--	20.8 J	16.0	15.2	14.7	11.6	13.8	16.9	--

Table 4
Deep Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		07	PZ08	PZ08	PZ08	PZ08	PZ08	PZ08	PZ08		PZ08	PZ08
		/2019	10/05/2017	3/13/2018	6/26/2018	9/12/2018	12/07/2018	3/01/2019	3/13/2019		5/14/2019	10/15/2019
		49 - 59 ft FD Off Site	39 - 49 ft N Off Site	39 - 49 ft N Off Site	39 - 49 ft N Off Site	39 - 49 ft N Off Site	39 - 49 ft N Off Site	39 - 49 ft N Off Site	39 - 49 ft N Off Site	39 - 49 ft FD Off Site	39 - 49 ft N Off Site	39 - 49 ft N Off Site
Parameter	Units											
Effective Date												
Exceedance Key												
Volatile Organic Compounds												
Trichloroethylene (TCE)	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Semivolatile Organic Compounds												
Benz(a)anthracene	ug/l	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Benzo(b)fluoranthene	ug/l	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Benzo(k)fluoranthene	ug/l	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Bis(2-ethylhexyl)phthalate	ug/l	--	< 2.0 U	< 2 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	--
Chrysene	ug/l	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Indeno(1,2,3-cd)pyrene	ug/l	--	< 0.10 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--
Pesticides												
Chlordane, trans (gamma)	ug/l	--	0.011 J	< 0.0056 U	< 0.0058 U	< 0.0058 UJ	< 0.0070 U	< 0.0071 U	< 0.0074 U	< 0.0073 U	< 0.020 U	--
Dieldrin	ug/l	--	< 0.0043 U	0.0046 J	< 0.0044 U	< 0.0044 UJ	< 0.0053 U	< 0.0054 U	< 0.0056 U	< 0.0055 U	< 0.0054 U	--
Polychlorinated Biphenyls												
Aroclor 1260	ug/l	--	< 0.12 U	< 0.024 U	< 0.12 U	< 0.12 U	< 0.15 U	< 0.15 U	< 0.16 U	< 0.16 U	< 0.15 U	--
Polychlorinated Biphenyls (calculation), non-detections at zero	ug/l	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
Metals												
Antimony	mg/l	< 0.00041 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U
Arsenic	mg/l	< 0.00068 U	< 0.00072 U	< 0.00072 U	< 0.00072 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U	< 0.00068 U
Chromium	mg/l	< 0.0005 UB	< 0.00087 U	< 0.00087 U	< 0.00087 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00070 U	< 0.00041 UB
Iron	mg/l	< 0.04 U	< 0.0805 U	< 0.0805 U	< 0.0400 U	< 0.0400 U	< 0.0400 U	0.0550 J	< 0.0400 U	< 0.0400 U	< 0.0400 U	< 0.04 U
Lead	mg/l	< 0.000071 U	< 0.00011 U	< 0.00011 U	< 0.00011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.000071 U
Magnesium	mg/l	10.9	10.4	9.97	13.7	10.8	12.3	11.8	11.7	11.4	9.14	8.97
Manganese	mg/l	0.283	0.0575	< 0.0016 U	0.0014 J	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.0011 U	< 0.003 U
Sodium	mg/l	71.3	91.4	109	61.6	59.2	124	126	124	123	118	57.9
Zinc	mg/l	< 0.0037 U	< 0.0065 U	< 0.0065 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0030 U	< 0.0037 U
General Parameters												
Chloride	mg/l	--	132	180	112 J	98.8 J	218	186	209	208	149 J	--
Sulfate, as SO4	mg/l	--	19.4 J	22.4	16.7 J	14.5	18.2 J	24.5 J	23.3	23.5	19.6 J	--

Data Footnotes and Qualifiers

Barr Standard Footnotes and Qualifiers

--	Not analyzed/Not available.
N	Sample Type: Normal
FD	Sample Type: Field Duplicate
ND	Not detected.
F	The result is faulty due to problems outside the realm of typical validation rules/flags. This qualifier may be affixed to a result when the validator considers the result suspect, warranting notification of the end user. NYSDEC project-specific. (Please confirm)
J	Estimated detected value. Either certain QC criteria were not met or the concentration is between the laboratory's detection and quantitation limits.
N	The analyte has been "tentatively identified" or considered "presumptively" present
R	"The data are unusable. The samples results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.", "hit"
U	The analyte was analyzed for, but was not detected. (Please confirm)
UB	The analyte was detected in one of the associated laboratory, equipment, field or trip blank samples and is considered non-detect at the concentration reported by the laboratory.
UJ	The analyte was analyzed for, but was not detected. The reported value is approximate and may be inaccurate or imprecise

New York State Ambient Water Quality Guidance Values

NGV	No guidance value available.
-----	------------------------------

New York State Ambient Water Quality Standards

PCB	Polychlorinated Biphenyls should be summed and compared to the Polychlorinated Biphenyls criteria level
NS	No Standard available.
ND	Not Detected.
(1)	The principal organic contaminant standard for groundwater of 5 ug/l applies to this substance
(6)	Applies to the sum of cis- and trans-1,3-dichloropropene, CAS Nos. 10061-01-5 and 10061-02-6, respectively
(12)	500 ug/l applies to the sum of iron and manganese.
(15)	Applies to the sum of phenol substances.
(18)	The principal organic contaminant standard for groundwater of 5 ug/l applies to each isomer (1,2,3,4-, 1,2,3,5-, and 1,2,4,5-tetrachlorobenzene) individually.
(19)	The principal organic contaminant standard for groundwater of 5 ug/l applies to each isomer (1,2,3-, 1,2,4-, and 1,3,5-trichlorobenzene) individually.
(21)	Applies to each isomer (1,2-,1,3- and 1,4-dichlorobenzene) individually

Table 5
Bedrock Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

Location Date Depth Sample Type Description				MW17	MW17	MW17	MW17	MW17		MW17	MW17	MW17	MW17	MW17	MW17	MW18		MW18	MW18	MW18	MW18	MW18	MW18	MW18
				12/01/2016	4/20/2017	9/19/2017	3/22/2018	7/16/2018		9/12/2018	12/10/2018	3/15/2019	5/28/2019	10/15/2019	11/28/2016	4/12/2017		8/18/2017	3/22/2018	7/16/2018	9/11/2018	12/04/2018	3/12/2019	5/06/2019
				39 - 60 ft	39 - 60 ft	39 - 60 ft	39 - 60 ft	39 - 60 ft	39 - 60 ft	39 - 60 ft	39 - 60 ft	39 - 60 ft	39 - 60 ft	39 - 60 ft	39 - 60 ft	19 - 45 ft	19 - 45 ft	19 - 45 ft	19 - 45 ft	19 - 45 ft	19 - 45 ft	19 - 45 ft	19 - 45 ft	19 - 45 ft
				N	N	N	N	N	FD	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N
On Site				On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site	On Site
Parameter	Units	New York State Ambient Water Quality Guidance Values	New York State Ambient Water Quality Standards																					
Effective Date		06/01/1998	06/01/1998																					
Exceedance Key		No Exceedances	Underline																					
Volatile Organic Compounds																								
Chloroform	ug/l	NGV	7	5	0.8 J	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	2	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Toluene	ug/l	NGV	5 (1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Metals																								
Antimony	mg/l	NGV	0.003	0.0031 J	< 0.0011 UB	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00048 U	< 0.00048 U	< 0.00048 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U
Iron	mg/l	NGV	0.3 (12)	1.66	8.73	3.96	0.670	5.82	5.62	3.08	3.69	0.488	7.36	10.5	6.32	5.79	5.49	1.47	11.2	10.7	3.86	2.76	1.44	9.75
Manganese	mg/l	NGV	0.3 (12)	0.0290	0.167	0.343	0.0640	0.357	0.351	0.192	0.0580	0.0347	0.340	0.349	0.367	0.663	0.715	0.491	0.760	0.880	0.578	0.519	0.487	1.05
Sodium	mg/l	NGV	20	36.6	32.9	28.6	29.3	28.8	28.2	26.7	27.7	28.1	29.4	31.1	76.5	20.8	20.2	17.8	20.8	22.6	20.8	20.9	21.9	26.9

Table 5
Bedrock Groundwater Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		MW18 10/02/2019 19 - 45 ft N On Site	MW19 11/28/2016 29 - 55 ft N On Site	MW19 4/12/2017 29 - 55 ft N On Site	MW19 8/22/2017 29 - 55 ft N On Site		29 - 55 ft FD On Site	MW19 3/16/2018 29 - 55 ft N On Site	MW19 7/06/2018 29 - 55 ft N On Site	MW19 9/12/2018 29 - 55 ft N On Site	MW19 11/30/2018 29 - 55 ft N On Site	MW19 2/26/2019 29 - 55 ft N On Site	MW19 5/08/2019 29 - 55 ft N On Site	MW19 10/07/2019 29 - 55 ft N On Site
Parameter	Units													
Effective Date														
Exceedance Key														
Volatile Organic Compounds														
Chloroform	ug/l	< 0.2 U	24	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Toluene	ug/l	< 0.2 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	22	< 0.5 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Metals														
Antimony	mg/l	< 0.00041 U	< 0.00048 U	< 0.00048 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00045 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U	< 0.00041 U
Iron	mg/l	40.3	3.92	3.45	5.16 J	5.37 J	5.58	6.20	4.65	1.48	3.68	8.43	3.75	
Manganese	mg/l	1.21	0.290	0.385	0.383	0.379	0.274	0.426	0.389	0.0856	0.0821	0.386	0.533	
Sodium	mg/l	31.9	19.3	14.4	14.5	14.3	27.2	14.5	14.9	32.3	32.8	19.5	13.5	

Data Footnotes and Qualifiers

Barr Standard Footnotes and Qualifiers

--	Not analyzed/Not available.
N	Sample Type: Normal
FD	Sample Type: Field Duplicate
ND	Not detected.
J	Estimated detected value. Either certain QC criteria were not met or the concentration is between the laboratory's detection and quantitation limits.
R	"The data are unusable. The samples results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.", "hit"
U	The analyte was analyzed for, but was not detected. (Please confirm)
UB	The analyte was detected in one of the associated laboratory, equipment, field or trip blank samples and is considered non-detect at the concentration reported by the laboratory.
UJ	The analyte was analyzed for, but was not detected. The reported value is approximate and may be inaccurate or imprecise

New York State Ambient Water Quality Guidance Values

NGV	No guidance value available.
-----	------------------------------

New York State Ambient Water Quality Standards

PCB	Polychlorinated Biphenyls should be summed and compared to the Polychlorinated Biphenyls criteria level
NS	No Standard available.
ND	Not Detected.
(1)	The principal organic contaminant standard for groundwater of 5 ug/l applies to this substance.
(6)	Applies to the sum of cis- and trans-1,3-dichloropropene, CAS Nos. 10061-01-5 and 10061-02-6, respectively
(12)	500 ug/l applies to the sum of iron and manganese.
(15)	Applies to the sum of phenol substances.
(18)	The principal organic contaminant standard for groundwater of 5 ug/l applies to each isomer (1,2,3,4-, 1,2,3,5-, and 1,2,4,5-tetrachlorobenzene) individually.
(19)	The principal organic contaminant standard for groundwater of 5 ug/l applies to each isomer (1,2,3-, 1,2,4-, and 1,3,5-trichlorobenzene) individually.
(21)	Applies to each isomer (1,2-,1,3- and 1,4-dichlorobenzene) individually

Table 6
Surface Water Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

									Location	SW02		SW02		SW02	
									Date	4/26/2017		8/25/2017		3/27/2018	
									Depth Sample Type	0 - 1.5 ft N	0 - 1.5 ft FD	0 - 1 ft N	0 - 1 ft FD	2 ft N	2 ft FD
Parameter	Units	New York DEC Surface Water Class C Type A(A) Fish Survival - Guidance Value	New York DEC Surface Water Class C Type A(A) Fish Survival - Standard	New York DEC Surface Water Class C Type A(C) Fish Propagation - Guidance Value	New York DEC Surface Water Class C Type A(C) Fish Propagation - Standard	New York DEC Surface Water Class C Type H(FC) Human Consumption of Fish - Guidance Value	New York DEC Surface Water Class C Type H(FC) Human Consumption of Fish - Standard	New York DEC Surface Water Class C Type W Wildlife Protection - Standard							
Effective Date		06/01/1998	06/01/1998	06/01/1998	06/01/1998	06/01/1998	06/01/1998	06/01/1998							
Exceedance Key		No Exceedances	No Exceedances	No Exceedances	Bold	No Exceedances	<u>Underline</u>	<i>Italic</i>							
Pesticides															
4,4'-DDD	ug/l	NGV	NS	NGV	NS	NGV	<u>0.00008</u>	<i>0.000011 (2)</i>	< 0.0043 U	< 0.0042 U	< 0.0040 U	< 0.0041 U	< 0.0040 U	< 0.0040 U	< 0.0040 U
Heptachlor	ug/l	NGV	NS	NGV	NS	NGV	<u>0.0002</u>	NS	< 0.0017 U	<u>0.0023 J</u>	< 0.0016 U	< 0.0016 U	< 0.0016 U	< 0.0016 U	< 0.0016 U
Metals															
Aluminum	mg/l	NGV	NS	NGV	0.1 (2)	NGV	NS	NS	< 0.157 UB	< 0.128 UB	0.260 J	0.233 J	0.187 J	0.140 J	
Iron	mg/l	NGV	NS	NGV	0.3 (6)	NGV	NS	NS	0.162 J	0.179 J	0.398 J	0.387 J	0.220 J	0.145 J	
Silver	mg/l	NGV	NS	NGV	0.0001 (18)	NGV	NS	NS	< 0.00012 U	< 0.00012 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U	< 0.00015 U

Table 6
Surface Water Analytical Results Greater than Standards, Criteria and Guidance
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

		SW02		SW02	SW02	SW02	SW03	SW03	SW03	SW03	SW03	SW03	SW03	SW03	SW03	SW04	SW04	SW04	SW04	SW04		SW04		SW04	
		7/11/2018		11/30/2018	3/14/2019	10/08/2019	12/01/2016	3/27/2018	7/18/2018	9/12/2018	3/14/2019	6/04/2019	10/21/2019	4/26/2017	8/24/2017	3/27/2018	7/11/2018	11/30/2018		3/14/2019		10/08/2019			
		0 - 1.5 ft	0 - 1.5 ft	2 ft	1.5 ft	0.5 ft	0 - 0.92 ft	0.5 ft	0 - 0.3 ft	0 - 0.5 ft	0.5 ft	3 ft	4 ft	0 - 3 ft	0 - 1 ft	5 ft	0 - 3 ft	3 ft	3 ft	2 ft	2 ft	1.5 ft	1.5 ft		
		N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	FD	N	FD
Parameter	Units																								
Effective Date																									
Exceedance Key																									
Pesticides																									
4,4'-DDD	ug/l	< 0.0041 U	< 0.0045 U	< 0.0050 U	< 0.0057 U	--	< 0.0040 U	< 0.0041 U	< 0.0040 U	< 0.0042 UJ	< 0.0051 UJ	< 0.0054 U	--	0.0052 J	< 0.0040 U	< 0.0040 U	< 0.0043 U	< 0.0052 U	< 0.0053 U	< 0.0052 UJ	< 0.0052 U	--	--		
Heptachlor	ug/l	< 0.0016 U	< 0.0018 U	0.0033 J	< 0.0023 U	--	< 0.0016 U	< 0.0016 U	< 0.0016 U	< 0.0017 UJ	< 0.0021 UJ	< 0.0022 U	--	< 0.0017 U	< 0.0016 U	< 0.0016 U	< 0.0017 U	< 0.0021 U	< 0.0021 U	< 0.0021 UJ	< 0.0021 U	--	--		
Metals																									
Aluminum	mg/l	0.194 J	< 0.153 U	0.390	0.376	0.759 J	0.675	0.339 J	2.66	0.595 J	0.693	2.44	1.32	< 0.121 UB	0.385 J	0.118 J	0.194 J	0.229 J	0.203 J	< 0.153 U	0.156 J	0.721 J	0.678 J		
Iron	mg/l	0.146 J	0.113 J	0.433	0.315	0.973 J	0.865	0.422	2.27	0.638	0.950	3.04	1.4	0.175 J	0.651	0.171 J	0.189 J	0.264	0.205	0.250	0.240	1.07 J	0.927 J		
Silver	mg/l	< 0.00017 U	< 0.00017 U	< 0.00017 U	< 0.00017 U	< 0.005 U	< 0.00012 U	< 0.00015 U	< 0.00017 U	< 0.00017 U	< 0.00017 U	< 0.00017 U	< 0.005 U	< 0.00012 U	< 0.00015 U	< 0.00015 U	< 0.00017 U	0.0011 J	< 0.00017 UJ	< 0.00017 U	< 0.00017 U	< 0.005 U	< 0.005 U		

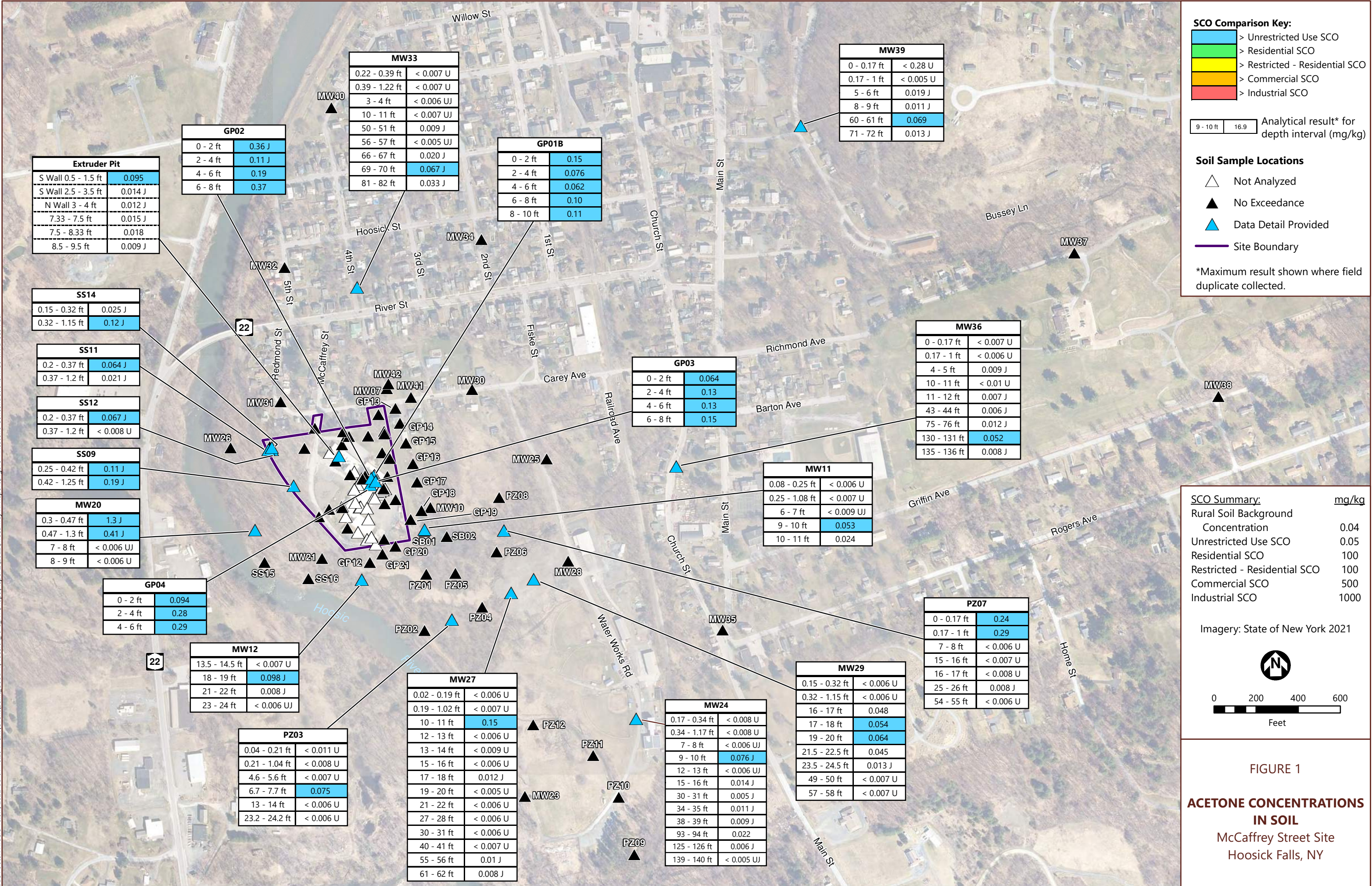
Table 7
Summary of SCG Exceedances
(excluding PFAS)
McCaffrey Street Site
Hoosick Falls, NY

