INVENTUM ENGINEERING, PC

Preliminary Scoping Investigation Report

DRAFT

Brownfield Cleanup Program Site #C915196B

1001 East Delavan Avenue

Buffalo, New York

July 20, 2020

481 CARLISLE DRIVE
SUITE 202
HERNDON, VA 20170
WWW.INVENTUMENG.COM

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1 Introduction

On behalf of East Delavan Properties, LLC, Inventum Engineering, P.C. (Inventum) has prepared this Preliminary Scoping Investigation (PSI) Report for the East Delevan Properties Brownfield Cleanup Program Site (BCP Site) located at 1001 East Delavan Avenue (property) in Buffalo, Erie County, New York (Figure 1). East Delavan Property, LLC ("EDP") acquired the property from American Axle & Manufacturing's, Inc. (AAM) in 2008. At the time of the property sale AAM and General Motors (GM) were involved in an investigation of the site in accordance with an Administrative Order on Consent with the New York State Department of Environmental Conservation (NYSDEC). The sale to EDP was completed prior to GMs 2009 bankruptcy filing. EDP continued to voluntarily address legacy environmental issues resulting from GM and AAM tenure at the property. In 2018, the NYSDEC initiated a remedial action on a portion of the site (now known as the 250 Colorado Street Site) using the funds granted to New York as a result of a settlement of claims under the bankruptcy.

Inventum submitted a PSI Work Plan on July 11, 2019 to the NYSDEC and the scope of work was approved by NYSDEC in a letter dated July 31, 2029. The primary goal of the PSI was to aid in the development of a Remedial Investigation Work Plan (RIWP), which was subsequently submitted to the NYSDEC on June 22, 2020 (Inventum, 2020). The BCP Site RI is subject to public comment through July 24, 2020 and is proposed to be conducted in accordance with the BCP agreement with the NYSDEC dated March 1, 2018. The BCP Site is listed as Site Number C915196B.

The tax property is segregated into two separate sites for the purpose of addressing legacy environmental conditions as shown on Figure 2:

- BCP Site No.C915196B encompasses approximately 32.88± acres and was the subject of the PSI;
- 250 Colorado Street Site (Site No. 915196) is approximately 2.65± acres and is surrounded by the BCP Site. The NYSDEC Division of Environmental Remediation (DER) is managing the investigation and remediation on that portion of the property through the Inactive Hazardous Waste Site Program.

The PSI was conducted in accordance with NYSDEC *Technical Guidance for Site Investigation and Remediation*, DER-10, dated May 2010.

1.1 PSI Objectives

The primary objective of the PSI was to aid in the development of the RIWP by providing a basis and understanding of the current conditions that will be used through the RI process to compile a conceptual site model (CSM), refine the assumptions in the CSM, and characterize the BCP Site; evaluate risks to human health and the environment; and define actions required to meet the remedial action objectives (RAOs) for the BCP.

The following activities were the focus of the PSI program. Where applicable, progress made on specific tasks and adjustment to the scope of work are noted in italics.

1. Compile the applicable existing investigation data collected by former site owners and consultants on the BCP Site in a form that can be evaluated and incorporated into the RIWP;
2. Redevelop wells in the BCP Site monitoring well network and replace existing fill monitoring well MW-403;
   - *All located monitoring wells were redeveloped.*

- *The June 22, 2020 RIWP proposed a revised scope/schedule for replacement of monitoring wells in the BCP Site network.*

3. Collect a first round (baseline) of groundwater elevation data and LNAPL thickness measurements prior to full implementation of the IRM[1] by NYSDEC for the 250 Colorado Street Site;
   - *Monitoring well inspection, elevation measurements (GW and LNAPL), and redevelopment occurred after implementation of the referenced IRM*.
4. Collect surface soil samples in areas of lawn/green scape that were not sampled in previous investigations;
   - *Eighteen (18) locations were proposed; however, only thirteen (13) of the proposed locations were determined to be in lawn/green scape areas.*
   - *Accordingly, the five (5) proposed locations along the eastern boundary of the BCP Site that did not have exposed soil and were therefore not sampled*.
5. Collect a second round of groundwater and LNAPL thickness measurements;
6. Collect groundwater and LNAPL samples for analytical testing at identified monitoring wells. If a well contained enough volume of LNAPL, then LNAPL samples were collected to determine the nature the nature of the liquid (including analysis for PCBs);
7. Develop an IRM Work Plan for removal and closure of three suspected No.6 Fuel Oil tanks located on the southern end of the BCP Site;
   - *An IRM Work Plan Fuel Oil Underground Storage Tank Removal was submitted to NYSDEC on March 30, 2020 and is currently available for public comment through July 24, 2020.*
8. Develop an initial CSM for review/concurrence with the NYSDEC to identify potential data gaps to address in the RIWP.
   - *The initial CSM and data gap analysis were presented in the June 22, 2020 RIWP*.

2 Site Description and History

2.1 Site Background

GM owned the property and operated the manufacturing facility from original industrial development in the 1920s until February 1994 when it was sold to AAM. AAM operated the facility until they ceased operations at the Site in December 2007. AAM sold the property and structures to EDP in October 2008.

The former GM facility initially was a car assembly plant and produced body parts for the Chevrolet division from about 1920 to about the 1930s. After that period, until December 2007, the main focus of operations was manufacturing of automotive drive train and steering components. The operations included machining and assembly of drive train components for GM vehicles, for light trucks in the last decades. The facility used hydraulic fluids, cutting oils and lubricants. Reportedly, Polychlorinated Biphenyls (PCBs) were a constituent in hydraulic oils and heat transfer fluids used at the facility in machining and heat-treating operations. PCBs could have also been present in electrical equipment on the property. PCBs are the primary constituent that has been detected in environmental samples collected at various locations across the property.

EDP purchased the facility with the knowledge and understanding that GM was responsible for the ongoing RI, an ongoing IRM, and any future remedial actions under an Administrative Order on Consent ("2006 Order"; Index No B9-0681-04-12) between GM, AAM and the NYSDEC. At the time of the purchase GM was actively investigating the conditions caused by more than eight decades of automotive parts manufacturing at the property and had an active interim remedial measure (IRM) at the coolant pit believed to be the source of subsurface environmental impacts. On June 1, 2009 GM filed for protection under U.S. bankruptcy laws and stopped all investigation and remedial activity, including the IRMs. Subsequently, AAM declined to fulfill the responsibilities of the 2006 Order to which they were also a party. Neither EDP, or any of its tenants, have ever manufactured automotive parts at the property, have never operated any of the manufacturing equipment that caused releases to the environment, and EDP was not identified in, or party to the 2006 Order.

EDP voluntarily continued to address conditions on the property after both GM and AAM abandoned their responsibilities to investigate and remediate environmental conditions. EDP's voluntary multi-stage program included:

- Eliminating active sources of soil and groundwater contamination by removing all process water and free oil from numerous subsurface pits, sumps, and trenches, decontaminating the walls and bases, backfilling, and in exterior and some active interior locations, capping the former openings with concrete.
- Eliminating several drains and laterals that discharged directly to the 5x9 combined sewer from the property.
- Upgrading and operation of the B-26 Coolant Pit Recovery System that GM and AAM installed in accordance with the March 2008 Order. In accordance with the 2019 Order, EDP will continue operation on behalf of the NYSDEC in remediating the 250 Colorado Street Site.

The approximate location of the pipes, pits, and sumps cleaned and backfilled by EDP are shown on Figure 3.

2.2 Site Location and Description

The BCP Site is located at 1001 East Delavan Avenue in the City of Buffalo, Erie County, New York (Figure 1). The BCP Site occupies an area of approximately 32.88 acres and consists of several existing

buildings, exterior impermeable surfaces, and to a lesser extent, grass and other pervious surfaces around three sides of the BCP Site. EDP has redeveloped/repurposed several of the existing structures and there is one industrial, several commercial, and one non-profit occupant who lease space from EDP (Figure 2b).

A general BCP Site layout is shown on Figure 2. The BCP Site is bisected by an underground combined sewer trunk owned by the Buffalo Sewer Authority (BSA). The BSA sewer is approximately 7 feet below ground surface (bgs) across the BCP Site and is a brick and mortar tunnel that measures approximately 5 feet high by 9 feet wide ("5x9 Sewer") inside the conveyance. The sewer slopes from north to south across the BCP Site with the base of the sewer near the top of bedrock on the north end of the BCP Site and in clay unit at the south end of the BCP Site (*CRA 2006*).

Scajaquada Creek flows through an aboveground channel from its source approximately 7 miles east of the BCP Site, to a location on Pine Ridge Road, where the creek channel runs into an underground conduit (Scajaquada Creek Drain). The Scajaquada Creek Drain is located just south of the Scajaquada Creek Interceptor Sewer which traverses the southern portion of the BCP Site. The Scajaquada Creek Drain measures approximately 33 feet wide by 14 feet high and extends from approximately 1 mile east of the BCP Site to 2 miles west of the BCP Site. The 5x9 Sewer drains into the Scajaquada Creek Interceptor Sewer. Immediately to the south of the BCP Site there is an emergency overflow device where the Scajaquada Creek Interceptor Sewer can overflow into the Scajaquada Creek Drain during periods of high storm water flow.

During operation by GM and AAM, the BCP Site consisted of the main manufacturing building, power plant, auxiliary manufacturing building, electrical substation, an area of underground storage tanks (USTs), parking lots, and other small buildings used mainly for storage (Figure 2c). The main manufacturing buildings, known as Plant Nos 81 and 83, were constructed by GM during the mid-1920s with several additions constructed as late as the mid-1960s (Figure 2c).

2.2.1 Land Use

The BCP Site is located (Figure 1) within the City of Buffalo and is approximately 4.5 miles east of the Niagara River. The BCP Site is bordered:

- To the east by an inactive railroad line that is elevated above the BCP Site and terminates on the northeast corner of the BCP Site. The railroad formerly supplied the GM/AAM facility via several spur lines that branched off into the southeast corner of the BCP Site.
- Further east of the Site are commercial and industrial operations, an electrical substation, and then residential neighborhoods approximately 0.13 miles from the eastern BCP Site boundary.
- The BCP Site is immediately bordered to the south by Scajaquada St and then commercial operations and residential properties.
- The BCP Site is immediately bordered to the west by Cornwall Ave and then a mix of commercial properties, parking lots, and residential properties.
- The BCP Site is immediately bordered to the north by East Delavan Ave which is a heavily trafficked thoroughfare. Across East Delavan Avenue to the north is a parking lot, a number of vacant properties owned by EDP, smaller commercial operations, and residential neighborhoods.

2.2.2 Topography

During operation by GM/AAM the ground surface of the BCP Site was largely occupied by buildings with the surrounding areas being generally flat. While redevelopment activities have altered the presence and extent of former BCP Site building features, the topography remains flat with respect to existing

conditions. The site BCP Site topography is mostly flat which is typical of this section of Buffalo. The BCP Site is bordered along the east by a railroad embankment and rises above the local grades by 10 to 12 feet or more. Reference documents reviewed by Inventum denote a finished floor elevation of the main manufacturing building of 68 feet (GM datum) which corresponded to 643.45 ft AMSL (CRA 2006); however, a topographic survey has not been conducted to document existing conditions.

2.2.3 Geology

The BCP Site is covered by pavement, buildings and building slabs over all but approximately 2.25 acres along the north, southwest and southern sides of the facility. Except for the limited grass areas along Cornwall and East Delavan Avenues, the site is surrounded with a chain link fence.

The general composition of each of the three distinct overburden layers (Fill, Clay, and Bedrock) are described in more detail below. The geology of the BCP Site is well documented from previous site investigations and much of the detail below is sourced from those documents.

2.2.3.1 Fill

The fill is composed of reworked soil, crushed concrete, gravel, foundry stone, crushed brick, cinders, slag, wood, and to lesser extent pieces of metal and glass fragments. The 2006 Remedial Investigation Report (RIR) conducted by Conestoga-Rovers & Associates (CRA) on behalf of GM notes that a municipal dump site was reportedly present on the property in the early 1900s and that some material encountered in the fill are consistent with the residuals of municipal refuse.

Scajaquada Creek was an open channel before development of the facility. The channel crossed the southern section of the site in the vicinity of the South Yard and the channel was filled in when the Scajaquada Creek Interceptor was constructed.

The average thickness of the fill layer across the property is approximately 5-feet but has been noted to extend to 15-feet bgs in the southeast corner of the BCP Site where the fill is believed to be the material used to fill and relocate Scajaquada Creek.

2.2.3.2 Clay

A clay unit is contiguous across the property. The clay lies immediately beneath the fill layer and is characterized as a black silt/clay or red-brown clay. The looser silt/clay layer is gray to black in color, dry to very moist, and the silt content is noted as ranging from minor to abundant. This silt/clay upper portion of the clay unit is said to be most prevalent in the central portion of the property with decreasing thickness moving south and has an average thickness, where present, of 2.4 feet. A red-brown clay is described as the lower portion of the clay unit with an average thickness of 8.5 feet. The red-brown clay is described as a stiff silty clay with microfractures and is typically dry to slightly moist.

2.2.3.3 Bedrock

The average depth to bedrock beneath the property is between 15 and 16-feet bgs. The deepest bedrock cores were extended to approximately 20-feet below the top of bedrock. The bedrock is described as a light to dark gray cherty limestone (identified as the Onondaga Limestone). The boring log descriptions as massive and moderately fractured or broken are consistent with the regional knowledge that the Onondaga Limestone formation is a massive, cherty, and argillaceous limestone approximately 140 feet thick.

2.2.4 Surface Water Hydrology

There are no natural surface water drainage features on the BCP Site. Precipitation previously was directed to roof and catch basins that drained to the 5x9 Sewer and into the BSA system. As EDP cleaned up the residuals left by GM and AAM, the downspouts, laterals and catch basins were sealed. As the Site was repurposed, large sections of the former GM/AAM facility were found to be unserviceable and were removed. As a result, there are several areas of the BCP Site that were covered by buildings but that the former building slab is now exposed. Standing water can accumulate in some of these areas during heavy precipitation events. Some surface water in the paved open areas can drain to storm drains that are still present and in use.

2.2.5 Groundwater Hydrogeology

Groundwater occurs in each of the three overburden layers (fill, clay, and bedrock) at the BCP Site and there are multiple wells installed in each layer. Current groundwater potentiometric surface conditions are more fully described in Section 4.1.4. Groundwater flow has typically been modeled independently for each unit although there is likely communication between the fill and clay layers. The presence of LNAPL in two areas of the BCP Site depresses the groundwater surface when present.

In general, the 5x9 Sewer likely has the largest influence on groundwater flow within the fill layer. Historically, in the immediate vicinity of the 5x9 Sewer, the hydraulic gradient in the fill layer is inward toward the sewer or sewer backfill except at times of high flow when the pressure within the sewer would reverse the gradient. The groundwater and LNAPL recovery system operated by the NYSDEC on the 250 Colorado Street Site is likely having a localized influence on groundwater flow in the fill layer. Similarly, other major sewer utilities on the BCP Site (Figure 2) may have some localized influence on groundwater flow, although not expected to the same degree as the 5x9 Sewer.

The filled in Scajaquada Creek channel may also affect groundwater flow at the southern end of the BCP Site as the unconsolidated fill may present a preferred flow pathway for shallow groundwater. However, the influence is likely limited as the backfilled creek channel reportedly contains the same fill material, and thus similar hydraulic conductivity, as the rest of the fill material on the BCP Site.

Depths to groundwater in the fill layer ranged from 1.18 to 10.57 feet bgs during the PSI monitoring conducted in January 2020 (Table 1).

Groundwater flow in the clay unit appears to be affected by the presence of the 5x9 Sewer. The invert elevations of the brick lined sewer are historically higher than the potentiometric surface elevations in the clay layer over most the BCP Site. The 2006 RIR produced by CRA notes that groundwater monitoring conducted as part of that investigation showed a mounded potentiometric surface in the clay layer immediately east of the 5x9 Sewer in some areas of the BCP Site, predominately on the eastern perimeter of the 250 Colorado Street Site.

Depths (potentiometric surface elevation) to groundwater in the clay layer ranged from 2.42 to 15.35 feet bgs during the PSI monitoring conducted in January 2020 (Table 1).

The bedrock groundwater monitoring wells on the BCP Site typically extend approximately 5 to 7 feet into the bedrock and are below the base elevation of the 5x9 Sewer. A review of available boring logs and historical reports describe this shallow bedrock as hydraulically connected to the overlying clay/fill units with a general groundwater flow from west to the east. LNAPL has been detected in three bedrock monitoring wells during the baseline monitoring conducted in January 2020.

Depths (potentiometric surface elevation) to groundwater in the bedrock ranged from 5.71 to 15.10 feet bgs during the PSI monitoring conducted in January 2020 (Table 1).

3 PSI Summary

The findings of the PSI are detailed and discussed more fully in the subsections below.

All work was conducted in accordance with NYSDEC *Technical Guidance for Site Investigation and Remediation*, DER-10, dated May 2010. Laboratory analysis was conducted by Eurofins TestAmerica of Buffalo, New York in accordance with the Quality Assurance Project Plan (QAPP) in the approved PSI Work Plan.

Laboratory data packages and electronic data deliverables (EDDs) are provided in Appendix A and have been uploaded to the NYSDEC's Environmental Information Management System (EIMS).

3.1 Surface Soil Sampling

Surficial soil samples were collected at thirteen (13) locations as shown on Figure 4. The shallow borings were advanced using a hand-auger and the material was recovered for lithological characterization and field screening with a Photoionization Detector (PID). All observations were logged, and the observations/sampling forms are provided for reference in Appendix B

Two (2) discrete samples were collected from each location. One sample was collected from the upper two-inches of soil (excluding topsoil if present) and the second sample was collected from a depth between 2 and 12-inch bgs. There was no evidence of contamination based on field observations (i.e. visual, olfactory, or elevated PID readings) in any of the shallow borings.

Samples collected from each location from the upper two inches of soil were analyzed for Metals, Semi-Volatile Organic Compounds (SVOCs), PCBs, and Pesticides/Herbicides. Samples collected from each location at a depth between 2 and 12-inches bgs were analyzed for Metals, PCBs, SVOCs, Volatile Organic Compounds (VOCs), Pesticides/Herbicides, 1, 4 Dioxane, and Emerging Contaminants (PFAS and PFOA compounds).

A summary of the sampling data is provided in Table 2.

3.2 Monitoring Well Inspections and Redevelopment

Inspections of the BCP Site monitoring well network (50 wells in total) were conducted in November and December 2019. Table 1 summarizes the field measurements (groundwater elevation, LNAPL elevation, and total depth) collected. Monitoring well inspection forms are provided for reference in Appendix C. The integrity of each well was assessed, and each well was redeveloped by removing a minimum of three well volumes of liquid, purging until dry, or purging and surging the well. The redevelopment effort was intended to promote good communication between the wells and the surrounding groundwater system given the length of time (10+ years) since the last sampling effort.

Monitoring well MW-403 was proposed for replacement during the PSI; however, as shown on Table 1, there were twelve (12) wells that were not redeveloped or sampled either due to the compromised integrity of the well (MW-403 and CP-1B) or they could not be located (MW-106, MW-205B, MW-806B, MW-3A, MW-2B, MW-300, MW-409R, MW-300A, MW408R, and MW-409B) due to site conditions (ex. snow, standing water, or other materials) during the inspection period. Inventum has

proposed replacement of four wells (MW-205B, MW-806B, MW-409B, and MW-3A[2]) during the RI based on an analysis of the historical and current groundwater quality (Inventum 2020).

3.3 Baseline Groundwater Monitoring

The thirty-eight (38) monitoring wells that were located, inspected, and redeveloped were then sampled in January 2020 (Figure 5). Eight (8) of the monitoring wells contained a measurable quantity of LNAPL. Four (4) of these wells are in the former machining area (MW-805A, CP-3B, MW-402R, MW-102B) and four (4) wells are in the former powerhouse area (MW-4B, MW-802A, MW-404, and MW-803A). Samples of the LNAPL were recovered from six (6) of the wells and analyzed for PBCs and SVOCs. The results of the LNAPL sampling are provided in Table 3. One well (MW-102B) did not contain sufficient volume of LNAPL after redeveloped to collect a sample and one well (MW-803A) was dry (no water or LNAPL) after redevelopment.

Groundwater from the remaining thirty (30) monitoring wells, except for the two wells noted below, were sampled for Metals, Pesticides/Herbicides, PCBs, SVOCs, and VOCs. Twelve (12) of the monitoring wells (MW-102, CP-2, CP-2A, MW-405, MW-1A, MW-801A, MW-812A, MW-813A, MW-1B, CP-31A, CP-21B, and MW-5B) were also sampled for the emerging contaminants PFAS/PFOA and 1,4-Dioxane. Monitoring wells MW-807 and CP-1 did not recharge sufficiently to collect enough groundwater volume for the planned analyses. The results of the groundwater sampling are provided in Table 4.

Groundwater samples were collected following low-flow procedures using a peristaltic pump and dedicated tubing. Field parameters (pH, temperature, conductivity, turbidity, dissolved oxygen, and oxidation-reduction potential) were monitored during the purge process and recorded on field forms (Appendix D). If present, LNAPL was sampled using a disposal polyethylene bailer.

3.3.1 Survey

Location data from the historical investigations conducted on the property have traditionally been referenced to an unknown site-specific reference point and the GM/BSA datum. Reference documents reviewed by Inventum denote a finished floor elevation of the main manufacturing building of 68 feet (GM datum) which corresponded to 643.45 ft AMSL (CRA 2006); however, given the limited relief at the site a topographic survey has not been conducted.

Inventum contracted a survey of all the accessible monitoring wells and prominent site features in March 2020. The survey was conducted by a surveyor licensed in the state of New York consistent with standard technical practices. All horizontal locations were referenced the North American Datum of 1983 and the New York State Plan system. Vertical elevations were referenced to the North American Vertical Datum of 1988 and reported in feet above mean seal level (ft AMSL). This updated survey will be incorporated into the BCP RIR.

The ground surface and top of casing reference points for monitoring wells in the BCP Site network (Table 1) are referenced from the March 2020 survey as are the groundwater elevation maps (Figures 7 through 9).

[2] Inventum believes several of these wells could not be located due to weather conditions and Inventum will continue to attempt to locate these during the RI as seasonal conditions allow.

4 BCP Site Conditions

The results of the PSI are summarized in the sections below and have been used to develop a current profile of constituents of concern (COCs) in environmental media at the BCP Site. The results presented herein are further expanded upon in the June 22, 2020 RIWP within the context and framework of the results and conclusions of other historical investigations in order to develop an assessment of the mobility, or lack thereof, of COCs over time.

4.1 Soils

Surficial soils (0 to 1 feet bgs) were sampled during the baseline investigation in lawn/green scape areas in order to provide characterization of those soil covered areas of the BCP Site (Figure 4; Table 2). The remainder of the property is covered with buildings or concrete slabs. Benzo(a)pyrene was the only constituent detected at a concentration above the respective NYSDEC 6NYCRR Part 375 Commercial or Industrial Soil Cleanup Objective (SCO). The 0 to 2-inch samples collected at SS-3 (4,300 µg/kg) and SS-9 (1,100 µg/kg) contained benzo(a)pyrene at or above the Industrial SCO of 1,100 µg/kg as did the sample from 2 to 12 inches at SS-9 (1,500 µg/kg). The sample from 2 to 12 inches at SS-8 (1,000 µg/kg) contained benzo(a)pyrene at the Commercial SCO of 1,000 µg/kg.

Each of the samples collected from 2 to 12 inches bgs at each of the surficial soil sampling locations were submitted for the analysis of Per- and Polyfluoroalkyl Substances (PFAS) and 1,4-Dioxane (Table 2a). The maximum concentrations of PFOS (2.4 µg/kg) and PFOA (0.72 µg/kg) were detected in the sample from SS-12 (Figure 4). There are no Commercial or Industrial Use SCOs for PFAS; however, the July 2018 U.S. Environmental Protection Agency (USEPA) Human Health Soil Screening Levels[3] were 1,260 µg/kg for both PFOA and PFOS. 1,4-Dioxane was not detected in any sample.

4.2 LNAPL

LNAPL was found to be present in two areas of the BCP Site. Four monitoring wells in the former machining area (MW-805A, CP-3B, MW-402R, MW-102B) and the four monitoring wells in the former powerhouse area (MW-4B, MW-802A, MW-404, and MW-803A) contained measurable quantities of LNAPL (Table 3; Figure 5). Monitoring wells MW-402R and MW-805 A _(machining area) and MW-404 and MW-802A (powerhouse area) were screened in clay and monitoring wells CP-3B_(machining area) and MW-4B (powerhouse area) were screened in the bedrock. The age and viscosity of the LNAPL (described as a thick maple syrup consistency) significantly limits mobility.

Pre- (November 2019) and post-redevelopment (January 2020) thicknesses (Table 3) were similar in all but two monitoring wells which can be attributed to both the saturation of the sand pack over the 10-year accumulation period and the difficulty to remove LNAPL with the observed viscosity[4] from the well during redevelopment.

LNAPL samples from each of the eight (8) monitoring wells were submitted for laboratory analysis of PCBs and SVOCs. PCB-1248 was the primary congener detected with a maximum of 21 milligrams per kilogram(mg/kg) and an average concentration of 16 mg/kg (Table 3). Concentrations of benzo(a)pyrene, benzo(g,h,i)perylene, chrysene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene were detected in the LNAPL samples.

[3] Accessed at: https://pfas-1.itrcweb.org/wp-content/uploads/2018/08/ITRCPFASFactSheetSect4TablesJuly18.xlsx
[4] The same characteristic that limits mobility makes it difficult to remove the material from the well sand pack.

