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# COMBINED GROUNDWATER REPORT FOR 2016

VILLAGE OF ENDICOTT / TOWN OF UNION  
BROOME COUNTY, NEW YORK

**Order on Consent Index #A7-0502-0104  
Site #704014**

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**Prepared for:**

**IBM Corporate Environmental Affairs  
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Manassas, Virginia 20109**

**April 13, 2017**

**Prepared by:**

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Manassas, VA 20109

April 13, 2017

Alex Czuhanich  
New York State Department of Environmental Conservation  
Division of Environmental Remediation  
Remedial Bureau E  
625 Broadway, 12<sup>th</sup> Floor  
Albany, NY 12233-7017

Re: Transmittal of the Combined Groundwater Report for 2016  
Order on Consent Index #A7-0502-0104, Site #704014

Dear Mr. Czuhanich:

The purpose of this letter is to transmit the Combined Groundwater Report for 2016. This report combines the Annual Groundwater Monitoring Status Report (Annual Report) for 2016 and the 13th Update to the Groundwater Remediation Systems Operations, Maintenance and Monitoring Plan (OM&M Plan).

Should you have any questions concerning the contents of this report, please contact Kevin Whalen of my staff at 703-257-2582.

Sincerely,

A handwritten signature in black ink that reads "M. E. Meyers".

Mitchell E. Meyers  
Manager, Environmental Remediation  
IBM Corporate Environmental Affairs

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**P.E. Certification  
Combined Groundwater Report for 2016  
Village of Endicott / Town of Union  
Broome County, New York**

**Section XII and Appendix D, Activity C  
of Order on Consent Index #A7-0502-0104  
Site #704014**

**April 13, 2017**

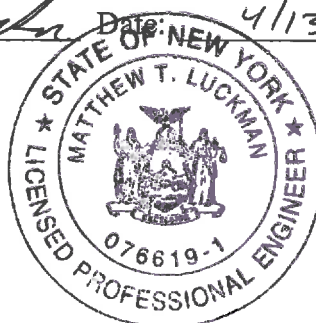
I certify that I have reviewed the Combined Groundwater Report for 2016, for the former IBM Endicott Facility in the Village of Endicott / Town of Union in Broome County, New York pursuant to Section XII and Appendix D, Activity C of Order on Consent Index #A7-0502-0104, Site #704014. This report is dated April 13, 2017 and was prepared by Groundwater Sciences Corporation and Groundwater Sciences, P.C. for IBM Corporation. I certify that I have reviewed all figures, plates, and appendices related to the operations, maintenance, and monitoring of groundwater remediation systems. To the best of my knowledge, all such engineering-related information contained in this report is complete and accurate.

I certify that all portions of this report relating to the operations, maintenance, and monitoring of groundwater remediation systems have been prepared in accordance with good engineering practices and all work has been performed under my direct supervision.

I further certify that: (1) the groundwater institutional controls and engineering controls put in place as part of the remedies for Operable Unit #3 (OU#3), Operable Unit #4 (OU#4), Operable Unit #5 (OU#5), and Operable Unit #6 (OU#6) are still in place and are either unchanged from the previous certification or are compliant with New York State Department of Environmental Conservation (Department) approved modifications, (2) the Department continues to have access to the Site; and (3) nothing has occurred that will impair the ability of the controls put in place to protect public health or the environment, or constitute a violation or failure to comply with the remedies set forth in the Records of Decision for OU#3, OU#4, OU#5, and OU#6, unless otherwise approved by the Department.

No alterations to the engineering-related information contained in this report may be made unless made in accordance with 145-Subsection 7209 of New York State Education Law.