Media	Class	Chemical	Unit	On-Site					Off-Site			
				Detected Concentration Range	Frequency of Exceeding Standard	Applicable SCO			Detected Concentration Range	Frequency of Exceeding Standard	Applicable SCO	
						Value	Basis				Value	Basis
Soil	VOCs	Not Detected Above Applicable SCOs										
	SVOCs	Benz(a)anthracene	ug/kg		0 of 87				4 - 18000	7 of 291	1000	Res. SCO
		Benzo(a)pyrene	ug/kg	4 - 2400	1 of 87	1100	Ind. SCO		4 - 11000	7 of 291	1000	Res. SCO
		Benzo(b)fluoranthene	ug/kg		0 of 87				4 - 24000	10 of 291	1000	Res. SCO
		Benzo(k)fluoranthene	ug/kg		0 of 87				4 - 8700	4 of 291	1000	Res. SCO
		Chrysene	ug/kg		0 of 87				4 - 19000	6 of 291	1000	Res. SCO
		Dibenz(a,h)anthracene	ug/kg		0 of 87				4 - 2700	4 of 291	330	Res. SCO
		Indeno(1,2,3-cd)pyrene	ug/kg		0 of 87				4 - 6900	10 of 291	500	Res. SCO
	Pesticides	b-BHC	ug/kg		0 of 87				0.44 - 100	1 of 291	72	Res. SCO
	PCBs	Not Detected Above Applicable SCOs										
	Metals	Arsenic	mg/kg		0 of 87				0.222 - 34.7	9 of 292	16	Res. SCO
		Barium	mg/kg		0 of 87				16.7 - 351	1 of 292	350	Res. SCO
		Cadmium	mg/kg		0 of 87				0.0416 - 5.52	3 of 292	2.5	Res. SCO
		Chromium	mg/kg		0 of 87				1.48 - 83.6	17 of 292	36	Res. SCO
		Lead	mg/kg		0 of 87				2.15 - 3290	2 of 292	400	Res. SCO
		Manganese	mg/kg		0 of 87				124 - 7770	4 of 292	2000	Res. SCO
Ground water	VOCs	1,1-Dichloroethane	ug/l	0.3 - 24	4 of 266	5	AWQS			0 of 530		
		1,1-Dichloroethylene	ug/l		0 of 266				33 - 33	1 of 530	5	AWQS
		1,2-Dichloroethylene, cis	ug/l	0.2 - 7	5 of 266	5	AWQS		0.2 - 67	1 of 530	5	AWQS
		1,2-Dichloroethylene, trans	ug/l		0 of 266				12 - 12	1 of 530	5	AWQS
		Chloroform	ug/l	0.2 - 24	1 of 266	7	AWQS			0 of 530		
		Trichloroethylene (TCE)	ug/l	0.2 - 34	23 of 266	5	AWQS		0.3 - 270	19 of 530	5	AWQS
		Toluene	ug/l	0.9 - 22	1 of 266	5	AWQS			0 of 530		
	SVOCs	Benz(a)anthracene	ug/l		0 of 210				0.1 - 0.1	1 of 443	0.002	AWQGV
		Benzo(b)fluoranthene	ug/l	0.2 - 0.2	1 of 210	0.002	AWQGV		0.3 - 0.3	1 of 443	0.002	AWQGV
		Benzo(k)fluoranthene	ug/l		0 of 210				0.1 - 0.1	1 of 443	0.002	AWQGV
		Bis(2-ethylhexyl)phthalate	ug/l		0 of 210				6 - 10	2 of 443	5	AWQS
		Chrysene	ug/l	0.1 - 0.1	1 of 210	0.002	AWQGV		0.3 - 0.3	1 of 443	0.002	AWQGV
		Indeno(1,2,3-cd)pyrene	ug/l		0 of 210				0.2 - 0.2	1 of 443	0.002	AWQGV
	Pesticides	Chlordane, trans (gamma)	ug/l		0 of 209				0.0059 - 0.057	1 of 443	0.05	AWQS
		Dieldrin	ug/l	0.0061 - 0.011	2 of 209	0.004	AWQS		0.0046 - 0.011	5 of 443	0.004	AWQS
	PCBs	Aroclor 1260	ug/l		0 of 211				170 - 170	1 of 447	0.09	AWQS
		Polychlorinated Biphenyls	ug/l		0 of 211				170 - 170	1 of 447	0.09	AWQS
	Metals	Antimony	mg/l	0.00046 - 0.0033	2 of 249	0.003	AWQS		0.00041 - 0.0038	1 of 517	0.003	AWQS
		Arsenic	mg/l		0 of 249				0.00069 - 0.116	9 of 517	0.025	AWQS
		Barium	mg/l		0 of 249				0.0041 - 3.37	5 of 517	1	AWQS
		Beryllium	mg/l		0 of 249				0.000081 - 0.0111	6 of 517	0.003	AWQGV
		Cadmium	mg/l		0 of 249				0.00015 - 0.0074	1 of 517	0.005	AWQS
		Chromium	mg/l	0.00068 - 0.0748	2 of 249	0.05	AWQS		0.00061 - 0.31	8 of 517	0.05	AWQS
		Copper	mg/l		0 of 249				0.00038 - 0.597	5 of 517	0.2	AWQS
		Iron	mg/l	0.0407 - 81.8	115 of 249	0.3	AWQS		0.0407 - 651	202 of 517	0.3	AWQS
		Lead	mg/l		0 of 249				0.000079 - 0.335	2 of 517	0.25	AWQS
		Magnesium	mg/l	1.46 - 75.4	38 of 249	35	AWQGV		0.0686 - 222	27 of 517	35	AWQGV
		Manganese	mg/l	0.00097 - 3.14	92 of 249	0.3	AWQS		0.0011 - 45.3	213 of 517	0.3	AWQS
		Nickel	mg/l		0 of 249				0.00061 - 0.505	7 of 517	0.1	AWQS
		Sodium	mg/l	1.29 - 631	203 of 249	20	AWQS		2.89 - 2560	443 of 517	20	AWQS
		Thallium	mg/l		0 of 249				0.00014 - 0.0019	6 of 517	0.0005	AWQGV
		Zinc	mg/l	0.0031 - 9.66	13 of 249	2	AWQGV		0.003 - 2.97	2 of 517	2	AWQGV
	General Parameters	Chloride	mg/l	1.1 - 1330	42 of 217	250	AWQS		2 - 4360	59 of 445	250	AWQS
		Sulfate, as SO4	mg/l	2.3 - 348	5 of 217	250	AWQS		2.8 - 254	1 of 445	250	AWQS
Surface Water	VOCs			Media Not Present					Not Detected Above Applicable SCOs			
	SVOCs								Not Detected Above Applicable SCOs			
	Pesticides	4,4'-DDD	ug/l						0.0052 - 0.0057	1 of 34	0.00008	Class C Type H(FC)
		Heptachlor	ug/l						0.0023 - 0.0033	2 of 34	0.002	Class C Type H(FC)
	PCBs								Not Detected Above Applicable SCOs			
	Metals	Aluminum	mg/l						0.118 - 2.66	23 of 38	0.1	Class C Type A(C)
		Iron	mg/l						0.0919 - 3.04	15 of 38	0.3	Class C Type A(C)
		Silver	mg/l						0.0011 - 0.005	1 of 38	0.0001	Class C Type A(C)

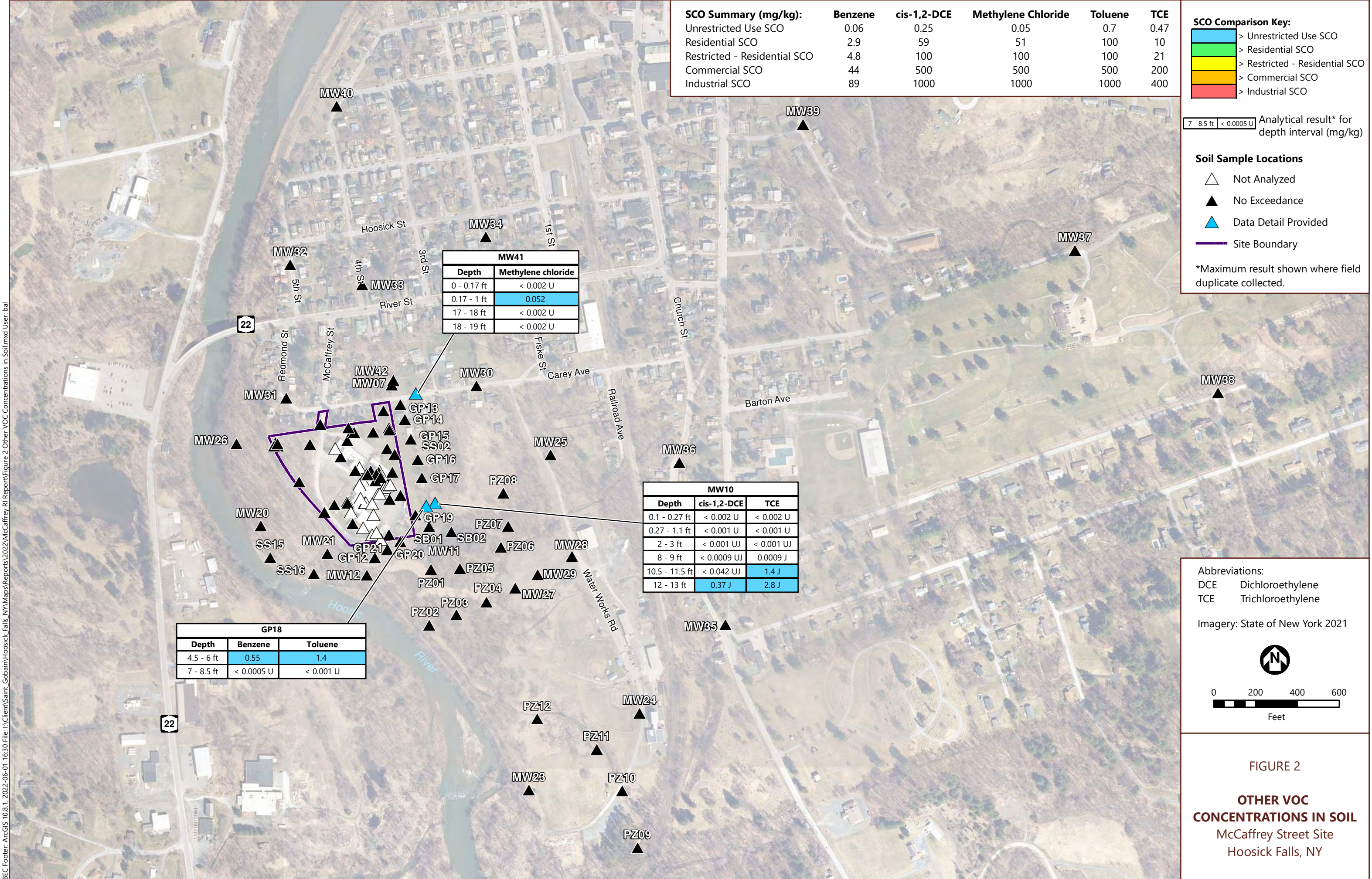
Notes:
SCO - Soil Cleanup Objectives
Ind. - Industrial
Res. - Residential
AWQS - New York State Ambient Water Quality Standards
AWQGV - New York State Ambient Water Quality Guidance Values
Class C Type A(C) - New York DEC Surface Water Class C Type A(C) Fish Propagation
Class C Type H(FC) - New York DEC Surface Water Class C Type H(FC) Human Consumption of Fish
PCBs - Polychlorinated Biphenyls
VOCs - Volatile Organic Compounds
SVOCs - Semivolatile Organic Compounds
ug/l - micrograms per liter
mg/l - miligrams per liter
ug/kg - micrograms per kilogram
mg/kg - miligrams per kilogram

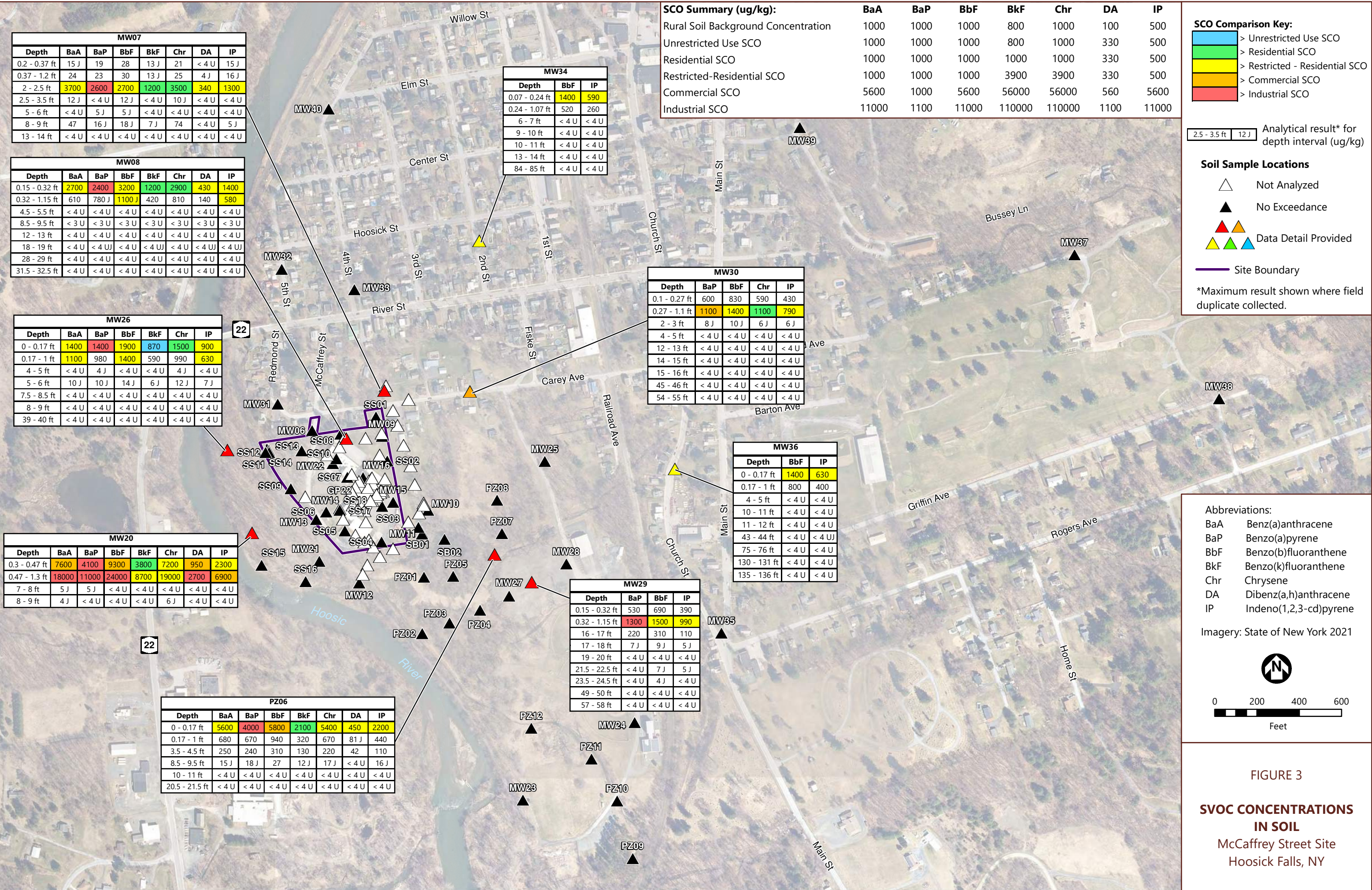
Figures

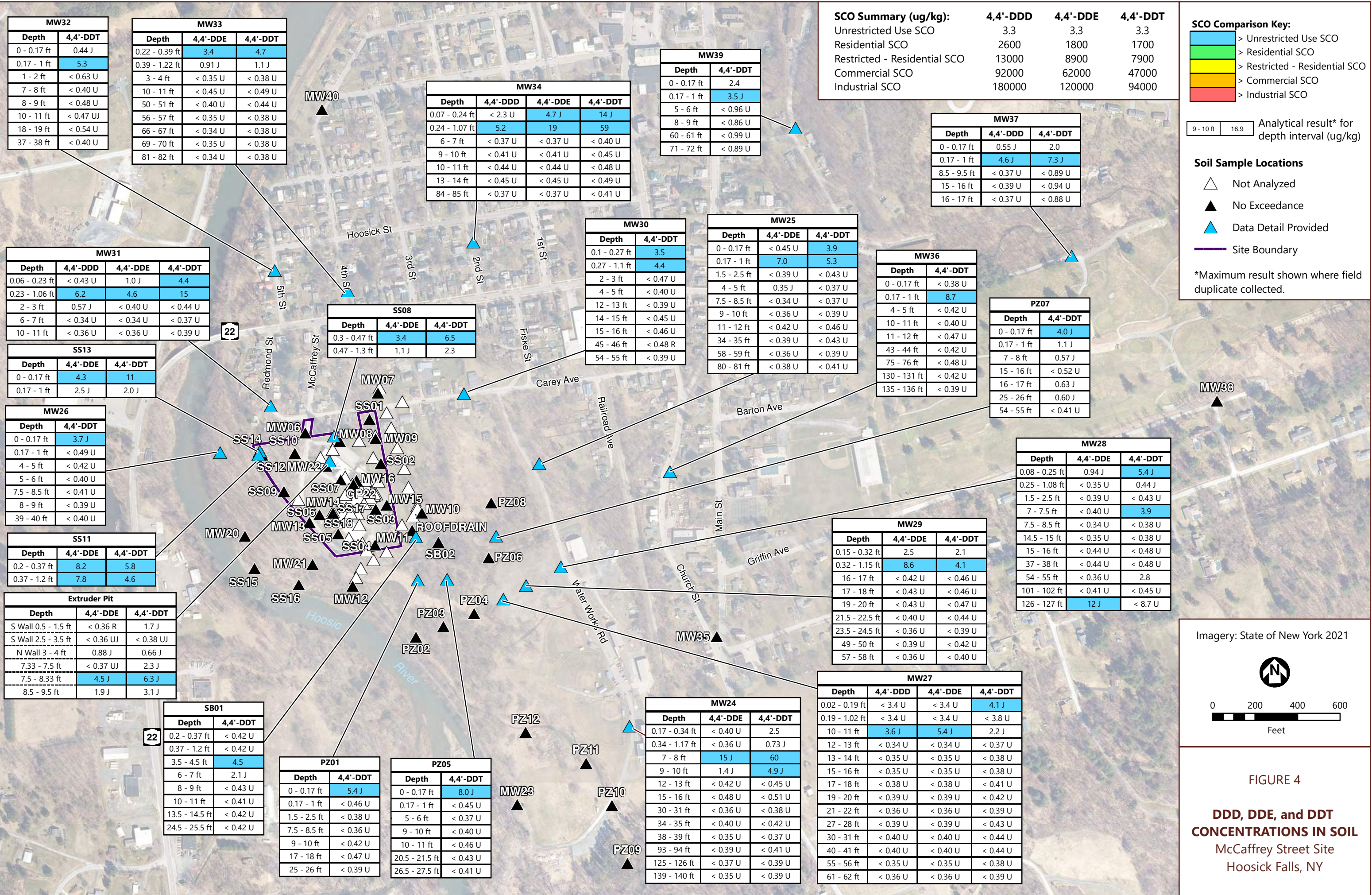
BEC Footer: ArcGIS 10.8.1, 2022-06-01 16:29 File: I:\Client\Saint_Gobain\Hoosick Falls NY\Maps\Reports\2022\McCaffrey RI Report\Figure 1 Acetone Concentrations in Soil.mxd User: bal