LNAPL in both the former machining area and former powerhouse area does not appear to be present in the fill unit, which is consistent with the historical interpretation in the GM/AAM RI's. The detected LNAPL was present in the clay and bedrock in the vicinity of the 5x9 Sewer in both former operational areas.

LNAPL in the powerhouse area is confined to the clay unit in the vicinity of the 5x9 Sewer (MW-803A, MW-404, and MW-802A) and in a single bedrock monitoring well (MW-4B) in the vicinity of the former scrap metal pits (Figure 3). Following the GM abandonment of their obligations under the 2006 Order, EDP discovered a pit that had been covered by scrap metal that contained LNAPL in the former powerhouse area. EDP removed the metal, LNAPL, and water, and cleaned the pit, eliminating a potential secondary source in this area (Figure 3).

4.3 Groundwater

The results of groundwater samples collected during the PSI are presented in Table 4 and Figures 6a and 6b.

4.3.1 Metals

Several metals were detected in groundwater samples collected during the PSI (Table 4); however, only arsenic, barium, lead, and selenium were detected above applicable New York State Class GA Ambient Water Quality Standards and Guidance Values. Furthermore, in most instances the detections were only slightly above the applicable standards:

- Arsenic was detected at a maximum concentration of 0.031 milligrams per liter (mg/L) compared to the standard of 0.025 mg/L in the sample from MW-807;
- Barium was detected at a maximum concentration of 2 mg/L compared to the standard of 1 mg/L in sample from MW-4;
- Lead was detected at a maximum concentration of 0.36 mg/L compared to the standard of 0.025 mg/L in sample MW-4;
- Selenium was detected at an estimated concentration of 0.017J[5] mg/L compared to the standard of 0.01 mg/L in sample from MW-809A.

4.3.2 Pesticides/Herbicides

Several pesticides were detected during the PSI (Table 4). Only dieldrin and heptachlor epoxide were detected in the groundwater sample from MW-807 (Fill; Former Machining Area) and only at estimated concentrations just above the applicable Class GA standard (Dieldrin – 0.03J micrograms per liter [µg/L] vs. 0.004 µg/L standard; Heptachlor epoxide – 0.04J µg/L vs. 0.03 µg/L standard).

4.3.3 PCBs

Samples from only two monitoring wells CP-31A and CP-32A, both within the clay unit on the 250 Colorado Street Site perimeter (well within the boundaries of the BCP Site), contained detectable concentrations of PCBs in groundwater samples during the PSI (Table 4). The sample from CP-31A contained PCB-1248 at an estimated concentration of 0.18J µg/L (at the detection limit) and the sample from CP-32A contained PCB-1248 at 0.76 µg/L above the Class GA standard of 0.09 µg/L.

[5] The "J" qualifier means the detection was estimated by the laboratory as it was present, but at a concentration lower than the instruments can definitively quantify.

4.3.4 SVOCs

Several SVOCs were detected in groundwater samples collected during PSI (Table 4); however, only chrysene, indeno(1,2,3-cd) pyrene, nitrobenzene, and pentachlorophenol were detected at concentrations above the applicable standard or guidance value.

4.3.5 VOCs

VOCs were predominantly non-detect in samples collected during the PSI (Table 4). Acetone (MW-807, CP-1, CP-31A, and MW-5B), Chloroethane (CP-31A), Chloroform (MW-807A), Methylene Chloride (CP-29), and Trichloroethene (CP-31 and CP-32) were present at estimated or detectable concentrations. Only Acetone in fill wells MW-807 (700 µg/L) and CP-1 (51J µg/L) in the former machining area was detected above the applicable guidance value of 50 µg/L.

4.3.6 Emerging Contaminants

Twelve (12) of the groundwater samples collected during the preliminary scoping investigation were submitted for analysis of PFAS and 1,4-Dioxane (Table 5). There are no New York State promulgated regulatory standards for these compounds for sites in either the BCP or IHW program. The NYSDEC's January 2020 document titled *Guidelines for Sampling and Analysis of PFAS Under NYSDECs Part 375 Remedial Programs* establishes screening values of 10 nanograms per liter (ng/L) for PFOA and PFOS, 100 ng/L for all other PFAS compounds, and total concentrations of PFAS (including PFOA and PFOS) of 500 ng/L. The maximum concentration of PFOS (28 ng/L) was detected in a sample from one clay unit well CP-31A in the 250 Colorado Street Site perimeter. None of the other samples contained PFOS above the 10 ng/L screening criteria. The maximum concentration of PFOA (13 ng/L) was detected in samples from one clay well MW-813A in the former powerhouse area. None of the other samples contained PFOA above the 10 ng/L screening criteria. No samples contained other PFAS compounds above the 100 ng/L screening criteria and the sum of all PFAS compounds (including PFOS and PFOA) was below 500 ng/L in all samples.

Only samples from CP-21 (clay well; former machining area) and MW-5B (bedrock; 250 Colorado Street Site perimeter) contained detectable levels of 1,4-Dioxane at 0.4 µg/L and 0.5 µg/L, respectively. There are no New York State regulatory standards for 1,4-Dioxane in groundwater; however, both detections are below the 1 ug/L screening value.

4.4 Groundwater Flow

Groundwater elevation surface maps for the fill, clay, and bedrock layers are shown in Figures 7 through 9 based on groundwater level measurements collected during the PSI. Historically, a corrected fluid surface elevation was calculated for those wells where LNAPL was present in measurable quantity and used as the potentiometric surface elevation. This calculation used an assumed specific gravity of oil (0.87) based on an American Petroleum Institute guidance document[6]. Inventum elected to remove those wells that contained LNAPL during the mapping for the preliminary scoping investigation from the evaluation shown in Figures 7 through 9 given the age of the LNAPL and uncertainty of the assumed density.

Groundwater flow in the fill, clay, and bedrock layers is consistent with past historical interpretation. The 5x9 Sewer appears to have some level of influence on groundwater flow within the fill (Figure 7) and clay units (Figure 8). There is a hydraulic gradient toward the sewer from both directions in the clay unit.

[6] API Interactive LNAPL Guide, v. 2.0, American Petroleum Institute, August 2004. As referenced in the November 2006 RIR.

There is less of a gradient in the fill unit which may be due in part to the high levels of precipitation in the days and weeks preceding the water level measurements.

Historically, groundwater flow in the bedrock is described as west to east; however, the trend is more readily described as northwest to southeast based on the level measurements during the PSI (Figure 9). The interpreted groundwater flow direction can likely be attributed to the number and spatial arrangement of the monitoring wells included in the historical references vs. more recent data collection. Data on the influence of the remedial action on the 250 Colorado Street Site on groundwater flow was not available for the preparation of this PSI Report.

5 Bibliography

Blasland, Bouck & Lee, Inc. March 2001. Letter to Mr. Salvatore Calandra. NYSDEC. Re: Spill File No. 9400483.

Conestoga-Rovers & Associates. May 2003. Additional Field Investigation Report. Definition of Extent and Source of Oil Plume. Former GM-Saginaw Division Buffalo Plan. NYSDEC Spill No. 9400483.

Conestoga-Rovers & Associates. November 2006. Remedial Investigation Report. American Axle Plant. NYSDEC Site No. 915196.

Conestoga-Rovers & Associates. January 2008. Supplemental Remedial Investigation Work Plan. American Axle Plant Site. NYSDEC Site No. 915196

Conestoga-Rovers & Associates. June 2009. Remedial Investigation Report Addendum (marked DRAFT). American Axle Plan. NYSDEC Site No. 915196.

Inventum Engineering, P.C. March 2020. Interim Remedial Measure Work Plan Fuel Oil Underground Storage Tank Removal. DRAFT. Brownfield Cleanup Program Site #C915196B. 1001 East Delavan Avenue. Buffalo, New York

Inventum Engineering, P.C. June 2020. Remedial Investigation Work Plan. DRAFT. Brownfield Cleanup Program Site #C915196B. 1001 East Delavan Avenue. Buffalo, New York

NYSDEC. May 2019. Technical Guidance for Site Investigation and Remediation.

NYSDEC. January 2020. Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs

Tables

Table 1
Preliminary Scoping Investigation
1001 East Delavan Ave
BCP Site #C915196B
BCP Site Monitoring Well Network
Baseline Inspection Summary

Monitoring Wells	Primary Unit Monitored	Ground Surface Elev. (ft. AMSL) [a]	Top of Riser Elevation (ft. AMSL) [a]	Reported Borehole Depth	Stick-up (SU) or Flush-mount (FM)	Exterior Inspection						Interior Inspection											Comments (c)
						Protective Casing	Lock	Hinge/Lid	Concrete Surface Seal	Bollards	Label/I.D.	Well Riser	Well Diameter (inches)	Well Material	Annular Space	Well Cap/Cover	Water Level (fbTOR)	Water Level (approximate ft AMSL) [b]	LNAPL evel (fbTOR)	LNAPL Level (approximate ft AMSL) [b]	Total Depth (fbTOR)	Total Depth (approximate ft AMSL) [b]	
FORMER MACHINING AREA																							
Fill																							
MW-102	Fill	643.02	643.03	13.5	FM	poor	poor	poor	good	NA	yes	good	2.0	PVC	poor	J-plug	4.67	638.36	NA	NA	12.89	630.14	*needs lock and new roadbox, water-filled annulus.*
MW-403	Fill	642.70	642.79	7.0	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	poor	poor	NA	NA	NA	NA	NA	NA	*needs to be flushed or replaced, obstruction at 0.8 fbTOR, water-filled annulus*
MW-807	Fill	643.11	643.12	7.0	FM	good	poor	good	good	NA	yes	good	4.0	PVC	good	J-plug	5.18	637.94	NA	NA	6.65	636.47	*needs lock*
CP-1	Fill	643.05	642.98	8.0	FM	poor	poor	poor	good	NA	yes	good	2.0	PVC	good	J-plug	4.05	638.93	NA	NA	6.45	636.53	*needs lock and new roadbox*
CP-2	Fill	642.79	642.81	8.5	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	poor	poor	3.48	639.33	NA	NA	7.95	634.86	*needs lock, new roadbox, J-plug, debris-filled annulus*
Clay																							
CP-2A	Clay	642.79	643.01	15.3	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	poor	poor	6.31	636.70	NA	NA	14.98	628.03	*needs lock, new roadbox, J-plug, debris-filled annulus*
MW-6A	Clay	642.09	642.09	8.8	FM	good	poor	good	good	NA	yes	good	2.0	PVC	good	J-plug	5.30	636.79	NA	NA	8.50	633.59	*needs lock*
MW-106 (b)	Clay	66.76	642.21	11.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	*COULD NOT LOCATE NOV/DEC 2019. Re-ATTEMPTED JAN 2020*
MW-107R	Clay	640.87	640.92	12.6	FM	good	poor	good	good	NA	yes	good	2.0	PVC	good	J-plug	2.42	638.50	NA	NA	12.15	628.77	*needs lock*
MW-402R	Clay	642.74	642.58	13.8	FM	good	poor	poor	good	NA	no	good	2.0	PVC	poor	J-plug	12.30	630.28	7.62	634.96	13.48	629.10	*needs lock, roadbox cover, water-filled annulus, no label*
MW-805A	Clay	642.80	642.84	14.9	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	good	J-plug	11.25	631.59	9.65	633.19	14.49	628.35	*needs lock and bolts for roadbox cover*
Bedrock																							
CP-1B	Bedrock	642.84	642.81	17.4	FM	good	poor	good	good	NA	yes	good	4.0	steel	poor	poor	NR	NR	NR	NR	NR	NR	*needs to be flushed or replaced, obstruction at 0.5 fbTOR, debris-filled annulus*
CP-3B	Bedrock	642.73	642.64	19.0	FM	good	poor	poor	good	NA	yes	good	4.0	steel	poor	poor	14.55	628.09	7.91	634.73	16.35	626.29	*needs lock, new roadbox, J-plug, debris-filled annulus*
MW-6B	Bedrock	642.15	642.16	20.6	FM	good	poor	poor	good	NA	yes	good	4.0	PVC	good	J-plug	5.20	636.96	NA	NA	10.22	631.94	*needs lock and bolts for roadbox cover*
MW-102B	Bedrock	643.06	643.02	21.1	FM	poor	poor	poor	good	NA	yes	good	4.0	steel	good	J-plug	10.85	632.17	9.82	633.20	21.02	622.00	*needs lock and new roadbox*
MW-205B (b)	Bedrock	UNK	UNK	25.0	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	*COULD NOT LOCATE NOV/DEC 2019. Re-ATTEMPTED JAN 2020*
MW-806B (b)	Bedrock	67.56	643.01	27.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	*COULD NOT LOCATE NOV/DEC 2019. Re-ATTEMPTED JAN 2020*
POWER HOUSE AREA																							
Fill																							
MW-3	Fill	641.95	645.41	10.5	SU	good	good	good	good	good	yes	good	4.0	PVC	good	poor	10.57	634.84	NA	NA	13.20	632.21	*replaced lock, needs J-plug*
MW-4	Fill	640.55	640.54	11.0	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	good	J-plug	1.18	639.36	NA	NA	10.52	630.02	*needs lock and bolts for roadbox cover*
MW-405	Fill	641.07	641.07	7.0	FM	poor	poor	poor	good	NA	yes	good	2.0	PVC	good	J-plug	2.58	638.49	NA	NA	6.49	634.58	*needs lock and new roadbox*
Clay																							
MW-1A	Clay	638.86	638.84	16.1	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	good	J-plug	5.58	633.26	NA	NA	15.10	623.74	*needs lock and bolts for roadbox cover*
MW-2A	Clay	636.96	637.02	13.1	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	poor	J-plug	8.55	628.47	NA	NA	12.35	624.67	*needs lock and bolts for roadbox cover, water-filled annulus*
MW-3A (b)	Clay	65.91	641.36	20.7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	*COULD NOT LOCATE NOV/DEC 2019. Re-ATTEMPTED JAN 2020*
MW-4A	Clay	640.51	640.48	17.2	FM	good	poor	poor	good	NA	yes	poor	2.0	PVC	good	J-plug	13.50	626.98	NA	NA	17.14	623.34	*needs lock, bolts for roadbox cover, and riser repair*
MW-404	Clay	641.10	641.14	16.5	FM	poor	poor	poor	good	NA	yes	good	2.0	PVC	good	J-plug	15.35	625.79	13.90	627.24	16.40	624.74	*needs lock and new roadbox*
MW-801A	Clay	640.77	641.74	18.7	FM	good	poor	good	good	NA	yes	good	2.0	PVC	good	J-plug	6.51	635.23	NA	NA	18.12	623.62	*needs lock*
MW-802A	Clay	641.20	641.21	18.6	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	good	J-plug	15.33	625.88	14.21	627.00	16.32	624.89	*needs lock and bolts for roadbox cover*
MW-803A	Clay	641.10	641.10	16.1	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	good	J-plug	none	none	13.85	627.25	13.95	627.15	*needs lock and bolts for roadbox cover*
MW-804A	Clay	641.83	641.82	17.7	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	good	J-plug	13.43	628.39	NA	NA	17.16	624.66	*needs lock and bolts for roadbox cover*
MW-809A	Clay	640.62	640.65	17.0	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	good	J-plug	4.98	635.67	NA	NA	16.09	624.56	*needs lock and roadbox lid/bolts*
MW-810A	Clay	640.77	640.75	17.1	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	good	J-plug	4.58	636.17	NA	NA	16.35	624.40	*needs lock and roadbox lid/bolts*
MW-811A	Clay	640.92	640.94	16.4	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	good	J-plug	11.18	629.76	NA	NA	15.51	625.43	*needs lock and bolts for roadbox cover*
MW-812A	Clay	640.82	640.85	19.3	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	good	J-plug	11.96	628.89	NA	NA	18.63	622.22	*needs lock and bolts for roadbox cover*
MW-813A	Clay	636.77	636.78	13.5	FM	good	poor	good	good	NA	yes	good	2.0	PVC	good	J-plug	8.32	628.46	NA	NA	12.84	623.94	*needs lock*

Table 1
Preliminary Scoping Investigation
1001 East Delavan Ave
BCP Site #C915196B
BCP Site Monitoring Well Network
Baseline Inspection Summary

Monitoring Wells	Primary Unit Monitored	Ground Surface Elev. (ft. AMSL) [a]	Top of Riser Elevation (ft. AMSL) [a]	Reported Borehole Depth	Stick-up (SU) or Flush-mount (FM)	Exterior Inspection						Interior Inspection											Comments (c)
						Protective Casing	Lock	Hinge/Lid	Concrete Surface Seal	Bollards	Label/I.D.	Well Riser	Well Diameter (inches)	Well Material	Annular Space	Well Cap/Cover	Water Level (fbTOR)	Water Level (approximate ft AMSL) [b]	LNAPL evel (fbTOR)	LNAPL Level (approximate ft AMSL) [b]	Total Depth (fbTOR)	Total Depth (approximate ft AMSL) [b]	
Bedrock																							
MW-1B	Bedrock	638.81	638.82	22.8	FM	good	poor	poor	good	NA	yes	good	4.0	steel	good	poor	13.37	625.45	NA	NA	17.51	621.31	*needs lock, bolts for roadbox, and J-plug*
MW-2B (b)	Bedrock	61.92	637.37	32.9													NR	NR	NR	NR	NR	NR	*COULD NOT LOCATE NOV/DEC 2019. Re-ATTEMPTED JAN 2020*
MW-4B	Bedrock	640.60	640.57	23.5	FM	good	poor	poor	good	NA	yes	good	4.0	PVC	poor	J-plug	15.10	625.47	10.71	629.86	22.52	618.05	*needs lock and bolts for roadbox cover, water-filled annulus*
250 COLORADO STREET SITE PERIMETER																							
Fill																							
CP-31	Fill	643.03	643.03	9.8	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	poor	J-plug	5.80	637.23	NA	NA	9.42	633.61	*needs lock, bolts for roadbox, water-filled annulus*
CP-32 (b)	Fill	67.45	642.90	9.0	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	poor	J-plug	6.25	636.65	NA	NA	8.75	634.15	*needs lock, roadbox lid/bolts, debris-filled annulus*
MW-204	Fill	641.95	641.93	11.0	FM	good	poor	poor	good	NA	yes	poor	2.0	PVC	poor	J-plug	4.05	637.88	NA	NA	10.57	631.36	*needs lock, roadbox lid/bolts, straighten riser, water-filled annulus*
MW-300 (b)	Fill	67.45	642.90	6.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	*COULD NOT LOCATE NOV/DEC 2019. Re-ATTEMPTED JAN 2020*
CP-29	Fill	642.76	642.78	8.0	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	poor	poor	3.45	639.33	NA	NA	7.62	635.16	*needs lock, roadbox lid/bolts, and J-plug, debris-filled annulus*
MW-409R (b)	Fill	64.37	639.82	7.0	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	*COULD NOT LOCATE NOV/DEC 2019. Re-ATTEMPTED JAN 2020*
Clay																							
CP-31A	Clay	643.04	643.03	17.2	FM	good	poor	poor	good	NA	yes	good	2.0	PVC	good	J-plug	10.43	632.60	NA	NA	17.73	625.30	*needs lock and bolts for roadbox cover*
MW-300A (b)	Clay	67.55	643.00	19.6	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	*COULD NOT LOCATE NOV/DEC 2019. Re-ATTEMPTED JAN 2020*
MW-408R (b)	Clay	64.36	639.81	12.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	*COULD NOT LOCATE NOV/DEC 2019. Re-ATTEMPTED JAN 2020*
CP-32A (b)	Clay	67.60	643.05	17.4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	*COULD NOT LOCATE NOV/DEC 2019. Re-ATTEMPT JAN 2020*
Bedrock																							
MW-409B (b)	Bedrock	64.27	639.72	24.9	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	*COULD NOT LOCATE NOV/DEC 2019. Re-ATTEMPTED JAN 2020*
CP-21B	Bedrock	642.75	642.73	25.9	FM	good	poor	poor	good	NA	yes	good	4.0	steel	poor	poor	6.94	635.79	NA	NA	19.19	623.54	*needs lock, roadbox lid/bolts, J-plug, debris-filled annulus*
MW-5B	Bedrock	642.52	642.52	24.5	FM	good	poor	poor	good	NA	yes	good	4.0	PVC	poor	J-plug	5.71	636.81	NA	NA	19.31	623.21	*needs lock and bolts for roadbox cover, debris-filled annulus*

Color Code:

poor	= observed condition was not acceptable; corrective action required
good or good	= observed condition was acceptable; no further action required
	= monitoring well location could not be located for the reason stated
	= monitoring well needs to be flushed or replaced in order to be considered functional
	= light aqueous phase liquid (LNAPL) was identified and measured within this monitoring well; depth to product is shown

a/ Elevation data (ft. Above Mean Sea Level) from March 2020 survey of existing wells and other features condcuted by Niagara Boundary.

b/ Surveyor could not located well. Well (or replacement) will be resurveyed during the RI. Approximate elevation shown from BSA/GM datum Top of Riser Elevation from *Remedial Investigation Report Addendum. Conestoga-Rovers & Associates. 2009* . Conversion to ft. AMSL by adding 575.45. Conversion factor from *Section 2.3.1.2 Local. Additional Field Investigation Report. Definition of Extent and Source of Oil Plume* . Conestoga-Rovers & Associates. May 2003. Ref. No. 12635-03 (2)

c/Well inspection conducted during the Preliminary Scoping Investigation noted several wells with deficiencies. Corrective measure repairs for these deficiencies will be proposed and addressed in a Monitoring Well Repair Interim Remedial Measure Work Plan (submitted under separate cover.)

Table 2
East Delavan Property (BCP Site #C915196B)
Preliminary Scoping
Shallow Soil Sampling Results
All Analytes

Analytes	NYSDEC 6NYCRR Part 375 SCOs (b)		SS-1				SS-2				SS-3				SS-4				SS-5				SS-6			
			SS-1-A		SS-1-B		SS-2-A		SS-2-B		SS-3-A		SS-3-B		SS-4-A		SS-4-B		SS-5-A		SS-5-B		SS-6-A		SS-6-B	
	Commercial	Industrial	(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")	
Metals (mg/kg)																										
ARSENIC	16	16	5.2		5.4		5.2		5.3		4.9		3.9		2.7		2.7		4.3		6.7		2.8		4.3	
BARIUM	400	10,000	125	T	113		137		133		100		92.2		19.9		11.8		58.3		81.3		47.2		75.1	
CADMIUM	9	60	0.33		0.49		0.5		0.53		0.46		0.41		0.39		0.066	J	0.25	J	0.36		0.21	J	0.33	
CHROMIUM, TOTAL	400	800	25.1		24.2		21.5		21.9		25.2		20.7		9.7		4.6		14.3		16.5		11.8		14.2	
LEAD	1,000	3,900	83.4	T	152		227		228		151		109		57.2		18.1		34.7		98		22.8		69.2	
SELENIUM	1,500	6,800	1.3	J	5.9	U	0.7	J	0.76	J	5.5	U	0.6	J	4.6	U	4.2	U	5.1	U	0.57	J	4.5	U	0.53	J
SILVER	1500	6800	0.72	U	0.89	U	0.89	U	0.76	U	0.83	U	0.67	U	0.7	U	0.63	U	0.77	U	0.71	U	0.67	U	0.67	U
MERCURY	2.8	5.7	0.15		0.16		0.093		0.094		0.1		0.054		0.021	J	0.02		0.052		0.063		0.036		0.048	
Pesticides (µg/kg)																										
ALDRIN	680	1,400	9.5	U	12	U	12	U	110	U	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	340	680	9.5	U	12	U	12	U	110	UT	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
ALPHA CHLORDANE	24,000	47,000	9.5	U	12	U	12	U	110	U	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
ALPHA ENDOSULFAN	NE	NE	9.5	U	12	U	12	U	110	UT	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	3,000	14,000	9.5	U	12	U	12	U	110	UT	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
BETA ENDOSULFAN	NE	NE	9.5	U	12	U	12	U	110	UT	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	500,000	1,000,000	9.5	U	12	U	12	U	110	UT	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
DIELDRIN	1,400	2,800	9.5	U	12	U	12	U	110	U	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
ENDOSULFAN SULFATE	200,000	920,000	9.5	U	12	U	12	U	110	UT	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
ENDRIN	89,000	410,000	9.5	U	12	U	12	U	110	UT	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
ENDRIN ALDEHYDE	NE	NE	9.5	U	12	U	12	U	110	U	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
ENDRIN KETONE	NE	NE	9.5	U	12	U	12	U	110	U	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
GAMMA BHC (LINDANE)	9,200	23,000	9.5	U	12	U	12	U	110	UT	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
HEPTACHLOR	15,000	29,000	9.5	U	12	U	12	U	110	U	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
HEPTACHLOR EPOXIDE	15,000	29,000	9.5	U	12	U	12	U	110	U	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
METHOXYCHLOR	NE	NE	9.5	U	12	U	12	U	110	U	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
P,P'-DDD	NE	NE	9.5	U	12	U	12	U	110	UT	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
P,P'-DDE	62,000	12,000	9.5	U	12	U	12	U	110	U	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
P,P'-DDT	47,000	94,000	2.2	J	12	U	12	U	110	U	6	J	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
TOXAPHENE	NE	NE	95	U	120	U	120	U	1100	U	240	U	95	U	93	U	88	U	100	U	97	U	18	U	94	U
trans-Chlordane	NE	NE	9.5	U	12	U	12	U	110	U	24	U	9.5	U	9.3	U	8.8	U	10	U	9.7	U	1.8	U	9.4	U
PCBs (mg/kg)																										
PCB-1016 (AROCLOR 1016)	1	25	0.21	U	0.31	U	0.3	U	0.23	U	0.3	U	0.24	U	0.25	U	0.21	U	0.25	U	0.21	U	0.25	U	0.27	U
PCB-1221 (AROCLOR 1221)	1	25	0.21	U	0.31	U	0.3	U	0.23	U	0.3	U	0.24	U	0.25	U	0.21	U	0.25	U	0.21	U	0.25	U	0.27	U
PCB-1232 (AROCLOR 1232)	1	25	0.21	U	0.31	U	0.3	U	0.23	U	0.3	U	0.24	U	0.25	U	0.21	U	0.25	U	0.21	U	0.25	U	0.27	U
PCB-1242 (AROCLOR 1242)	1	25	0.21	U	0.31	U	0.3	U	0.23	U	0.3	U	0.24	U	0.25	U	0.21	U	0.25	U	0.21	U	0.25	U	0.27	U
PCB-1248 (AROCLOR 1248)	1	25	0.21	U	0.31	U	0.3	U	0.23	U	0.3	U	0.24	U	0.25	U	0.21	U	0.25	U	0.21	U	0.25	U	0.27	U
PCB-1254 (AROCLOR 1254)	1	25	0.21	U	0.31	U	0.3	U	0.12	J	0.3	U	0.24	U	0.25	U	0.21	U	0.25	U	0.11	J	0.25	U	0.27	U
PCB-1260 (AROCLOR 1260)	1	25	0.21	U	0.31	U	0.3	U	0.23	U	0.3	U	0.24	U	0.25	U	0.21	U	0.25	U	0.21	U	0.25	U	0.27	U