Signature: Matthew T. Luckman Date: 4/13/17  
Name: Matthew T. Luckman  
License No: 076619  
State: New York



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# 1 INTRODUCTION

This report has been prepared by Groundwater Sciences Corporation (GSC) and Groundwater Sciences, P.C. (GSPC) for International Business Machines Corporation (IBM). This report is intended to comply with Section XII and Appendix D of Order on Consent Index #A7-0502-0104 (Order) between IBM and the New York State Department of Environmental Conservation (NYSDEC) for the former IBM Endicott facility and associated groundwater plumes (Site #704014, hereinafter referred to as the “Site”) located in the Village of Endicott, New York. This report combines the Annual Groundwater Monitoring Status Report (Annual Report) for 2016 and the 13<sup>th</sup> Update to the Groundwater Remediation Systems Operations, Maintenance and Monitoring Plan (OM&M Plan). As such, this report is referred to as the Combined Groundwater Report for 2016.

## 1.1 Purpose and Scope

The purpose of the Combined Groundwater Report for 2016 is fivefold:

1. To describe the Remedial Action Plan in place at the Site for 2016, including groundwater extraction wells, injection wells, and treatment systems.
2. To describe the operation, maintenance, and monitoring of the groundwater extraction wells, injection wells, and treatment systems in 2016. The requirement for a comprehensive operations, maintenance and monitoring plan (COM&M Plan) is described in Appendix D, Activity C of the Order.
3. To describe the upgrades, repairs, and replacements of components of the groundwater extraction wells, injection wells, and treatment systems that occurred in 2016.
4. To describe the Groundwater Monitoring Program and to present the Groundwater Monitoring Plan (GMP) for 2016. The primary elements of the Groundwater Monitoring Program are the periodic measurement of groundwater elevations in several hundred hydraulic effectiveness (HE) monitoring wells and the sampling of groundwater from a subset of these HE wells, referred to as remedial action effectiveness (RAE) monitoring wells. The lists of HE and RAE monitoring wells in the GMP and the frequency of

monitoring for these wells are updated annually so as to be consistent with the evaluation described in Item 3 below and with the anticipated monitoring needs for the next 12 months.

5. To evaluate the effectiveness of remedial action and the progress of remediation based on data collected in 2016, thereby satisfying the annual reporting requirement for the Site. The contents of the annual evaluation are specified in Section 4.3.2 of the OM&M Plan, Fifth Update (May 2009) and include a summary of all analytical chemistry results for the previous year, supporting QA/QC documentation, comprehensive groundwater elevation data, pumping rates and volumes, contaminant recovery calculations, treatment efficiency data, isoconcentration contour maps, and other hydrogeological maps as needed.

## 1.2 Site Location and Description

The former IBM Endicott facility is a 135-acre industrial facility situated in the Susquehanna River valley in the Village of Endicott, Broome County, New York. A Site Location Map showing the approximate location of the former IBM Endicott facility is provided as Figure 1-1. The Site, as defined in the Order and referenced in this report, includes the former IBM Endicott facility (“On-Site”) that is currently owned by Huron, LLC and certain “Off-Site” groundwater plume areas. In accordance with the Order, IBM is performing or has completed Supplemental Remedial Investigations (SRIs), Interim Remedial Measures (IRMs), and/or Focused Feasibility Studies (FFSs) in seven separate operable units (OUs), one Miscellaneous Activity (MA) area, and the “Remainder of Site” consisting of areas of the former IBM Endicott facility that are outside of a designated OU area. Portions of the Site comprising the former IBM Endicott facility are shaded on Figure 1-2. The approximate locations of the seven OUs and one MA area are also shown on Figure 1-2 and are listed below:

OU#1: Railroad Corridor Source Area (RCSA)

OU#2: North Street Area

OU#3: Plume Reduction in the Southern Area

OU#4: Ideal Cleaners Area

OU#5: Building 57 Area

OU#6: Plume Control in Bedrock Groundwater

OU#7: Assessment of Sewers in Northwestern Area of the Site

MA-A: Plume Reduction in Off-Site Capture Zone A (OS CZ-A)

OU#1 and OU#2 consist of the central portion of the manufacturing area of the Site, separated by Norfolk Southern railroad tracks. OU#3 and MA-A consist of the “Off-Site” groundwater plume areas originating in OUs #1 and #2. OU#4 encompasses a former source area and groundwater plume associated with the former Ideal Cleaners facility south of North Street. The former groundwater plume in OU#4 is located in the eastern portion of an area referred to as “Off-Site” Capture Zone B. OU#5 consists of the eastern portion of the manufacturing area of the Site, and associated discrete groundwater plumes. OU#6 consists of the area of VOC-containing groundwater in bedrock, located primarily beneath portions of OU#2. OU#7 consists of the western portion of the manufacturing area of the Site, and associated discrete groundwater plumes.