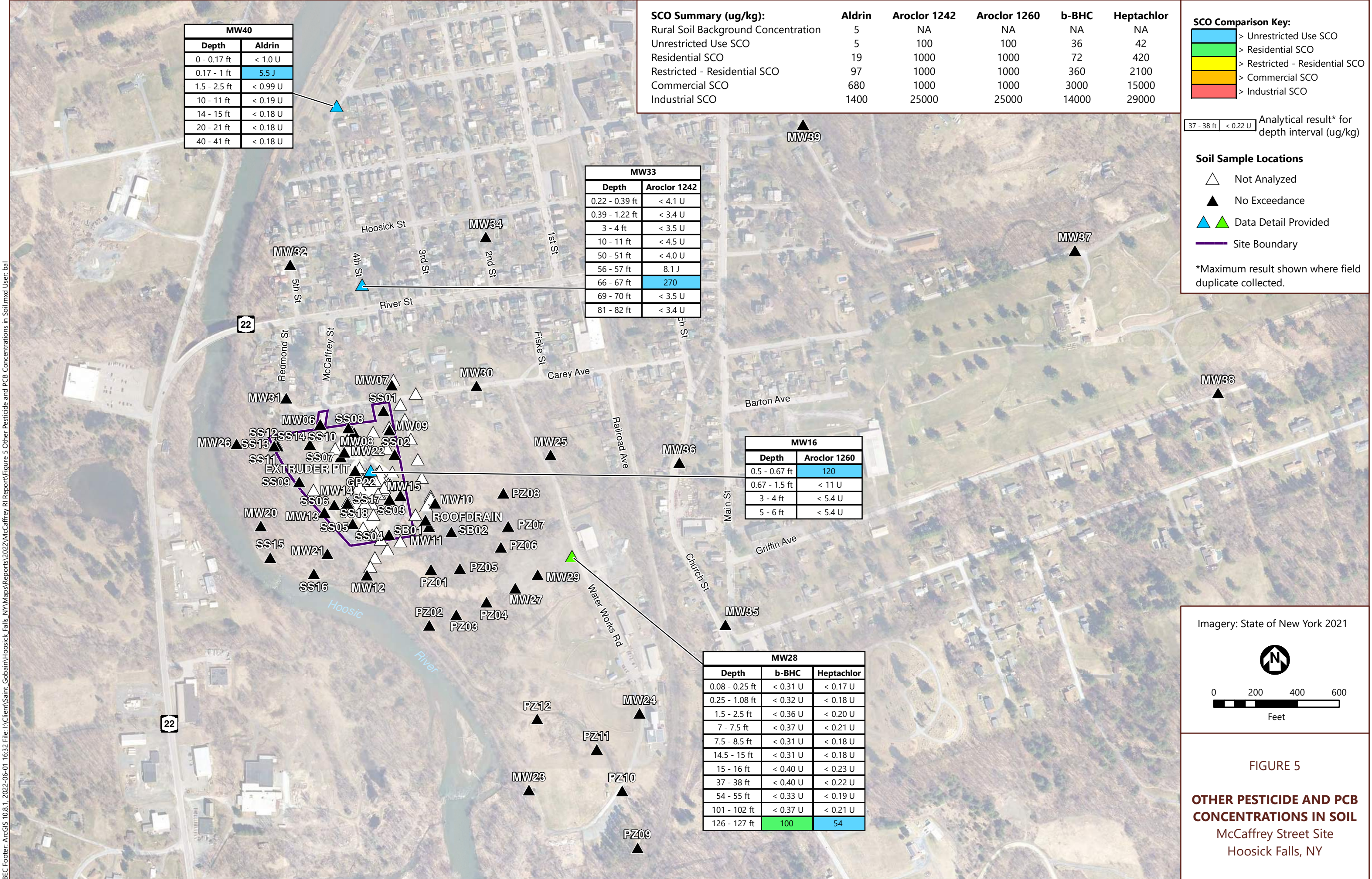


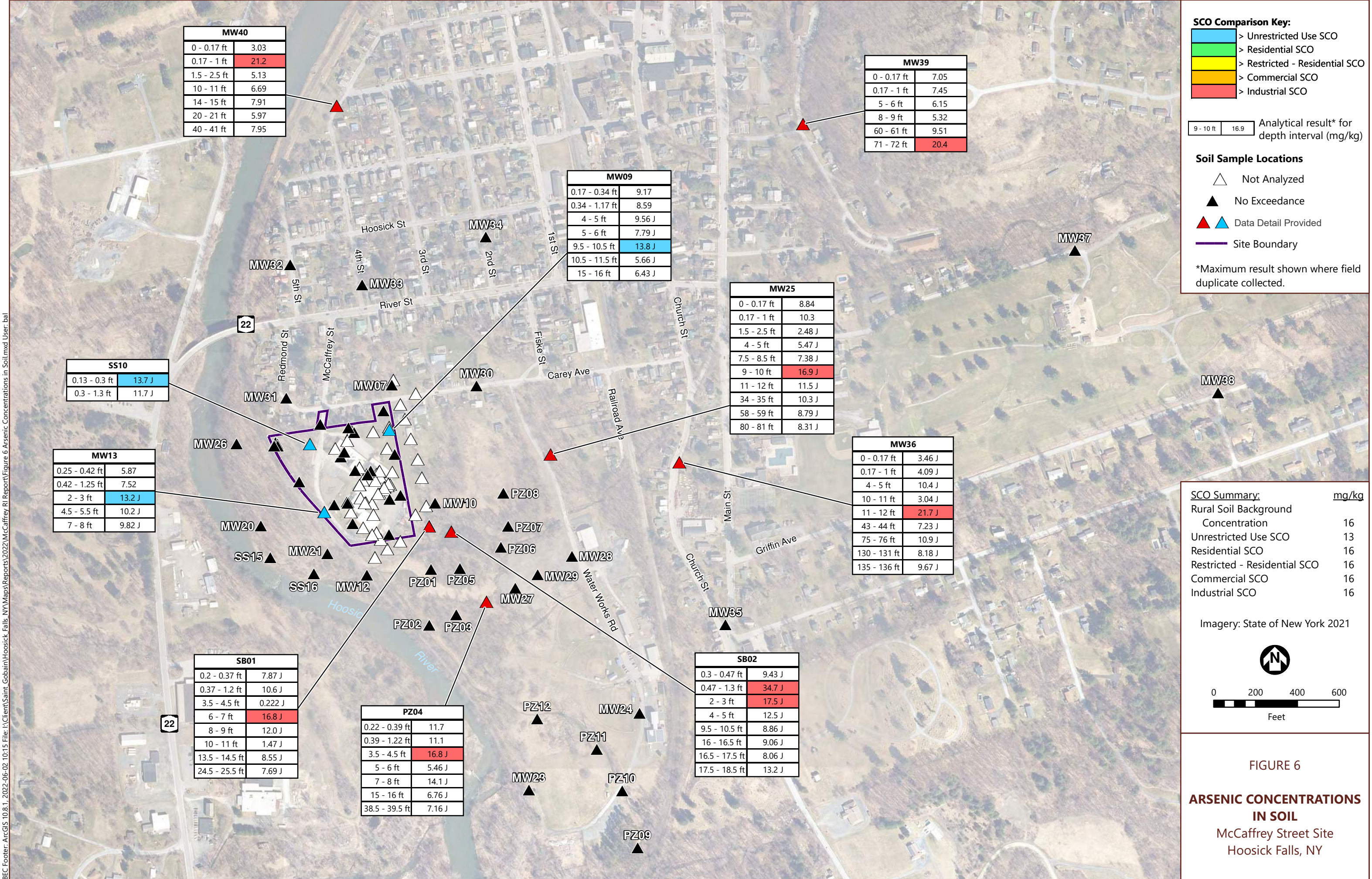
BEC Footer: ArcGIS 10.8.1, 2022-06-01 16:30 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\McCaffrey_RI_Report\Figure 2 Other VOC Concentrations in Soil.mxd User: bal

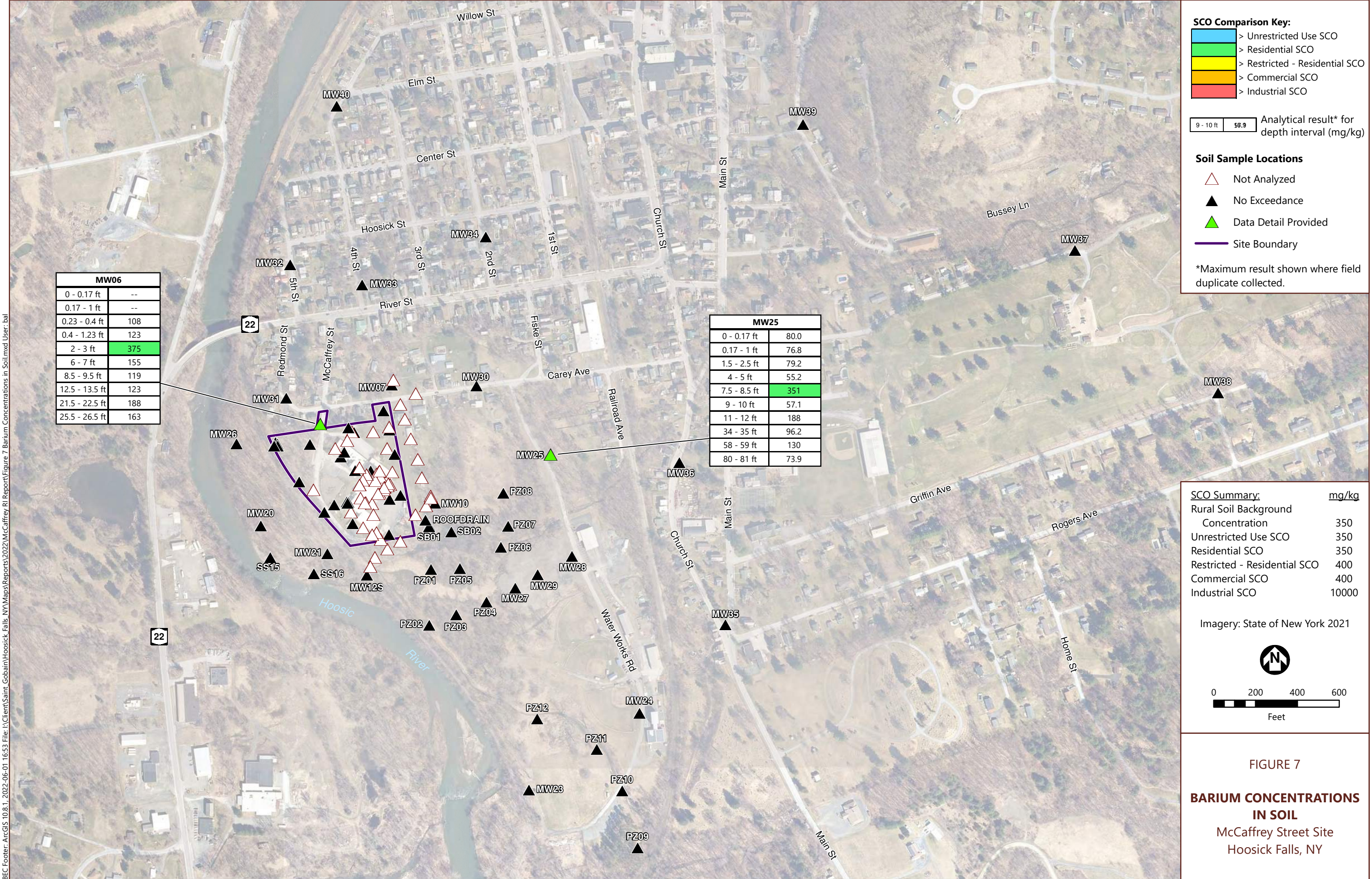




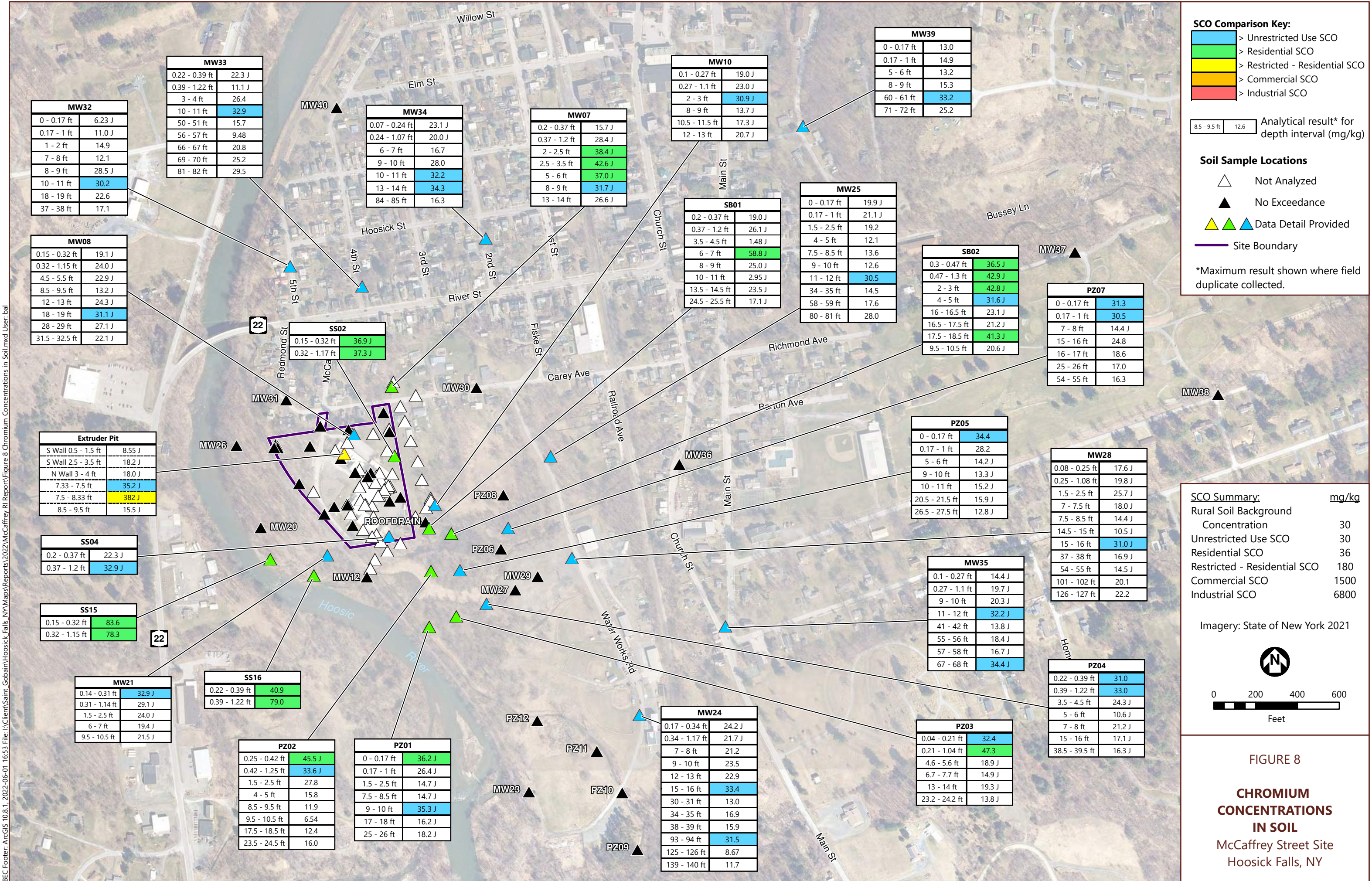




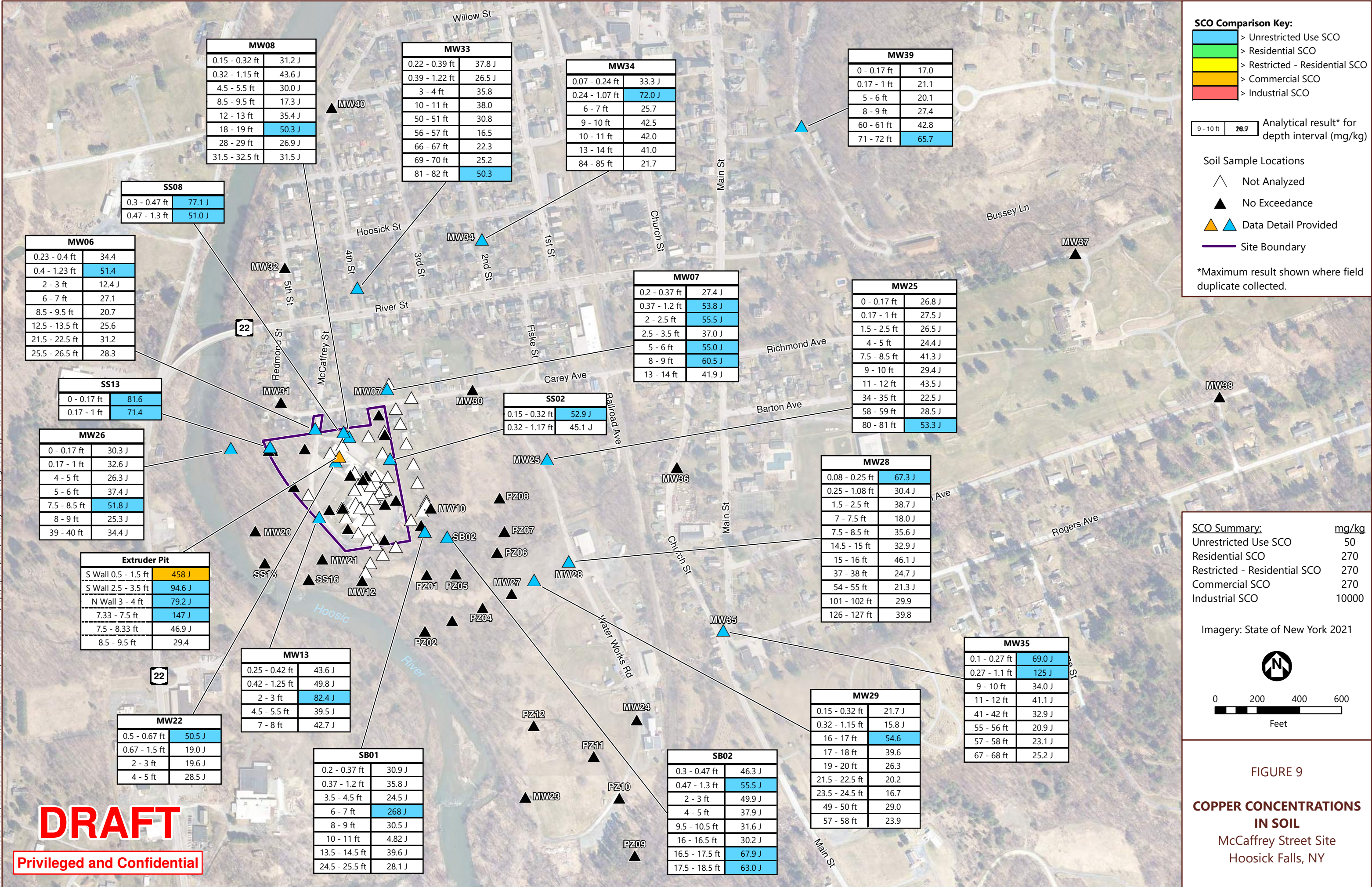


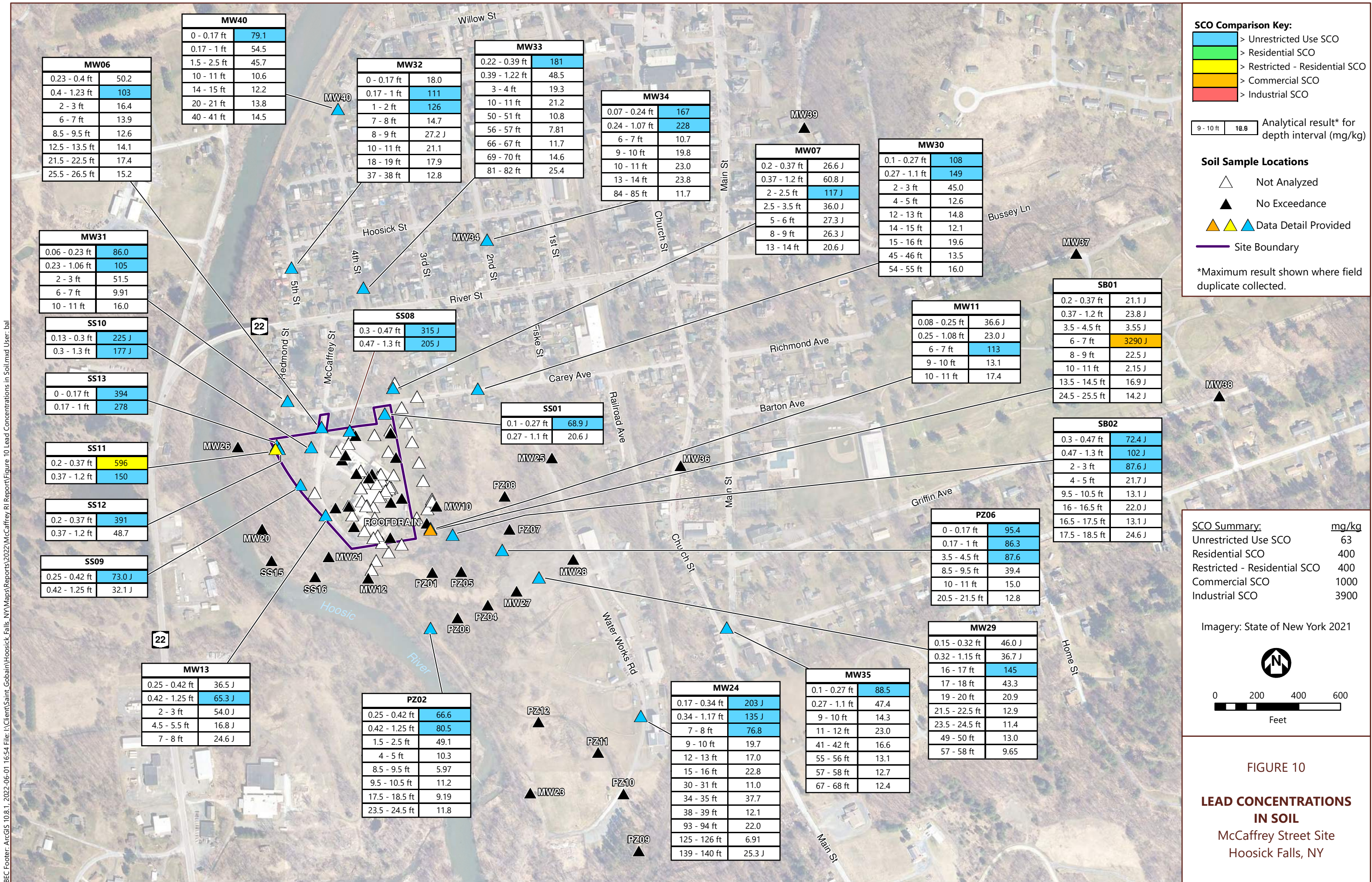


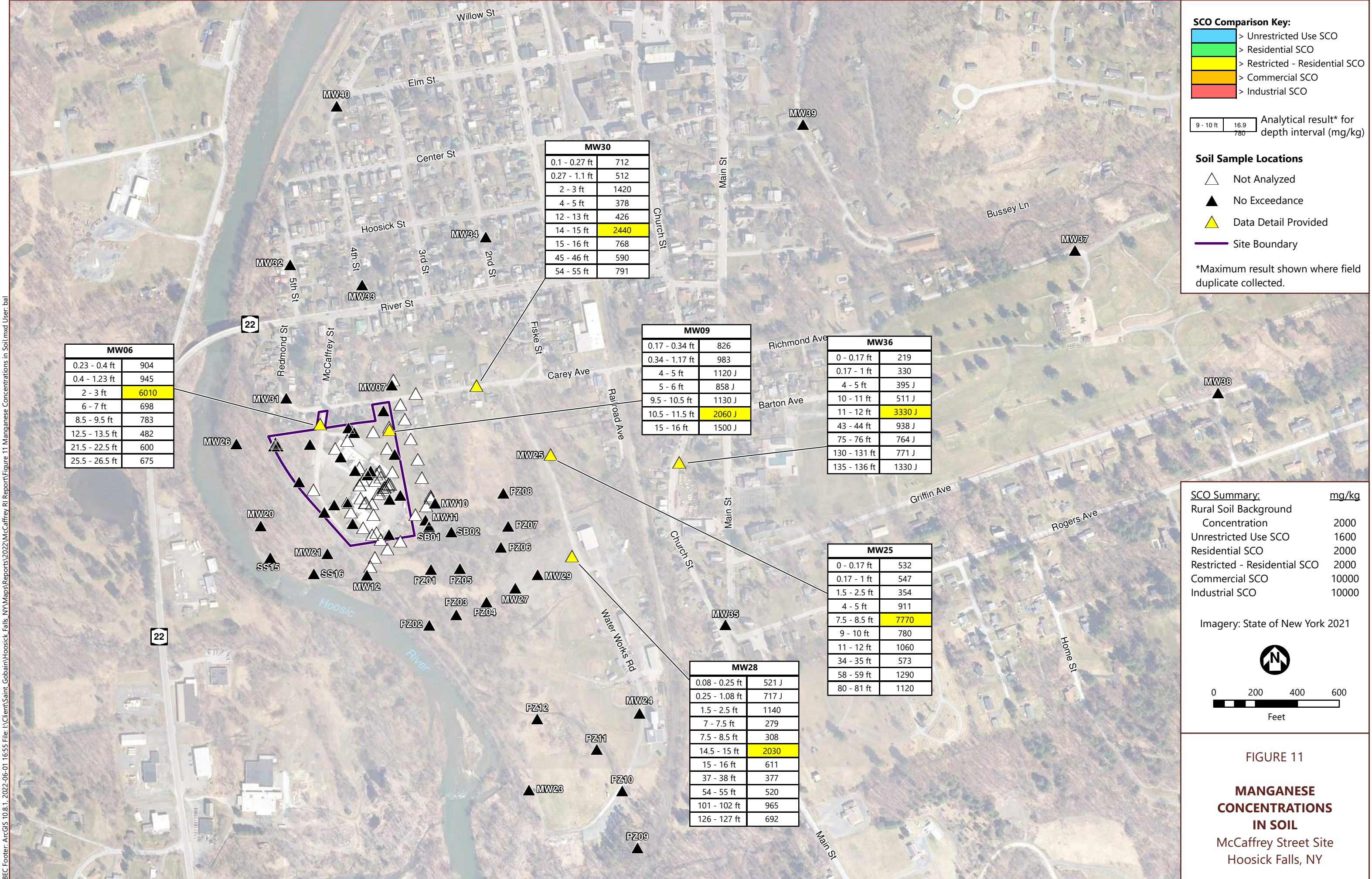
BEC Footer: ArcGIS 10.8.1, 2022-06-01 16:53 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Map\Reports\2022\McCaffrey_RI_Report\Figure 8 Chromium Concentrations in Soil.mxd User: bal