Table 2
East Delavan Property (BCP Site #C915196B)
Preliminary Scoping
Shallow Soil Sampling Results
All Analytes

Analytes	NYSDEC 6NYCRR Part 375 SCOs (b)		SS-1				SS-2				SS-3				SS-4				SS-5				SS-6			
			SS-1-A		SS-1-B		SS-2-A		SS-2-B		SS-3-A		SS-3-B		SS-4-A		SS-4-B		SS-5-A		SS-5-B		SS-6-A		SS-6-B	
	Commercial	Industrial	(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")	
Herbicides (µg/kg)																										
2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	NE	NE	19	U	24	U	24	U	21	U	24	U	19	U	19	U	18	U	20	U	19	U	18	U	19	U
2,4-D (DICHLOROPHENOXYACETIC ACID)	NE	NE	19	U	24	U	24	U	21	U	24	U	19	U	19	U	18	U	20	U	19	U	18	U	19	U
SILVEX (2,4,5-TP)	500,000	1,000,000	19	U	24	U	24	U	21	U	24	U	19	U	19	U	18	U	20	U	19	U	18	U	19	U
SVOCs (µg/kg)																										
1,4-DIOXANE (P-DIOXANE)	NE	NE	110	U	140	U	140	U	640	U	720	U	120	U	560	U	110	U	120	U	120	U	110	U	110	U
2,4,5-TRICHLOROPHENOL	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
2,4,6-TRICHLOROPHENOL	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
2,4-DICHLOROPHENOL	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
2,4-DIMETHYLPHENOL	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
2,4-DINITROPHENOL	NE	NE	1900	U	2300	U	2300	U	11000	U	12000	U	1900	U	9200	U	1800	U	2000	U	1900	U	1800	U	1800	U
2,4-DINITROTOLUENE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
2,6-DINITROTOLUENE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
2-CHLORONAPHTHALENE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
2-CHLOROPHENOL	NE	NE	370	U	460	U	460	U	2100	U	2400	U	380	U	1800	U	350	U	400	U	380	U	360	U	370	U
2-Methylnaphthalene	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
2-Methylphenol (O-Cresol)	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
2-NITROANILINE	NE	NE	370	U	460	U	460	U	2100	U	2400	U	380	U	1800	U	350	U	400	U	380	U	360	U	370	U
2-NITROPHENOL	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
3,3'-DICHLOROBENZIDINE	NE	NE	370	U	460	U	460	U	2100	U	2400	U	380	U	1800	U	350	U	400	U	380	U	360	U	370	U
3-NITROANILINE	NE	NE	370	U	460	U	460	U	2100	U	2400	U	380	U	1800	U	350	U	400	U	380	U	360	U	370	U
4,6-DINITRO-2-METHYLPHENOL	NE	NE	370	U	460	U	460	U	2100	U	2400	U	380	U	1800	U	350	U	400	U	380	U	360	U	370	U
4-BROMOPHENYL PHENYL ETHER	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
4-CHLORO-3-METHYLPHENOL	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
4-CHLOROANILINE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
4-CHLOROPHENYL PHENYL ETHER	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
4-METHYLPHENOL (P-CRESOL)	500,000	1,000,000	370	U	460	U	48	J	2100	U	2400	U	380	U	1800	U	350	U	400	U	380	U	360	U	370	U
4-NITROANILINE	NE	NE	370	U	460	U	460	U	2100	U	2400	U	380	U	1800	U	350	U	400	U	380	U	360	U	370	U
4-NITROPHENOL	NE	NE	370	U	460	U	460	U	2100	U	2400	U	380	U	1800	U	350	U	400	U	380	U	360	U	370	U
ACENAPHTHENE	500,000	1,000,000	30	J	83	J	240	U	1100	U	230	J	200	U	950	U	180	U	210	U	56	J	190	U	190	U
ACENAPHTHYLENE	500,000	1,000,000	190	U	240	U	63	J	1100	U	1200	U	38	J	950	U	180	U	210	U	200	U	190	U	190	U
ACETOPHENONE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
ANTHRACENE	500,000	1,000,000	75	J	140	J	100	J	1100	U	610	J	110	J	950	U	180	U	67	J	180	J	190	U	190	U
ATRAZINE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
BENZALDEHYDE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
BENZO(A)ANTHRACENE	5,600	11,000	270		530		590		800	J	3500		470		890	J	130	J	330		490		42	J	130	J
BENZO(A)PYRENE	1,000	1,100	250		470		560		730	J	4300		490		960		120	J	310		510		47	J	150	J
BENZO(B)FLUORANTHENE	5,600	11,000	310		540		910		890	J	5400		660		1200		180		390		550		66	J	210	
BENZO(G,H,I)PERYLENE	500,000	1,000,000	150	J	330		430		570	J	2800		350		780	J	99	J	220		420		45	J	140	J
BENZO(K)FLUORANTHENE	56,000	110,000	130	J	300		240	U	450	J	2000		230		670	J	70	J	130	J	320		29	J	76	J
BENZYL BUTYL PHTHALATE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
BIPHENYL (DIPHENYL)	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
BIS(2-CHLOROETHOXY) METHANE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
BIS(2-CHLOROISOPROPYL) ETHER	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
BIS(2-ETHYLHEXYL) PHTHALATE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
CAPROLACTAM	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
CARBAZOLE	NE	NE	34	J	70	J	57	J	1100	U	680	J	65	J	150	J	180	U	210	U	71	J	190	U	190	U
CHRYSENE	56,000	110,000	300		620		620		760	J	4100		610		1100		150	J	330		480		57	J	160	J
DIBENZ(A,H)ANTHRACENE	560	1,100	52	J	110	J	120	J	210	J	950	J	110	J	210	J	180	U	45	J	100	J	190	U	190	U
DIBENZOFURAN	NE	NE	190	U	37	J	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	41	J	190	U	190	U
DIETHYL PHTHALATE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
DIMETHYL PHTHALATE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
DI-N-BUTYL PHTHALATE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
DI-N-OCTYLPHTHALATE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
FLUORANTHENE	500,000	1,000,000	520		1000		1100		1300		8200		970		2100		250		590		940		79	J	170	J
FLUORENE	500,000	1,000,000	31	J	64	J	42	J	1100	U	230	J	38	J	950	U	180	U	210	U	70	J	190	U	190	U
HEXACHLOROBENZENE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
HEXACHLOROBUTADIENE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
HEXACHLOROCYCLOPENTADIENE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
HEXACHLOROETHANE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
INDENO(1,2,3-C,D)PYRENE	5,600	11,000	140	J	280		380		500	J	2700		320		700	J	82	J	190	J	320		38	J	110	J
ISOPHORONE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
NAPHTHALENE	500,000	1,000,000	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
NITROBENZENE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
N-NITROSODI-N-PROPYLAMINE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
N-NITROSODIPHENYLAMINE	NE	NE	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
PENTACHLOROPHENOL	6,700	55,000	370	U	460	U	460	U	2100	U	2400	U	380	U	1800	U	350	U	400	U	380	U	360	U	370	U
PHENANTHRENE	500,000	1,000,000	340		760		570		660	J	4300		560		950		130	J	290		730		190	U	93	J
PHENOL	500,000	1,000,000	190	U	240	U	240	U	1100	U	1200	U	200	U	950	U	180	U	210	U	200	U	190	U	190	U
PYRENE	500,000	1,000,000	500		1000		1000		1200		6600		860		1800		270		690		1000		95	J	190	

Table 2
East Delavan Property (BCP Site #C915196B)
Preliminary Scoping
Shallow Soil Sampling Results
All Analytes

Analytes	NYSDEC 6NYCRR Part 375 SCOs (b)		SS-1			SS-2			SS-3			SS-4			SS-5			SS-6		
			SS-1-A	SS-1-B		SS-2-A	SS-2-B		SS-3-A	SS-3-B		SS-4-A	SS-4-B		SS-5-A	SS-5-B		SS-6-A	SS-6-B	
	Commercial	Industrial	(0 to 2")	(2 to 12")		(0 to 2")	(2 to 12")		(0 to 2")	(2 to 12")		(0 to 2")	(2 to 12")		(0 to 2")	(2 to 12")		(0 to 2")	(2 to 12")	
VOCs (µg/kg)																				
1,1,1-TRICHLOROETHANE	500,000	1,000,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
1,1,2,2-TETRACHLOROETHANE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
1,1,2-TRICHLOROETHANE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
1,1-DICHLOROETHANE	240,000	480,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
1,1-DICHLOROETHENE	500,000	1,000,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
1,2,4-TRICHLOROBENZENE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
1,2-DICHLOROBENZENE	500,000	1,000,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
1,2-DICHLOROETHANE	30,000	60,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
1,2-DICHLOROPROPANE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
1,3-DICHLOROBENZENE	280,000	560,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
1,4-DICHLOROBENZENE	130,000	250,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
2-HEXANONE	NE	NE	NS	29	U	NS	25	U	NS	40	U	NS	20	U	NS	22	U	NS	20	U
ACETONE	500,000	1,000,000	NS	29	U	NS	25	U	NS	40	U	NS	4.9	J	NS	22	U	NS	20	U
BENZENE	44,000	89,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
BROMODICHLOROMETHANE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
BROMOFORM	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
BROMOMETHANE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
CARBON DISULFIDE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
CARBON TETRACHLORIDE	22,000	44,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
CHLOROBENZENE	500,000	1,000,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
CHLOROETHANE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
CHLOROFORM	350,000	700,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
CHLOROMETHANE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
CIS-1,2-DICHLOROETHYLENE	500,000	1,000,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
CIS-1,3-DICHLOROPROPENE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
CYCLOHEXANE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
DIBROMOCHLOROMETHANE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
DICHLORODIFLUOROMETHANE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
ETHYLBENZENE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
Isopropylbenzene (Cumene)	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
METHYL ACETATE	NE	NE	NS	29	U	NS	25	U	NS	40	U	NS	20	U	NS	22	U	NS	20	U
METHYL ETHYL KETONE (2-BUTANONE)	500,000	1,000,000	NS	29	U	NS	25	U	NS	40	U	NS	20	U	NS	22	U	NS	20	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE	NE	NS	29	U	NS	25	U	NS	40	U	NS	20	U	NS	22	U	NS	20	U
METHYLCYCLOHEXANE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
METHYLENE CHLORIDE	500,000	1,000,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.9		NS	4	J	NS	4.1	U
STYRENE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
TERT-BUTYL METHYL ETHER	500,000	1,000,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
TETRACHLOROETHYLENE(PCE)	150,000	300,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
TOLUENE	500,000	1,000,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
TRANS-1,2-DICHLOROETHENE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
TRANS-1,3-DICHLOROPROPENE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
TRICHLOROETHYLENE (TCE)	200,000	400,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
TRICHLOROFLUOROMETHANE	NE	NE	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
VINYL CHLORIDE	13,000	27,000	NS	5.7	U	NS	4.9	U	NS	8	U	NS	4.1	U	NS	4.4	U	NS	4.1	U
Xylenes	500,000	1,000,000	NS	11	U	NS	9.9	U	NS	16	U	NS	8.2	U	NS	8.8	U	NS	8.1	U

Table 2
East Delavan Property (BCP Site #C915196B)
Preliminary Scoping
Shallow Soil Sampling Results
All Analytes

Analytes	NYSDEC 6NYCRR Part 375 SCOs (b)		SS-7				SS-8				SS-9				SS-10				SS-11				SS-12				SS-13			
			SS-7-A		SS-7-B		SS-8-A		SS-8-B		SS-9-A		SS-9-B		SS-10-A		SS-10-B		SS-11-A		SS-11-B		SS-12-A		SS-12-B		SS-13-A		SS-13-B	
	Commercial	Industrial	(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")	
Metals (mg/kg)																														
ARSENIC	16	16	3.8		3.4		13.2		8.2		11		12		7.8		10.2		6.5		7.7		6.1		7.4		7.8		7.6	
BARIUM	400	10,000	42.3		75.2		165		117		95.6		96.3		105		225		116		145		110		119	T	123		124	
CADMIUM	9	60	0.49		0.3		0.65		1.4		0.68		0.78		0.77		1.1		0.83		1.1		0.87		1.3		0.88		0.94	
CHROMIUM, TOTAL	400	800	15.3		19.5		23.7		51.9		21.8		22.1		26.6		30.5		51.5		66.6		45.6		60.6	T	53.1		50.8	
LEAD	1,000	3,900	74.6		22.9		882		411		176		192		130		198		135		189		162		235		190		169	
SELENIUM	1,500	6,800	4.5	U	4.8	U	0.85	J	0.99	J	0.63	J	5.6	U	5.8	U	0.81	J	0.72	J	0.81	J	0.95	J	5.4	U	0.93	J	5.4	U
SILVER	1500	6800	0.67	U	0.73	U	0.73	U	0.28	J	0.74	U	0.84	U	0.87	U	0.91	U	0.87	U	0.89	U	0.8	U	0.81	U	0.75	U	0.81	U
MERCURY	2.8	5.7	0.016	J	0.065		0.19		0.4		0.14		0.17		0.12		0.19		0.18		0.24		0.14		0.19		0.16		0.2	
Pesticides (µg/kg)																														
ALDRIN	680	1,400	19	U	40	U	40	U	200	U	42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	340	680	19	U	40	U	40	U	200	U	42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
ALPHA CHLORDANE	24,000	47,000	19	U	40	U	360		2900		42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
ALPHA ENDOSULFAN	NE	NE	19	U	40	U	40	U	200	U	42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	3,000	14,000	19	U	40	U	40	U	200	U	42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
BETA ENDOSULFAN	NE	NE	19	U	40	U	40	U	200	U	42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	500,000	1,000,000	19	U	40	U	40	U	200	U	42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
DIELDRIN	1,400	2,800	19	U	40	U	40	U	200	U	42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
ENDOSULFAN SULFATE	200,000	920,000	19	U	40	U	40	U	200	U	42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
ENDRIN	89,000	410,000	19	U	40	U	40	U	200	U	42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
ENDRIN ALDEHYDE	NE	NE	19	U	40	U	40	U	200	U	42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
ENDRIN KETONE	NE	NE	19	U	40	U	40	U	200	U	42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
GAMMA BHC (LINDANE)	9,200	23,000	19	U	40	U	40	U	200	U	42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
HEPTACHLOR	15,000	29,000	19	U	40	U	40	U	200	U	42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
HEPTACHLOR EPOXIDE	15,000	29,000	19	U	40	U	38	J	510		42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
METHOXYCHLOR	NE	NE	19	U	40	U	40	U	200	U	42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
P,P'-DDD	NE	NE	19	U	40	U	40	U	200	U	42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
P,P'-DDE	62,000	12,000	19	U	40	U	40	U	58	J	42	U	110	U	7.1	J	24	U	12	U	12	U	22	U	22	U	11	U	11	U
P,P'-DDT	47,000	94,000	19	U	40	U	40	U	200	U	42	U	110	U	6.8	J	7.6	J	12	U	12	U	22	U	22	U	11	U	11	U
TOXAPHENE	NE	NE	190	U	400	U	400	U	2000	U	420	U	1100	U	230	U	240	U	120	U	120	U	220	U	220	U	110	U	110	U
trans-Chlordane	NE	NE	19	U	40	U	140		1600		42	U	110	U	23	U	24	U	12	U	12	U	22	U	22	U	11	U	11	U
PCBs (mg/kg)																														
PCB-1016 (AROCLOR 1016)	1	25	0.27	U	0.22	U	0.22	U	0.27	U	0.28	U	0.3	U	0.27	U	0.3	U	0.34	U	0.34	U	0.3	U	0.28	U	0.23	U	0.28	U
PCB-1221 (AROCLOR 1221)	1	25	0.27	U	0.22	U	0.22	U	0.27	U	0.28	U	0.3	U	0.27	U	0.3	U	0.34	U	0.34	U	0.3	U	0.28	U	0.23	U	0.28	U
PCB-1232 (AROCLOR 1232)	1	25	0.27	U	0.22	U	0.22	U	0.27	U	0.28	U	0.3	U	0.27	U	0.3	U	0.34	U	0.34	U	0.3	U	0.28	U	0.23	U	0.28	U
PCB-1242 (AROCLOR 1242)	1	25	0.27	U	0.22	U	0.22	U	0.27	U	0.28	U	0.3	U	0.27	U	0.3	U	0.34	U	0.34	U	0.3	U	0.28	U	0.23	U	0.28	U
PCB-1248 (AROCLOR 1248)	1	25	0.27	U	0.22	U	0.22	U	0.27	U	0.28	U	0.3	U	0.27	U	0.3	U	0.34	U	0.34	U	0.3	U	0.28	U	0.23	U	0.28	U
PCB-1254 (AROCLOR 1254)	1	25	0.27	U	0.22	U	0.22	U	0.27	U	0.28	U	0.3	U	0.27	U	0.3	U	0.34	U	0.34	U	0.3	U	0.28	U	0.23	U	0.28	U
PCB-1260 (AROCLOR 1260)	1	25	0.27	U	0.22	U	0.22	U	0.27	U	0.28	U	0.3	U	0.27	U	0.3	U	0.34	U	0.34	U	0.3	U	0.28	U	0.23	U	0.28	U

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Preliminary Scoping
Shallow Soil Sampling Results
All Analytes

Analytes	NYSDEC 6NYCRR Part 375 SCOs (b)		SS-7				SS-8				SS-9				SS-10				SS-11				SS-12				SS-13			
			SS-7-A		SS-7-B		SS-8-A		SS-8-B		SS-9-A		SS-9-B		SS-10-A		SS-10-B		SS-11-A		SS-11-B		SS-12-A		SS-12-B		SS-13-A		SS-13-B	
	Commercial	Industrial	(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")		(0 to 2")		(2 to 12")	
Herbicides (µg/kg)																														
2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	NE	NE	19	U	20	U	20	U	21	U	21	U	22	U	23	U	24	U	24	U	23	U	21	U	22	U	21	U	21	U
2,4-D (DICHLOROPHENOXYACETIC ACID)	NE	NE	19	U	20	U	20	U	21	U	21	U	22	U	23	U	24	U	24	U	23	U	21	U	22	U	21	U	21	U
SILVEX (2,4,5-TP)	500,000	1,000,000	19	U	20	U	20	U	21	U	21	U	22	U	23	U	24	U	24	U	23	U	21	U	22	U	21	U	21	U
SVOCs (µg/kg)																														
1,4-DIOXANE (P-DIOXANE)	NE	NE	570	U	600	U	600	U	610	U	630	U	670	U	660	U	730	U	140	U	140	U	650	U	640	U	130	U	130	U
2,4,5-TRICHLOROPHENOL	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
2,4,6-TRICHLOROPHENOL	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
2,4-DICHLOROPHENOL	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
2,4-DIMETHYLPHENOL	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
2,4-DINITROPHENOL	NE	NE	9400	U	10000	U	9900	U	10000	U	10000	U	11000	U	11000	U	12000	U	2400	U	2300	U	11000	U	11000	U	2100	U	2100	U
2,4-DINITROTOLUENE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
2,6-DINITROTOLUENE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
2-CHLORONAPHTHALENE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
2-CHLOROPHENOL	NE	NE	1900	U	2000	U	2000	U	2000	U	2100	U	2200	U	2200	U	2400	U	470	U	460	U	2100	U	2100	U	420	U	430	U
2-Methylnaphthalene	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
2-Methylphenol (O-Cresol)	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
2-NITROANILINE	NE	NE	1900	U	2000	U	2000	U	2000	U	2100	U	2200	U	2200	U	2400	U	470	U	460	U	2100	U	2100	U	420	U	430	U
2-NITROPHENOL	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
3,3'-DICHLOROBENZIDINE	NE	NE	1900	U	2000	U	2000	U	2000	U	2100	U	2200	U	2200	U	2400	U	470	U	460	U	2100	U	2100	U	420	U	430	U
3-NITROANILINE	NE	NE	1900	U	2000	U	2000	U	2000	U	2100	U	2200	U	2200	U	2400	U	470	U	460	U	2100	U	2100	U	420	U	430	U
4,6-DINITRO-2-METHYLPHENOL	NE	NE	1900	U	2000	U	2000	U	2000	U	2100	U	2200	U	2200	U	2400	U	470	U	460	U	2100	U	2100	U	420	U	430	U
4-BROMOPHENYL PHENYL ETHER	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
4-CHLORO-3-METHYLPHENOL	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
4-CHLOROANILINE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
4-CHLOROPHENYL PHENYL ETHER	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
4-METHYLPHENOL (P-CRESOL)	500,000	1,000,000	1900	U	2000	U	2000	U	2000	U	2100	U	2200	U	2200	U	2400	U	470	U	460	U	2100	U	2100	U	420	U	430	U
4-NITROANILINE	NE	NE	1900	U	2000	U	2000	U	2000	U	2100	U	2200	U	2200	U	2400	U	470	U	460	U	2100	U	2100	U	420	U	430	U
4-NITROPHENOL	NE	NE	1900	U	2000	U	2000	U	2000	U	2100	U	2200	U	2200	U	2400	U	470	U	460	U	2100	U	2100	U	420	U	430	U
ACENAPHTHENE	500,000	1,000,000	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	60	J	240	U	1100	U	1100	U	36	J	220	U
ACENAPHTHYLENE	500,000	1,000,000	960	U	1000	U	150	J	160	J	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
ACETOPHENONE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
ANTHRACENE	500,000	1,000,000	960	U	1000	U	300	J	260	J	310	J	420	J	1100	U	1200	U	160	J	240	U	1100	U	1100	U	100	J	73	J
ATRAZINE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
BENZALDEHYDE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
BENZO(A)ANTHRACENE	5,600	11,000	800	J	820	J	670	J	1100		1200		1700		500	J	430	J	600		190	J	660	J	760	J	520		360	
BENZO(A)PYRENE	1,000	1,100	820	J	790	J	620	J	1000		1100		1500		500	J	430	J	610		190	J	600	J	680	J	490		360	
BENZO(B)FLUORANTHENE	5,600	11,000	1000		1100		800	J	1400		1400		2100		640	J	510	J	740		240		690	J	870	J	580		420	
BENZO(G,H,I)PERYLENE	500,000	1,000,000	800	J	700	J	390	J	690	J	760	J	1300		360	J	290	J	460		160	J	500	J	500	J	390		280	
BENZO(K)FLUORANTHENE	56,000	110,000	440	J	420	J	360	J	570	J	660	J	830	J	320	J	220	J	380		120	J	1100	U	400	J	320		230	
BENZYL BUTYL PHTHALATE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
BIPHENYL (DIPHENYL)	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
BIS(2-CHLOROETHOXY) METHANE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
BIS(2-CHLOROISOPROPYL) ETHER	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
BIS(2-ETHYLHEXYL) PHTHALATE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	120	J	240	U	1100	U	1100	U	150	J	110	J
CAPROLACTAM	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
CARBAZOLE	NE	NE	110	J	1000	U	130	J	150	J	170	J	260	J	1100	U	1200	U	110	J	240	U	1100	U	1100	U	71	J	48	J
CHRYSENE	56,000	110,000	830	J	790	J	680	J	1100		1200		1800		510	J	440	J	710		220	J	680	J	810	J	600		430	
DIBENZ(A,H)ANTHRACENE	560	1,100	170	J	180	J	1000	U	220	J	190	J	350	J	1100	U	1200	U	120	J	57	J	1100	U	1100	U	120	J	77	J
DIBENZOFURAN	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
DIETHYL PHTHALATE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
DIMETHYL PHTHALATE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
DI-N-BUTYL PHTHALATE	NE	NE	330	J	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	150	J	110	J	1100	U	1100	U	140	J	180	J
DI-N-OCTYLPHTHALATE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
FLUORANTHENE	500,000	1,000,000	1600		1400		1400		2100		2200		3200		870	J	760	J	1200		360		1200		1500		980		670	
FLUORENE	500,000	1,000,000	960	U	1000	U	120	J	1000	U	1100	U	140	J	1100	U	1200	U	56	J	240	U	1100	U	1100	U	38	J	26	J
HEXACHLOROBENZENE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
HEXACHLOROBUTADIENE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
HEXACHLOROCYCLOPENTADIENE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
HEXACHLOROETHANE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
INDENO(1,2,3-C,D)PYRENE	5,600	11,000	610	J	580	J	380	J	570	J	680	J	1000	J	300	J	260	J	380		150	J	420	J	460	J	360		250	
ISOPHORONE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
NAPHTHALENE	500,000	1,000,000	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
NITROBENZENE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
N-NITROSODI-N-PROPYLAMINE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
N-NITROSODIPHENYLAMINE	NE	NE	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
PENTACHLOROPHENOL	6,700	55,000	1900	U	2000	U	2000	U	2000	U	2100	U	2200	U	2200	U	2400	U	470	U	460	U	2100	U	2100	U	420	U	430	U
PHENANTHRENE	500,000	1,000,000	810	J	660	J	970	J	1000		1300		1800		390	J	370	J	680		190	J	570	J	760	J	490		350	
PHENOL	500,000	1,000,000	960	U	1000	U	1000	U	1000	U	1100	U	1100	U	1100	U	1200	U	240	U	240	U	1100	U	1100	U	220	U	220	U
PYRENE	500,000	1,000,000	1500		1300		1200		1900		1900		2700		770	J	690	J	1100		320		1000	J	1300		870		620	