The approximate limits of the plume areas associated with “Off-Site” Capture Zone A (MA-A), “Off-Site” Capture Zone B (OU#4), and OU#3 that are shown on Figure 1-2 originally were coincident with various hydraulic capture zones described in the *Supplemental Groundwater Assessment Final Report* (SGA Final Report, December 31, 2003, revised and updated May 17, 2004). As extraction well operations have changed, the boundaries of these capture zones have also changed. However, the terminology for these areas originally established in the SGA Final Report and carried over into the Order has been maintained where practical.

This Combined Groundwater Report presents data generated from January 1, 2016 to December 31, 2016.

### 1.3 2016 Highlights

The following subsections summarize the remedial activities and results from the operation, maintenance and monitoring of groundwater remediation systems at the Site in 2016. The highlights of operation and monitoring for 2016 are listed below.

- Five extraction wells in the “On-Site” Capture Zone continued to control flux from sources in the Railroad Corridor Source Area (RCSA, Operable Unit #1 (OU#1)) and collectively

removed about 2,704 pounds of volatile organic compounds (VOCs) from the groundwater in OU#1. This represents 97% of the total VOC mass removed by all extraction wells at the Site in 2016.

- As many as 17 groundwater extraction wells operating at the Site in 2016 removed 2,798 pounds of VOCs, bringing the total mass of VOCs extracted since 1979 to approximately 830,000 pounds.
- Four hundred twenty-six (426) monitoring and extraction wells were used for collecting groundwater samples and/or measuring groundwater elevations in 2016.
- Injection of treated groundwater continued in 2016 at injection wells EN-78T, EN-92P, EN-161T, EN-501T, EN-509T, EN-529T, EN-530T, and EN-532T. The purpose of the clean water injection is to partially re-saturate the Upper Aquifer and enhance flushing of VOC mass remaining in this unit. Clean water injection using treated city water ceased in August 2016 at EN-509T after receiving approval from NYSDEC. The reasons for ending clean water injection at test well EN-509T are discussed in Section 1.3.3.
- The operation of seven extraction wells in Operable Unit #2 (OU#2), “Off-Site” Capture Zone A (OSCZ-A), and the Southern Area (OU#3) during 2016, together with the simultaneous injection of clean water at seven injection wells at a combined average rate of 462 gallons per minute (gpm) continued to generate the following positive results:
  - The chemical flux crossing North Street (OU#2) was intercepted before reaching OSCZ-A.
  - The dissolved TCE mass totals for the plumes in OSCZ-A and OU#3 calculated for June 2004 and August 2016 indicate a 99% reduction of TCE mass dissolved in groundwater from 89.5 pounds to 1.3 pounds. Furthermore, the average TCE concentration in the plume decreased from 79.5 micrograms per liter (µg/L) in 2004 to 1.4 µg/L in 2016, a reduction of 98%.