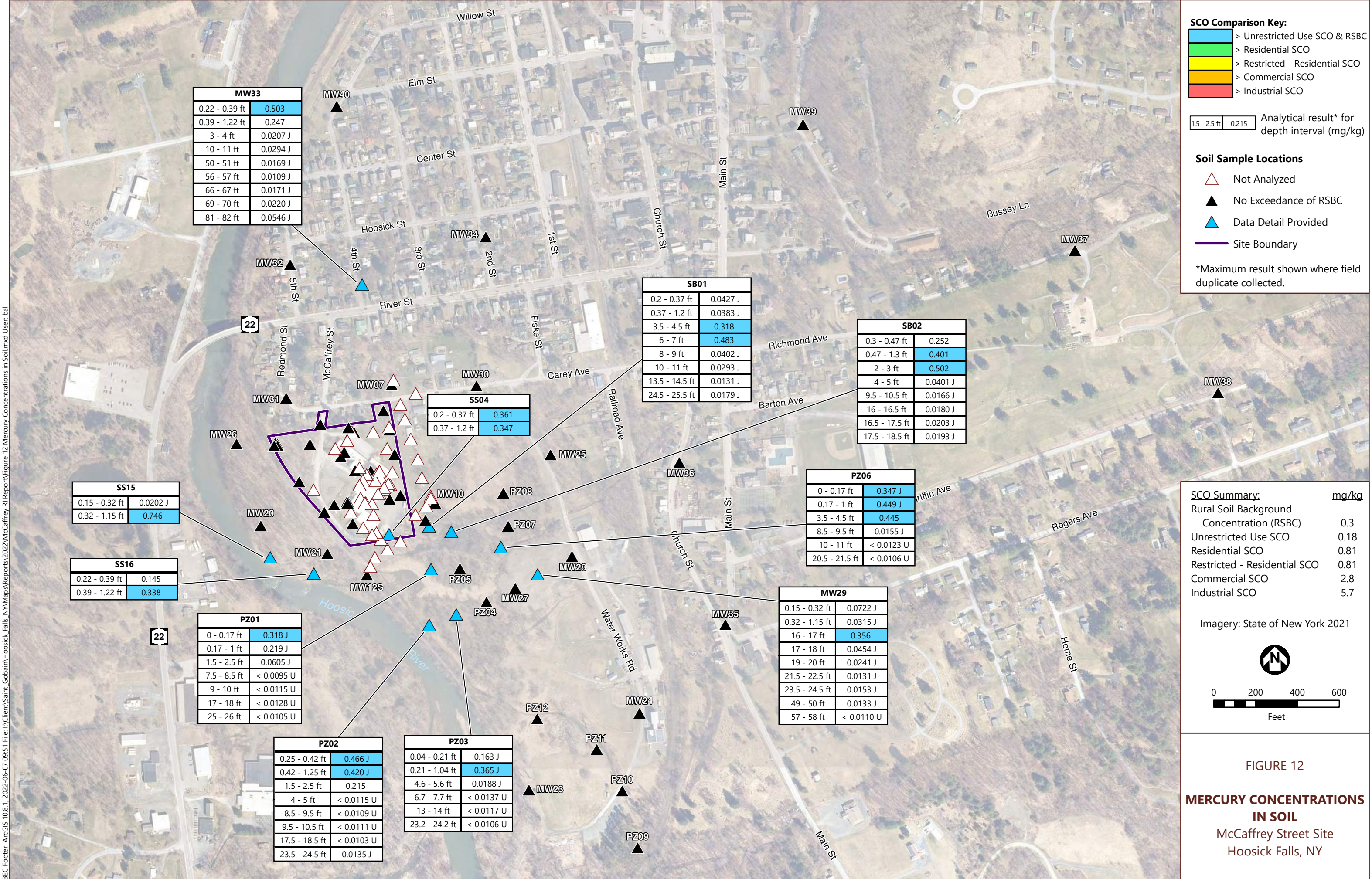
BEC Footer: ArcGIS 10.8.1, 2022-06-01 16:54 File: I:\Client\Saint_Gobain\Hoosick Falls NY\Map\Reports\2022\McCaffrey RI Report\Figure 9 Copper Concentrations in Soil.mxd User: bal

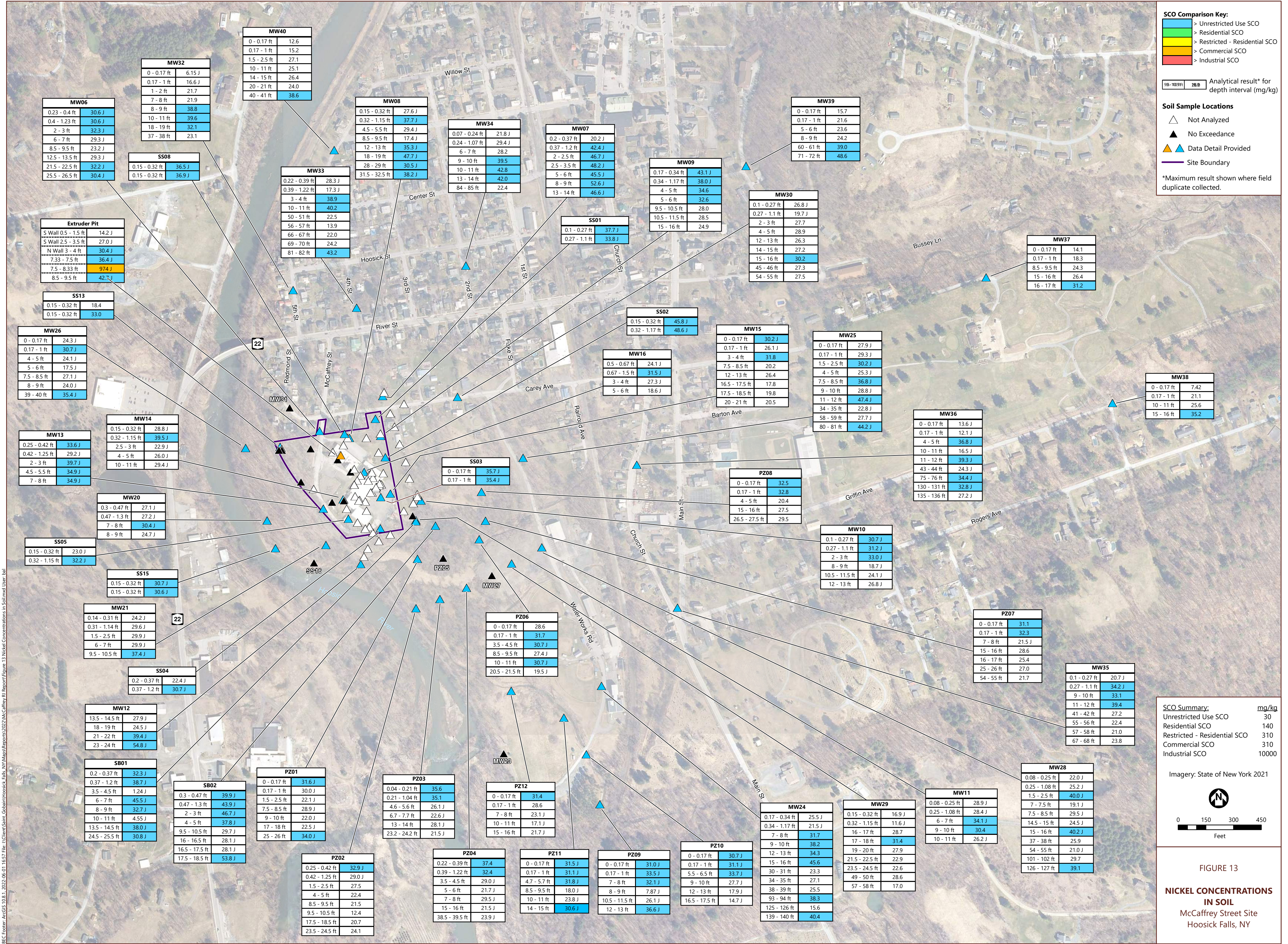


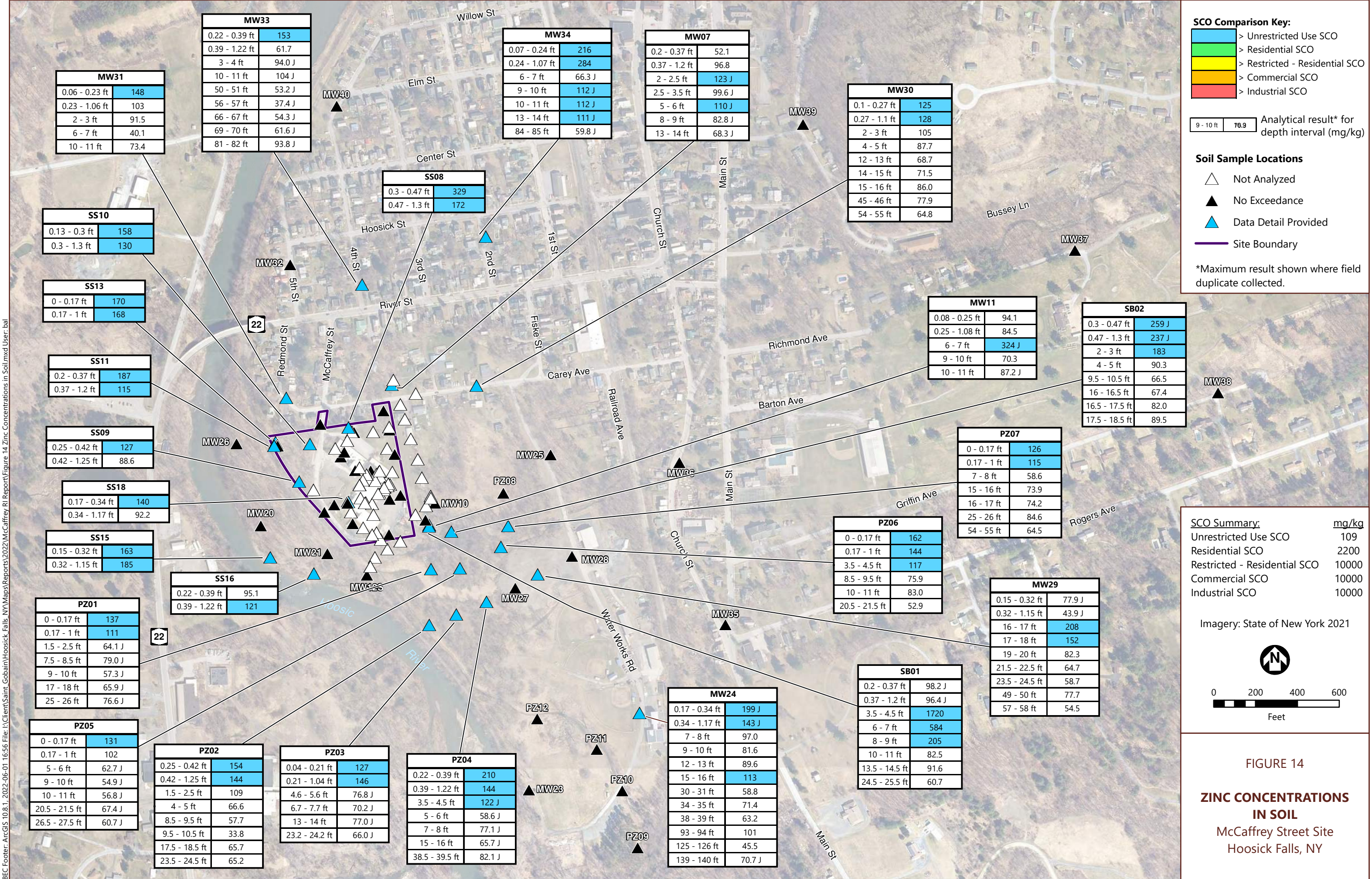


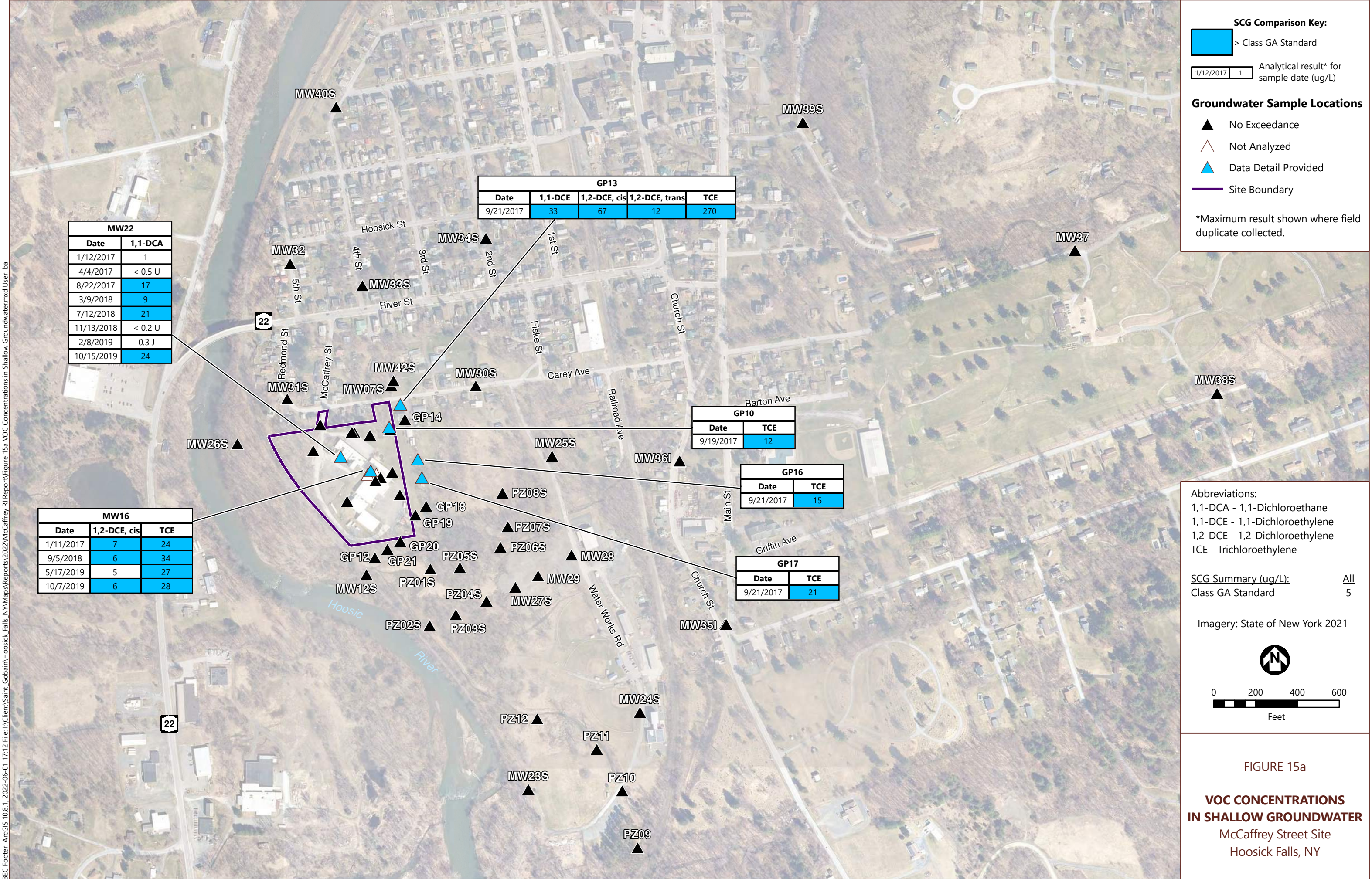


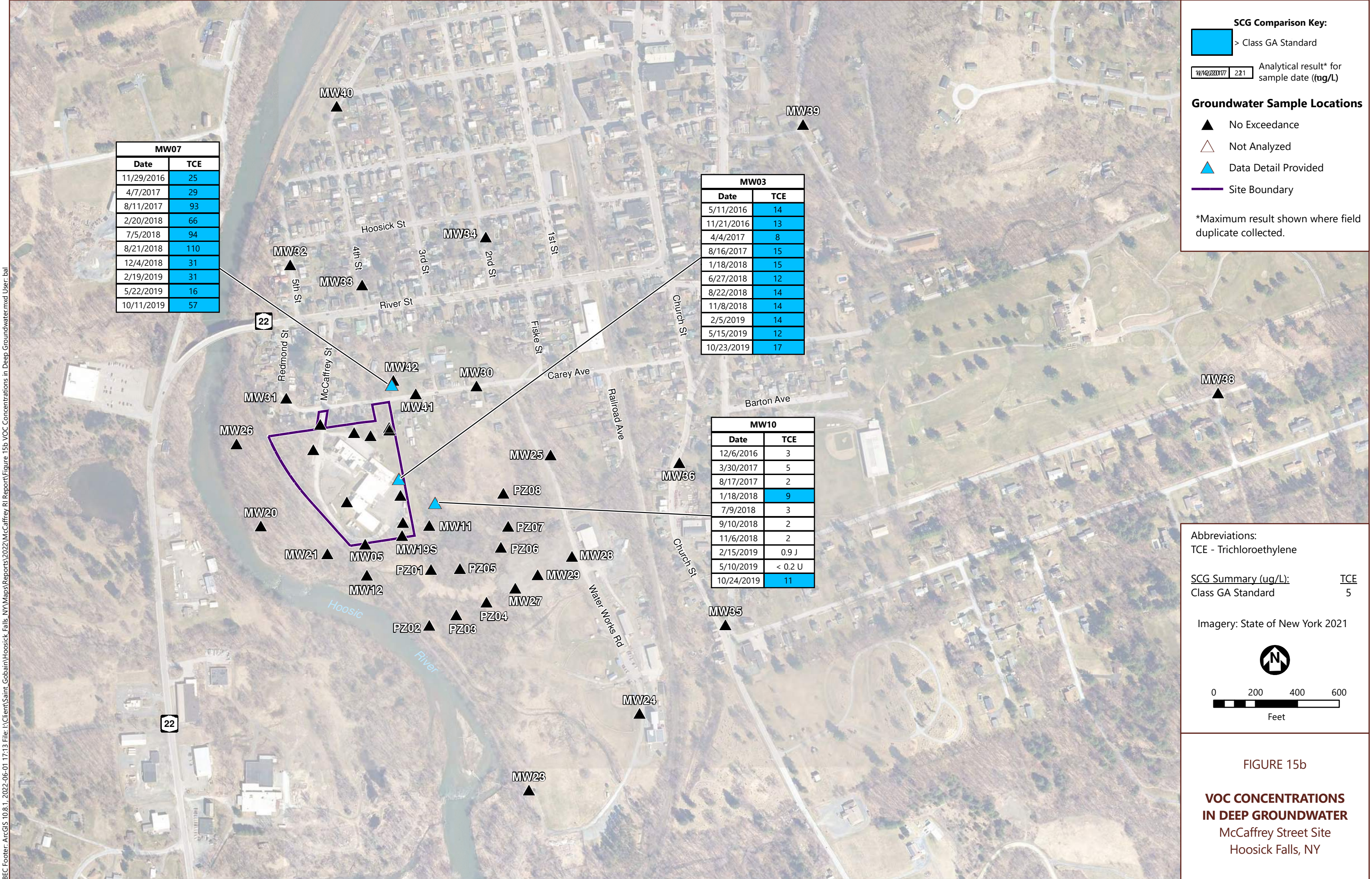
BEC Footer: ArcGIS 10.8.1, 2022-06-07 09:51 File: I:\Client\Saint-Gobain\Hoosick Falls NV\Maps\Reports\2022\McCaffrey RI Report\Figure 12 Mercury Concentrations in Soil.mxd User: bal

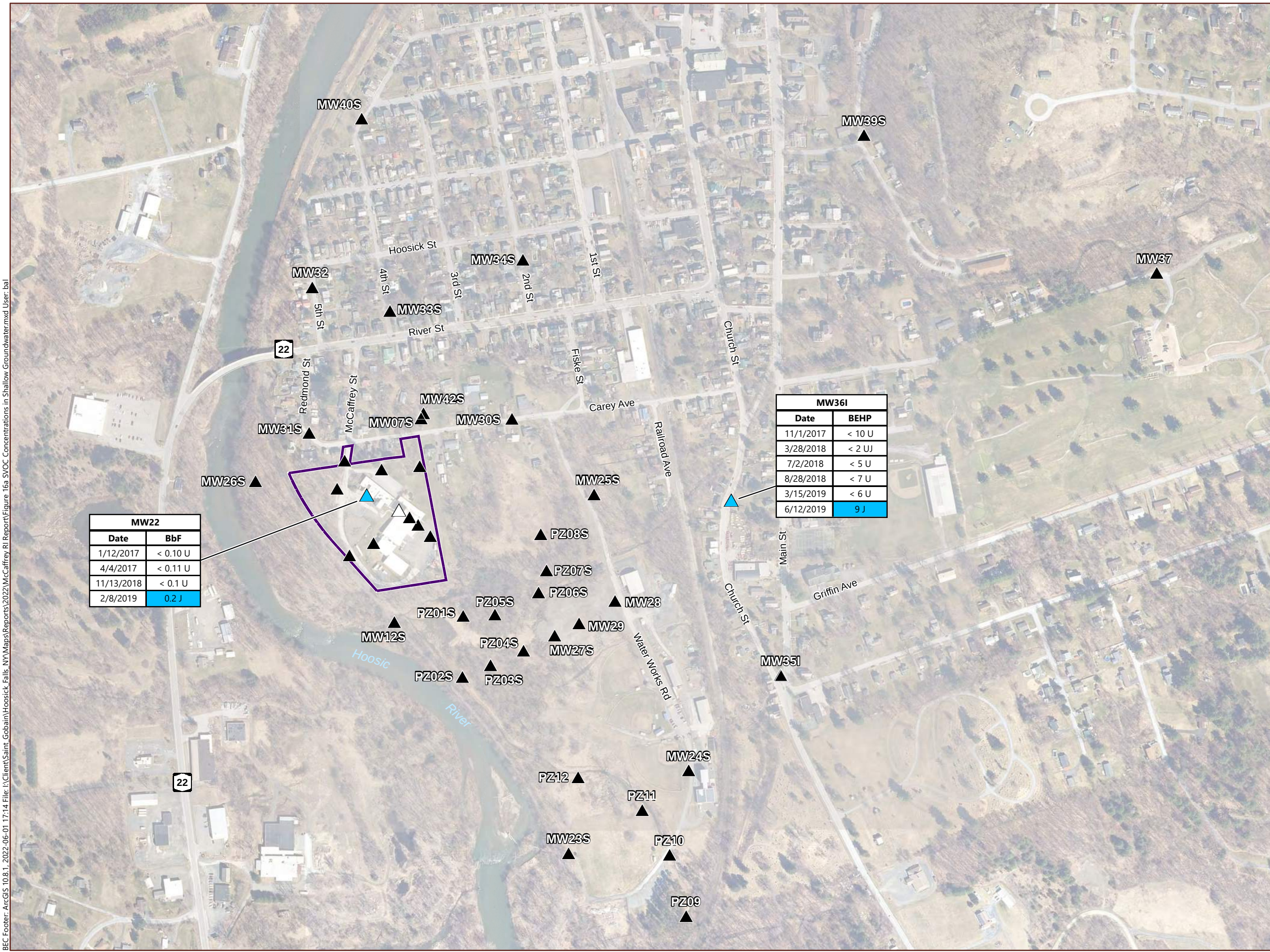












SCG Comparison Key:

> Class GA Standard/Guidance

2/8/20190.2JAnalytical result* for sample date (ug/L)

Groundwater Sample Locations

▲ No Exceedance

△ Not Analyzed

▲ Data Detail Provided

— Site Boundary

*Maximum result shown where field duplicate collected.