Table 2
East Delavan Property (BCP Site #C915196B)
Preliminary Scoping
Shallow Soil Sampling Results
All Analytes

Analytes	NYSDEC 6NYCRR Part 375 SCOs (b)		SS-7			SS-8			SS-9			SS-10			SS-11			SS-12			SS-13		
			SS-7-A	SS-7-B		SS-8-A	SS-8-B		SS-9-A	SS-9-B		SS-10-A	SS-10-B		SS-11-A	SS-11-B		SS-12-A	SS-12-B		SS-13-A	SS-13-B	
	Commercial	Industrial	(0 to 2")	(2 to 12")		(0 to 2")	(2 to 12")		(0 to 2")	(2 to 12")		(0 to 2")	(2 to 12")		(0 to 2")	(2 to 12")		(0 to 2")	(2 to 12")		(0 to 2")	(2 to 12")	
VOCs (µg/kg)																							
1,1,1-TRICHLOROETHANE	500,000	1,000,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
1,1,2,2-TETRACHLOROETHANE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	U	NS	7.1	U
1,1,2-TRICHLOROETHANE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
1,1-DICHLOROETHANE	240,000	480,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	U	NS	7.1	U
1,1-DICHLOROETHENE	500,000	1,000,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	U	NS	7.1	U
1,2,4-TRICHLOROBENZENE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
1,2-DICHLOROBENZENE	500,000	1,000,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
1,2-DICHLOROETHANE	30,000	60,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
1,2-DICHLOROPROPANE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	U	NS	7.1	U
1,3-DICHLOROBENZENE	280,000	560,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
1,4-DICHLOROBENZENE	130,000	250,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
2-HEXANONE	NE	NE	NS	22	U	NS	28	U	NS	32	U	NS	32	U	NS	33	U	NS	31	UT	NS	35	U
ACETONE	500,000	1,000,000	NS	31		NS	28	U	NS	32	U	NS	170		NS	33	U	NS	31	UT	NS	35	U
BENZENE	44,000	89,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
BROMODICHLOROMETHANE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
BROMOFORM	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
BROMOMETHANE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	U	NS	7.1	U
CARBON DISULFIDE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
CARBON TETRACHLORIDE	22,000	44,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
CHLOROBENZENE	500,000	1,000,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
CHLOROETHANE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	U	NS	7.1	U
CHLOROFORM	350,000	700,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
CHLOROMETHANE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	U	NS	7.1	U
CIS-1,2-DICHLOROETHYLENE	500,000	1,000,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
CIS-1,3-DICHLOROPROPENE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
CYCLOHEXANE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	U	NS	7.1	U
DIBROMOCHLOROMETHANE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
DICHLORODIFLUOROMETHANE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	U	NS	7.1	U
ETHYLBENZENE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
Isopropylbenzene (Cumene)	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	U	NS	7.1	U
METHYL ACETATE	NE	NE	NS	22	U	NS	28	U	NS	32	U	NS	32	U	NS	33	U	NS	31	UT	NS	35	U
METHYL ETHYL KETONE (2-BUTANONE)	500,000	1,000,000	NS	30		NS	28	U	NS	32	U	NS	230		NS	33	U	NS	31	UT	NS	35	U
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE	NE	NS	22	U	NS	28	U	NS	32	U	NS	32	U	NS	33	U	NS	31	U	NS	35	U
METHYLCYCLOHEXANE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
METHYLENE CHLORIDE	500,000	1,000,000	NS	2.6	J	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	U	NS	7.1	U
STYRENE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
TERT-BUTYL METHYL ETHER	500,000	1,000,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	U	NS	7.1	U
TETRACHLOROETHYLENE(PCE)	150,000	300,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
TOLUENE	500,000	1,000,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
TRANS-1,2-DICHLOROETHENE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
TRANS-1,3-DICHLOROPROPENE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
TRICHLOROETHYLENE (TCE)	200,000	400,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	UT	NS	7.1	U
TRICHLOROFLUOROMETHANE	NE	NE	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	U	NS	7.1	U
VINYL CHLORIDE	13,000	27,000	NS	4.4	U	NS	5.6	U	NS	6.3	U	NS	6.4	U	NS	6.6	U	NS	6.3	U	NS	7.1	U
Xylenes	500,000	1,000,000	NS	8.8	U	NS	11	U	NS	13	U	NS	13	U	NS	13	U	NS	13	UT	NS	14	U

Values in bold indicate a detection or estimated detection.
U = Not detected at reporting limit shown; J = Estimated value below reporting limit. NS = Not Sampled; NE = Standard Not Established
Red shaded values indicate an exceedance of the Part 375 Commercial and Industrial Use SCO
Green shaded values indicate an exceedance of the Part 375 Commercial Use SCO

Table 2
East Delavan Property (BCP Site #C915196B)
Preliminary Scoping
Shallow Soil Sampling Results
Emerging Contaminants

Analytes	SS-1		SS-2		SS-3		SS-4		SS-5		SS-6		SS-7		SS-8		SS-9		SS-10		SS-11		SS-12		SS-13	
	SS-1-B		SS-2-B		SS-3-B		SS-4-B		SS-5-B		SS-6-B		SS-7-B		SS-8-B		SS-9-B		SS-10-B		SS-11-B		SS-12-B		SS-13-B	
	(2 to 12")		(2 to 12")		(2 to 12")		(2 to 12")		(2 to 12")		(2 to 12")		(2 to 12")		(2 to 12")		(2 to 12")		(2 to 12")		(2 to 12")		(2 to 12")		(2 to 12")	
PFAS/PFOS (µg/kg)																										
1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	2.8	U	2.5	U	2.3	U	2.1	U	2.2	U	2.1	U	2.2	U	2.5	U	2.5	U	2.8	U	2.7	U	2.5	U	2.4	U
1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	2.8	U	2.5	U	2.3	U	2.1	U	2.2	U	2.1	U	2.2	U	2.5	U	2.5	U	2.8	U	2.7	U	2.5	U	2.4	U
2-(N-methyl perfluorooctanesulfonamido) acetic acid	2.8	U	2.5	U	2.3	U	2.1	U	2.2	U	2.1	U	2.2	U	2.5	U	2.5	U	2.8	U	2.7	U	2.5	U	2.4	U
N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2.8	U	2.5	U	2.3	U	2.1	U	2.2	U	2.1	U	2.2	U	2.5	U	2.5	U	2.8	U	2.7	U	2.5	U	2.4	U
PERFLUOROBUTANESULFONIC ACID	0.28	U	0.25	U	0.23	U	0.21	U	0.22	U	0.21	U	0.22	U	0.25	U	0.25	U	0.28	U	0.27	U	0.034	J	0.24	U
PERFLUOROBUTYRIC ACID (PFBA)	0.13	BJ	0.11	BJ	0.081	BJ	0.056	BJ	0.054	BJ	0.062	BJ	0.06	BJ	0.14	BJ	0.15	BJ	0.21	BJ	0.17	BJ	0.23	BJ	0.18	BJ
PERFLUORODECANE SULFONIC ACID	0.28	U	0.25	U	0.23	U	0.21	U	0.22	U	0.21	U	0.052	J	0.25	U	0.25	U	0.28	U	0.27	U	0.058	J	0.24	U
PERFLUORODECANOIC ACID (PFDA)	0.28	U	0.25	U	0.23	U	0.21	U	0.22	U	0.21	U	0.029	J	0.25	U	0.25	U	0.043	J	0.27	U	0.05	J	0.24	U
PERFLUORODODECANOIC ACID (PFDoA)	0.28	U	0.25	U	0.23	U	0.21	U	0.22	U	0.21	U	0.22	U	0.25	U	0.25	U	0.28	U	0.27	U	0.25	U	0.24	U
PERFLUOROHEPTANE SULFONATE (PFHpS)	0.28	U	0.25	U	0.23	U	0.21	U	0.22	U	0.21	U	0.22	U	0.25	U	0.25	U	0.28	U	0.27	U	0.045	J	0.24	U
Perfluoroheptanoic Acid (PFHpA)	0.04	J	0.059	J	0.23	U	0.031	J	0.22	U	0.055	J	0.22	U	0.1	J	0.066	J	0.083	J	0.074	J	0.13	J	0.24	U
PERFLUOROHEXANESULFONIC ACID	0.045	J	0.045	J	0.23	U	0.038	J	0.22	U	0.21	U	0.22	U	0.05	J	0.25	U	0.056	J	0.081	J	0.099	J	0.067	J
PERFLUOROHEXANOIC ACID (PFHxA)	0.28	U	0.072	J	0.23	U	0.21	U	0.22	U	0.079	J	0.22	U	0.12	J	0.11	J	0.13	J	0.096	J	0.17	J	0.069	J
PERFLUORONONANOIC ACID	0.28	U	0.25	U	0.23	U	0.21	U	0.22	U	0.21	U	0.22	U	0.25	U	0.25	U	0.051	J	0.27	U	0.096	J	0.24	U
Perfluorooctane Sulfonamide (FOSA)	0.28	U	0.25	U	0.23	U	0.21	U	0.22	U	0.21	U	0.22	U	0.25	U	0.25	U	0.28	U	0.27	U	0.25	U	0.24	U
PERFLUOROOCTANE SULFONIC ACID (PFOS)	0.5	J	0.82		0.36	J	0.44	J	0.55	U	0.53	U	0.45	J	0.57	J	0.86		2		1.6		2.4		0.74	
Perfluorooctanoic acid (PFOA)	0.2	J	0.28		0.12	J	0.16	J	0.22	U	0.14	J	0.22	U	0.46		0.38		0.68		0.45		0.72		0.22	J
PERFLUOROPENTANOIC ACID (PFPeA)	0.28	U	0.25	U	0.23	U	0.21	U	0.22	U	0.21	U	0.22	U	0.25	U	0.25	U	0.28	U	0.27	U	0.13	J	0.24	U
PERFLUOROTETRADECANOIC ACID (PFTeA)	0.28	U	0.25	U	0.23	U	0.21	U	0.22	U	0.21	U	0.22	U	0.25	U	0.25	U	0.28	U	0.27	U	0.25	U	0.24	U
PERFLUOROTRIDECANOIC ACID (PFTriA)	0.28	U	0.25	U	0.23	U	0.21	U	0.22	U	0.21	U	0.22	U	0.25	U	0.25	U	0.28	U	0.27	U	0.25	U	0.24	U
PERFLUOROUNDECANOIC ACID (PFUnA)	0.28	U	0.25	U	0.23	U	0.21	U	0.22	U	0.21	U	0.22	U	0.25	U	0.25	U	0.28	U	0.27	U	0.25	U	0.24	U

Table 3
East Delavan Property (BCP Site #C915196B)
Preliminary Scoping Investigation
LNAPL Sample Results

Analytes (a)	FORMER MACHINING AREA						FORMER POWER HOUSE AREA					
	CLAY			BEDROCK			CLAY			BEDROCK		
	MW-402R			MW-805A		CP-3B			MW-404		MW-802A		MW-4B	
PCBs (mg/Kg)														
PCB-1016	1.8	U		0.82	U	0.82	U		0.65	U	0.58	U	0.58	U
PCB-1221	1.8	U		0.82	U	0.82	U		0.65	U	0.58	U	0.58	U
PCB-1232	1.8	U		0.82	U	0.82	U		0.65	U	0.58	U	0.58	U
PCB-1242	1.8	U		0.82	U	0.82	U		0.65	U	0.58	U	0.58	U
PCB-1248	20			0.82	U	21			17		8.3		14	
PCB-1254	0.43	U		0.2	U	0.2	U		0.16	U	0.14	U	0.14	U
PCB-1260	0.43	U		0.2	U	0.2	U		0.16	U	0.14	U	0.14	U
SVOCs (µg/Kg)														
Biphenyl	34000	U		21000	U	22000	U		31000	U	54000	U	58000	U
bis (2-chloroisopropyl) ether	46000	U		28000	U	30000	U		43000	U	73000	U	78000	U
2,4,5-Trichlorophenol	63000	U		38000	U	41000	U		58000	U	99000	U	110000	U
2,4,6-Trichlorophenol	46000	U		28000	U	30000	U		43000	U	73000	U	78000	U
2,4-Dichlorophenol	25000	U		15000	U	16000	U		23000	U	39000	U	42000	U
2,4-Dimethylphenol	56000	U		34000	U	36000	U		51000	U	88000	U	95000	U
2,4-Dinitrophenol	1100000	U		650000	U	690000	U		980000	U	1700000	U	1800000	U
2,4-Dinitrotoluene	48000	U		29000	U	31000	U		44000	U	75000	U	81000	U
2,6-Dinitrotoluene	27000	U		17000	U	18000	U		25000	U	43000	U	46000	U
2-Chloronaphthalene	38000	U		23000	U	25000	U		35000	U	60000	U	65000	U
2-Chlorophenol	42000	U		26000	U	27000	U		39000	U	66000	U	72000	U
2-Methylnaphthalene	27000	U		17000	U	18000	U		25000	U	43000	U	46000	U
2-Methylphenol	46000	U		28000	U	30000	U		43000	U	73000	U	78000	U
2-Nitroaniline	34000	U		21000	U	22000	U		31000	U	54000	U	58000	U
2-Nitrophenol	65000	U		40000	U	42000	U		60000	U	100000	U	110000	U
3,3'-Dichlorobenzidine	270000	U		170000	U	180000	U		250000	U	430000	U	460000	U
3-Nitroaniline	64000	U		39000	U	41000	U		59000	U	100000	U	110000	U
4,6-Dinitro-2-methylphenol	230000	U		140000	U	150000	U		210000	U	360000	U	390000	U
4-Bromophenyl phenyl ether	33000	U		20000	U	21000	U		30000	U	51000	U	55000	U
4-Chloro-3-methylphenol	57000	U		35000	U	37000	U		53000	U	90000	U	97000	U
4-Chloroaniline	57000	U		35000	U	37000	U		53000	U	90000	U	97000	U
4-Chlorophenyl phenyl ether	29000	U		18000	U	19000	U		26000	U	45000	U	48000	U
4-Methylphenol	27000	U		17000	U	18000	U		25000	U	43000	U	46000	U
4-Nitroaniline	120000	U		74000	U	79000	U		110000	U	190000	U	210000	U
4-Nitrophenol	160000	U		99000	U	110000	U		150000	U	260000	U	270000	U
Acenaphthene	42000	J		21000	U	22000	U		31000	U	54000	U	58000	U
Acenaphthylene	30000	U		18000	U	19000	U		28000	U	47000	U	51000	U
Acetophenone	31000	U		19000	U	20000	U		29000	U	49000	U	53000	U
Anthracene	57000	U		35000	U	37000	U		53000	U	90000	U	97000	U
Atrazine	80000	U		49000	U	52000	U		74000	U	130000	U	140000	U
Benzaldehyde	180000	U		110000	U	120000	U		170000	U	290000	U	310000	U
Benzo(a)anthracene	23000	U		14000	U	15000	U		21000	U	36000	U	39000	U
Benzo(a)pyrene	89000	J		21000	U	22000	U		31000	U	54000	U	58000	U
Benzo(b)fluoranthene	37000	U		23000	U	24000	U		34000	U	58000	U	62000	U
Benzo(g,h,i)perylene	65000	J		15000	U	16000	U		23000	U	39000	U	42000	U
Benzo(k)fluoranthene	30000	U		18000	U	19000	U		28000	U	47000	U	51000	U
Bis(2-chloroethoxy)methane	49000	U		30000	U	32000	U		45000	U	77000	U	83000	U
Bis(2-chloroethyl)ether	30000	U		18000	U	19000	U		28000	U	47000	U	51000	U
Bis(2-ethylhexyl) phthalate	79000	U		48000	U	51000	U		73000	U	120000	U	130000	U
Butyl benzyl phthalate	38000	U		23000	U	25000	U		35000	U	60000	U	65000	U
Caprolactam	70000	U		43000	U	45000	U		64000	U	110000	U	120000	U
Carbazole	27000	U		17000	U	18000	U		25000	U	43000	U	46000	U
Chrysene	130000	J		32000	U	34000	U		48000	U	81000	U	88000	U
Di-n-butyl phthalate	41000	U		25000	U	26000	U		38000	U	64000	U	69000	U
Di-n-octyl phthalate	40000	U		24000	U	26000	U		36000	U	62000	U	67000	U
Dibenz(a,h)anthracene	27000	U		17000	U	18000	U		25000	U	43000	U	46000	U
Dibenzofuran	27000	U		17000	U	18000	U		25000	U	43000	U	46000	U
Diethyl phthalate	30000	U		18000	U	19000	U		28000	U	47000	U	51000	U
Dimethyl phthalate	27000	U		17000	U	18000	U		25000	U	43000	U	46000	U
Fluoranthene	240000			65000	J	160000	F1		34000	J	77000	J	42000	U
Fluorene	70000	J		24000	J	38000	J		25000	U	43000	U	46000	U
Hexachlorobenzene	31000	U		19000	U	20000	U		29000	U	49000	U	53000	U
Hexachlorobutadiene	34000	U		21000	U	22000	U		31000	U	54000	U	58000	U
Hexachlorocyclopentadiene	31000	U		19000	U	20000	U		29000	U	49000	U	53000	U
Hexachloroethane	30000	U		18000	U	19000	U		28000	U	47000	U	51000	U
Indeno(1,2,3-cd)pyrene	64000	J		18000	U	19000	U		26000	U	45000	U	48000	U
Isophorone	49000	U		30000	U	32000	U		45000	U	77000	U	83000	U
N-Nitrosodi-n-propylamine	40000	U		24000	U	26000	U		36000	U	62000	U	67000	U
N-Nitrosodiphenylamine	190000	U		120000	U	120000	U		170000	U	300000	U	320000	U
Naphthalene	30000	U		18000	U	19000	U		28000	U	47000	U	51000	U
Nitrobenzene	26000	U		16000	U	17000	U		24000	U	41000	U	44000	U
Pentachlorophenol	230000	U		140000	U	150000	U		210000	U	360000	U	390000	U
Phenanthrene	150000	J		24000	J	87000	J		31000	U	54000	U	58000	U
Phenol	35000	U		22000	U	23000	U		33000	U	56000	U	60000	U
Pyrene	200000	J		62000	J	130000	J		42000	J	70000	J	81000	J

a/ Values in bold indicate a detection or esttimated detection
U = Not detected at reporting limit shown. J = Estimated value below reporting limit.

Table 4
East Delavan Property (BCP Site #C915196B)
Preliminary Scoping Investigation
Groundwater Sample Results

Analytes	New York State Class GA Ambient Water Quality Standards and *Guidance* Values	FORMER MACHINING AREA							
		FILL				CLAY			BEDROCK
		MW-102	MW-807	CP-1	CP-2	CP-2A	MW-6A	MW-107R	MW-6B
Metals (mg/L)									
Mercury	0.007	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U
Arsenic	0.025	0.0056 U	0.031	0.0068 J	0.0056 U	0.015	0.0056 U	0.0056 U	0.0056 U
Barium	1	0.05	0.06	0.12	0.42	0.4	0.076	0.17	0.051
Cadmium	0.005	0.0005 U	0.0005 U	0.0005 U	0.00057 J	0.00063 J	0.0005 U	0.00055 J	0.0005 U
Chromium	0.05	0.0013 J	0.0017 J	0.001 U	0.0033 J	0.0098	0.0013 J	0.001 U	0.001 U
Lead	0.025	0.003 U	0.004 J	0.0036 J	0.037	0.022	0.003 U	0.003 U	0.003 U
Selenium	0.01	0.0087 U	0.0087 U	0.0087 U	0.0087 U	0.0087 U	0.0087 U	0.0087 U	0.0087 U
Silver	0.05	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U
Pesticides (µg/L)									
4,4'-DDD	0.3	0.0092 U	0.038 J	(b)	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U
4,4'-DDE	0.2	0.012 U	0.014 U	(b)	0.022 J	0.012 U	0.012 U	0.012 U	0.012 U
4,4'-DDT	0.2	0.011 U	0.013 U	(b)	0.025 J	0.011 U	0.011 U	0.011 U	0.011 U
Aldrin	NE	0.0081 U	0.0096 U	(b)	0.049 J	0.0081 U	0.0081 U	0.0081 U	0.0081 U
alpha-BHC	0.010	0.0084 J	0.0092 U	(b)	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U
cis-Chlordane	0.05	0.015 U	0.018 U	(b)	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
beta-BHC	0.04	0.025 U	0.03 U	(b)	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
delta-BHC	0.04	0.015 J B	0.012 U	(b)	0.01 U	0.01 U	0.01 U	0.015 J B	0.01 U
Dieldrin	0.004	0.0098 U	0.03 J	(b)	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U
Endosulfan I	NE	0.011 U	0.013 U	(b)	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
Endosulfan II	NE	0.012 U	0.014 U	(b)	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U
Endosulfan sulfate	NE	0.026 J	0.019 U	(b)	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Endrin	NE	0.014 U	0.036 J	(b)	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Endrin aldehyde	5.00	0.016 U	0.019 U	(b)	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Endrin ketone	5.00	0.012 U	0.021 J	(b)	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U
gamma-BHC (Lindane)	0.05	0.008 U	0.024 J	(b)	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U
trans-Chlordane	0.05	0.011 U	0.013 U	(b)	0.011 U	0.029 J	0.011 U	0.011 U	0.011 U
Heptachlor	0.04	0.0085 U	0.01 U	(b)	0.0085 U	0.0085 U	0.0085 U	0.0085 U	0.0085 U
Heptachlor epoxide	0.03	0.0074 U	0.04 J	(b)	0.027 J	0.0074 U	0.0074 U	0.0074 U	0.0074 U
Methoxychlor	35	0.014 U	0.14	(b)	0.017 J	0.014 U	0.014 U	0.014 U	0.014 U
Toxaphene	0.06	0.12 U	0.14 U	(b)	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Herbicides (µg/L)									
2,4,5-T	5	0.065 U	(b)	(b)	0.065 U	0.07 U	0.065 U	0.065 U	0.065 U
Silvex (2,4,5-TP)	0.26	0.048 U	(b)	(b)	0.048 U	0.052 U	0.048 U	0.048 U	0.048 U
2,4-D	50	0.16 U	(b)	(b)	0.17 U	0.18 U	0.16 U	0.16 U	0.16 U
PCBs (µg/L)									
PCB-1016	0.09	0.18 U	0.18 U	(b)	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PCB-1221	0.09	0.18 U	0.18 U	(b)	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PCB-1232	0.09	0.18 U	0.18 U	(b)	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PCB-1242	0.09	0.18 U	0.18 U	(b)	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PCB-1248	0.09	0.18 U	0.18 U	(b)	2.8	0.74	0.18 U	0.18 U	0.18 U
PCB-1254	0.09	0.25 U	0.25 U	(b)	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
PCB-1260	0.09	0.25 U	0.25 U	(b)	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SVOCs (µg/L)									
Biphenyl	NE	0.65 U	0.65 U	0.71 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
bis (2-chloroisopropyl) ether	NE	0.52 U	0.52 U	0.57 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
2,4,5-Trichlorophenol	NE	0.48 U	0.48 U	0.52 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
2,4,6-Trichlorophenol	NE	0.61 U	0.61 U	0.66 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
2,4-Dichlorophenol	5	0.51 U	0.51 U	0.55 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U
2,4-Dimethylphenol	1	0.5 U	0.5 U	0.54 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2,4-Dinitrophenol	1	2.2 U	2.2 U	2.4 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
2,4-Dinitrotoluene	5	0.45 U	0.45 U	0.49 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
2,6-Dinitrotoluene	5	0.4 U	0.4 U	0.43 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-Chloronaphthalene	*10*	0.46 U	0.46 U	0.5 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
2-Chlorophenol	NE	0.53 U	0.53 U	0.58 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
2-Methylnaphthalene	NE	0.6 U	0.6 U	0.65 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
2-Methylphenol	NE	0.4 U	0.4 U	0.43 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-Nitroaniline	5	0.42 U	0.42 U	0.46 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
2-Nitrophenol	NE	0.48 U	0.48 U	0.52 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
3,3'-Dichlorobenzidine	5	0.4 U	0.4 U	0.43 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3-Nitroaniline	5	0.48 U	0.48 U	0.52 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4,6-Dinitro-2-methylphenol	NE	2.2 U	2.2 U	2.4 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
4-Bromophenyl phenyl ether	NE	0.45 U	0.45 U	0.49 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
4-Chloro-3-methylphenol	NE	0.45 U	0.45 U	0.49 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
4-Chloroaniline	5	0.59 U	0.59 U	0.64 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
4-Chlorophenyl phenyl ether	NE	0.35 U	0.35 U	0.38 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
4-Methylphenol	NE	0.36 U	0.36 U	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
4-Nitroaniline	5	0.25 U	0.25 U	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrophenol	NE	1.5 U	1.5 U	1.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Acenaphthene	*20*	0.41 U	0.41 U	0.45 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Acenaphthylene	NE	0.38 U	0.38 U	0.41 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Acetophenone	NE	0.54 U	0.54 U	0.59 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Anthracene	*50*	0.28 U	0.9 J	0.69 J	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Atrazine	7.5	0.46 U	0.46 U	0.5 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
Benzaldehyde	NE	0.27 U	0.27 U	0.65 J	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
Benzo(a)anthracene	0.002	0.36 U	0.36 U	0.39 U	0.46 J	0.36 U	0.36 U	0.36 U	0.36 U
Benzo(a)pyrene	NE	0.47 U	0.47 U	0.51 U	0.51 J	0.47 U	0.47 U	0.47 U	0.47 U
Benzo(b)fluoranthene	0.002	0.34 U	0.34 U	0.37 U	1.2 J	0.53 J	0.34 U	0.34 U	0.34 U
Benzo(g,h,i)perylene	NE	0.35 U	0.35 U	0.38 U	0.54 J	0.35 U	0.35 U	0.35 U	0.35 U
Benzo(k)fluoranthene	0.002	0.73 U	0.73 U	0.79 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
Bis(2-chloroethoxy)methane	5	0.35 U	0.35 U	0.38 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Bis(2-chloroethyl)ether	1	0.4 U	0.4 U	0.43 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Bis(2-ethylhexyl) phthalate	5	2.2 U	2.2 U	2.4 U	2.2 U	2.7 J	2.2 U	2.2 U	2.2 U
Butyl benzyl phthalate	*50*	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U
Caprolactam	NE	2.2 U	2.2 U	2.4 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Carbazole	NE	0.3 U	0.3 U	0.33 U	0.3 U	0.89 J *	0.3 U	0.3 U	0.3 U
Chrysene	0.002	0.33 U	0.33 U	0.36 U	0.68 J	0.36 J	0.33 U	0.33 U	0.33 U
Di-n-butyl phthalate	NE	0.31 U	0.31 U	0.34 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Di-n-octyl phthalate	NE	0.47 U	0.47 U	0.51 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Dibenz(a,h)anthracene	NE	0.42 U	0.42 U	0.46 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Dibenzofuran	NE	0.51 U	0.51 U	0.55 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U
Diethyl phthalate	*50*	0.22 U	0.22 U	0.24 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dimethyl phthalate	*50*	0.36 U	0.36 U	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Fluoranthene	*50*	0.4 U	0.4 U	0.43 U	0.87 J	0.94 J	0.4 U	0.4 U	0.4 U
Fluorene	*50*	0.36 U	0.36 U	0.39 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Hexachlorobenzene	0.04	0.51 U	0.51 U	0.55 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U
Hexachlorobutadiene	0.5	0.68 U	0.68 U	0.74 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U
Hexachlorocyclopentadiene	5	0.59 U	0.59 U	0.64 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Hexachloroethane	5	0.59 U	0.59 U	0.64 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Indeno(1,2,3-cd)pyrene	*0.002*	0.47 U	0.47 U	0.51 U	0.52 J	0.47 U	0.47 U	0.47 U	0.47 U
Isophorone	*50*	0.43 U	0.43 U	0.47 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
N-Nitrosodi-n-propylamine	*50*	0.54 U	0.54 U	0.59 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
N-Nitrosodiphenylamine	*50*	0.51 U	0.51 U	0.55 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U
Naphthalene	*10*	0.76 U	0.76 U	0.83 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U
Nitrobenzene	0.4	0.29 U	0.29 U	0.56 J	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Pentachlorophenol	1	2.2 U	5.4 J	2.4 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Phenanthrene	*50*	0.44 U	0.44 U	0.48 U	0.45 J	0.52 J	0.44 U	0.44 U	0.44 U
Phenol	1	0.39 U	0.39 U	0.42 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
Pyrene	*50*	0.34 U	0.34 U	0.37 U	0.73 J	0.77 J	0.34 U	0.34 U	0.34 U