- The lateral extent of the plumes in OSCZ-A and OU#3 has also been significantly reduced, as shown on chemical concentration maps for the principal plume constituents. For example, from 2004 to 2016, the area of the plume where TCE concentrations are greater than 5 µg/L has been reduced by more than 88 percent. Other constituents of the plumes, including 1,1,1-trichloroethane (111-TCA), cis-1,2-dichloroethene (c12-DCE), and tetrachloroethene (PCE), have been substantially removed in OSCZ-A and OU#3.
- Monitoring of the OU#4: Ideal Cleaners Area ethene-series (PCE, TCE, c12-DCE, and vinyl chloride) groundwater plume in 2016 continues to indicate a decreasing trend in concentrations of ethene-series constituents since completion of the 2010 source area removal at the former Ideal Cleaners property. The PCE and TCE portions of the groundwater plume have been removed by natural attenuation processes. Monitoring data from November 2016 indicated that one area of vinyl chloride and a smaller area of c12-DCE were the only PCE degradation products remaining at concentrations greater than 6NYCRR Part 703 standards.
- Concentrations of VOCs remaining in groundwater beneath OU#5 are stable or declining since the 2013 implementation of in-situ thermal treatment of apparent VOC source areas. Operation of groundwater extraction well EN-709 continues to maintain control of the remaining dissolved plume of VOCs in the former Huron Lot #26 parking lot, south of Building 57. Annual VOC mass removals by well EN-709 have increased slightly since the start of EN-709 extraction operations in 2013.
- The VOC mass extracted from the bedrock aquifer by extraction well EN-D49 in 2016 was similar to the VOC mass extracted annually from 2007 to 2015. Extraction well EN-D49 is maintaining control of a dissolved plume of VOCs in bedrock groundwater.

### 1.3.1 Site Characterization

From early 1979 through the end of 2016, 589 wells were installed as part of the corrective action program or ongoing investigations at this Site. The total consists of 264 wells (monitoring, extraction and injection) installed north of North Street on the manufacturing portion of the former IBM facility at the Site, and 325 other wells (monitoring, extraction, and injection) installed south of North Street off the manufacturing portion of the former IBM facility at the Site. Plate 1-1 shows the locations of monitoring, extraction, and injection wells that were in place through the end of 2016. These wells are also coded on this map according to the geologic unit in which they are screened or completed. Water levels and groundwater samples collected from these wells have been used to characterize the directions of groundwater flow and contaminant transport beneath the Site.

### 1.3.2 Groundwater Extraction and Treatment Systems

As of December 31, 2016, groundwater containment and recovery operations consisted of 15 extraction wells. (Note: Of the 17 extraction wells that operated during 2016, EN-253R was shut down in October, EN-276 was shut down in November, and EN-276R operated from April through December.) The locations of these extraction wells are shown on Figure 1-3. Average well yields in 2016 ranged from less than 1 gpm to 134 gpm. The combined average monthly extraction rate for 2016 was 613 gpm, with a combined average monthly minimum of 512 gpm and a combined average monthly maximum of 658 gpm. Groundwater pumped from all but two of the extraction wells in 2016 was treated at one of four stand-alone groundwater treatment facilities (GTFs) operated by IBM on Jefferson, Garfield, and Adams Avenues, and on Clark Street. Groundwater pumped from extraction well EN-107R in the Railroad Corridor Source Area was treated at the Huron Organic Treatment Facility (Huron OTF). Groundwater pumped from extraction well EN-114T was also treated at the Huron OTF during a March 2016 maintenance review of above-ground conveyance piping (March 1 through 22, 2016), but otherwise was treated at the Clark Street GTF. All five treatment facilities are shown on Figure 1-3. The location of the inactive Robble Avenue GTF that was shut down in February 2014 at the start of the ongoing EN-154R shutdown test in OU#7 is also shown on Figure 1-3.

### 1.3.3 Clean Water Injection

As of December 31, 2016, clean water injection operations consisted of seven active wells injecting treated groundwater at a combined rate of about 520 gpm based on rates in October and December when all seven wells were injecting clean water concurrently for the entire month. The locations of these injection wells are shown on Figure 1-3. Treated groundwater from the Garfield Avenue GTF (Outfall 001M) was injected at wells EN-92P, EN-501T, EN-529T, and EN-530T; treated groundwater from the Jefferson Avenue GTF (Outfall 002M) was injected at well EN-532T; and treated groundwater from the Adams Avenue GTF (Outfall 003M) was injected at wells EN-78T and EN-161T. All of these injection wells operated throughout 2016. Treated city water was injected at EN-509T until August 10, 2016 when injection ceased following receipt of written approval from NYSDEC. The decision to shut down EN-509T resulted from: 1) concerns over the potential negative effects of raising the water table in areas of OU#1 and OU#2 where utilities are deeply buried; 2) the possibility of increasing the mass removal from the extraction wells in OU#1 and OU#2 without a clean water injection well; 3) operational difficulties under high water table conditions; and 4) excessive fouling of pre-treatment injection system components associated with the use of municipal water.