Abbreviations:
BbF - Benzo(b)fluoranthene
BEHP - Bis(2-ethylhexyl)phthalate

SCG Summary (ug/L):
Class GA Standard - 5
Class GA Guidance 0.002 -

Imagery: State of New York 2021

0200400600

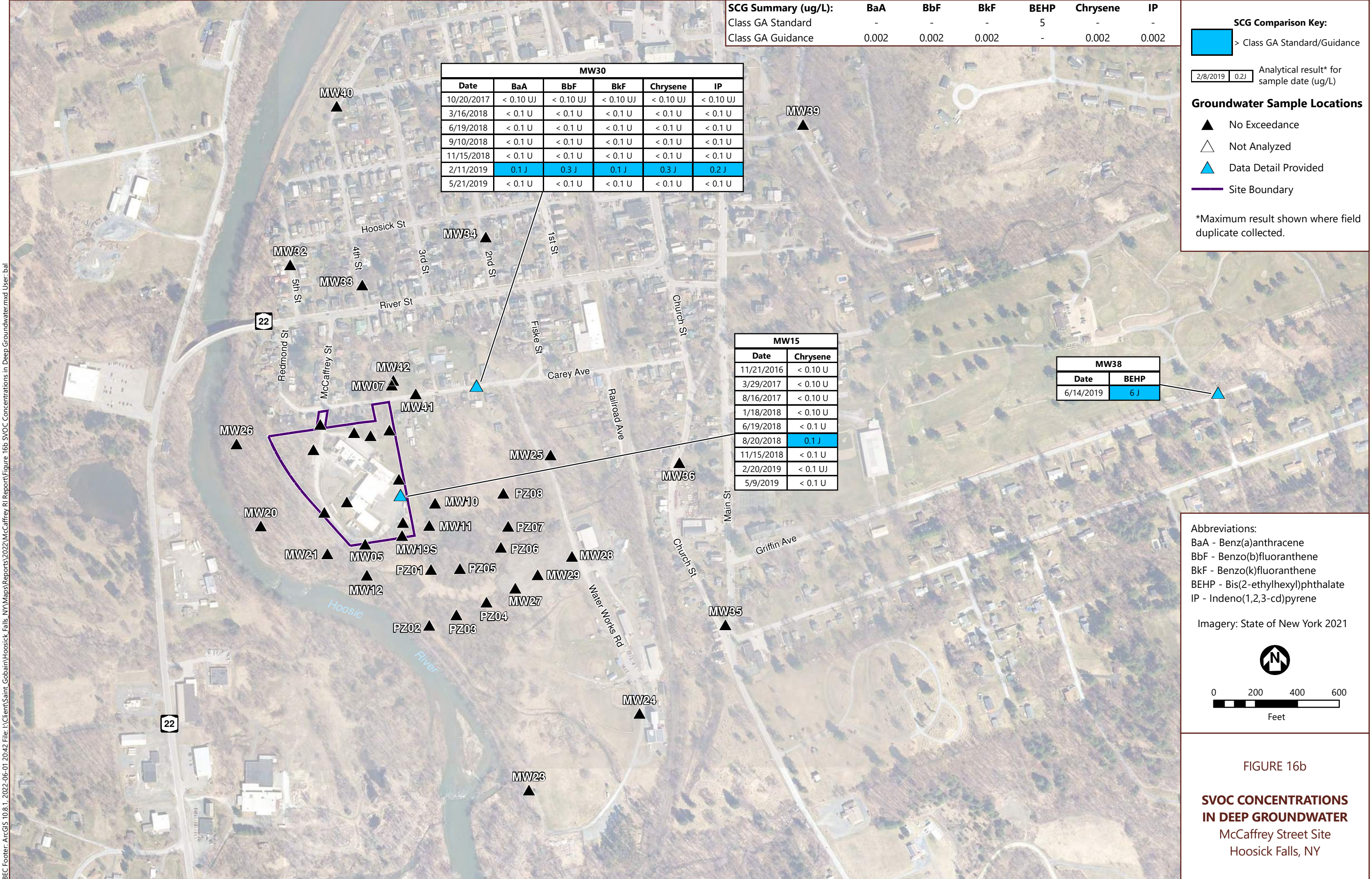
Feet

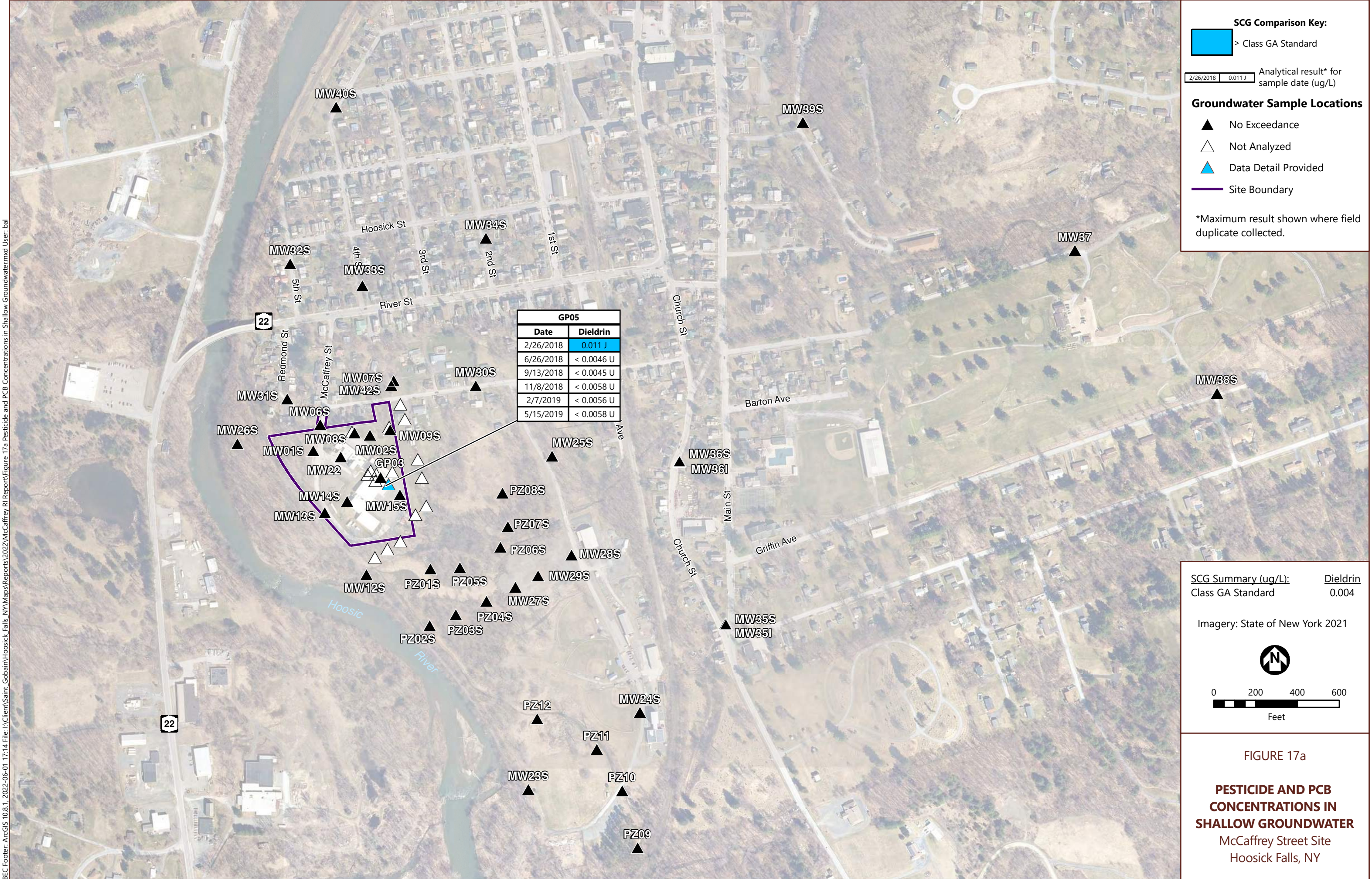
FIGURE 16a

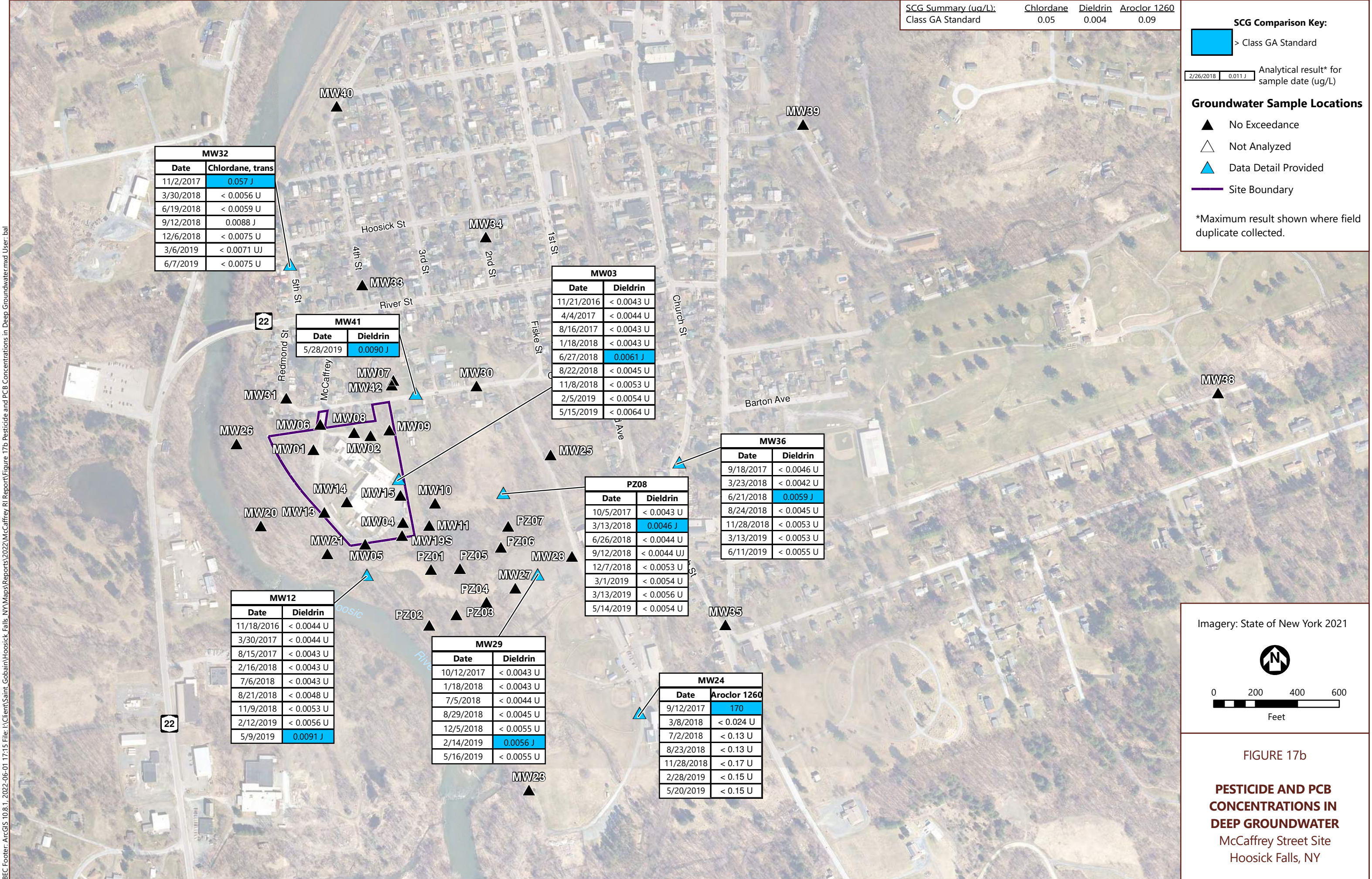
**SVOC CONCENTRATIONS
IN SHALLOW GROUNDWATER**

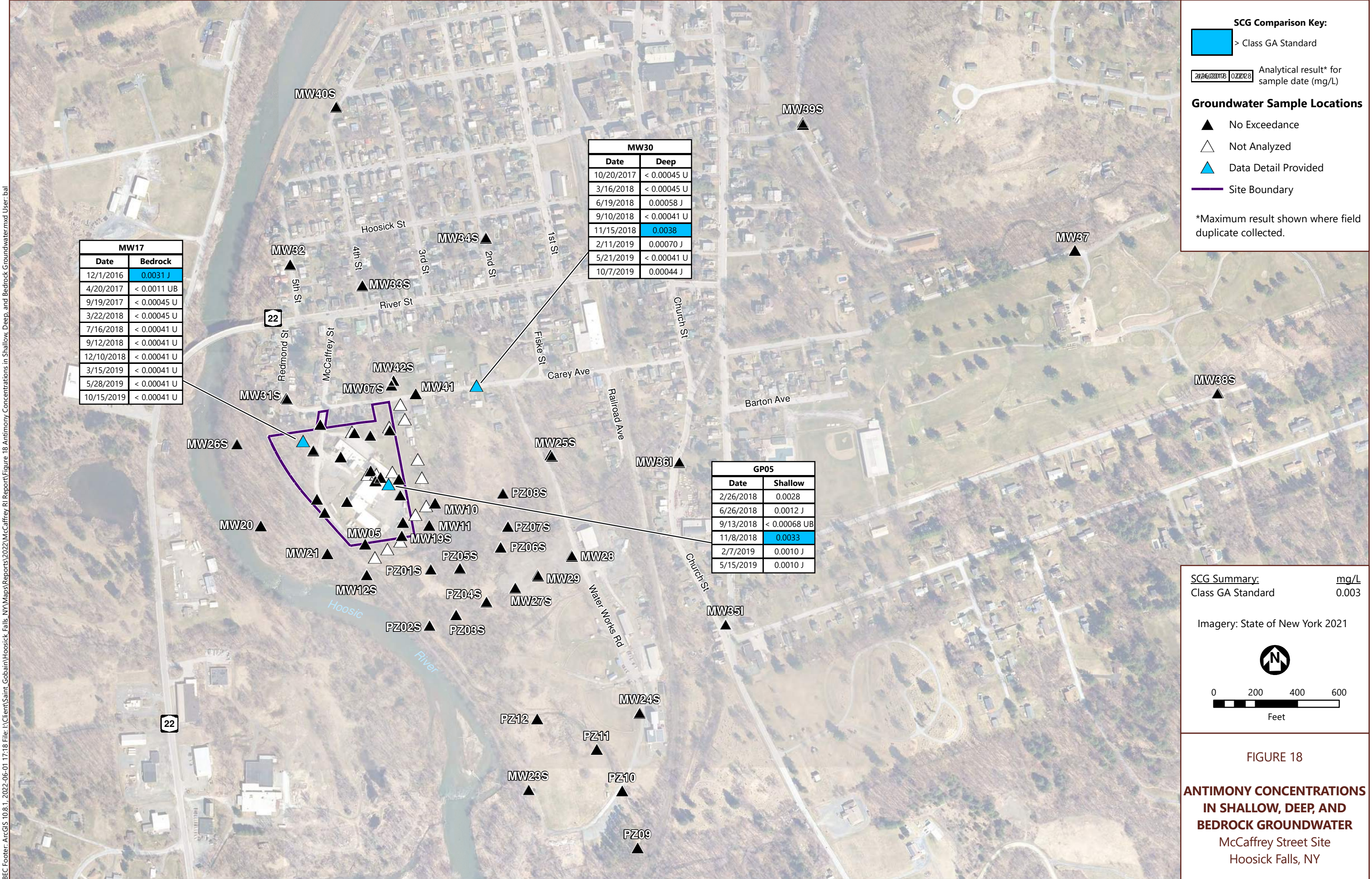
McCaffrey Street Site
Hoosick Falls, NY

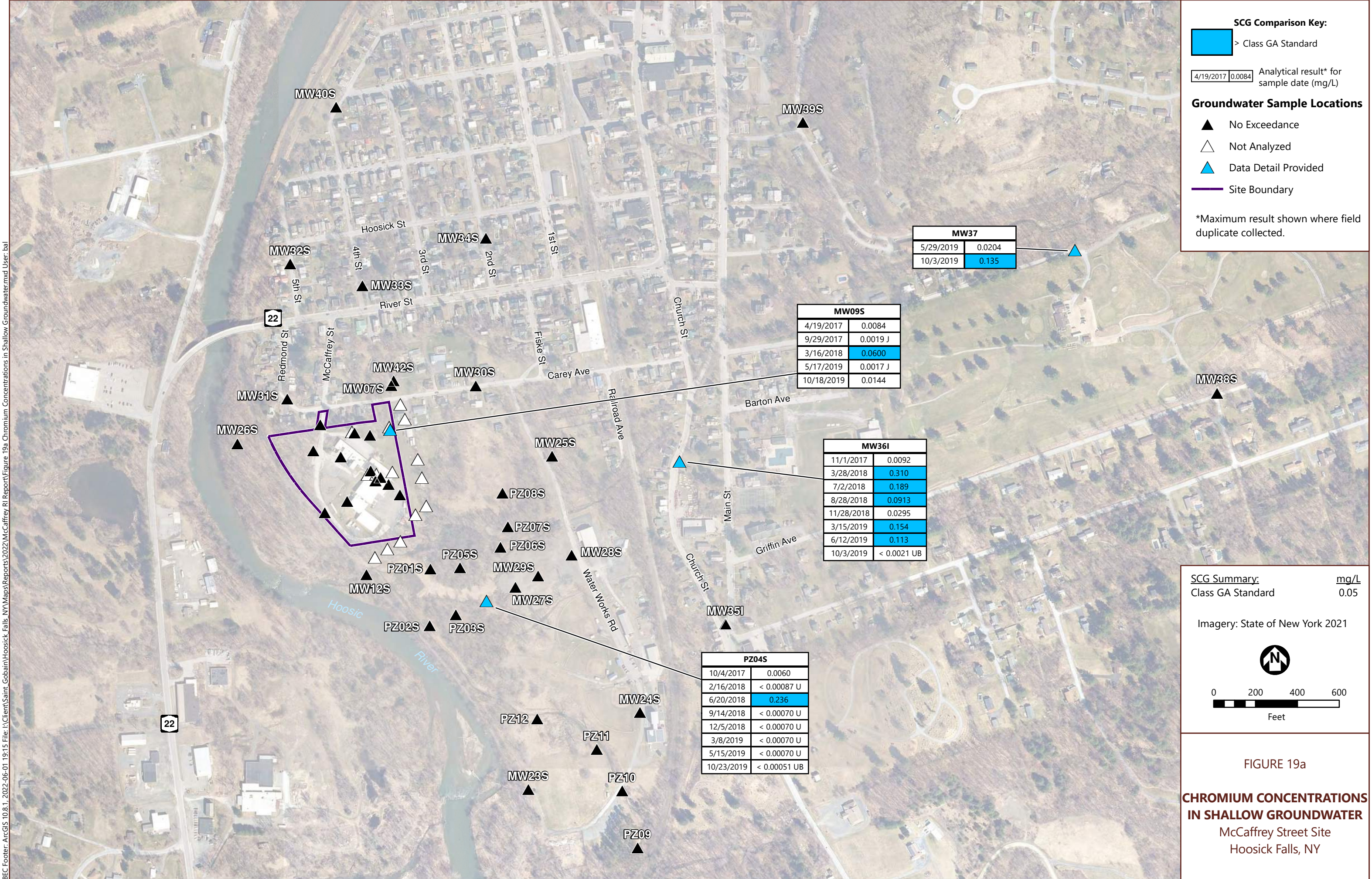
BEC Footer: ArcGIS 10.8.1, 2022-06-01 20:42 File: I:\Client\Saint_Gobain\Hoosick Falls NV\Maps\Reports\2022\McCaffrey RI Report\Figure 16b SVOC Concentrations in Deep Groundwater.mxd User: bal