Table 4
East Delavan Property (BCP Site #C915196B)
Preliminary Scoping Investigation
Groundwater Sample Results

Analytes	New York State Class GA Ambient Water Quality Standards and *Guidance* Values	FORMER MACHINING AREA							
		FILL				CLAY			BEDROCK
		MW-102	MW-807	CP-1	CP-2	CP-2A	MW-6A	MW-107R	MW-6B
VOCs (µg/L)									
1,1,1-Trichloroethane	5	0.82 U	8.2 U	8.2 U	0.82 U	0.82 U	0.82 U	3.3 U	0.82 U
1,1,2,2-Tetrachloroethane	5	0.21 U	2.1 U	2.1 U	0.21 U	0.21 U	0.21 U	0.84 U	0.21 U
1,1,2-Trichloroethane	1	0.23 U	2.3 U	2.3 U	0.23 U	0.23 U	0.23 U	0.92 U	0.23 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	0.31 U	3.1 U	3.1 U	0.31 U	0.31 U	0.31 U	1.2 U	0.31 U
1,1-Dichloroethane	5	1	3.8 U	3.8 U	0.38 U	0.38 U	0.38 U	1.5 U	0.38 U
1,1-Dichloroethene	5	0.29 U	2.9 U	2.9 U	0.29 U	0.29 U	0.29 U	1.2 U	0.29 U
1,2,4-Trichlorobenzene	5	0.41 U	4.1 U	4.1 U	0.41 U	0.41 U	0.41 U	1.6 U	0.41 U
1,2-Dibromo-3-Chloropropane	0.04	0.39 U	3.9 U	3.9 U	0.39 U	0.39 U	0.39 U	1.6 U	0.39 U
1,2-Dibromoethane	NE	0.73 U	7.3 U	7.3 U	0.73 U	0.73 U	0.73 U	2.9 U	0.73 U
1,2-Dichlorobenzene	3	0.79 U	7.9 U	7.9 U	0.79 U	0.79 U	0.79 U	3.2 U	0.79 U
1,2-Dichloroethane	1	0.21 U	2.1 U	2.1 U	0.21 U	0.21 U	0.21 U	0.84 U	0.21 U
1,2-Dichloropropane	5	0.72 U	7.2 U	7.2 U	0.72 U	0.72 U	0.72 U	2.9 U	0.72 U
1,3-Dichlorobenzene	3	0.78 U	7.8 U	7.8 U	0.78 U	0.78 U	0.78 U	3.1 U	0.78 U
1,4-Dichlorobenzene	3	0.84 U	8.4 U	8.4 U	0.84 U	0.84 U	0.84 U	3.4 U	0.84 U
2-Hexanone	*50*	1.2 U	12 U	12 U	1.2 U	1.2 U	1.2 U	5 U	1.2 U
2-Butanone (MEK)	*50*	1.3 U	13 U	13 U	1.3 U	1.3 U	1.3 U	5.3 U	1.3 U
4-Methyl-2-pentanone (MIBK)	NE	2.1 U	21 U	21 U	2.1 U	2.1 U	2.1 U	8.4 U	2.1 U
Acetone	*50*	3 U	700	51 J	3 U	3 U	3 U	12 U	3 U
Benzene	1	0.41 U	4.1 U	4.1 U	0.41 U	0.41 U	0.41 U	1.6 U	0.41 U
Bromodichloromethane	5	0.39 U	3.9 U	3.9 U	0.39 U	0.39 U	0.39 U	1.6 U	0.39 U
Bromoform	*50*	0.26 U	2.6 U	2.6 U	0.26 U	0.26 U	0.26 U	1 U	0.26 U
Bromomethane	5	0.69 U	6.9 U	6.9 U	0.69 U	0.69 U	0.69 U	2.8 U	0.69 U
Carbon disulfide	*60*	0.19 U	1.9 U	1.9 U	0.19 U	0.19 U	0.19 U	0.76 U	0.19 U
Carbon tetrachloride	5	0.27 U	2.7 U	2.7 U	0.27 U	0.27 U	0.27 U	1.1 U	0.27 U
Chlorobenzene	5	0.75 U	7.5 U	7.5 U	0.75 U	0.75 U	0.75 U	3 U	0.75 U
Dibromochloromethane	*50*	0.32 U	3.2 U	3.2 U	0.32 U	0.32 U	0.32 U	1.3 U	0.32 U
Chloroethane	5	0.32 U	3.2 U	3.2 U	0.32 U	0.32 U	0.32 U	1.3 U	0.32 U
Chloroform	7	0.34 U	3.4 J	3.4 U	0.34 U	0.34 U	0.34 U	1.4 U	0.34 U
Chloromethane	NE	0.35 U	3.5 U	3.5 U	0.35 U	0.35 U	0.35 U	1.4 U	0.35 U
cis-1,2-Dichloroethene	5	0.81 U	8.1 U	8.1 U	0.81 U	0.81 U	0.81 U	3.2 U	0.81 U
cis-1,3-Dichloropropene	NE	0.36 U	3.6 U	3.6 U	0.36 U	0.36 U	0.36 U	1.4 U	0.36 U
Cyclohexane	NE	0.18 U	1.8 U	1.8 U	0.18 U	0.18 U	0.18 U	0.72 U	0.18 U
Dichlorodifluoromethane	5	0.68 U	6.8 U	6.8 U	0.68 U	0.68 U	0.68 U	2.7 U	0.68 U
Ethylbenzene	5	0.74 U	7.4 U	7.4 U	0.74 U	0.74 U	0.74 U	3 U	0.74 U
Isopropylbenzene	5	0.79 U	7.9 U	7.9 U	0.79 U	0.79 U	0.79 U	3.2 U	0.79 U
Methyl acetate	NE	1.3 U	13 U	13 U	1.3 U	1.3 U	1.3 U	5.2 U	1.3 U
Methyl tert-butyl ether	10	0.16 U	1.6 U	1.6 U	0.16 U	0.16 U	0.16 U	0.64 U	0.16 U
Methylcyclohexane	NE	0.16 U	1.6 U	1.6 U	0.16 U	0.16 U	0.16 U	0.64 U	0.16 U
Methylene Chloride	5	0.44 U	4.4 U	4.4 U	0.44 U	0.44 U	0.44 U	2.2 J	0.44 U
Styrene	5	0.73 U	7.3 U	7.3 U	0.73 U	0.73 U	0.73 U	2.9 U	0.73 U
Tetrachloroethene	5	0.36 U	3.6 U	3.6 U	0.36 U	0.36 U	0.36 U	1.4 U	0.36 U
Toluene	5	0.51 U	5.1 U	5.1 U	0.51 U	0.51 U	0.51 U	2 U	0.51 U
trans-1,2-Dichloroethene	5	0.9 U	9 U	9 U	0.9 U	0.9 U	0.9 U	3.6 U	0.9 U
trans-1,3-Dichloropropene	NE	0.37 U	3.7 U	3.7 U	0.37 U	0.37 U	0.37 U	1.5 U	0.37 U
Trichloroethene	5	0.46 U	4.6 U	4.6 U	0.46 U	0.46 U	0.46 U	1.8 U	0.46 U
Trichlorofluoromethane	5	0.88 U	8.8 U	8.8 U	0.88 U	0.88 U	0.88 U	3.5 U	0.88 U
Vinyl chloride	2	0.9 U	9 U	9 U	0.9 U	0.9 U	0.9 U	3.6 U	0.9 U
Xylenes, Total	5	0.66 U	6.6 U	6.6 U	0.66 U	0.66 U	0.66 U	2.6 U	0.66 U

Table 4
East Delavan Property (BCP Site #C915196B)
Preliminary Scoping Investigation
Groundwater Sample Results

Analytes	New York State Class GA Ambient Water Quality Standards and *Guidance* Values	FORMER POWER HOUSE AREA								
		FILL			CLAY					
		MW-3	MW-4	MW-405	MW-1A	MW-2A	MW-4A	MW-801A	MW-804A	MW-809A
Metals (mg/L)										
Mercury	0.007	0.00012 U	0.00027	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U
Arsenic	0.025	0.0056 U	0.015	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U
Barium	1	0.063	2	0.02	0.13	0.21	0.14	0.028	0.015	0.094
Cadmium	0.005	0.0005 U	0.0021	0.0005 U	0.00064 J	0.0028	0.0013 J	0.00099 J	0.00057 J	0.00059 J
Chromium	0.05	0.0015 J	0.041	0.0032 J	0.001 U	0.0053	0.0013 J	0.001 U	0.0011 J	0.0026 J
Lead	0.025	0.0032 J	0.36	0.004 J	0.0032 J	0.0084 J	0.003 U	0.003 U	0.0036 J	0.0036 J
Selenium	0.01	0.013 J	0.0087 U	0.0087 U	0.0087 U	0.0087 U	0.0087 U	0.0087 U	0.0087 U	0.017 J
Silver	0.05	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U
Pesticides (µg/L)										
4,4'-DDD	0.3	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U
4,4'-DDE	0.2	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U
4,4'-DDT	0.2	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.016 J	0.011 U
Aldrin	NE	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U
alpha-BHC	0.010	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U
cis-Chlordane	0.05	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
beta-BHC	0.04	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
delta-BHC	0.04	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.026 J B	0.01 U
Dieldrin	0.004	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U
Endosulfan I	NE	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
Endosulfan II	NE	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U
Endosulfan sulfate	NE	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Endrin	NE	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Endrin aldehyde	5.00	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Endrin ketone	5.00	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U
gamma-BHC (Lindane)	0.05	0.0096 J	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U
trans-Chlordane	0.05	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
Heptachlor	0.04	0.0085 U	0.0085 U	0.0085 U	0.0085 U	0.0085 U	0.0085 U	0.0085 U	0.0085 U	0.0085 U
Heptachlor epoxide	0.03	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U
Methoxychlor	35	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Toxaphene	0.06	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Herbicides (µg/L)										
2,4,5-T	5	0.065 U	0.68 U	0.065 U	0.065 U	0.066 U	0.065 U	0.065 U	0.065 U	0.065 U
Silvex (2,4,5-TP)	0.26	0.048 U	0.5 U	0.048 U	0.048 U	0.049 U	0.048 U	0.048 U	0.048 U	0.048 U
2,4-D	50	0.16 U	1.7 U	0.16 U	0.16 U	0.17 U	0.16 U	0.16 U	0.16 U	0.16 U
PCBs (µg/L)										
PCB-1016	0.09	0.18 U	0.88 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PCB-1221	0.09	0.18 U	0.88 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PCB-1232	0.09	0.18 U	0.88 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PCB-1242	0.09	0.18 U	0.88 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PCB-1248	0.09	0.18 U	0.88 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PCB-1254	0.09	0.25 U	1.3 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
PCB-1260	0.09	0.25 U	1.3 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SVOCs (µg/L)										
Biphenyl	NE	0.65 U	(b)	0.65 U	0.65 U	3.3 U	0.65 U	0.65 U	0.65 U	0.65 U
bis (2-chloroisopropyl) ether	NE	0.52 U	(b)	0.52 U	0.52 U	2.6 U	0.52 U	0.52 U	0.52 U	0.52 U
2,4,5-Trichlorophenol	NE	0.48 U	(b)	0.48 U	0.48 U	2.4 U	0.48 U	0.48 U	0.48 U	0.48 U
2,4,6-Trichlorophenol	NE	0.61 U	(b)	0.61 U	0.61 U	3.1 U	0.61 U	0.61 U	0.61 U	0.61 U
2,4-Dichlorophenol	5	0.51 U	(b)	0.51 U	0.51 U	2.6 U	0.51 U	0.51 U	0.51 U	0.51 U
2,4-Dimethylphenol	1	0.5 U	(b)	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2,4-Dinitrophenol	1	2.2 U	(b)	2.2 U	2.2 U	11 U	2.2 U	2.2 U	2.2 U	2.2 U
2,4-Dinitrotoluene	5	0.45 U	(b)	0.45 U	0.45 U	2.2 U	0.45 U	0.45 U	0.45 U	0.45 U
2,6-Dinitrotoluene	5	0.4 U	(b)	0.4 U	0.4 U	2 U	0.4 U	0.4 U	0.4 U	0.4 U
2-Chloronaphthalene	*10*	0.46 U	(b)	0.46 U	0.46 U	2.3 U	0.46 U	0.46 U	0.46 U	0.46 U
2-Chlorophenol	NE	0.53 U	(b)	0.53 U	0.53 U	2.7 U	0.53 U	0.53 U	0.53 U	0.53 U
2-Methylnaphthalene	NE	0.6 U	(b)	0.6 U	0.6 U	3 U	0.6 U	0.6 U	0.6 U	0.6 U
2-Methylphenol	NE	0.4 U	(b)	0.4 U	0.4 U	2 U	0.4 U	0.4 U	0.4 U	0.4 U
2-Nitroaniline	5	0.42 U	(b)	0.42 U	0.42 U	2.1 U	0.42 U	0.42 U	0.42 U	0.42 U
2-Nitrophenol	NE	0.48 U	(b)	0.48 U	0.48 U	2.4 U	0.48 U	0.48 U	0.48 U	0.48 U
3,3'-Dichlorobenzidine	5	0.4 U	(b)	0.4 U	0.4 U	2 U	0.4 U	0.4 U	0.4 U	0.4 U
3-Nitroaniline	5	0.48 U	(b)	0.48 U	0.48 U	2.4 U	0.48 U	0.48 U	0.48 U	0.48 U
4,6-Dinitro-2-methylphenol	NE	2.2 U	(b)	2.2 U	2.2 U	11 U	2.2 U	2.2 U	2.2 U	2.2 U
4-Bromophenyl phenyl ether	NE	0.45 U	(b)	0.45 U	0.45 U	2.3 U	0.45 U	0.45 U	0.45 U	0.45 U
4-Chloro-3-methylphenol	NE	0.45 U	(b)	0.45 U	0.45 U	2.3 U	0.45 U	0.45 U	0.45 U	0.45 U
4-Chloroaniline	5	0.59 U	(b)	0.59 U	0.59 U	3 U	0.59 U	0.59 U	0.59 U	0.59 U
4-Chlorophenyl phenyl ether	NE	0.35 U	(b)	0.35 U	0.35 U	1.8 U	0.35 U	0.35 U	0.35 U	0.35 U
4-Methylphenol	NE	0.36 U	(b)	0.36 U	0.36 U	1.8 U	0.36 U	0.36 U	0.36 U	0.36 U
4-Nitroaniline	5	0.25 U	(b)	0.25 U	0.25 U	1.3 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrophenol	NE	1.5 U	(b)	1.5 U	1.5 U	7.6 U	1.5 U	1.5 U	1.5 U	1.5 U
Acenaphthene	*20*	0.41 U	(b)	0.41 U	0.41 U	2.1 U	0.41 U	0.41 U	0.41 U	0.41 U
Acenaphthylene	NE	0.38 U	(b)	0.38 U	0.38 U	1.9 U	0.38 U	0.38 U	0.38 U	0.38 U
Acetophenone	NE	0.54 U	(b)	0.54 U	0.54 U	2.7 U	0.54 U	0.54 U	0.54 U	0.54 U
Anthracene	*50*	0.28 U	(b)	0.28 U	0.28 U	1.4 U	0.28 U	0.28 U	0.28 U	0.28 U
Atrazine	7.5	0.46 U	(b)	0.46 U	0.46 U	2.3 U	0.46 U	0.46 U	0.46 U	0.46 U
Benzaldehyde	NE	0.27 U	(b)	0.27 U	0.27 U	1.3 U	0.27 U	0.27 U	0.27 U	0.27 U
Benzo(a)anthracene	0.002	0.36 U	(b)	0.36 U	0.36 U	1.8 U	0.36 U	0.36 U	0.36 U	0.36 U
Benzo(a)pyrene	NE	0.47 U	(b)	0.47 U	0.47 U	2.4 U	0.47 U	0.47 U	0.47 U	0.47 U
Benzo(b)fluoranthene	0.002	0.34 U	(b)	0.34 U	0.34 U	1.7 U	0.34 U	0.34 U	0.34 U	0.34 U
Benzo(g,h,i)perylene	NE	0.35 U	(b)	0.35 U	0.35 U	1.8 U	0.35 U	0.35 U	0.35 U	0.35 U
Benzo(k)fluoranthene	0.002	0.73 U	(b)	0.73 U	0.73 U	3.7 U	0.73 U	0.73 U	0.73 U	0.73 U
Bis(2-chloroethoxy)methane	5	0.35 U	(b)	0.35 U	0.35 U	1.8 U	0.35 U	0.35 U	0.35 U	0.35 U
Bis(2-chloroethyl)ether	1	0.4 U	(b)	0.4 U	0.4 U	2 U	0.4 U	0.4 U	0.4 U	0.4 U
Bis(2-ethylhexyl) phthalate	5	2.2 U	(b)	2.2 U	2.2 U	11 U	2.2 U	2.2 U	2.2 U	2.2 U
Butyl benzyl phthalate	*50*	1 U	(b)	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Caprolactam	NE	2.2 U	(b)	2.2 U	2.2 U	11 U	2.2 U	2.2 U	2.2 U	2.2 U
Carbazole	NE	0.3 U	(b)	0.3 U	0.3 U	1.5 U	0.3 U	0.3 U	0.3 U	0.3 U
Chrysene	0.002	0.33 U	(b)	0.33 U	0.33 U	1.7 U	0.33 U	0.33 U	0.33 U	0.33 U
Di-n-butyl phthalate	NE	0.31 U	(b)	0.31 U	0.31 U	1.6 U	0.31 U	0.31 U	0.31 U	0.31 U
Di-n-octyl phthalate	NE	0.47 U	(b)	0.47 U	0.47 U	2.4 U	0.47 U	0.47 U	0.47 U	0.47 U
Dibenz(a,h)anthracene	NE	0.42 U	(b)	0.42 U	0.42 U	2.1 U	0.42 U	0.42 U	0.42 U	0.42 U
Dibenzofuran	NE	0.51 U	(b)	0.51 U	0.51 U	2.6 U	0.51 U	0.51 U	0.51 U	0.51 U
Diethyl phthalate	*50*	0.22 U	(b)	0.22 U	0.22 U	1.1 U	0.22 U	0.22 U	0.22 U	0.22 U
Dimethyl phthalate	*50*	0.36 U	(b)	0.36 U	0.36 U	1.8 U	0.36 U	0.36 U	0.36 U	0.36 U
Fluoranthene	*50*	0.4 U	(b)	0.4 U	0.4 U	2 U	0.4 U	0.4 U	0.4 U	0.4 U
Fluorene	*50*	0.36 U	(b)	0.36 U	0.36 U	1.8 U	0.36 U	0.36 U	0.36 U	0.36 U
Hexachlorobenzene	0.04	0.51 U	(b)	0.51 U	0.51 U	2.6 U	0.51 U	0.51 U	0.51 U	0.51 U
Hexachlorobutadiene	0.5	0.68 U	(b)	0.68 U	0.68 U	3.4 U	0.68 U	0.68 U	0.68 U	0.68 U
Hexachlorocyclopentadiene	5	0.59 U	(b)	0.59 U	0.59 U	3 U	0.59 U	0.59 U	0.59 U	0.59 U
Hexachloroethane	5	0.59 U	(b)	0.59 U	0.59 U	3 U	0.59 U	0.59 U	0.59 U	0.59 U
Indeno(1,2,3-cd)pyrene	*0.002*	0.47 U	(b)	0.47 U	0.47 U	2.4 U	0.47 U	0.47 U	0.47 U	0.47 U
Isophorone	*50*	0.43 U	(b)	0.43 U	0.43 U	2.2 U	0.43 U	0.43 U	0.43 U	0.43 U
N-Nitrosodi-n-propylamine	*50*	0.54 U	(b)	0.54 U	0.54 U	2.7 U	0.54 U	0.54 U	0.54 U	0.54 U
N-Nitrosodiphenylamine	*50*	0.51 U	(b)	0.51 U	0.51 U	2.6 U	0.51 U	0.51 U	0.51 U	0.51 U
Naphthalene	*10*	0.76 U	(b)	0.76 U	0.76 U	3.8 U	0.76 U	0.76 U	0.76 U	0.76 U
Nitrobenzene	0.4	0.29 U	(b)	0.29 U	0.29 U	1.5 U	0.29 U	0.29 U	0.29 U	0.29 U
Pentachlorophenol	1	2.2 U	(b)	2.2 U	2.2 U	11 U	2.2 U	2.2 U	2.2 U	2.2 U
Phenanthrene	*50*	0.44 U	(b)	0.44 U	0.44 U	2.2 U	0.44 U	0.44 U	0.44 U	0.44 U
Phenol	1	0.39 U	(b)	0.39 U	0.39 U	2 U	0.39 U	0.39 U	0.39 U	0.39 U
Pyrene	*50*	0.34 U	(b)	0.34 U	0.34 U	1.7 U	0.34 U	0.34 U	0.34 U	0.34 U

Table 4
East Delavan Property (BCP Site #C915196B)
Preliminary Scoping Investigation
Groundwater Sample Results