### 1.3.4 Groundwater Monitoring

Sampling in 2016 was performed in accordance with a Groundwater Monitoring Plan (GMP) approved by NYSDEC on January 30, 2016. A total of 415 hydraulic effectiveness monitoring wells were included in the groundwater monitoring program for 2016. Groundwater samples for remedial action effectiveness were collected from 340 wells, including active extraction wells. The analytical results for groundwater samples collected during the 2016 calendar year are included in this Combined Groundwater Report for 2016.

## 1.4 Organization of Report

The remainder of this report is organized as follows. Section 2 presents important background information, including the Site's remediation goals, physical setting and hydrogeology, and descriptions of the remedial systems in place. Section 3 describes the work performed in 2016, including the maintenance and operation of groundwater extraction wells, injection wells, and



treatment systems; maintenance of monitoring wells; measurement of groundwater elevations; and groundwater sampling. The hydrogeological and hydrogeochemical results for 2016 are analyzed in Sections 4 and 5 with emphasis on patterns of groundwater flow and capture, and the distribution of chemicals of concern. Section 6 discusses the progress of remediation at each of the Site's operable units and the VOC mass removed by pumping Site-wide. A list of references is presented in Section 7.

## 2 BACKGROUND

The corrective action history of the Site began with the discovery of groundwater contamination in 1979. IBM subsequently began a Corrective Measures Program to evaluate groundwater quality and remediate groundwater contamination beneath the manufacturing portion of the Site, north of North Street. In early 1980, IBM began to control and remove sources of contamination beneath the manufacturing portion of the Site by using vertical extraction wells to remove both groundwater and separate-phase VOCs. Since 1980, 37 extraction well points (not including replacement or supplemental wells at the same location) have been used at various places and times for this purpose.

### 2.1 Site Remediation Objectives

VOCs have been detected in groundwater in two geologic units beneath the Site: the bedrock and the glacial outwash, which contains the Upper Aquifer. The VOC plume in the bedrock is contained by the operation of a single extraction well and the remedial objective is to maintain that containment. The remedial measures program for the Upper Aquifer has two principal objectives. The first objective is to attain groundwater standards to the extent practicable. The second objective is to shrink the groundwater plumes containing VOCs, in particular trichloroethene (TCE), to mitigate potential concentrations of TCE in soil vapor. Simply stated, this second objective is as follows:

Reduce concentrations of VOCs in groundwater south of North Street, and to the extent practicable, to below New York State 6NYCRR Part 703 groundwater standards in order to reduce potential soil vapor impacts. This will be accomplished by the following actions:

1. Continue to control the sources of VOCs in groundwater north of North Street, and to enhance this control as appropriate.
2. Continue to control and treat the VOC-containing groundwater flux crossing North Street.
3. In conjunction with actions 1 and 2, accelerate the rate of reduction of the plume areas south of North Street.

The larger objective of these actions was to reduce the mass of TCE in groundwater within the plumes being remediated by IBM south of North Street by 50% in five years and by 80% in ten years, using the first year of enhanced off-site plume reduction activities (2004) as the base year for comparison. The ten-year TCE mass reduction goal was achieved in 2012 after eight years of enhanced remediation.

## 2.2 Physical Setting

The Site is underlain by a sequence of unconsolidated glacial and post-glacial sediments overlying a buried bedrock valley. Three of the units in this sequence (Upper Aquifer, Lower Aquifer, and Bedrock Aquifer) are water-bearing and one unit (Lacustrine Silt) is an effective aquitard.