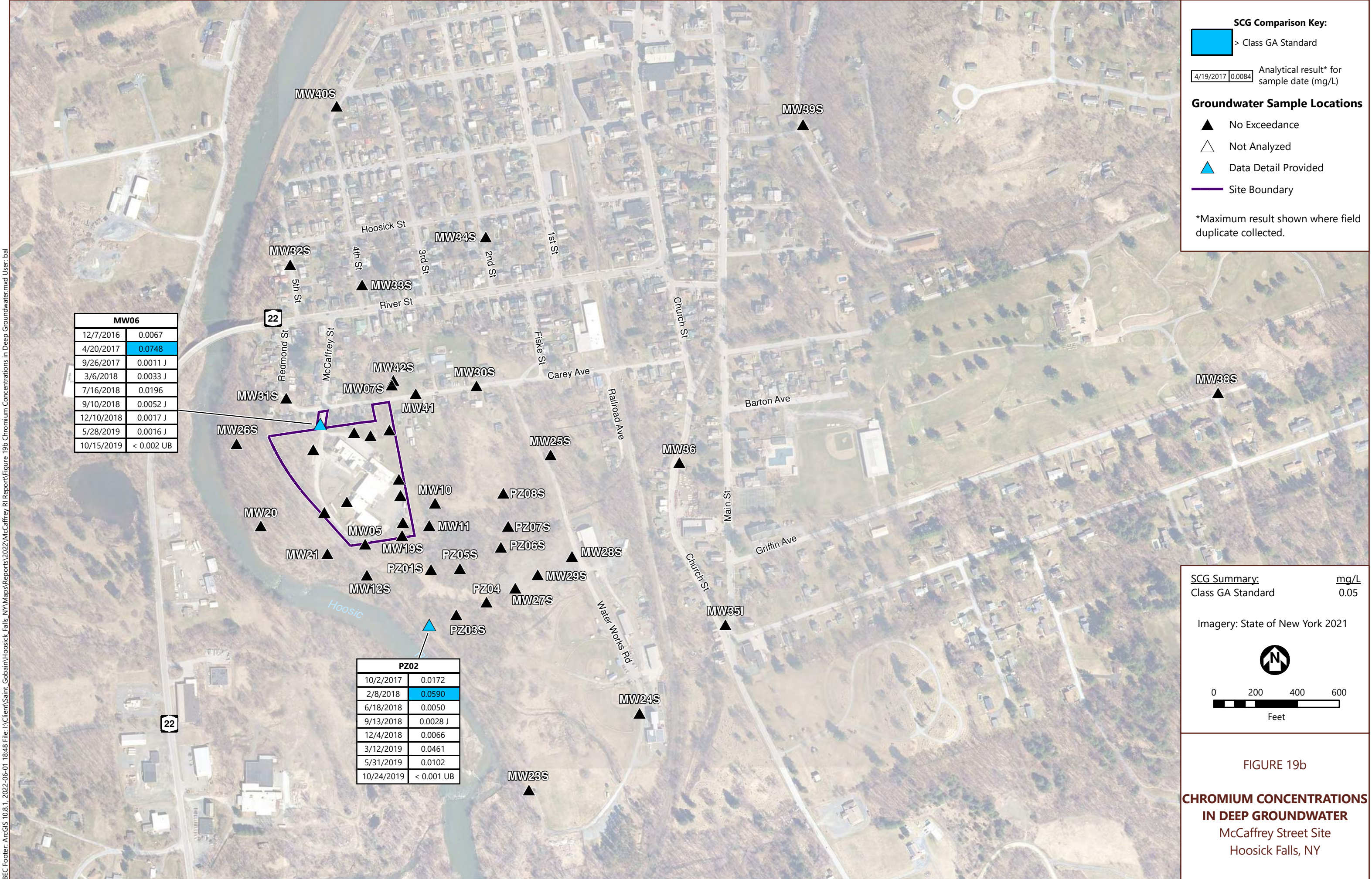


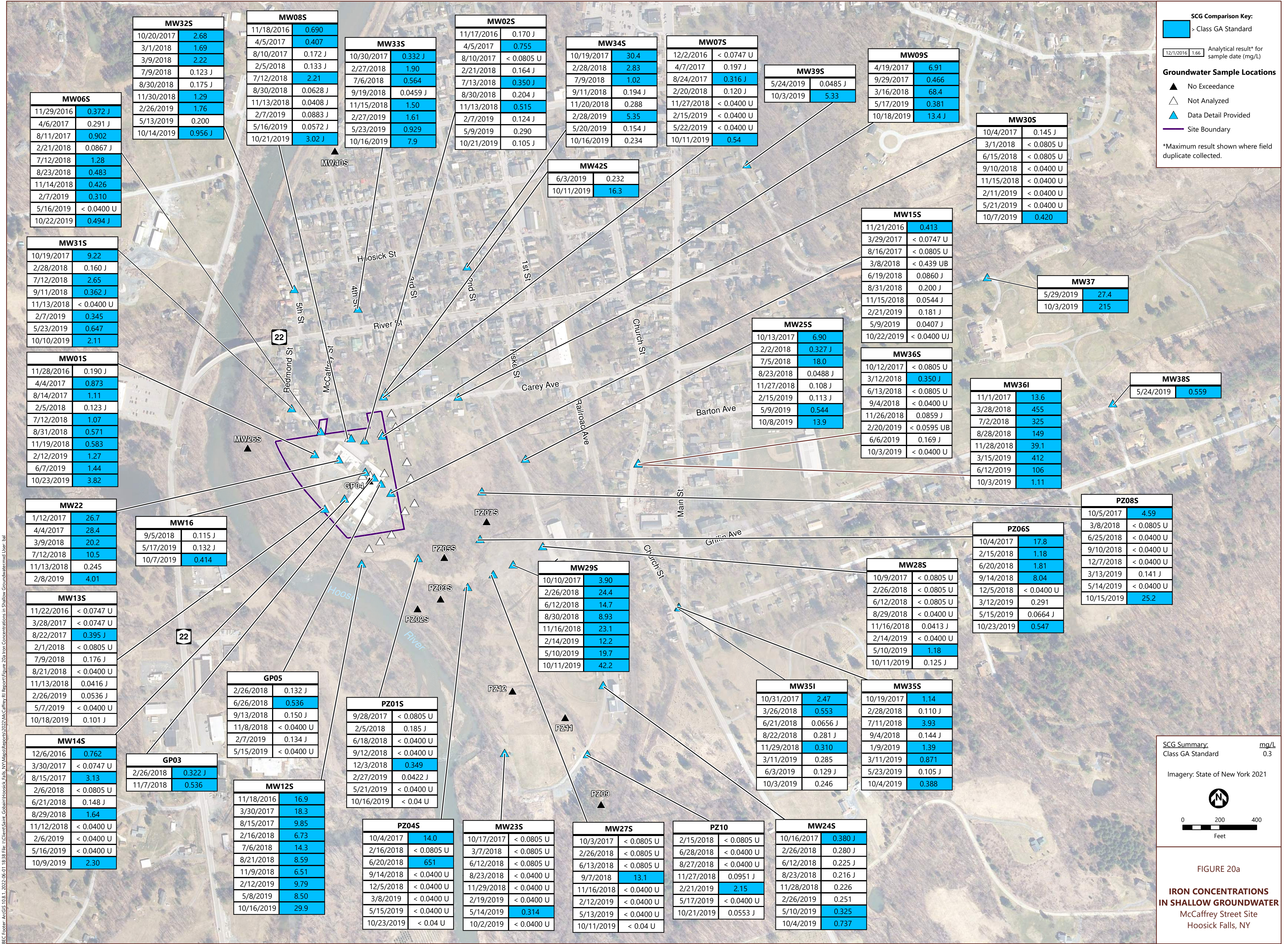












BEC Footer ArcGIS 10.6.1, 2022-06-01 18:39 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Map\Reports\2021\McCaffrey\Report\Figure 20b Iron Concentrations in Deep Groundwater.mxd User: bal

MW06	
12/7/2016	7.49
4/20/2017	81.8
9/26/2017	0.925
3/6/2018	1.87
7/16/2018	18.9
9/10/2018	5.22
12/10/2018	0.602
5/28/2019	0.271
10/15/2019	0.813

MW31	
10/31/2017	40.6
3/14/2018	4.16
7/5/2018	3.42
9/12/2018	1.16
3/7/2019	0.164 J
6/3/2019	1.01
10/10/2019	2.47

MW01	
11/28/2016	0.728
4/4/2017	1.16
8/17/2017	0.910
2/20/2018	0.176 J
9/11/2018	1.67
11/19/2018	0.161 J
5/23/2019	7.64
10/10/2019	4.62

MW26	
10/23/2017	4.63
3/28/2018	1.30
6/15/2018	0.724
8/23/2018	1.12
11/30/2018	2.50
3/8/2019	0.718
6/11/2019	0.370
10/15/2019	0.148 J

MW20	
4/6/2017	< 0.0747 U
2/20/2018	< 0.0805 U
11/12/2018	0.935
2/8/2019	0.318
6/3/2019	0.0876 J

MW14	
12/6/2016	23.2
3/30/2017	4.68
8/15/2017	0.245 J
2/6/2018	1.74
6/21/2018	0.198 J
8/29/2018	0.827
11/12/2018	0.464
2/7/2019	0.208
5/16/2019	0.725
10/8/2019	1.03

MW21	
12/2/2016	< 0.0747 U
4/3/2017	< 0.0747 U
2/16/2018	< 0.0805 U
9/19/2018	0.313 J
11/12/2018	< 0.0400 U
2/21/2019	< 0.0400 U
5/9/2019	0.241
10/18/2019	12.0 J

MW08	
11/29/2016	1.52
4/11/2017	1.02
8/17/2017	2.76
3/1/2018	0.173 J
7/10/2018	0.384 J
8/28/2018	0.334 J
11/29/2018	0.900
2/7/2019	0.0857 J
5/23/2019	0.213
10/15/2019	0.233

MW40	
5/23/2019	1.15 J
10/3/2019	0.375

MW33	
10/30/2017	1.50
3/28/2018	0.318 J
6/12/2018	0.248 J
8/22/2018	0.489
11/30/2018	0.731
2/27/2019	0.298
6/7/2019	0.640
10/4/2019	0.474

MW42	
6/14/2019	1.86
10/11/2019	< 0.04 U

MW07	
11/29/2016	0.256 J
4/7/2017	< 0.0747 U
8/11/2017	< 0.0805 U
2/20/2018	0.121 J
7/5/2018	< 0.0400 U
8/21/2018	0.0630 J
12/4/2018	0.0563 J
2/19/2019	< 0.0400 U
5/22/2019	0.0549 J
10/11/2019	1.28

MW02	
11/18/2016	0.950
4/11/2017	< 0.0747 U
8/21/2017	3.74 J
3/1/2018	< 0.0805 U
7/11/2018	0.281 J
8/23/2018	0.196 J
11/29/2018	0.444
2/7/2019	0.220
5/23/2019	0.296
10/15/2019	0.185 J

MW41	
5/28/2019	3.94
10/11/2019	20.3

MW39	
5/24/2019	0.628
10/2/2019	0.822

MW30	
10/20/2017	0.134 J
3/16/2018	< 0.132 UB
6/19/2018	0.217 J
9/10/2018	0.290 J
11/15/2018	1.64
2/11/2019	1.90
5/21/2019	0.602
10/7/2019	1.33

MW09	
12/2/2016	0.0988 J
4/10/2017	0.189 J
8/9/2017	< 0.0805 U
2/28/2018	< 0.0805 U
7/10/2018	< 0.0400 U
9/4/2018	0.297 J
11/20/2018	0.0730 J
2/20/2019	< 0.0400 U
5/21/2019	< 0.0400 U
10/18/2019	1.73 J

MW38	
6/14/2019	4.40
10/9/2019	0.302

MW25	
10/17/2017	0.544
3/28/2018	0.189 J
7/5/2018	0.288 J
8/23/2018	0.120 J
12/4/2018	0.0886 J
2/15/2019	< 0.0870 UB
5/17/2019	< 0.110 UB
10/8/2019	0.217

MW36	
9/18/2017	1.42
3/23/2018	0.831
6/21/2018	0.0697 J
8/24/2018	0.156 J
11/28/2018	0.292
3/13/2019	0.207
6/11/2019	0.463
10/3/2019	0.505

MW10	
12/6/2016	0.319 J
3/30/2017	0.605
8/17/2017	0.904
1/18/2018	< 0.349 UB
7/9/2018	0.361 J
9/10/2018	0.358 J
11/6/2018	0.501
2/15/2019	1.81
5/10/2019	1.30
10/24/2019	9.97

MW11	
12/6/2016	0.505
3/28/2017	0.258 J
10/6/2017	0.337 J
2/9/2018	0.147 J
7/9/2018	0.0417 J
8/22/2018	0.271 J
11/6/2018	< 0.0400 U
2/5/2019	0.229
5/10/2019	0.166 J
10/25/2019	< 0.04 U

MW28	
10/13/2017	0.688
3/26/2018	0.545
7/5/2018	0.582
8/29/2018	0.521
12/5/2018	0.406
2/14/2019	0.369
5/16/2019	0.291
10/11/2019	0.421

MW35	
10/31/2017	2.39
3/23/2018	0.787
7/2/2018	0.171 J
8/27/2018	0.506
11/29/2018	1.17
3/8/2019	0.237
6/10/2019	0.586
10/3/2019	0.321

MW04	
11/21/2016	0.140 J
3/29/2017	< 0.0747 U
8/16/2017	< 0.0805 U
2/27/2018	0.331 J
6/22/2018	0.0552 J
8/24/2018	< 0.200 U
11/20/2018	0.0919 J
2/11/2019	0.696
5/8/2019	0.944
10/21/2019	0.113 J

PZ01	
9/29/2017	1.79
2/5/2018	2.88
6/18/2018	2.79
9/12/2018	2.96
12/3/2018	3.17
2/27/2019	4.11
5/21/2019	3.80
10/16/2019	4.5

MW24	
9/12/2017	0.287 J
3/8/2018	2.26
7/2/2018	2.02
8/23/2018	3.36
11/28/2018	3.67
2/28/2019	3.53
5/20/2019	2.14
10/4/2019	1.53

PZ02	
10/2/2017	36.1
2/8/2018	3.15
6/18/2018	6.24
9/13/2018	3.45
12/4/2018	9.87
3/12/2019	75.6
5/31/2019	10.8
10/24/2019	0.938

MW23	
10/12/2017	0.270 J
3/6/2018	< 0.154 UB
7/2/2018	0.307 J
8/23/2018	0.114 J
11/29/2018	0.211
2/19/2019	< 0.151 UB
5/14/2019	0.258
10/2/2019	0.188 J

PZ03	
10/3/2017	7.99
2/8/2018	0.368 J
6/19/2018	0.655
9/13/2018	1.40
12/4/2018	20.4
3/8/2019	31.2
5/30/2019	13.1
10/24/2019	9.02

MW19S	
2/28/2018	< 0.0805 U
7/6/2018	0.768
8/21/2018	0.305 J
11/16/2018	0.226
2/19/2019	0.214
5/8/2019	0.0927 J
10/7/2019	0.358

MW12	
11/18/2016	10.8
3/30/2017	13.5
8/15/2017	8.96
2/16/2018	4.47
7/6/2018	9.10
8/21/2018	6.76
11/9/2018	3.88
2/12/2019	6.22
5/9/2019	5.98
10/16/2019	9.4

SCG Comparison Key:

> Class GA Standard

Analytical result* for sample date (mg/L)

Groundwater Sample Locations

▲ No Exceedance

△ Not Analyzed

▲ Data Detail Provided

— Site Boundary

*Maximum result shown where field duplicate collected.