Analytes	New York State Class GA Ambient Water Quality Standards and *Guidance* Values	FORMER POWER HOUSE AREA								
		FILL			CLAY					
		MW-3	MW-4	MW-405	MW-1A	MW-2A	MW-4A	MW-801A	MW-804A	MW-809A
VOCs (µg/L)										
1,1,1-Trichloroethane	5	0.82 U	8.2 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
1,1,2,2-Tetrachloroethane	5	0.21 U	2.1 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,1,2-Trichloroethane	1	0.23 U	2.3 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	0.31 U	3.1 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
1,1-Dichloroethane	5	0.38 U	3.8 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	1.7
1,1-Dichloroethene	5	0.29 U	2.9 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
1,2,4-Trichlorobenzene	5	0.41 U	4.1 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
1,2-Dibromo-3-Chloropropane	0.04	0.39 U	3.9 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,2-Dibromoethane	NE	0.73 U	7.3 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
1,2-Dichlorobenzene	3	0.79 U	7.9 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-Dichloroethane	1	0.21 U	2.1 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,2-Dichloropropane	5	0.72 U	7.2 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
1,3-Dichlorobenzene	3	0.78 U	7.8 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
1,4-Dichlorobenzene	3	0.84 U	8.4 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U
2-Hexanone	*50*	1.2 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
2-Butanone (MEK)	*50*	1.3 U	13 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
4-Methyl-2-pentanone (MIBK)	NE	2.1 U	21 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
Acetone	*50*	3 U	30 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Benzene	1	0.41 U	4.1 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Bromodichloromethane	5	0.39 U	3.9 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
Bromoform	*50*	0.26 U	2.6 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Bromomethane	5	0.69 U	6.9 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U
Carbon disulfide	*60*	0.19 U	1.9 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Carbon tetrachloride	5	0.27 U	2.7 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
Chlorobenzene	5	0.75 U	7.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Dibromochloromethane	*50*	0.32 U	3.2 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Chloroethane	5	0.32 U	3.2 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Chloroform	7	0.34 U	3.4 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Chloromethane	NE	0.35 U	3.5 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
cis-1,2-Dichloroethene	5	0.81 U	8.1 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U
cis-1,3-Dichloropropene	NE	0.36 U	3.6 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Cyclohexane	NE	0.18 U	1.8 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Dichlorodifluoromethane	5	0.68 U	6.8 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U
Ethylbenzene	5	0.74 U	7.4 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U
Isopropylbenzene	5	0.79 U	7.9 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Methyl acetate	NE	1.3 U	13 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Methyl tert-butyl ether	10	0.16 U	1.6 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Methylcyclohexane	NE	0.16 U	1.6 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Methylene Chloride	5	0.44 U	4.4 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Styrene	5	0.73 U	7.3 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
Tetrachloroethene	5	0.36 U	3.6 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Toluene	5	0.51 U	5.1 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U
trans-1,2-Dichloroethene	5	0.9 U	9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
trans-1,3-Dichloropropene	NE	0.37 U	3.7 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
Trichloroethene	5	0.46 U	4.6 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
Trichlorofluoromethane	5	0.88 U	8.8 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Vinyl chloride	2	0.9 U	9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
Xylenes, Total	5	0.66 U	6.6 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U

Analytes	New York State Class GA Ambient Water Quality Standards and *Guidance* Values	FORMER POWER HOUSE AREA					250 COLORADO STREET SITE PERIMETER			
		CLAY				BEDROCK	FILL			
		MW-810A	MW-811A	MW-812A	MW-813A	MW-1B	CP-31	CP-32	MW-204	CP-29
Metals (mg/L)										
Mercury	0.007	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U	0.00012 U
Arsenic	0.025	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.0056 U	0.007 J	0.0056 U	0.0056 U	0.0056 U
Barium	1	0.055	0.045	0.04	0.016	0.012	0.14	0.061	0.11	0.066
Cadmium	0.005	0.0005 U	0.00083 J	0.00078 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025	0.0005 U
Chromium	0.05	0.001 U	0.001 U	0.001 U	0.0026 J	0.001 U	0.001 U	0.001 U	0.0033 J	0.001 U
Lead	0.025	0.003 U	0.003 U	0.003 U	0.0034 J	0.0067 J	0.003 U	0.003 U	0.0058 J	0.0053 J
Selenium	0.01	0.0087 U	0.0087 U	0.0087 U	0.0087 U	0.0087 U	0.0087 U	0.0087 U	0.0087 U	0.0087 U
Silver	0.05	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U
Pesticides (µg/L)										
4,4'-DDD	0.3	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U
4,4'-DDE	0.2	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U
4,4'-DDT	0.2	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
Aldrin	NE	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U
alpha-BHC	0.010	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U
cis-Chlordane	0.05	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
beta-BHC	0.04	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
delta-BHC	0.04	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.013 J B	0.01 U	0.01 U
Dieldrin	0.004	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U
Endosulfan I	NE	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
Endosulfan II	NE	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U
Endosulfan sulfate	NE	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Endrin	NE	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Endrin aldehyde	5.00	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Endrin ketone	5.00	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.017 J
gamma-BHC (Lindane)	0.05	0.008 U	0.008 U	0.008 U	0.008 U	0.024 J	0.008 U	0.008 U	0.008 U	0.008 U
trans-Chlordane	0.05	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
Heptachlor	0.04	0.0085 U	0.0085 U	0.0085 U	0.0085 U	0.0085 U	0.0085 U	0.0085 U	0.0085 U	0.0085 U
Heptachlor epoxide	0.03	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U
Methoxychlor	35	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Toxaphene	0.06	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Herbicides (µg/L)										
2,4,5-T	5	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Silvex (2,4,5-TP)	0.26	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U
2,4-D	50	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
PCBs (µg/L)										
PCB-1016	0.09	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PCB-1221	0.09	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PCB-1232	0.09	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PCB-1242	0.09	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PCB-1248	0.09	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PCB-1254	0.09	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
PCB-1260	0.09	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
SVOCs (µg/L)										
Biphenyl	NE	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
bis (2-chloroisopropyl) ether	NE	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
2,4,5-Trichlorophenol	NE	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
2,4,6-Trichlorophenol	NE	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
2,4-Dichlorophenol	5	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U
2,4-Dimethylphenol	1	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
2,4-Dinitrophenol	1	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
2,4-Dinitrotoluene	5	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
2,6-Dinitrotoluene	5	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-Chloronaphthalene	*10*	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
2-Chlorophenol	NE	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
2-Methylnaphthalene	NE	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
2-Methylphenol	NE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
2-Nitroaniline	5	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
2-Nitrophenol	NE	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
3,3'-Dichlorobenzidine	5	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3-Nitroaniline	5	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
4,6-Dinitro-2-methylphenol	NE	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
4-Bromophenyl phenyl ether	NE	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
4-Chloro-3-methylphenol	NE	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
4-Chloroaniline	5	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
4-Chlorophenyl phenyl ether	NE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
4-Methylphenol	NE	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
4-Nitroaniline	5	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Nitrophenol	NE	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Acenaphthene	*20*	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Acenaphthylene	NE	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Acetophenone	NE	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Anthracene	*50*	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Atrazine	7.5	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
Benzaldehyde	NE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
Benzo(a)anthracene	0.002	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Benzo(a)pyrene	NE	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Benzo(b)fluoranthene	0.002	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Benzo(g,h,i)perylene	NE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Benzo(k)fluoranthene	0.002	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
Bis(2-chloroethoxy)methane	5	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Bis(2-chloroethyl)ether	1	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Bis(2-ethylhexyl) phthalate	5	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Butyl benzyl phthalate	*50*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Caprolactam	NE	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Carbazole	NE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Chrysene	0.002	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Di-n-butyl phthalate	NE	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Di-n-octyl phthalate	NE	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Dibenz(a,h)anthracene	NE	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Dibenzofuran	NE	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U
Diethyl phthalate	*50*	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Dimethyl phthalate	*50*	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Fluoranthene	*50*	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Fluorene	*50*	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Hexachlorobenzene	0.04	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U
Hexachlorobutadiene	0.5	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U
Hexachlorocyclopentadiene	5	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Hexachloroethane	5	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Indeno(1,2,3-cd)pyrene	*0.002*	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Isophorone	*50*	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
N-Nitrosodi-n-propylamine	*50*	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
N-Nitrosodiphenylamine	*50*	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U
Naphthalene	*10*	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U
Nitrobenzene	0.4	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Pentachlorophenol	1	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Phenanthrene	*50*	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Phenol	1	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
Pyrene	*50*	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U

Table 4
East Delavan Property (BCP Site #C915196B)
Preliminary Scoping Investigation
Groundwater Sample Results

Analytes	New York State Class GA Ambient Water Quality Standards and *Guidance* Values	FORMER POWER HOUSE AREA					250 COLORADO STREET SITE PERIMETER			
		CLAY				BEDROCK	FILL			
		MW-810A	MW-811A	MW-812A	MW-813A	MW-1B	CP-31	CP-32	MW-204	CP-29
VOCs (µg/L)										
1,1,1-Trichloroethane	5	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	3.3 U
1,1,2,2-Tetrachloroethane	5	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.84 U
1,1,2-Trichloroethane	1	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.92 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	1.2 U
1,1-Dichloroethane	5	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	2.7	0.38 U	0.38 U	1.5 U
1,1-Dichloroethene	5	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	1.2 U
1,2,4-Trichlorobenzene	5	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	1.6 U
1,2-Dibromo-3-Chloropropane	0.04	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	1.6 U
1,2-Dibromoethane	NE	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	2.9 U
1,2-Dichlorobenzene	3	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	3.2 U
1,2-Dichloroethane	1	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.84 U
1,2-Dichloropropane	5	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	2.9 U
1,3-Dichlorobenzene	3	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	3.1 U
1,4-Dichlorobenzene	3	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	3.4 U
2-Hexanone	*50*	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5 U
2-Butanone (MEK)	*50*	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	5.3 U
4-Methyl-2-pentanone (MIBK)	NE	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	8.4 U
Acetone	*50*	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	12 U
Benzene	1	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	1.6 U
Bromodichloromethane	5	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	1.6 U
Bromoform	*50*	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	1 U
Bromomethane	5	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	0.69 U	2.8 U
Carbon disulfide	*60*	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.76 U
Carbon tetrachloride	5	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	1.1 U
Chlorobenzene	5	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	3 U
Dibromochloromethane	*50*	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	1.3 U
Chloroethane	5	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	1.3 U
Chloroform	7	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	1.4 U
Chloromethane	NE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	1.4 U
cis-1,2-Dichloroethene	5	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	3.2 U
cis-1,3-Dichloropropene	NE	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	1.4 U
Cyclohexane	NE	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.72 U
Dichlorodifluoromethane	5	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	2.7 U
Ethylbenzene	5	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	3 U
Isopropylbenzene	5	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	3.2 U
Methyl acetate	NE	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	5.2 U
Methyl tert-butyl ether	10	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.64 U
Methylcyclohexane	NE	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.64 U
Methylene Chloride	5	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	2.4 J
Styrene	5	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	2.9 U
Tetrachloroethene	5	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	1.4 U
Toluene	5	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	2 U
trans-1,2-Dichloroethene	5	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	3.6 U
trans-1,3-Dichloropropene	NE	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	1.5 U
Trichloroethene	5	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	1.3	2.7	0.46 U	1.8 U
Trichlorofluoromethane	5	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	3.5 U
Vinyl chloride	2	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	3.6 U
Xylenes, Total	5	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	2.6 U

Table 4
East Delavan Property (BCP Site #C915196B)
Preliminary Scoping Investigation
Groundwater Sample Results

Analytes	New York State Class GA Ambient Water Quality Standards and *Guidance* Values	250 COLORADO STREET SITE PERIMETER							
		CLAY				BEDROCK			
		CP-31A		CP-32A		CP-21B		MW-5B	
Metals (mg/L)									
Mercury	0.007	0.00012	U	0.00012	U	0.00012	U	0.00012	U
Arsenic	0.025	0.0056	U	0.0056	U	0.0056	U	0.0056	U
Barium	1	0.16		0.11		0.27		0.049	
Cadmium	0.005	0.00067	J	0.00099	J	0.0005	U	0.0005	U
Chromium	0.05	0.001	U	0.0045		0.0043		0.0052	
Lead	0.025	0.003	U	0.026		0.017		0.014	
Selenium	0.01	0.0087	U	0.0087	U	0.0087	U	0.0087	U
Silver	0.05	0.0017	U	0.0017	U	0.0017	U	0.0017	U
Pesticides (µg/L)									
4,4'-DDD	0.3	0.0092	U	0.0092	U	0.017	J	0.0092	U
4,4'-DDE	0.2	0.012	U	0.012	U	0.012	U	0.012	U
4,4'-DDT	0.2	0.011	U	0.011	U	0.011	U	0.011	U
Aldrin	NE	0.0081	U	0.0081	U	0.0081	U	0.0081	U
alpha-BHC	0.010	0.0077	U	0.0077	U	0.0077	U	0.0077	U
cis-Chlordane	0.05	0.015	U	0.015	U	0.015	U	0.015	U
beta-BHC	0.04	0.025	U	0.025	U	0.025	U	0.025	U
delta-BHC	0.04	0.016	JB	0.01	U	0.01	U	0.024	JB
Dieldrin	0.004	0.0098	U	0.0098	U	0.0098	U	0.0098	U
Endosulfan I	NE	0.011	U	0.011	U	0.011	U	0.011	U
Endosulfan II	NE	0.012	U	0.012	U	0.012	U	0.012	U
Endosulfan sulfate	NE	0.016	J	0.016	U	0.016	U	0.016	U
Endrin	NE	0.014	U	0.014	U	0.014	U	0.014	U
Endrin aldehyde	5.00	0.029	J	0.016	U	0.016	U	0.016	U
Endrin ketone	5.00	0.012	U	0.012	U	0.012	U	0.012	U
gamma-BHC (Lindane)	0.05	0.008	U	0.0081	J	0.008	U	0.008	U
trans-Chlordane	0.05	0.011	U	0.011	U	0.011	U	0.011	U
Heptachlor	0.04	0.0085	U	0.0085	U	0.0085	U	0.0085	U
Heptachlor epoxide	0.03	0.0074	U	0.0074	U	0.0074	U	0.0074	U
Methoxychlor	35	0.028	J	0.014	U	0.014	U	0.014	U
Toxaphene	0.06	0.12	U	0.12	U	0.12	U	0.12	U
Herbicides (µg/L)									
2,4,5-T	5	0.065	U	0.065	U	0.065	U	0.065	U
Silvex (2,4,5-TP)	0.26	0.048	U	0.048	U	0.048	U	0.048	U
2,4-D	50	0.16	U	0.16	U	0.16	U	0.16	U
PCBs (µg/L)									
PCB-1016	0.09	0.18	U	0.18	U	0.18	U	0.18	U
PCB-1221	0.09	0.18	U	0.18	U	0.18	U	0.18	U
PCB-1232	0.09	0.18	U	0.18	U	0.18	U	0.18	U
PCB-1242	0.09	0.18	U	0.18	U	0.18	U	0.18	U
PCB-1248	0.09	0.18	J	0.76		0.18	U	0.18	U
PCB-1254	0.09	0.25	U	0.25	U	0.25	U	0.25	U
PCB-1260	0.09	0.25	U	0.25	U	0.25	U	0.25	U
SVOCs (µg/L)									
Biphenyl	NE	3.3	U	3.3	U	0.65	U	0.65	U
bis (2-chloroisopropyl) ether	NE	2.6	U	2.6	U	0.52	U	0.52	U
2,4,5-Trichlorophenol	NE	2.4	U	2.4	U	0.48	U	0.48	U
2,4,6-Trichlorophenol	NE	3.1	U	3.1	U	0.61	U	0.61	U
2,4-Dichlorophenol	5	2.6	U	2.6	U	0.51	U	0.51	U
2,4-Dimethylphenol	1	2.5	U	2.5	U	0.5	U	0.5	U
2,4-Dinitrophenol	1	11	U	11	U	2.2	U	2.2	U
2,4-Dinitrotoluene	5	2.2	U	2.2	U	0.45	U	0.45	U
2,6-Dinitrotoluene	5	2	U	2	U	0.4	U	0.4	U
2-Chloronaphthalene	*10*	2.3	U	2.3	U	0.46	U	0.46	U
2-Chlorophenol	NE	2.7	U	2.7	U	0.53	U	0.53	U
2-Methylnaphthalene	NE	3	U	3	U	0.6	U	0.6	U
2-Methylphenol	NE	2	U	2	U	0.4	U	0.4	U
2-Nitroaniline	5	2.1	U	2.1	U	0.42	U	0.42	U
2-Nitrophenol	NE	2.4	U	2.4	U	0.48	U	0.48	U
3,3'-Dichlorobenzidine	5	2	U	2	U	0.4	U	0.4	U
3-Nitroaniline	5	2.4	U	2.4	U	0.48	U	0.48	U
4,6-Dinitro-2-methylphenol	NE	11	U	11	U	2.2	U	2.2	U
4-Bromophenyl phenyl ether	NE	2.3	U	2.3	U	0.45	U	0.45	U
4-Chloro-3-methylphenol	NE	2.3	U	2.3	U	0.45	U	0.45	U
4-Chloroaniline	5	3	U	3	U	0.59	U	0.59	U
4-Chlorophenyl phenyl ether	NE	1.8	U	1.8	U	0.35	U	0.35	U
4-Methylphenol	NE	1.8	U	1.8	U	0.36	U	0.36	U
4-Nitroaniline	5	1.3	U	1.3	U	0.25	U	0.25	U
4-Nitrophenol	NE	7.6	U	7.6	U	1.5	U	1.5	U
Acenaphthene	*20*	2.1	U	2.1	U	0.41	U	0.41	U
Acenaphthylene	NE	1.9	U	1.9	U	0.38	U	0.38	U
Acetophenone	NE	2.7	U	2.7	U	0.54	U	0.54	U
Anthracene	*50*	1.4	U	1.4	U	0.28	U	0.28	U
Atrazine	7.5	2.3	U	2.3	U	0.46	U	0.46	U
Benzaldehyde	NE	1.3	U	1.3	U	0.27	U	0.27	U
Benzo(a)anthracene	0.002	1.8	U	1.8	U	0.36	U	0.36	U
Benzo(a)pyrene	NE	2.4	U	2.4	U	0.47	U	0.47	U
Benzo(b)fluoranthene	0.002	1.7	U	1.7	U	0.34	U	0.34	U
Benzo(g,h,i)perylene	NE	1.8	U	1.8	U	0.35	U	0.35	U
Benzo(k)fluoranthene	0.002	3.7	U	3.7	U	0.73	U	0.73	U
Bis(2-chloroethoxy)methane	5	1.8	U	1.8	U	0.35	U	0.35	U
Bis(2-chloroethyl)ether	1	2	U	2	U	0.4	U	0.4	U
Bis(2-ethylhexyl) phthalate	5	11	U	11	U	2.2	U	2.2	U
Butyl benzyl phthalate	*50*	5	U	5	U	1	U	1	U
Caprolactam	NE	11	U	11	U	2.2	U	2.2	U
Carbazole	NE	1.5	U	1.5	U	0.3	U	0.3	U
Chrysene	0.002	1.7	U	1.7	U	0.33	U	0.33	U
Di-n-butyl phthalate	NE	1.6	U	1.6	U	0.31	U	0.31	U
Di-n-octyl phthalate	NE	2.4	U	2.4	U	0.47	U	0.47	U
Dibenz(a,h)anthracene	NE	2.1	U	2.1	U	0.42	U	0.42	U
Dibenzofuran	NE	2.6	U	2.6	U	0.51	U	0.51	U
Diethyl phthalate	*50*	1.1	U	1.1	U	0.22	U	0.22	U
Dimethyl phthalate	*50*	1.8	U	1.8	U	0.36	U	0.36	U
Fluoranthene	*50*	2	U	2	U	0.4	U	0.4	U
Fluorene	*50*	1.8	U	1.8	U	0.36	U	0.36	U
Hexachlorobenzene	0.04	2.6	U	2.6	U	0.51	U	0.51	U
Hexachlorobutadiene	0.5	3.4	U	3.4	U	0.68	U	0.68	U
Hexachlorocyclopentadiene	5	3	U	3	U	0.59	U	0.59	U
Hexachloroethane	5	3	U	3	U	0.59	U	0.59	U
Indeno(1,2,3-cd)pyrene	*0.002*	2.4	U	2.4	U	0.47	U	0.47	U
Isophorone	*50*	2.2	U	2.2	U	0.43	U	0.43	U
N-Nitrosodi-n-propylamine	*50*	2.7	U	2.7	U	0.54	U	0.54	U
N-Nitrosodiphenylamine	*50*	2.6	U	2.6	U	0.51	U	0.51	U
Naphthalene	*10*	3.8	U	3.8	U	0.76	U	0.76	U
Nitrobenzene	0.4	1.5	U	1.5	U	0.29	U	0.29	U
Pentachlorophenol	1	11	U	11	U	2.2	U	2.2	U
Phenanthrene	*50*	2.2	U	2.2	U	0.44	U	0.44	U
Phenol	1	2	U	2	U	0.39	U	0.39	U
Pyrene	*50*	1.7	U	1.7	U	0.34	U	0.34	U

Table 4
East Delavan Property (BCP Site #C915196B)
Preliminary Scoping Investigation
Groundwater Sample Results

Analytes	New York State Class GA Ambient Water Quality Standards and *Guidance* Values	250 COLORADO STREET SITE PERIMETER							
		CLAY				BEDROCK			
		CP-31A		CP-32A		CP-21B		MW-5B	
VOCs (µg/L)									
1,1,1-Trichloroethane	5	0.82	U	3.3	U	0.82	U	0.82	U
1,1,2,2-Tetrachloroethane	5	0.21	U	0.84	U	0.21	U	0.21	U
1,1,2-Trichloroethane	1	0.23	U	0.92	U	0.23	U	0.23	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	0.31	U	1.2	U	0.31	U	0.31	U
1,1-Dichloroethane	5	13		1.5	U	0.38	U	0.38	U
1,1-Dichloroethene	5	0.29	U	1.2	U	0.29	U	0.29	U
1,2,4-Trichlorobenzene	5	0.41	U	1.6	U	0.41	U	0.41	U
1,2-Dibromo-3-Chloropropane	0.04	0.39	U	1.6	U	0.39	U	0.39	U
1,2-Dibromoethane	NE	0.73	U	2.9	U	0.73	U	0.73	U
1,2-Dichlorobenzene	3	0.79	U	3.2	U	0.79	U	0.79	U
1,2-Dichloroethane	1	0.21	U	0.84	U	0.21	U	0.21	U
1,2-Dichloropropane	5	0.72	U	2.9	U	0.72	U	0.72	U
1,3-Dichlorobenzene	3	0.78	U	3.1	U	0.78	U	0.78	U
1,4-Dichlorobenzene	3	0.84	U	3.4	U	0.84	U	0.84	U
2-Hexanone	*50*	1.2	U	5	U	1.2	U	1.2	U
2-Butanone (MEK)	*50*	1.3	U	5.3	U	1.3	U	1.3	U
4-Methyl-2-pentanone (MIBK)	NE	2.1	U	8.4	U	2.1	U	2.1	U
Acetone	*50*	3.2	J	12	U	3	U	6.4	J
Benzene	1	0.41	U	1.6	U	0.41	U	0.41	U
Bromodichloromethane	5	0.39	U	1.6	U	0.39	U	0.39	U
Bromoform	*50*	0.26	U	1	U	0.26	U	0.26	U
Bromomethane	5	0.69	U	2.8	U	0.69	U	0.69	U
Carbon disulfide	*60*	0.19	U	0.76	U	0.19	U	0.19	U
Carbon tetrachloride	5	0.27	U	1.1	U	0.27	U	0.27	U
Chlorobenzene	5	0.75	U	3	U	0.75	U	0.75	U
Dibromochloromethane	*50*	0.32	U	1.3	U	0.32	U	0.32	U
Chloroethane	5	1.4		1.3	U	0.32	U	0.32	U
Chloroform	7	0.34	U	1.4	U	0.34	U	0.34	U
Chloromethane	NE	0.35	U	1.4	U	0.35	U	0.35	U
cis-1,2-Dichloroethene	5	0.81	U	3.2	U	0.81	U	0.81	U
cis-1,3-Dichloropropene	NE	0.36	U	1.4	U	0.36	U	0.36	U
Cyclohexane	NE	0.18	U	0.72	U	0.18	U	0.18	U
Dichlorodifluoromethane	5	0.68	U	2.7	U	0.68	U	0.68	U
Ethylbenzene	5	0.74	U	3	U	0.74	U	0.74	U
Isopropylbenzene	5	0.79	U	3.2	U	0.79	U	0.79	U
Methyl acetate	NE	1.3	U	5.2	U	1.3	U	1.3	U
Methyl tert-butyl ether	10	0.16	U	0.64	U	0.16	U	0.16	U
Methylcyclohexane	NE	0.16	U	0.64	U	0.16	U	0.16	U
Methylene Chloride	5	0.44	U	2.2	J	0.44	U	0.44	U
Styrene	5	0.73	U	2.9	U	0.73	U	0.73	U
Tetrachloroethene	5	0.36	U	1.4	U	0.36	U	0.36	U
Toluene	5	0.51	U	2	U	0.51	U	0.51	U
trans-1,2-Dichloroethene	5	0.9	U	3.6	U	0.9	U	0.9	U
trans-1,3-Dichloropropene	NE	0.37	U	1.5	U	0.37	U	0.37	U
Trichloroethene	5	0.46	U	1.8	U	0.46	U	0.46	U
Trichlorofluoromethane	5	0.88	U	3.5	U	0.88	U	0.88	U
Vinyl chloride	2	0.9	U	3.6	U	0.9	U	0.9	U
Xylenes, Total	5	0.66	U	2.6	U	0.66	U	0.66	U

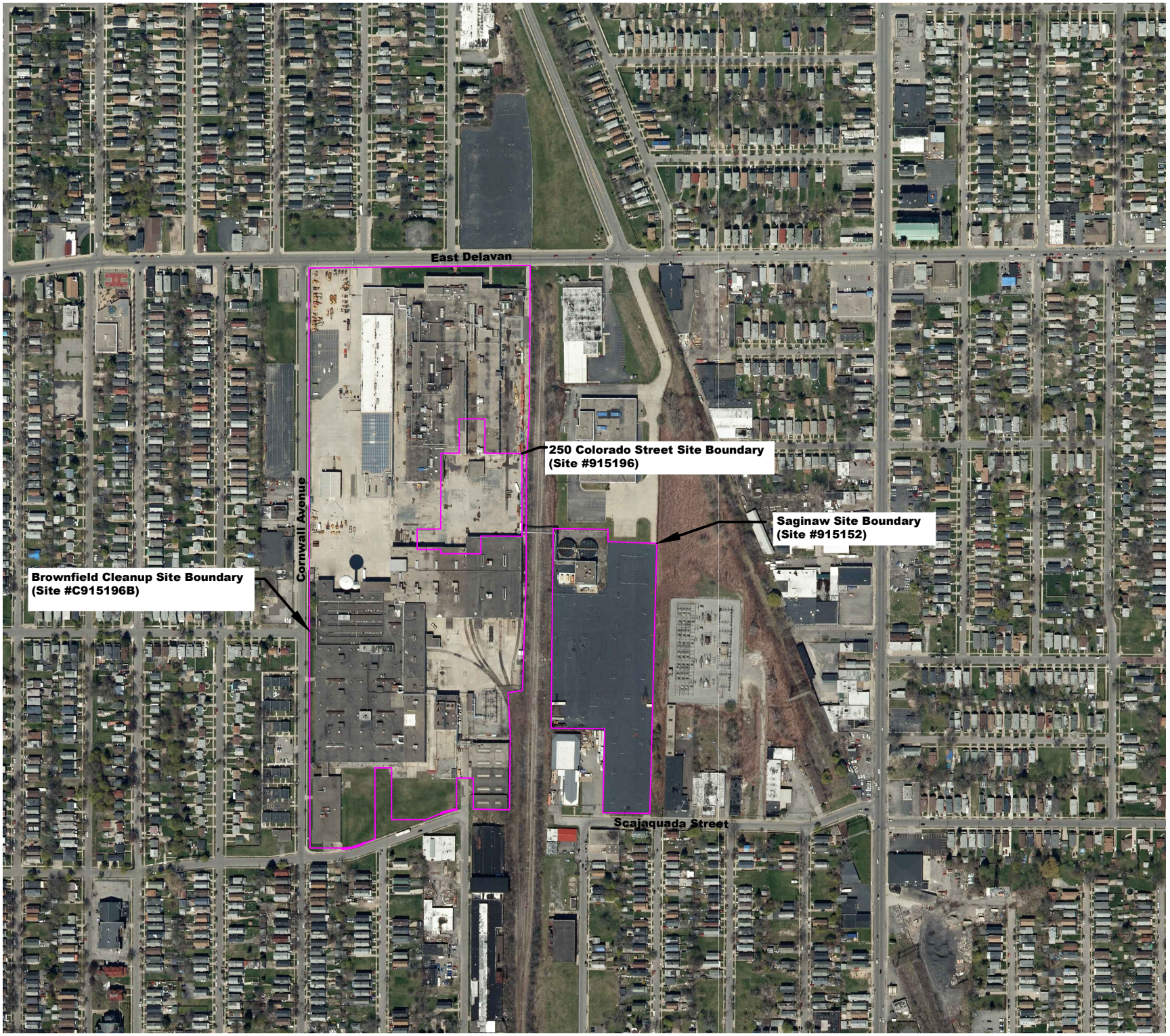
a/ Values in bold indicate a detection or estimated detection.
b/ Insufficient sample volume (dry and non-recovering well) to complete full suite of analysis.
U = Not detected at reporting limit shown; J = Estimated value below reporting limit. NE = Standard Not Established
Red shaded values indicate an exceedance of the Class GA Standard. Includes samples that were ND but reporting limit elevated due to matrix.