### 2.2.1 Upper Aquifer

The Upper Aquifer is defined by the vertical difference between two surfaces: (1) the surface defining the top of the lacustrine silt (see below), and (2) the surface defining the top of the saturated zone (i.e., the water table) in an extensive coarse-grained unit consisting of glacial outwash. The outwash consists mostly of sand and gravel with some minor silt layers deposited as interbedded deltaic foreset beds in a former post-glacial meltwater lake and in post-lacustrine braided stream deposits. This outwash unit is typically 25 to 30 feet thick but is thicker where it has filled in several ice block depressions (following melting of the ice), and where the sediment has been downwarped by differential compaction or collapse that occurred as the ice blocks melted after they had been buried under the deposited sediments. The Upper Aquifer is an unconfined, water table aquifer.

### 2.2.2 Lacustrine Silt

The Lacustrine Silt unit consists of fine-grained lake-bottom deposits, typically varved silt with pink clay seams, but locally grading to silty very fine sand. The top of this unit generally defines the bottom of the Upper Aquifer and is nearly continuous throughout the valley with the exception of discrete areas where the presence of ice blocks prevented its deposition onto ice-contact sand and gravel and/or glacial till deposits. Where the Lacustrine Silt is absent, the bottom of the Upper Aquifer is in contact with glacial till or coarse-textured ice-contact deposits comprising the Lower

Aquifer. Where the Lacustrine Silt is present, as it is over most of the Site, it forms an effective aquitard between the overlying Upper Aquifer and the underlying Lower Aquifer in areas where the Lower Aquifer is present. The current surface elevation contour map for the Lacustrine Silt is shown on Plate 2-1.

### **2.2.3 Lower Aquifer**

The Lower Aquifer consists of stratified drift deposited by sub-glacial meltwater in tunnels and crevasses beneath the glacial ice or by superglacial meltwater at the glacial ice margin. Unlike the glacial outwash of the Upper Aquifer, the ice-contact deposits of the Lower Aquifer are not present as a continuous layer in the areas north of Broad Street in the west and East Main Street in the east. Rather, the Lower Aquifer in the Endicott area is confined to a thick sequence of ice contact deposits situated along the axis of the valley and in isolated areas farther away from the valley axis. It is used for both municipal and industrial water supply.

### **2.2.4 Bedrock Aquifer**

The uppermost several hundred feet of bedrock consists of marine shales and siltstones of the late Devonian West Falls Group. Bedding is near-horizontal and the upper part of the bedrock contains water-bearing fractures yielding sufficient quantities of water such that the shallow bedrock is an effective aquifer.

### **2.2.5 Other Units**

Post-glacial alluvium is present near or within the Site in at least two locations: (1) beneath a low terrace adjacent to the Susquehanna River, and (2) in a shallow late-deglacial channel near the north valley wall generally located between Watson Boulevard and the Norfolk Southern railroad tracks. This unit is not significant with regard to groundwater flow at the Site.

In many areas, the lowermost unconsolidated unit lying directly above the bedrock is till - a dense, poorly sorted mixture of clay, silt, sand and angular rock fragments deposited directly by glacial action. The till is discontinuous beneath the Site and, therefore, is not consistently the lowermost unconsolidated unit in contact with bedrock. Near the axis of the valley, where the till is mostly

absent, ice contact deposits lie directly over the bedrock. The till is not significant with regard to groundwater flow at the Site.

### 2.3 Groundwater Monitoring Plan

The Site monitoring plan consists of two elements: (1) measurement of water levels and sampling of groundwater monitoring and extraction wells in accordance with a Site-specific Groundwater Monitoring Plan (GMP) and (2) sampling of influent and effluent from the various groundwater extraction and treatment systems to satisfy the treatment requirements of the Order. (Influent and effluent sampling is described in Section 3.1.2 of this report.) The purpose of the GMP is to specify a network of groundwater monitoring and extraction wells to be used for monitoring hydraulic effectiveness and remedial action effectiveness.

Sampling is performed in accordance with the Site's Quality Assurance Project Plan (QAPP). The current QAPP for the Site was submitted to NYSDEC in January 2009 and was prepared in accordance with Paragraphs 2.(i) and 2.(iii) of Appendix F of the Order.