SCG Summary: mg/L

Class GA Standard 0.3

Imagery: State of New York 2021

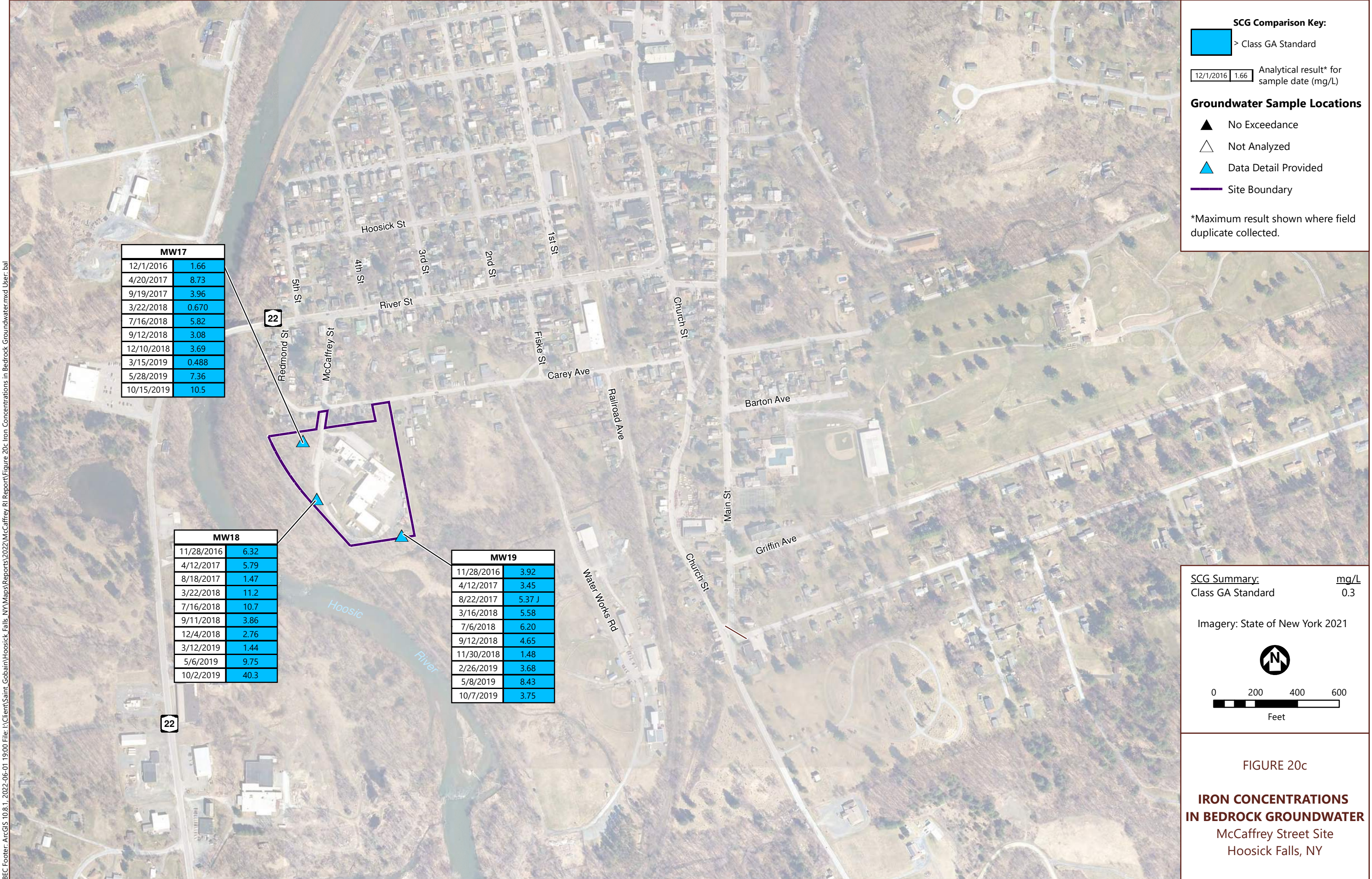


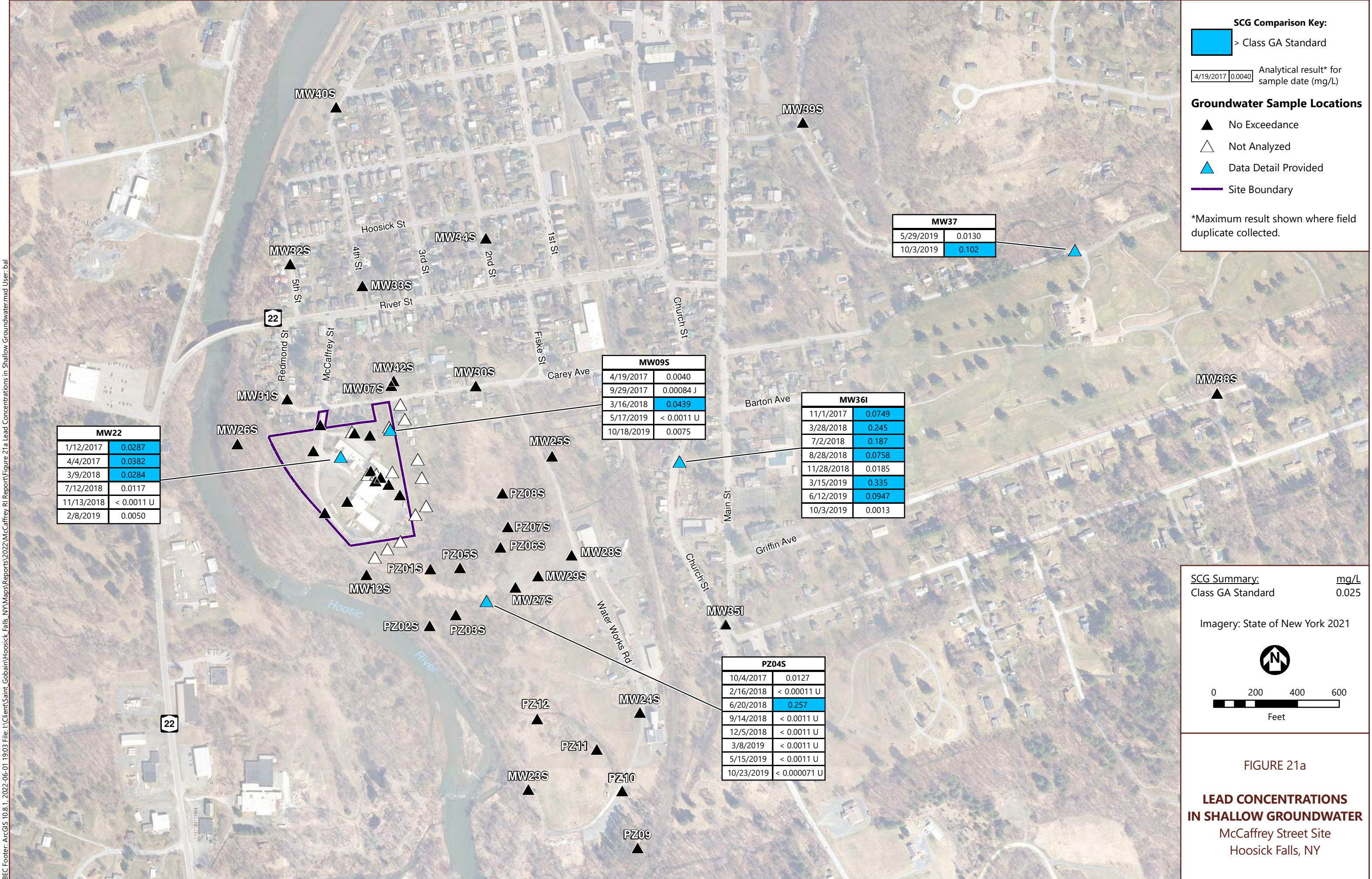
0 200 400 Feet

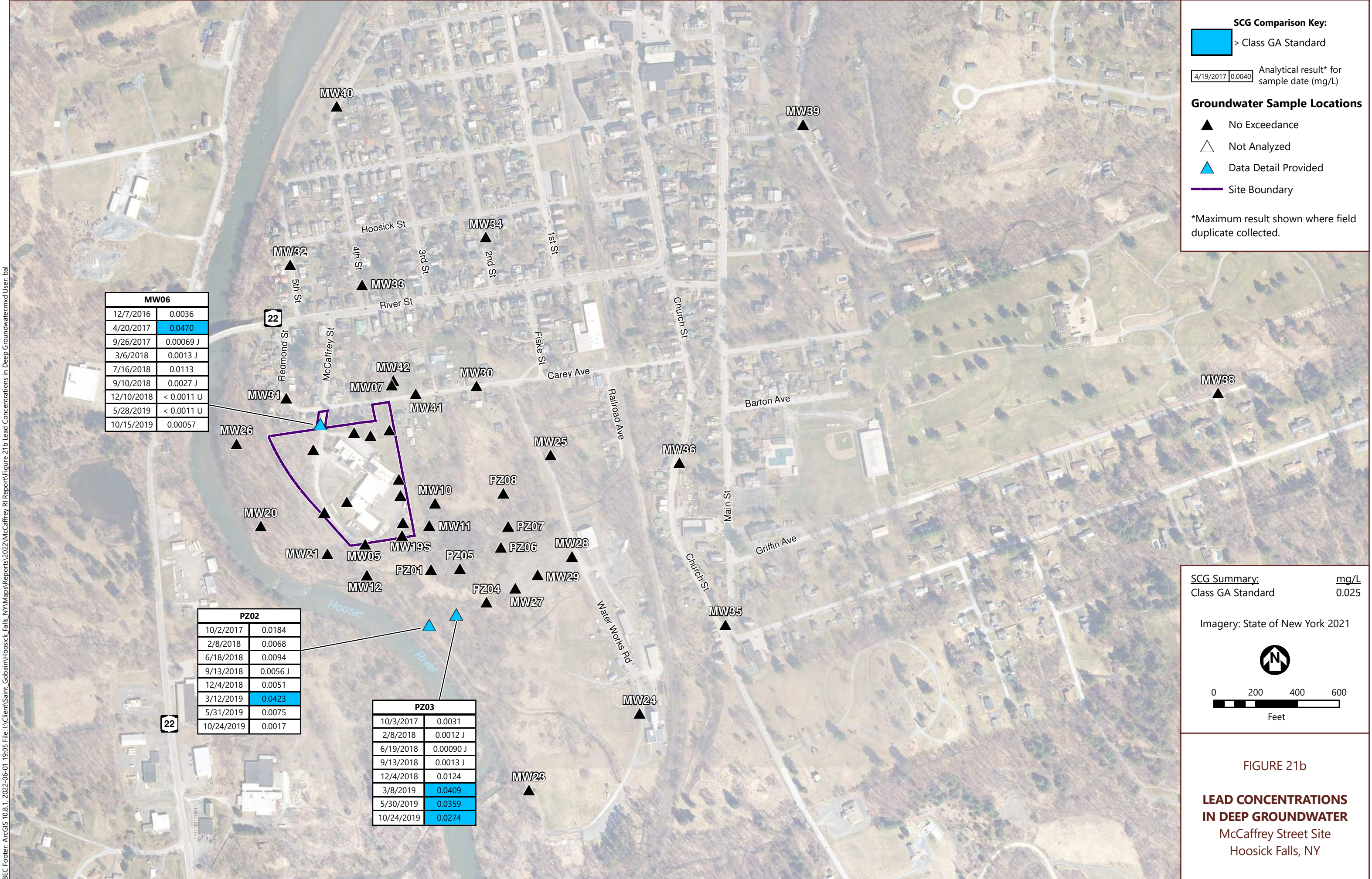
FIGURE 20b

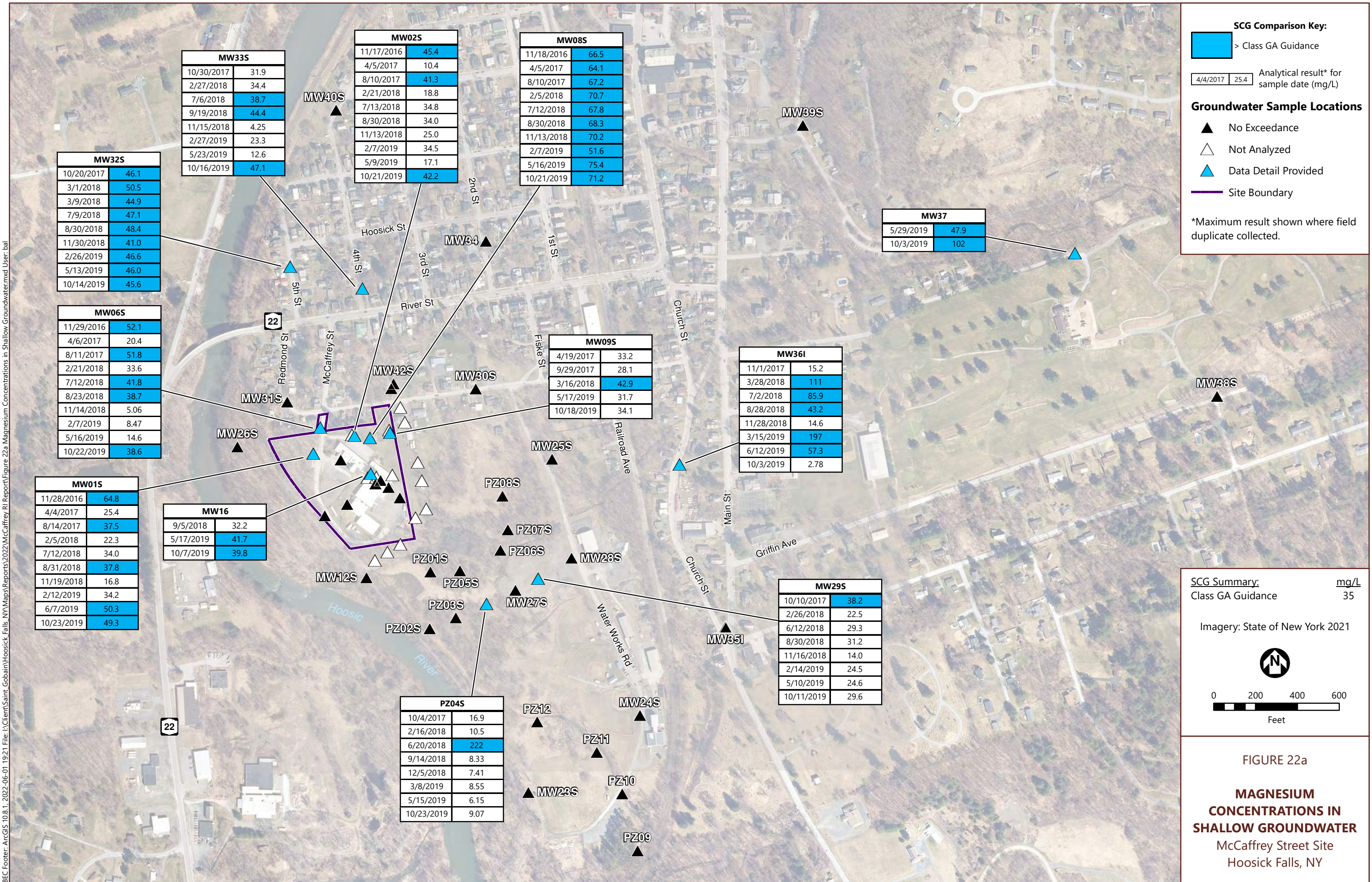
**IRON CONCENTRATIONS
IN DEEP GROUNDWATER**

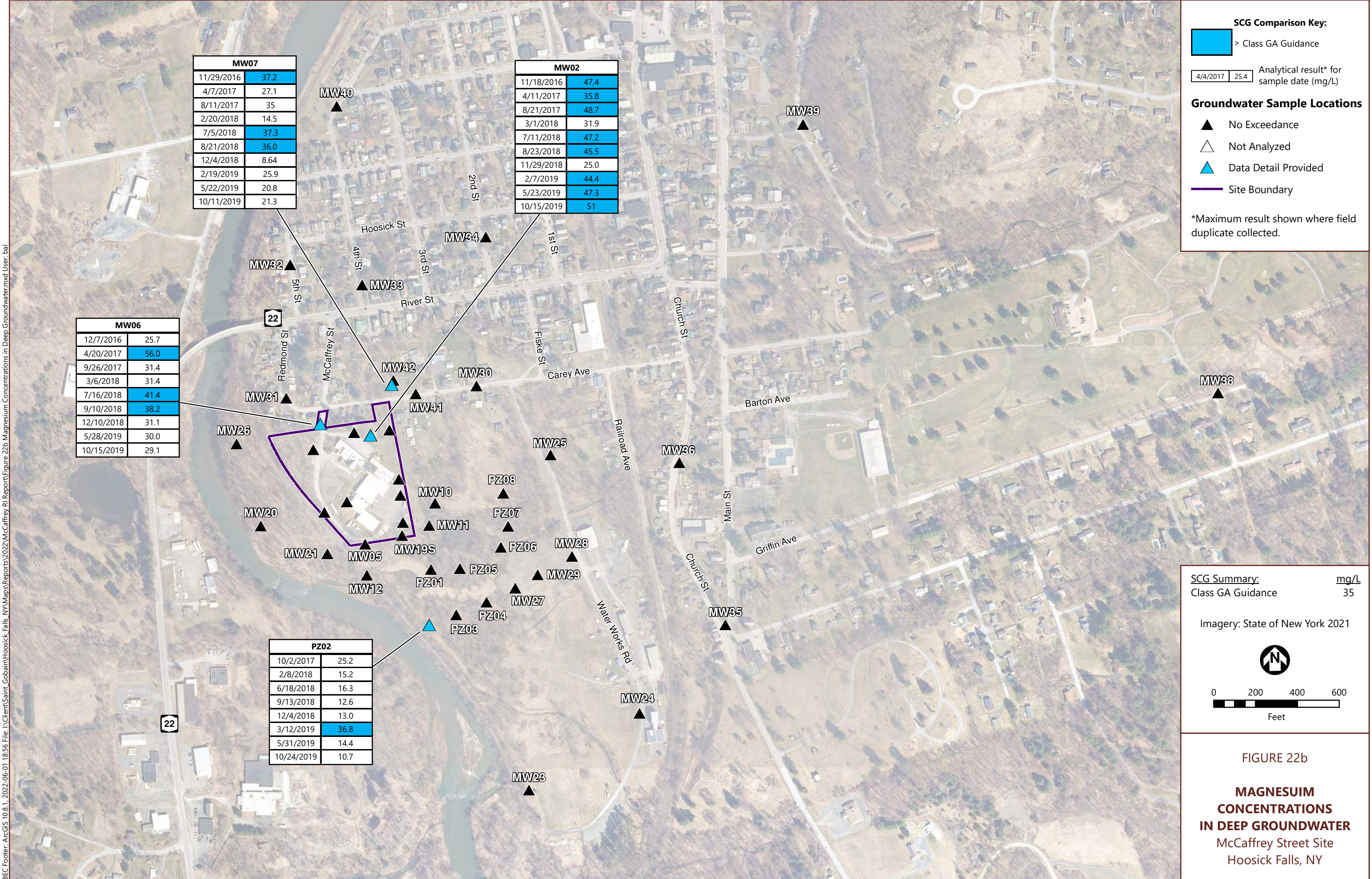
McCaffrey Street Site
Hoosick Falls, NY

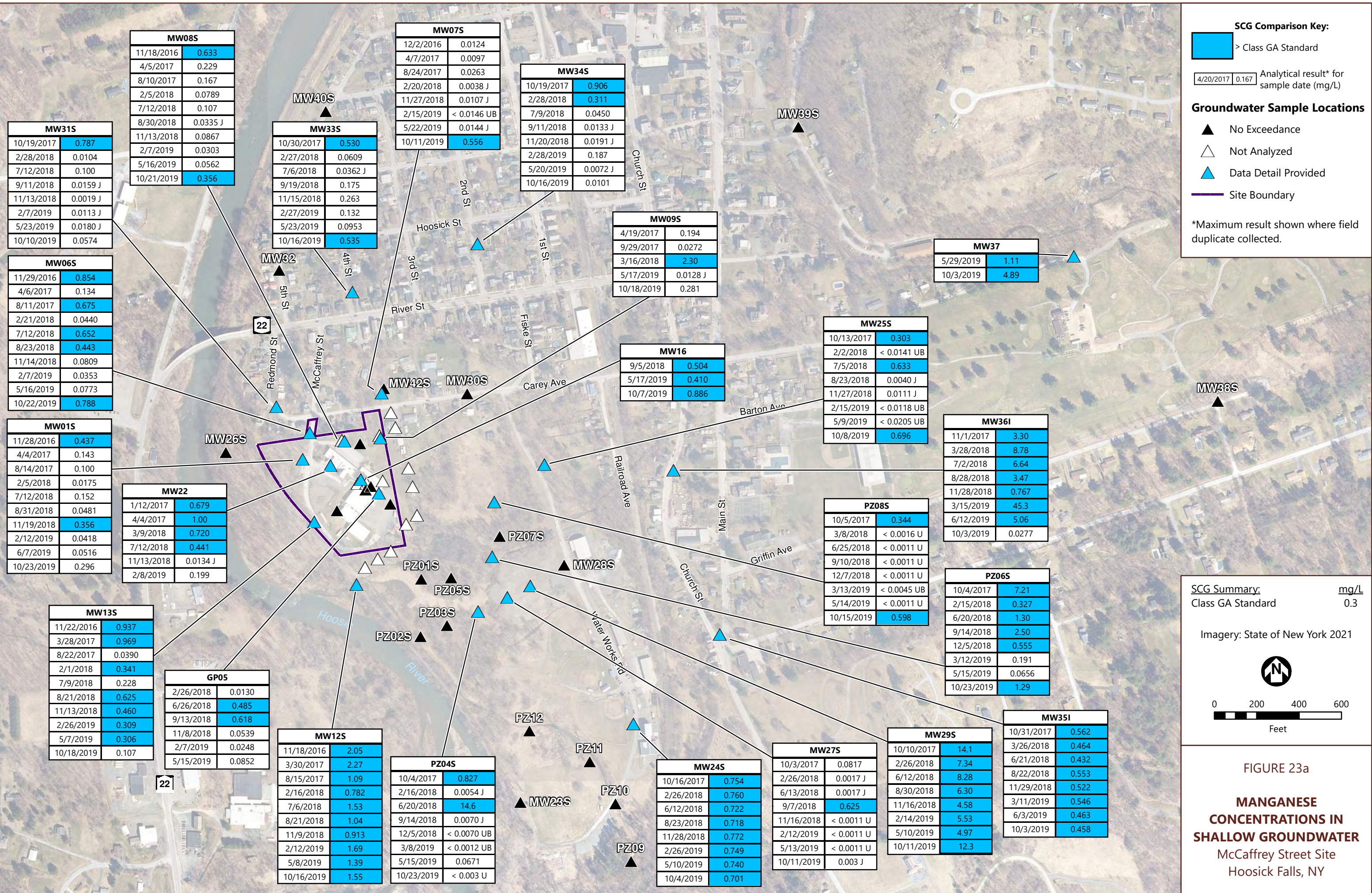




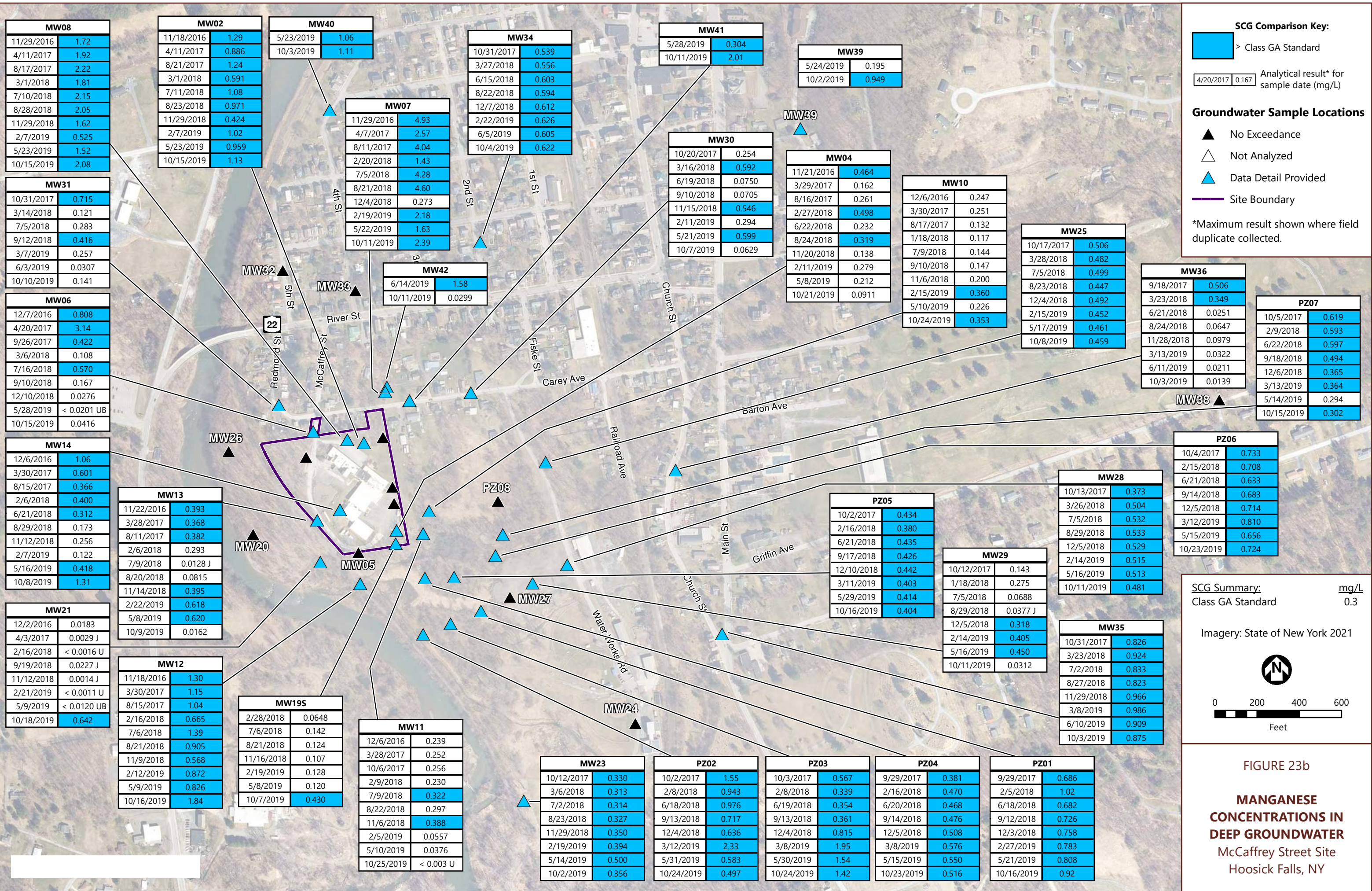






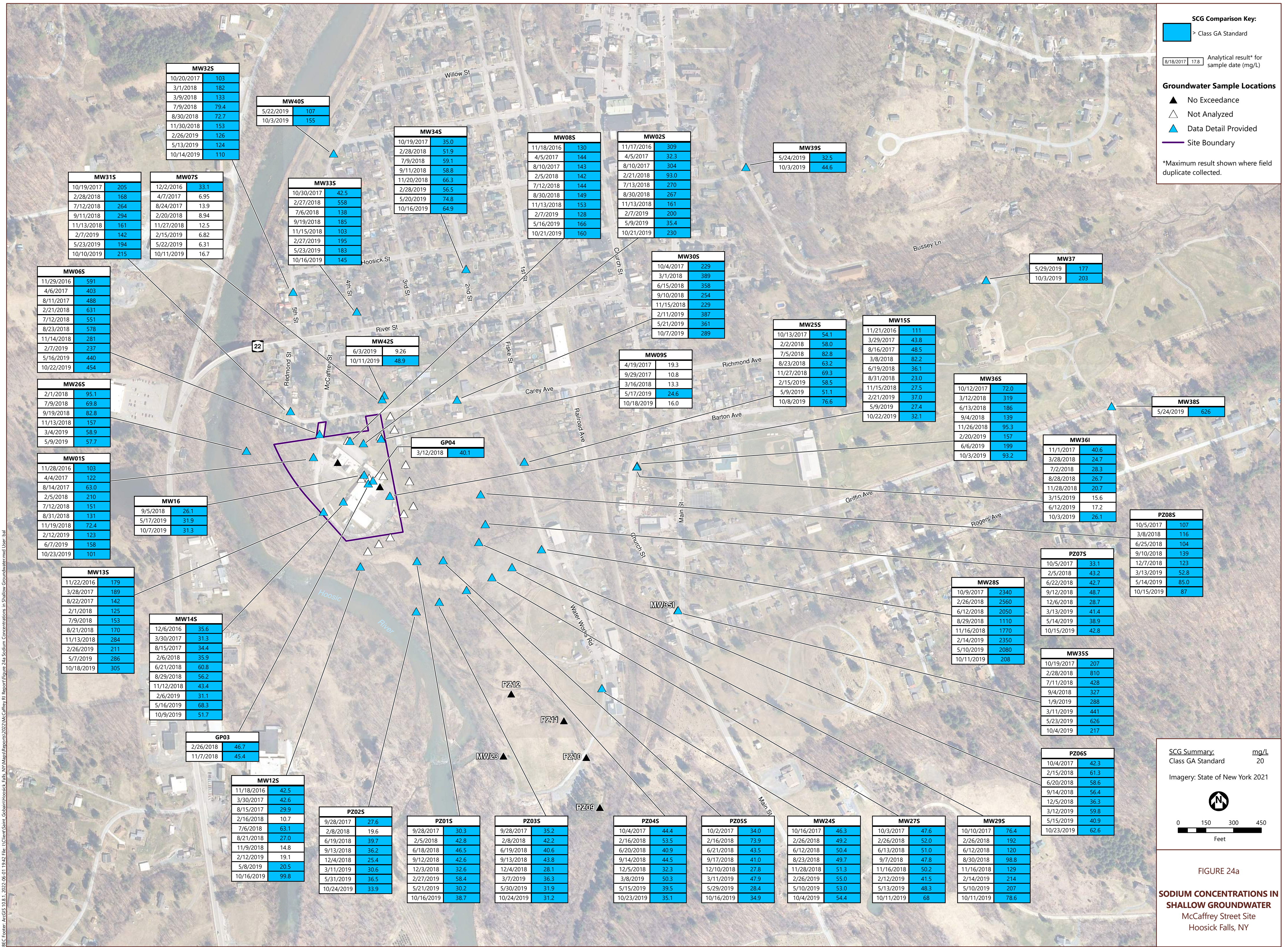


BEC Footer: ArcGIS 10.8.1, 2022-06-01 19:52 File: I:\Client\Saint-Gobain\Hoosick Falls NV\Maps\Reports\2022\McCaffrey RI Report\Figure 23b Manganese Concentrations in Deep Groundwater.mxd User: bal