Table 5
East Delavan Property (BCP Site #C915196B)
Preliminary Scoping Investigation Groundwater Sample Results
Emerging Contaminants

Analytes (a)	Screening Standards (b)	FORMER MACHINING AREA				FORMER POWER HOUSE AREA						250 COLORADO STREET SITE PERIMETER		
		FILL		CLAY	BEDROCK	FILL	CLAY				BEDROCK	CLAY	BEDROCK	
		MW-102	CP-2	CP-2A	MW-6B	MW-405	MW-1A	MW-801A	MW-812A	MW-813A	MW-1B	CP-31A	CP-21B	MW-5B
Fluorinated Alkyl Substances (PFAS) (ng/L)														
Perfluorobutanoic acid (PFBA)	100	0.33 U	4.3 B	3.1 B	2.3 B	3.2 B	3.1 B	2.6 B	1.8 B	9.6 B	3.3 B	0.33 U	0.32 U	3.8
Perfluoropentanoic acid (PFPeA)	100	0.46 U	0.46 U	0.59 J	1 J	1.1 J	0.47 U	0.73 J	1.2 J	18	0.69 J	0.46 U	13	4
Perfluorohexanoic acid (PFHxA)	100	0.54 U	2.5	0.51 J	0.56 U	0.83 J	0.56 U	0.52 U	0.97 J	14	0.55 U	2.7 U	12	2.6
Perfluoroheptanoic acid (PFHpA)	100	0.23 U	1.9	0.42 J	0.4 J	0.53 J	0.24 U	0.22 U	0.42 J	10	0.73 J	1.2 U	2.5	0.96 J
Perfluorooctanoic acid (PFOA)	10	2.2	5.6	1.1 J	1.8 J	0.94 J	0.82 U	1.9	1.2 J	13	0.92 J	3.3	1.9	1.1 J
Perfluorononanoic acid (PFNA)	100	2.5	1.9	0.23 U	0.26 U	0.26 JI	0.26 U	0.38 J	0.25 U	2	0.32 J	2.8	0.7 J	0.44 J
Perfluorodecanoic acid (PFDA)	100	0.29 U	1.1 J	0.27 U	0.3 U	0.27 U	0.3 U	0.28 U	0.28 U	0.87 J	0.29 U	0.29 U	0.29 U	0.29 U
Perfluoroundecanoic acid (PFUnA)	100	1 U	1 U	0.95 U	1.1 U	0.96 U	1.1 U	0.98 U	1 U	1 U	1 U	1 U	1 U	1 U
Perfluorododecanoic acid (PFDoA)	100	0.51 U	0.52 U	0.48 U	0.53 U	0.48 U	0.53 U	0.49 U	0.5 U	0.52 U	0.52 U	2.6 U	0.51 U	0.51 U
Perfluorotridecanoic acid (PFTriA)	100	1.2 U	1.2 U	1.1 U	1.3 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.1 U	1.2 U	1.2 U
Perfluorotetradecanoic acid (PFTeA)	100	0.27 U	0.27 U	0.25 U	0.28 U	0.25 U	0.28 U	0.26 U	0.26 U	0.27 U	0.28 U	1.4 U	0.27 U	0.27 U
Perfluorobutanesulfonic acid (PFBS)	100	0.19 U	0.19 U	0.17 U	0.73 J	0.17 U	0.19 U	1.1 J	0.81 J	0.39 J	0.32 J	0.19 U	0.18 U	0.31 J
Perfluorohexanesulfonic acid (PFHxS)	100	0.16 U	1 JB	0.4 JIB	0.69 JB	0.45 JB	0.63 JB	0.83 JB	0.66 JB	0.89 J B	0.29 JB	0.8 U	0.96 J B	0.43 JB
Perfluoroheptanesulfonic Acid (PFHpS)	100	0.18 U	0.18 U	0.16 U	0.18 U	0.17 U	0.18 U	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.17 U
Perfluorooctanesulfonic acid (PFOS)	10	9.2	5.8	0.47 U	1.3 JI	1 J	0.52 U	0.48 U	0.49 U	4.3	0.85 J	28	1.6 J	1.9
Perfluorodecanesulfonic acid (PFDS)	100	0.3 U	1.3 J	0.28 U	0.31 U	0.28 U	0.31 U	0.29 U	0.29 U	0.3 U	0.3 U	0.3 U	0.3 U	0.29 U
Perfluorooctanesulfonamide (FOSA)	100	0.33 U	1 J	0.32 JB	0.34 U	0.54 JB	0.34 U	0.41 JB	0.32 U	0.85 J B	0.4 JB	1.6 J	0.4 J	0.61 J
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	100	2.9 U	2.9 U	2.7 U	3 U	2.7 U	3 U	2.8 U	2.8 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	100	1.8 U	1.8 U	1.6 U	1.8 U	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
6:2 FTS	100	1.9 U	34	2.6 J	1.9 U	1.7 U	4 J	1.8 U	99	20	1.9 U	9.4 U	8.4 J	1.8 U
8:2 FTS	100	1.9 U	1.9 U	1.7 U	1.9 U	1.7 U	1.9 U	1.8 U	1.8 U	4.4 J	1.9 U	9.4 U	1.8 U	1.8 U
SVOCs (µg/L)														
1,4-Dioxane	NE	13 E	0.096 U	0.17 J	0.095 U	0.095 U	0.24	0.095 U	0.095 U	0.26	0.35	16	0.93	0.5

a/ Values in bold indicate a detection or estimated detection.
ng/L = nanograms per liter (equivalent to parts per trillion "ppt")
b/ No regulatory standards established. PFOA/PFAS screening guidelines from NYSDECs Guideliens for Sampling and Analysis of PFAS Under NYSDECs Part 375 Remedial Programs (January 2020).

Figures



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1001 EAST DELAVAN AVE.
BUFFALO, NEW YORK
BROWNFIELD CLEANUP PROGRAM
SITE #C915196B

FIGURE 1
SITE LOCATION

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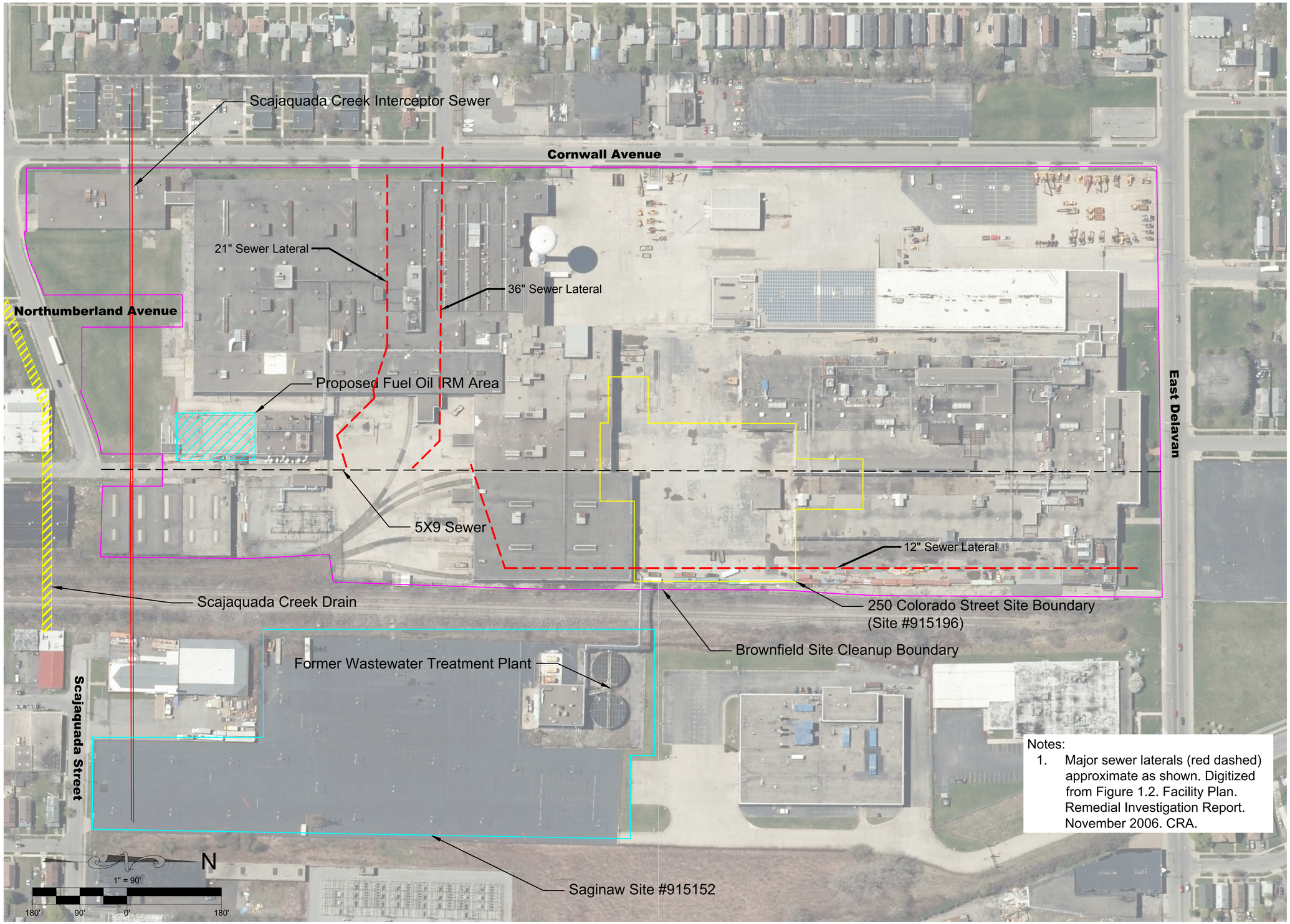
FIGURE 01

SCALE: 1" = 400'



Notes:

1. Major sewer laterals (red dashed) approximate as shown. Digitized from Figure 1.2. Facility Plan. Remedial Investigation Report. November 2006. CRA.

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FIGURE 02
SITE LAYOUT

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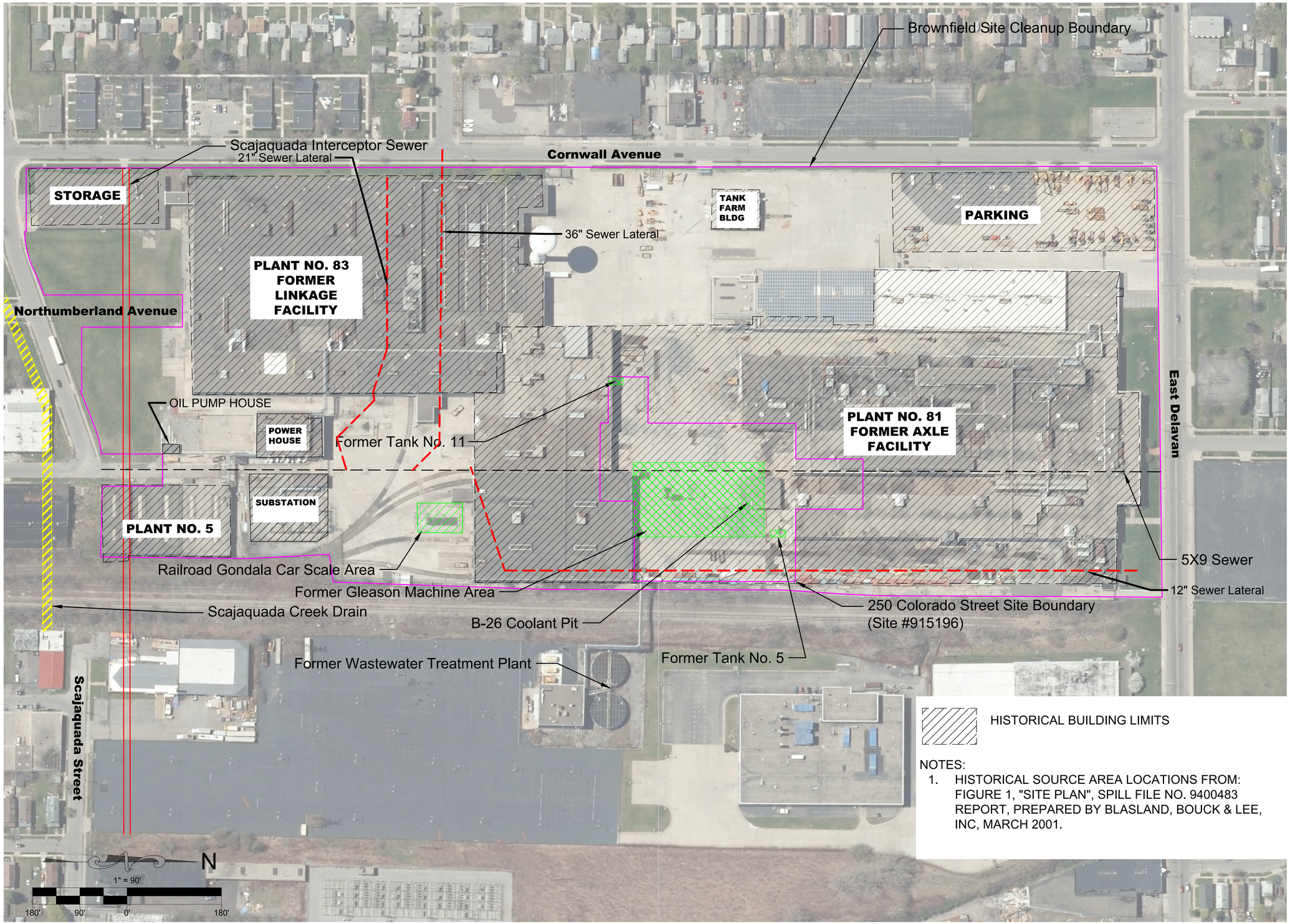
FIGURE-02



NOTES:

1. HISTORICAL SOURCE AREA LOCATIONS FROM: FIGURE 1, "SITE PLAN", SPILL FILE NO. 9400483 REPORT, PREPARED BY BLASLAND, BOUCK & LEE, INC, MARCH 2001.

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FIGURE 02B
HISTORICAL USE

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FIGURE 02B

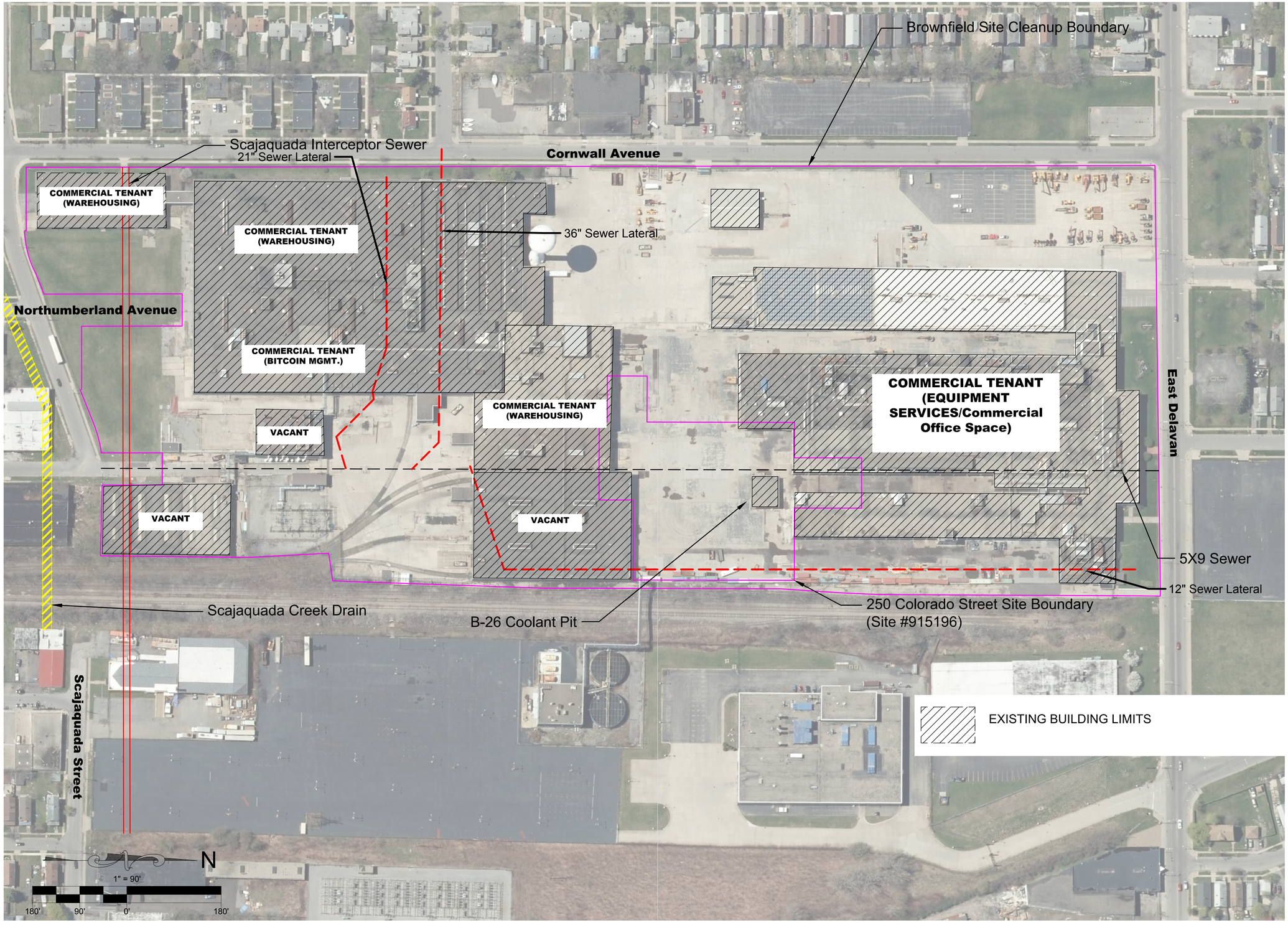

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FIGURE 02C
EXISTING
OCCUPANCY

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FIGURE 02C

Brownfield Site Cleanup Boundary

Scajaquada Interceptor Sewer

Cornwall Avenue

21" Sewer Lateral

36" Sewer Lateral

PIPES, PITS, AND SUMPS FILLED AND SEALED BY EDP

Northumberland Avenue

East Delavan

Former Tank No. 11

5X9 Sewer

B-26 Coolant Pit

Former Scrap Metal Pit

Former Gleason Machine Area

12" Sewer Lateral

Scajaquada Creek Drain

250 Colorado Street Site Boundary (Site #915196)

Former Wastewater Treatment Plant

Former Tank No. 5

Scajaquada Street

N

1" = 90'

180' 90' 0' 180'

Saginaw Site #915152

NOTES:

1. LOCATION OF PIPES, PITS, AND SUMPS CLEANED AND FILLED BY EDP ARE BASED ON FORMER GM/AAM MANUFACTURING FACILITY COLUMNS (NOT SHOWN) AND SHOULD BE CONSIDERED APPROXIMATE AS SHOWN.
2. HISTORICAL SOURCE AREA LOCATIONS FROM: FIGURE 1, "SITE PLAN", SPILL FILE NO. 9400483 REPORT, PREPARED BY BLASLAND, BOUCK & LEE, INC, MARCH 2001

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PRELIMINARY SCOPING INVESTIGATION

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FIGURE 03
HISTORICAL SOURCE AREAs and EDP VOLUNTARY SOURCE AREA REMOVAL EFFORTS

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FIGURE 03

SS-9		
SVOCs	(0 to 2")	(2 to 12")
BENZO(A)PYRENE	1100 µg/kg	1500 µg/kg

SS-3	
SVOCs	(0 to 2")
BENZO(A)PYRENE	4300 µg/kg

Scajaquada Interceptor Sewer

Cornwall Avenue

Northumberland Avenue

East Delavan

SS-1 SS-2 SS-3 SS-4 SS-5 SS-6 SS-7 SS-8 SS-9 SS-10 SS-11 SS-12 SS-13

SB-116 (Total PCBs, VOCs, Napthalene)

SB-2-1 (SVOCs)

MW-205 (Total PCBs)

SB-6-1 (SVOCs)

CP-4A (Total PCBs)

CP-2A (Total PCBs)

5X9 Sewer

Scajaquada Creek Drain

250 Colorado Street Site Boundary (Site #915196)

Brownfield Site Cleanup Boundary

Saginaw Site #915152

Scajaquada Street

N

1" = 90'

180' 90' 0' 180'

- Preliminary Scoping Investigation Surficial Soil Sample Location (Nov. 2019)
- Pre-RI Subsurface Sample Locations (Pre-2001, by others)
- RI and RI Addendum Subsurface Sample Locations (2001-2009, by others)

Notes:

PRELIMINARY SCOPING INVESTIGATION:

1. RI Parameters (Metals, Pesticides/Herbices, PCBs, SVOCs, and VOCs): Only those analytes detected above Part 375 Industrial SCOs are shown.

HISTORICAL INVESTIGATIONS:

1. Location shown if a sample was collected for laboratory analysis. Additional borings where only a qualitative assessment is available (ex. lithological characterization, field screening [odors, staining, etc...]) are not shown.
2. No results from historical investigation samples shown exceeded Part 375 Industrial SCOs. Parameter(s) analyzed at each location are in parentheses.