BEC Foster ArcGIS 10.8.1, 2022-06-01 19:42 File: I:\Client\Saint_Gobain\Hoosick Falls, NY\Maps\Reports\2022\McCaffrey\Report\Figure 24a Sodium Concentrations in Shallow Groundwater.mxd User: dal



BEC Footer ArcGIS 10.8.1, 2022-06-01 19:55 File: I:\Client\Saint_Gibain\Hoosick_Falls_NY\Maps\Reports\2022\McCaffrey\Report\Figure 24b Sodium Concentrations in Deep Groundwater.mxd User: bal

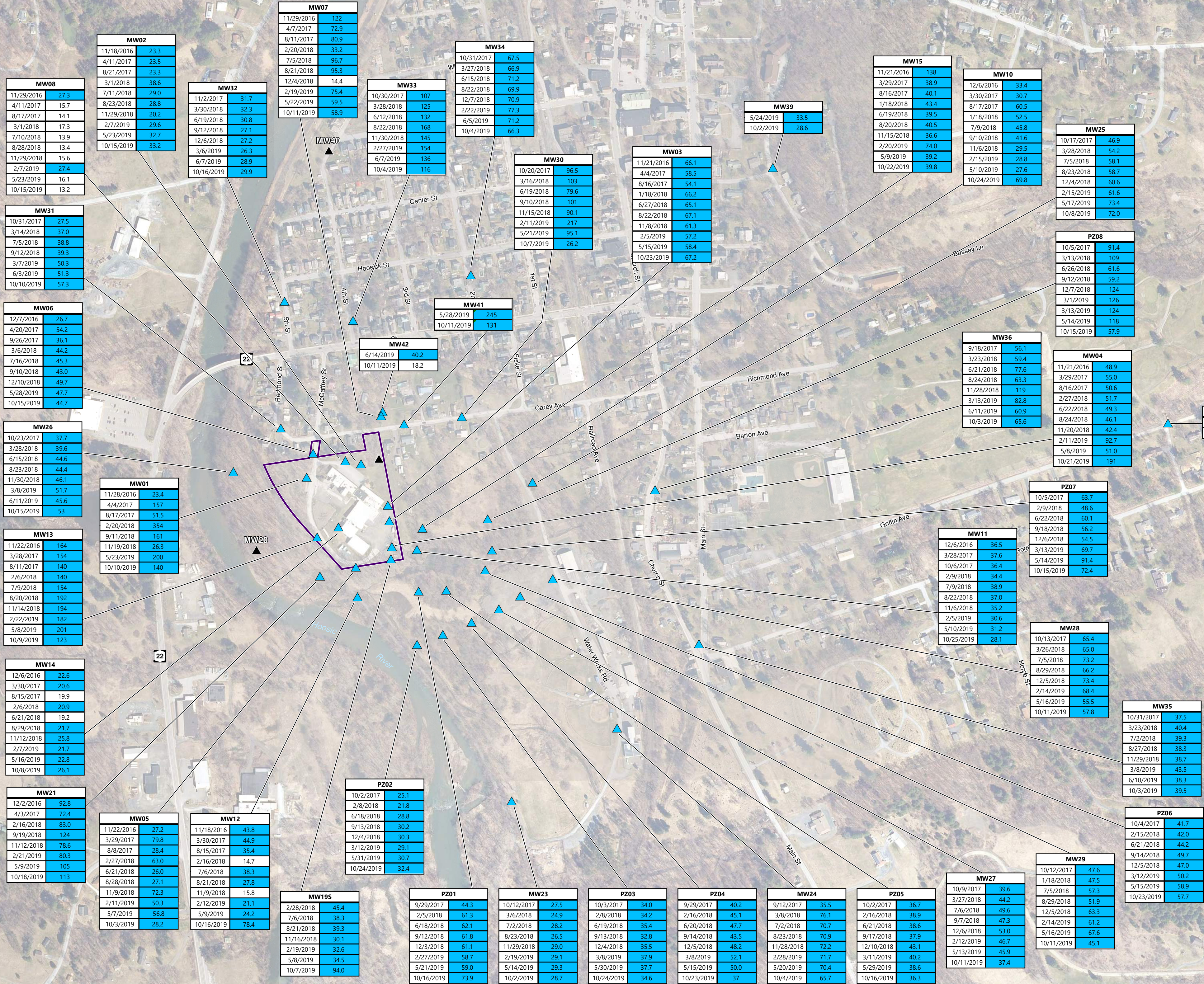
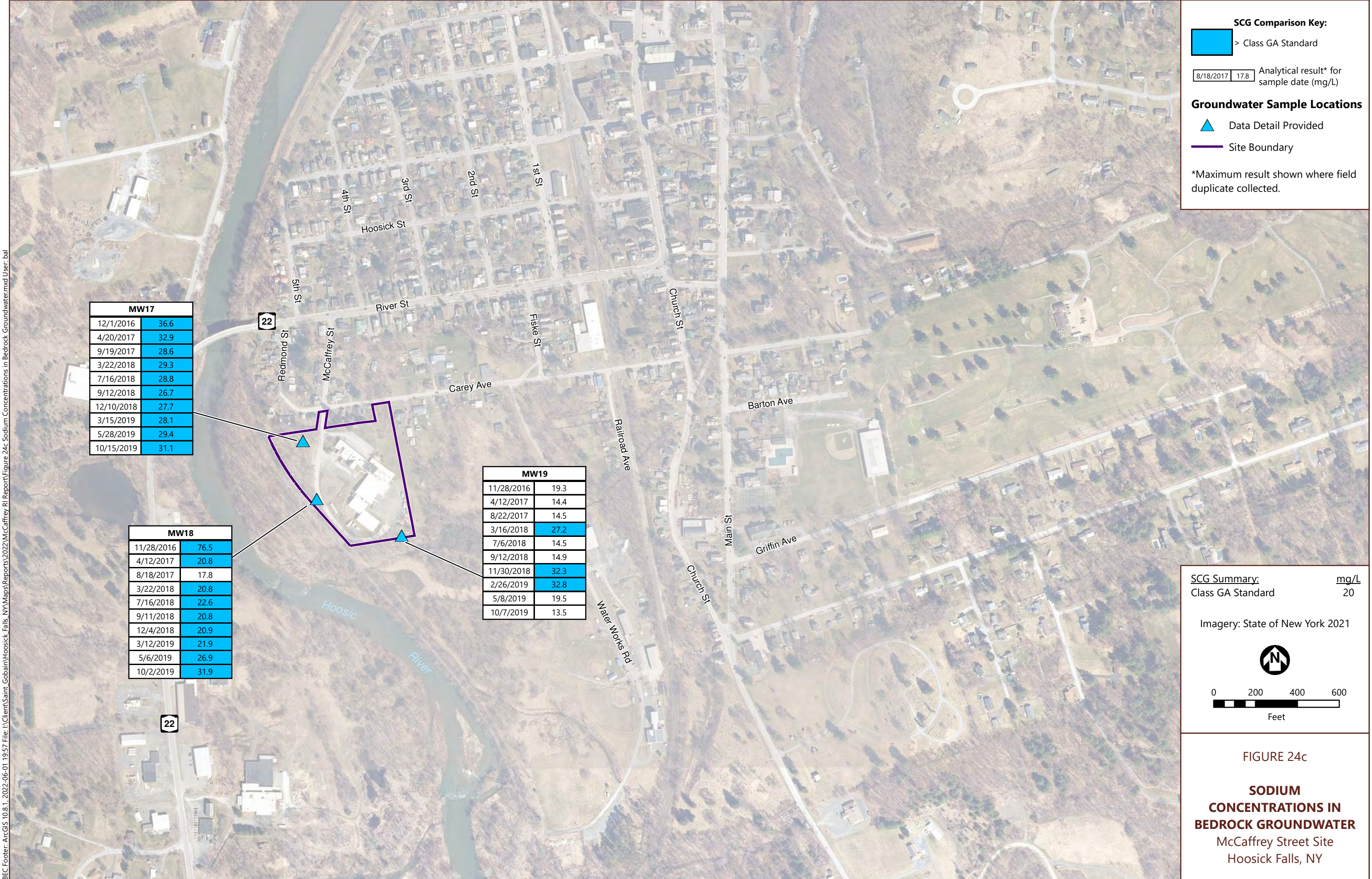


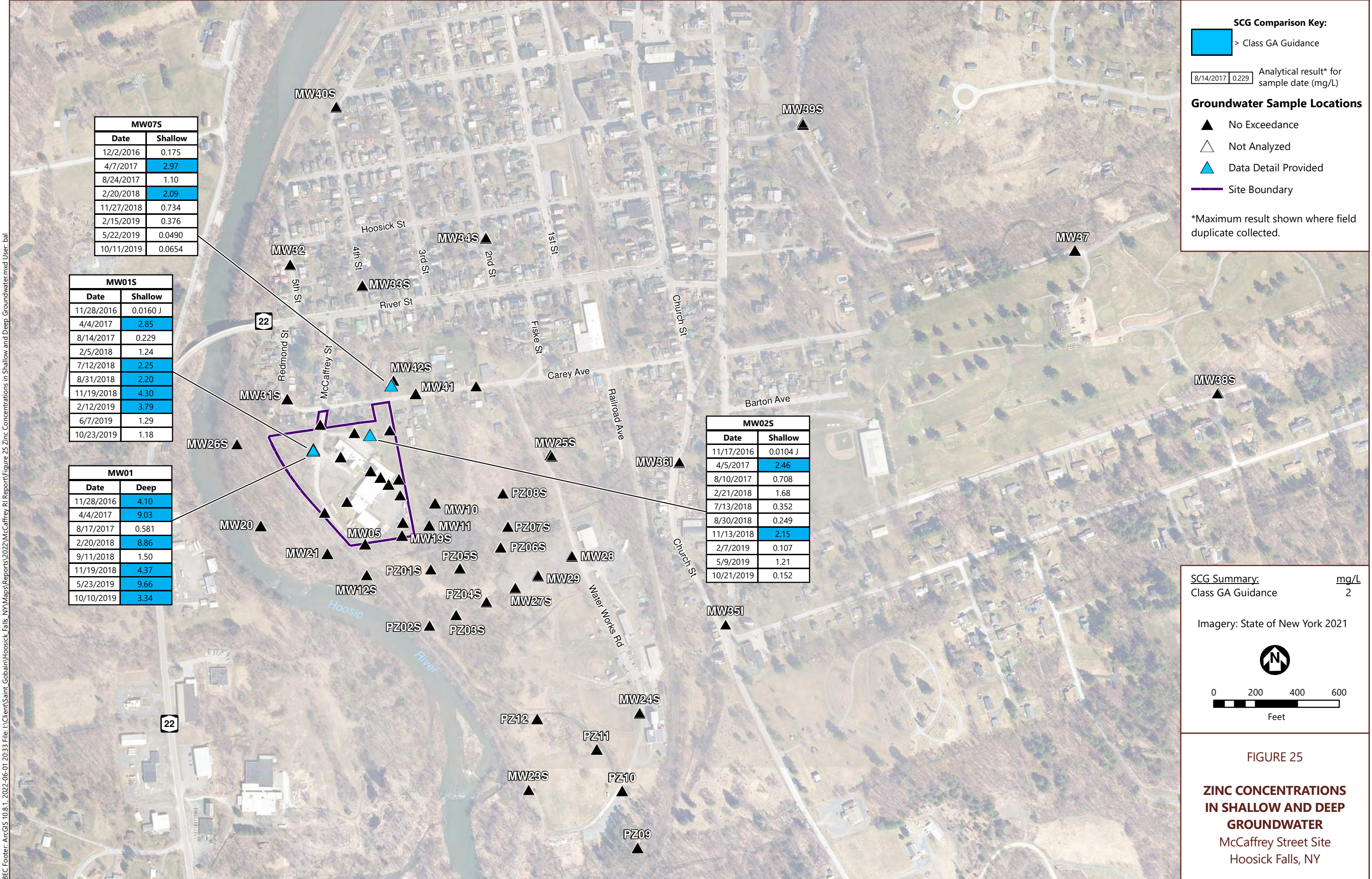
FIGURE 24b

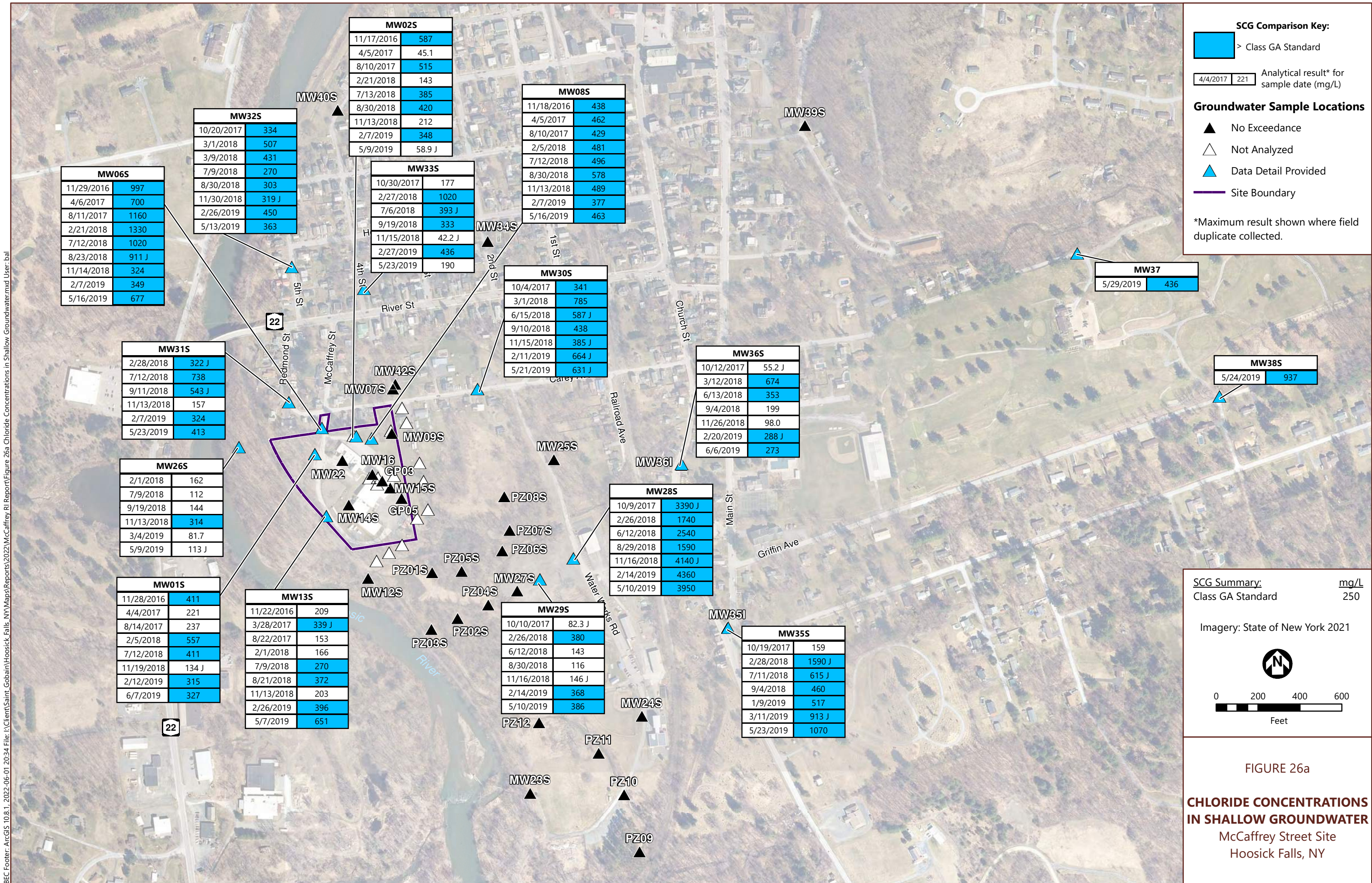
SODIUM CONCENTRATIONS IN DEEP GROUNDWATER

McCaffrey Street Site

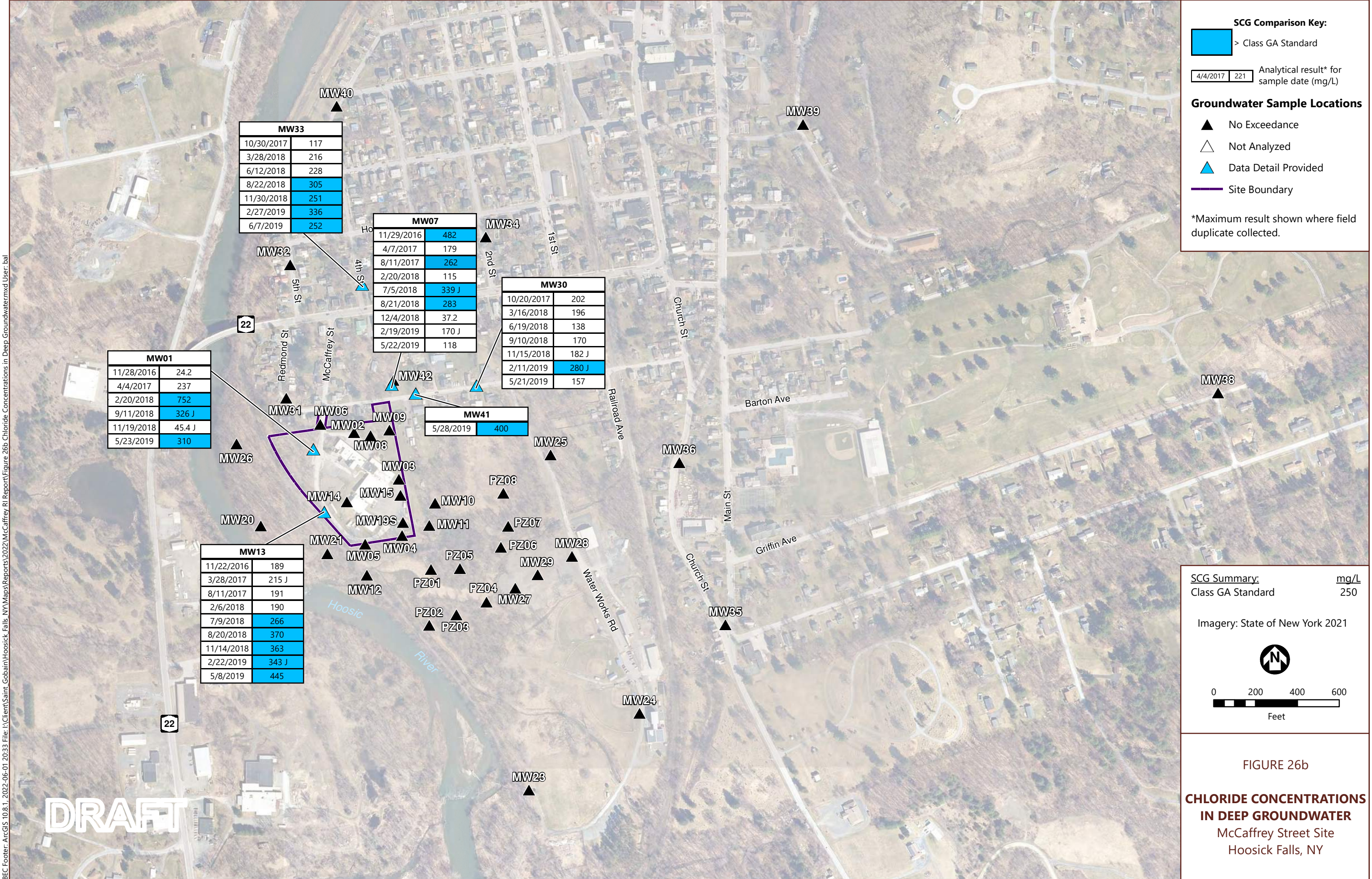
Hoosick Falls, NY







BEC Footer: ArcGIS 10.8.1, 2022-06-01 20:33 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2022\McCaffrey_RI_Report\Figure 26b Chloride Concentrations in Deep Groundwater.mxd User: bal



SCG Summary: mg/L
Class GA Standard 250

Imagery: State of New York 2021

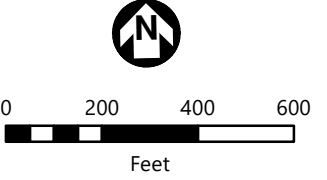


FIGURE 26b

**CHLORIDE CONCENTRATIONS
IN DEEP GROUNDWATER**

McCaffrey Street Site
Hoosick Falls, NY