NYSDEC 6NYCRR Part 375 SCOs		
Analytes	Commercial	Industrial
SVOCs (µg/kg)		
BENZO(A)PYRENE	1,000	1,100

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PRELIMINARY SCOPING INVESTIGATION

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FIGURE 04
HISTORICAL AND PRELIMINARY SCOPING INVESTIGATION SOIL SAMPLE RESULTS

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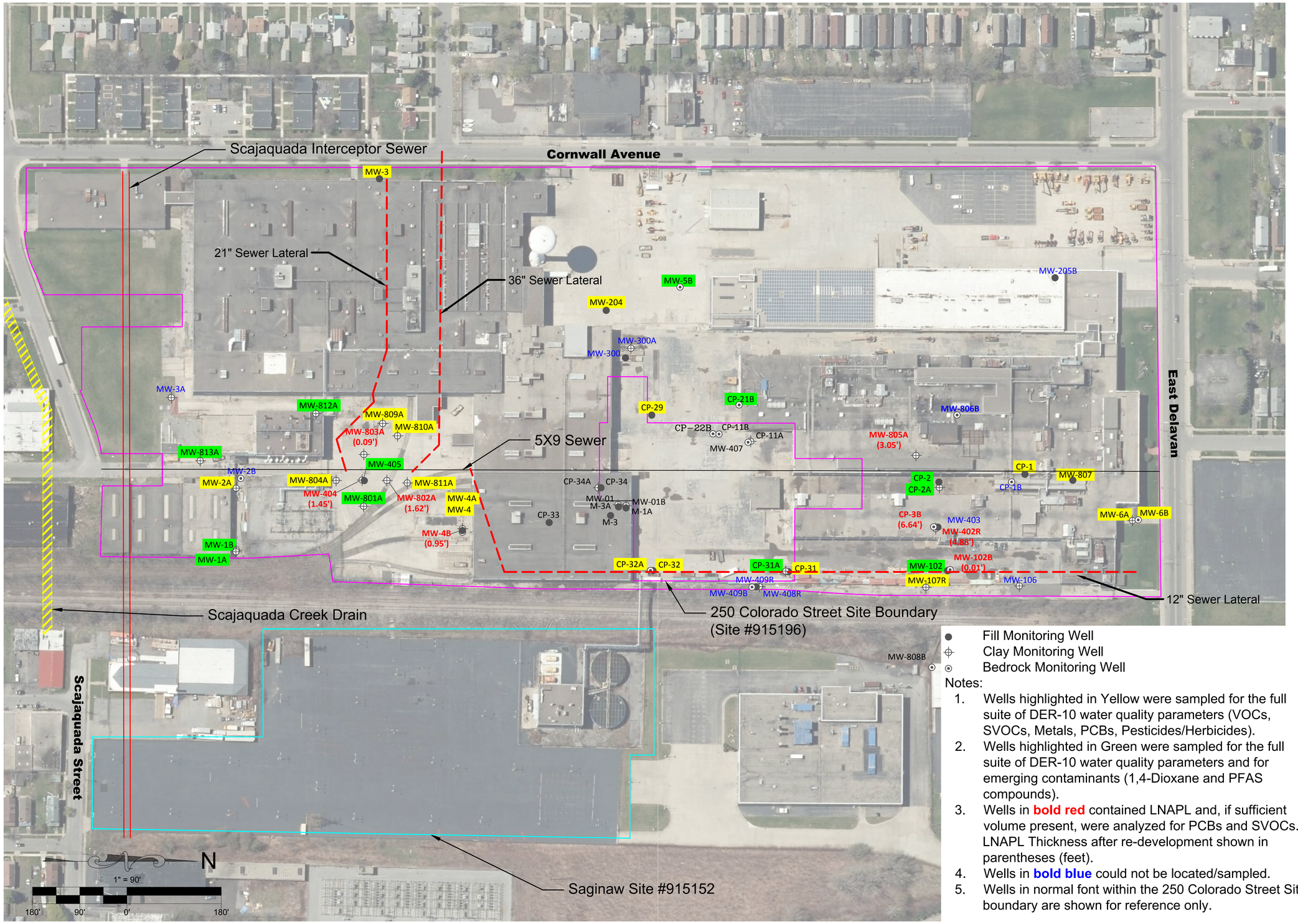
FIGURE 04



- Fill Monitoring Well
- Clay Monitoring Well
- Bedrock Monitoring Well

Notes:

1. Wells highlighted in Yellow were sampled for the full suite of DER-10 water quality parameters (VOCs, SVOCs, Metals, PCBs, Pesticides/Herbicides).
2. Wells highlighted in Green were sampled for the full suite of DER-10 water quality parameters and for emerging contaminants (1,4-Dioxane and PFAS compounds).
3. Wells in **bold red** contained LNAPL and, if sufficient volume present, were analyzed for PCBs and SVOCs. LNAPL Thickness after re-development shown in parentheses (feet).
4. Wells in **bold blue** could not be located/sampled.
5. Wells in normal font within the 250 Colorado Street Site boundary are shown for reference only.

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FIGURE 05
PRELIMINARY SCOPING INVESTIGATION GROUNDWATER AND LNAPL MONITORING NETWORK

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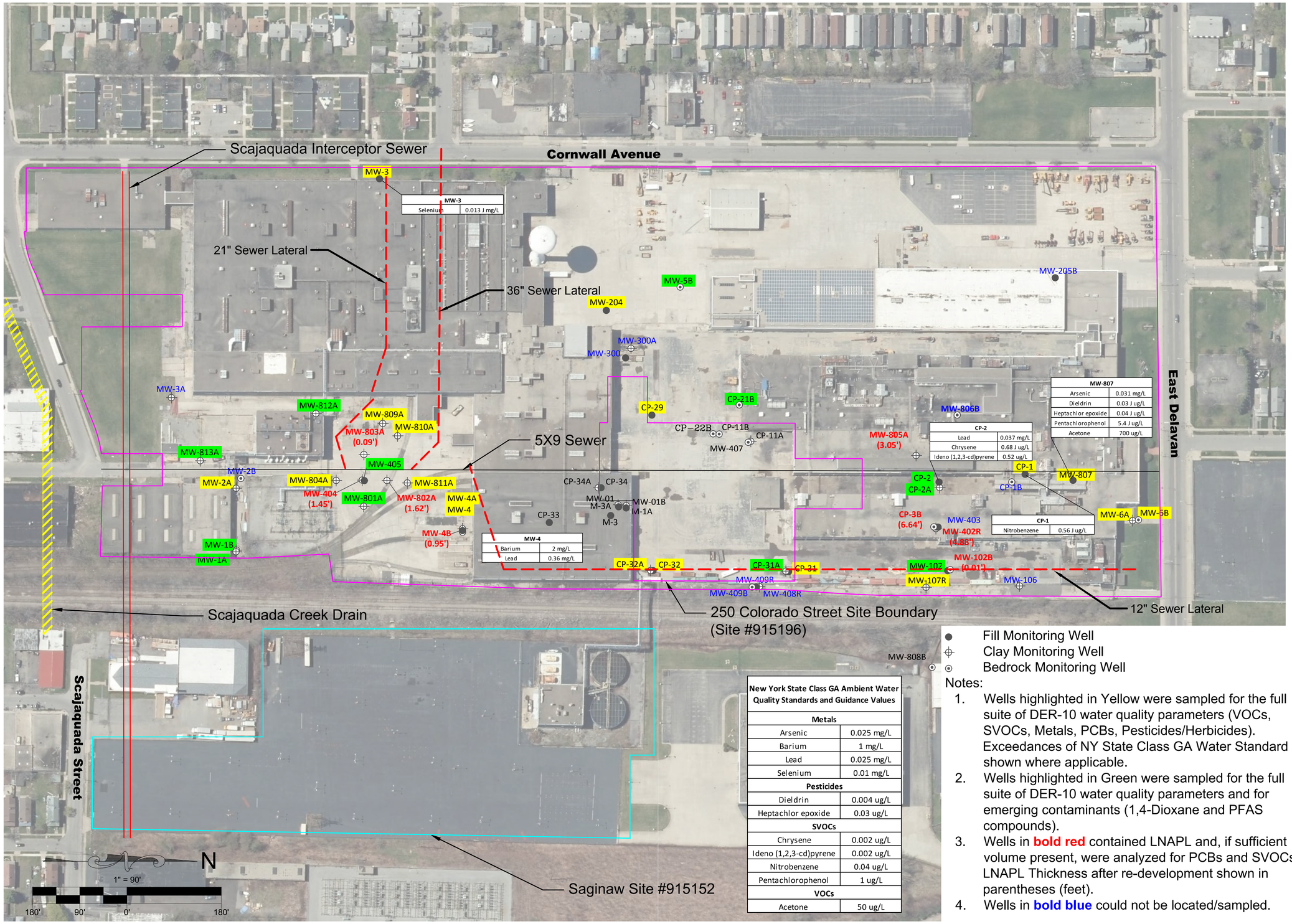
FIGURE 05



New York State Class GA Ambient Water Quality Standards and Guidance Values	
Metals	
Arsenic	0.025 mg/L
Barium	1 mg/L
Lead	0.025 mg/L
Selenium	0.01 mg/L
Pesticides	
Dieldrin	0.004 ug/L
Heptachlor epoxide	0.03 ug/L
SVOCs	
Chrysene	0.002 ug/L
Ideno (1,2,3-cd)pyrene	0.002 ug/L
Nitrobenzene	0.04 ug/L
Pentachlorophenol	1 ug/L
VOCs	
Acetone	50 ug/L

- Fill Monitoring Well
- Clay Monitoring Well
- Bedrock Monitoring Well

Notes:

1. Wells highlighted in Yellow were sampled for the full suite of DER-10 water quality parameters (VOCs, SVOCs, Metals, PCBs, Pesticides/Herbicides). Exceedances of NY State Class GA Water Standard are shown where applicable.
2. Wells highlighted in Green were sampled for the full suite of DER-10 water quality parameters and for emerging contaminants (1,4-Dioxane and PFAS compounds).
3. Wells in **bold red** contained LNAPL and, if sufficient volume present, were analyzed for PCBs and SVOCs. LNAPL Thickness after re-development shown in parentheses (feet).
4. Wells in **bold blue** could not be located/sampled.

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FIGURE 06A
PRELIMINARY SCOPING GROUNDWATER RESULTS FILL WELLS

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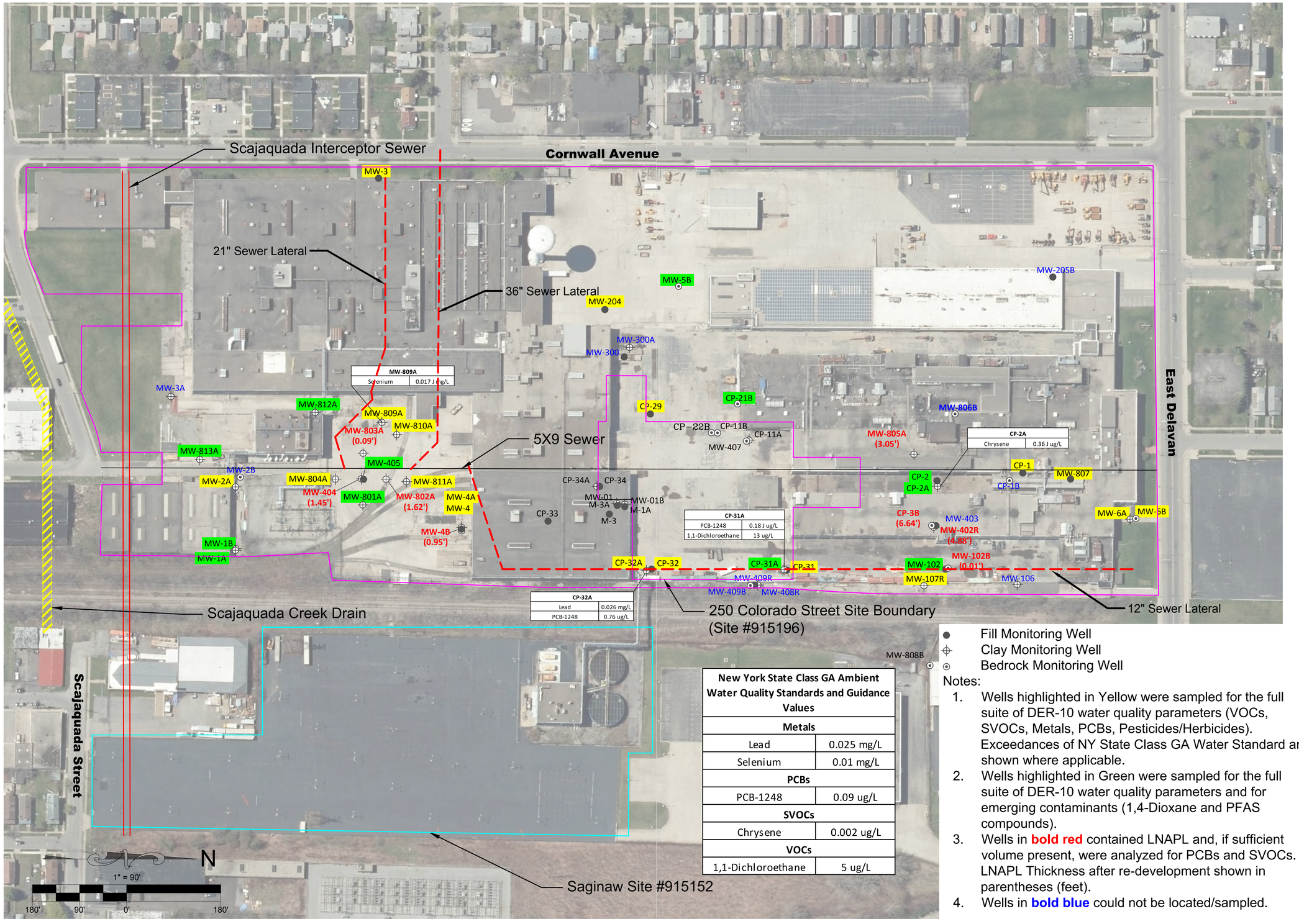
FIGURE 06A



New York State Class GA Ambient Water Quality Standards and Guidance Values	
Metals	
Lead	0.025 mg/L
Selenium	0.01 mg/L
PCBs	
PCB-1248	0.09 ug/L
SVOCs	
Chrysene	0.002 ug/L
VOCs	
1,1-Dichloroethane	5 ug/L

- Fill Monitoring Well
- Clay Monitoring Well
- Bedrock Monitoring Well

Notes:

1. Wells highlighted in Yellow were sampled for the full suite of DER-10 water quality parameters (VOCs, SVOCs, Metals, PCBs, Pesticides/Herbicides). Exceedances of NY State Class GA Water Standard are shown where applicable.
2. Wells highlighted in Green were sampled for the full suite of DER-10 water quality parameters and for emerging contaminants (1,4-Dioxane and PFAS compounds).
3. Wells in **bold red** contained LNAPL and, if sufficient volume present, were analyzed for PCBs and SVOCs. LNAPL Thickness after re-development shown in parentheses (feet).
4. Wells in **bold blue** could not be located/sampled.

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FIGURE 06B
PRELIMINARY SCOPING GROUNDWATER RESULTS CLAY WELLS

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FIGURE 06B

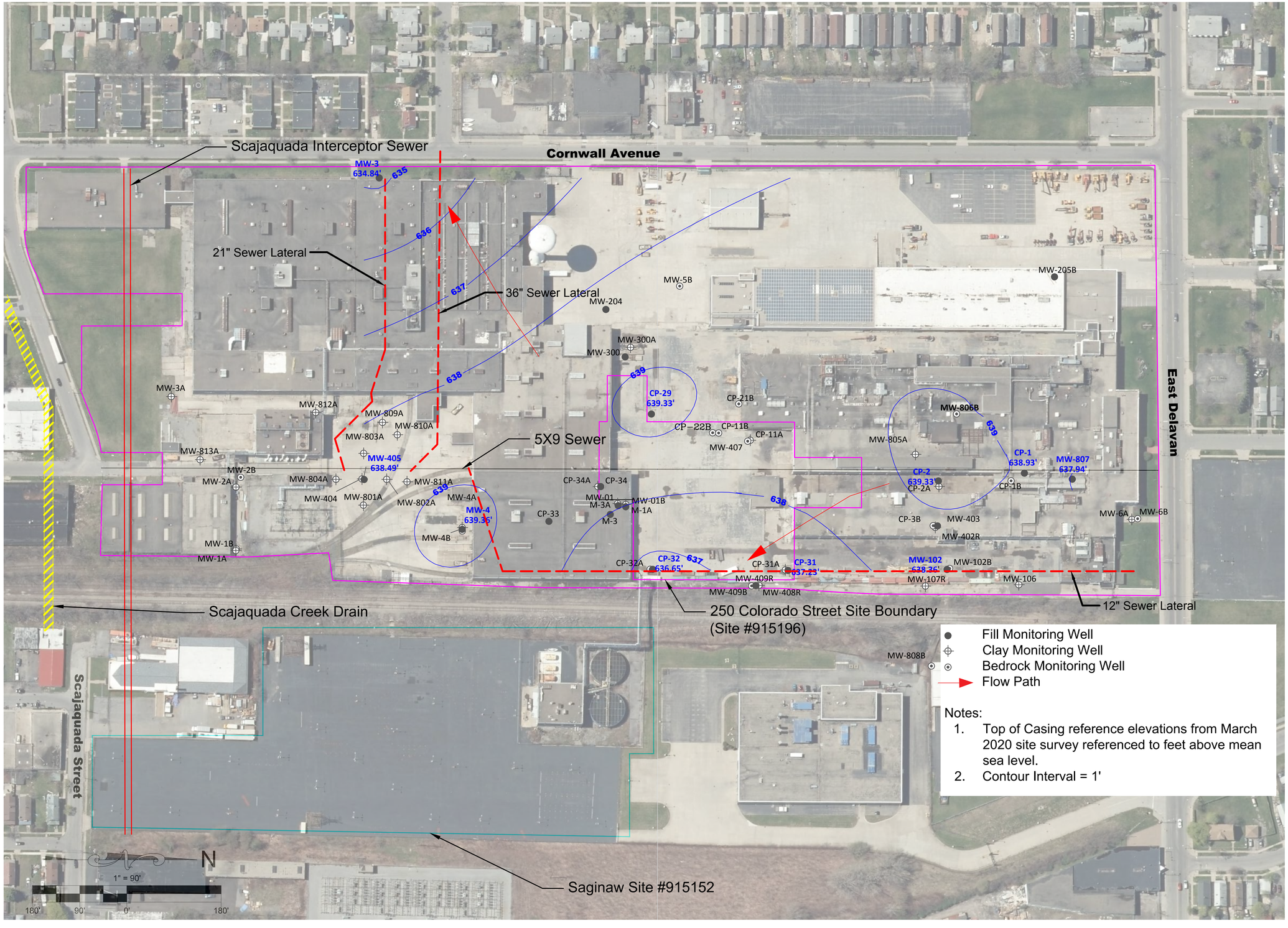

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FIGURE 07
FILL UNIT
GROUNDWATER
ELEVATION
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FIGURE 07

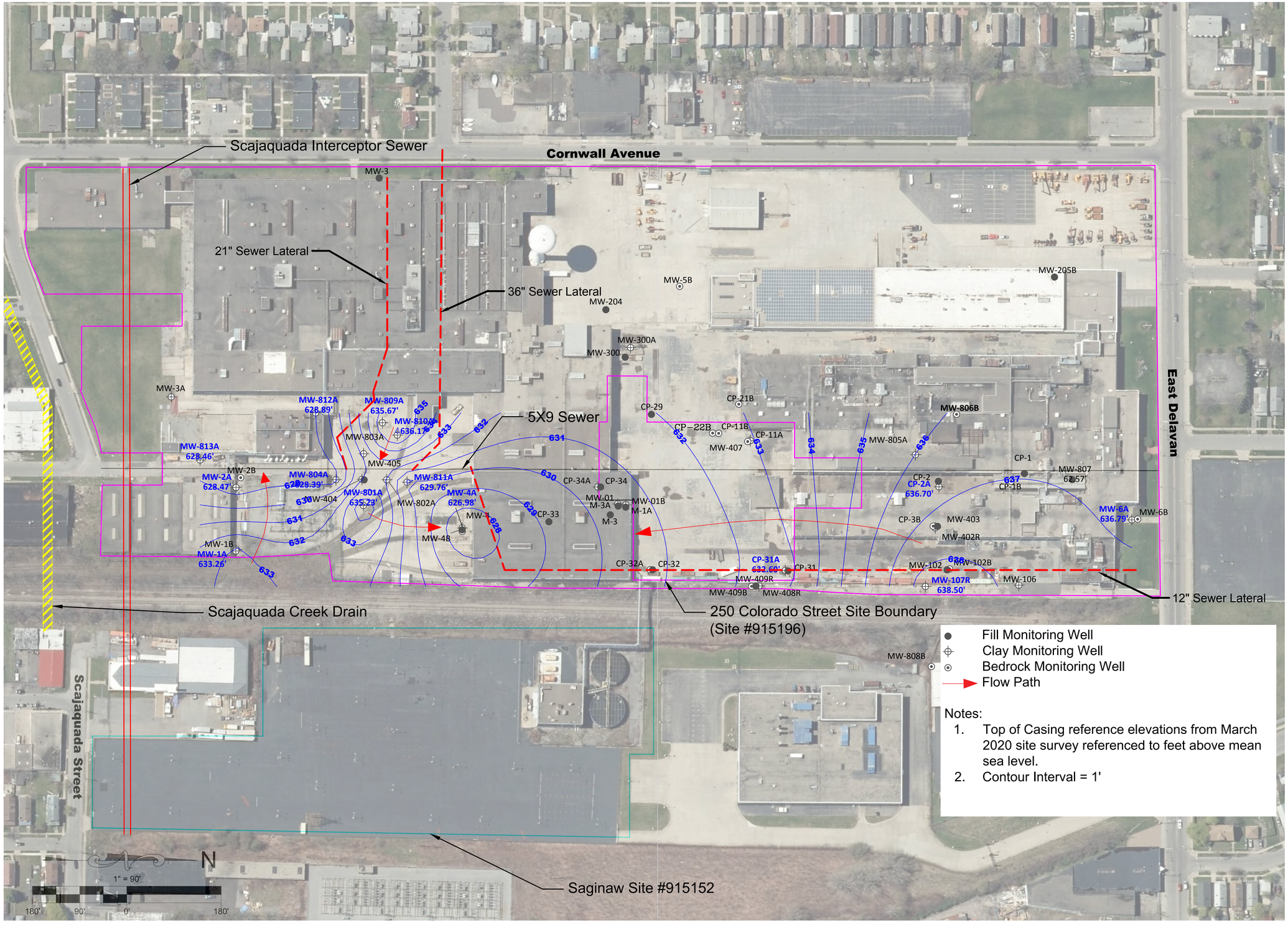

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FIGURE 08
CLAY UNIT
GROUNDWATER
ELEVATION
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FIGURE 08

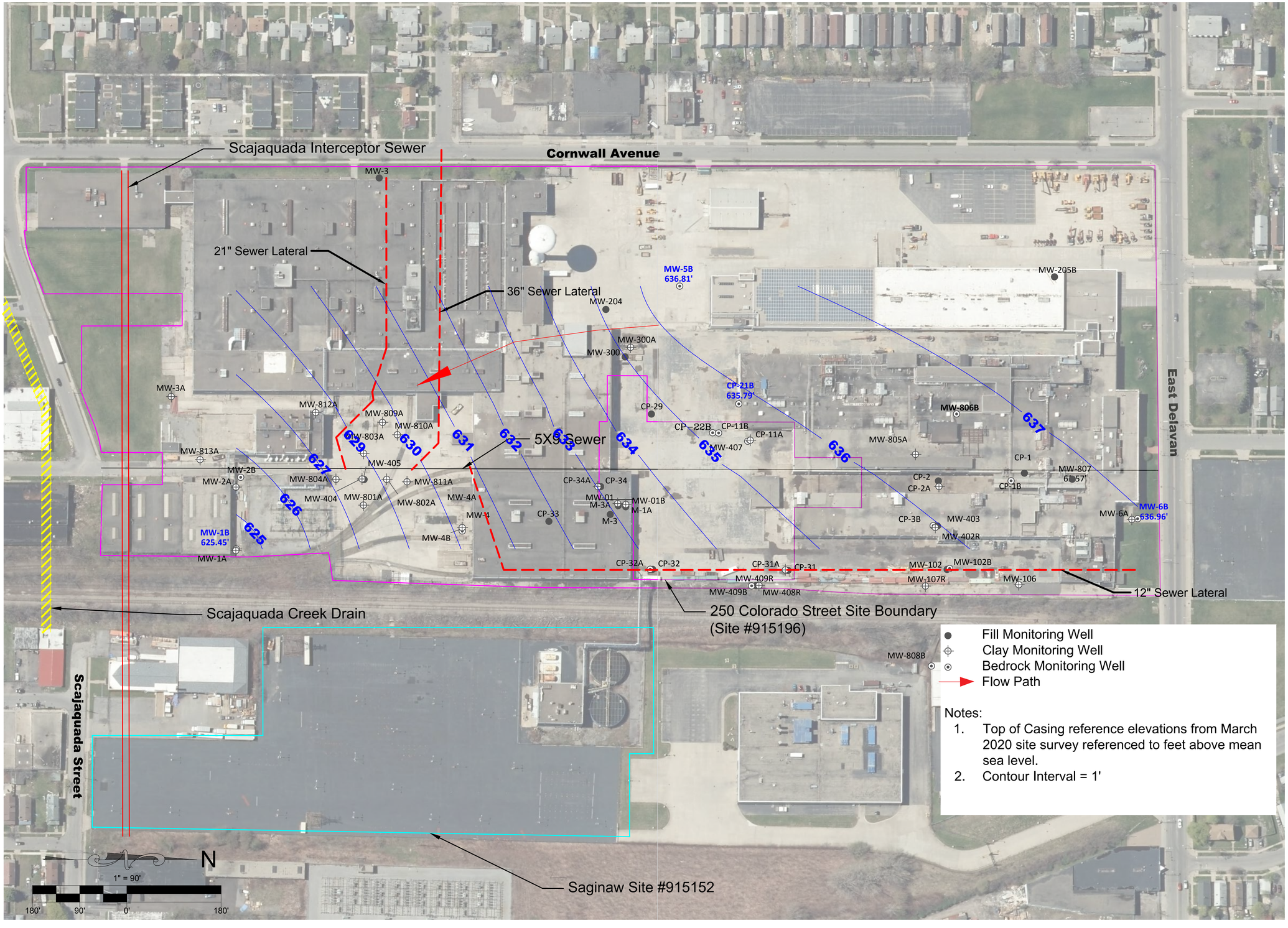

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FIGURE 09
BEDROCK UNIT GROUNDWATER ELEVATION CONTOURS
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FIGURE 09

Appendix A – Laboratory Data Packages and EDDs (on CD)

Appendix B – Field Sampling Forms (on CD)

Appendix C – Monitoring Well Inspection Forms (on CD)

Appendix D – Groundwater Sampling Forms (on CD)