The GMP for 2016 is presented in Appendix D and consists of 415 hydraulic effectiveness (HE) monitoring wells and 346 remedial action effectiveness (RAE) monitoring wells, including active extraction wells. All of these wells are shown on Plate 1-1. The HE wells and RAE wells are listed on Tables D-1 and D-2 of Appendix D. The HE well listing on Table D-1 includes the Site Area designation (OU# or MA-A), the monitoring point elevation, and the planar coordinates for each well. The physical specifications for the HE wells, such as survey coordinates, elevations, depths, and well construction information, are listed in Table B-1 of Appendix B. Synoptic groundwater elevation data in 2016 was recorded semiannually from the 415 HE wells and was used to construct water table elevation and potentiometric elevation contour maps for the semiannual and annual groundwater monitoring reports. The groundwater elevation data for HE wells was supplemented by additional groundwater level measurements from monitoring wells and recovery wells located within the Former Endicott Forging property northwest of the intersection of North Street and Hayes Avenue.

The RAE well listing on Table D-2 includes the Site Area designation, the sampling frequency, a summary of the number of samples per year, and a summary of wells to be sampled using passive

diffusion bags (PDBs) instead of pumps or bailers. Eligibility for sampling using PDBs was determined based on inner well diameters (inner diameter greater than one inch required), anticipated water column thickness in the screened interval of the well (in general, 5 feet or greater is needed for PDB sampling), and position relative to potentially variable extraction and injection operations.

Samples collected from each of the RAE monitoring and extraction wells listed on Table D-2 were analyzed for VOCs by SW-846 Method 8260C using a 25 mL purge, thereby achieving low concentration reporting limits, typically 0.5 µg/L (undiluted). Field screening for specific conductance, pH, temperature, and turbidity was performed at the time of sampling. The VOC concentration data for the 346 RAE wells was used to create chemical concentration contour maps showing the distribution of VOCs in groundwater.

IBM submitted a request to NYSDEC for modifications to the GMP on November 30, 2016. The request was approved on December 7, 2016 and consists of the following modifications:

1. A decrease in the number of hydraulic effectiveness wells from 415 to 410;
2. A decrease in the number of remedial action effectiveness wells from 346 to 343;
3. A net decrease in the number of groundwater monitoring well samples being collected from 787 to 780;

The approved changes to the GMP reflect the modification of groundwater monitoring associated with the planned decommissioning of monitoring wells in OU#2, OU#4, and in MA-A. No changes to the GMP were proposed for wells in OU#1, OU#3, OU#5, OU#6, and OU#7. However, the frequency of monitoring for OU#7 wells associated with the EN-154R shutdown test is anticipated to be reassessed following the third quarterly sampling event in August 2017.

## 2.4 Description of Remedial Systems

The remedial systems described in this section consist of groundwater extraction wells, clean water injection wells, and groundwater treatment systems. These wells and treatment systems are operated and maintained in accordance with the Site's OM&M Plan.

### 2.4.1 Groundwater Extraction and Injection Wells

As described in Section 1.3.2, the groundwater collection system in 2016 consisted of 17 active extraction wells operating at various times throughout the year. Except for periods of testing and maintenance, the system has operated continuously since 1980. Prior to 2006, between 110 and 140 million gallons (MG) of groundwater was being extracted and treated annually. With the startup of six new extraction wells (EN-215T, EN-447T, EN-451P, EN-491T, EN-492T, and EN-499T) in 2006, the volume of extracted groundwater initially increased. However, this increase could not be sustained throughout 2007 and 2008 as the Upper Aquifer was significantly dewatered; as a result, the volume of water available for pumping during 2008 decreased to 142 MG. With the startup of clean water injection, first at EN-510T and later at EN-92P and EN-78T, large areas of the Upper Aquifer were re-saturated and the water extracted by pumping in 2009 increased to 162 MG. Thereafter, the annual groundwater extraction volume increased from 240 MG in 2010 to greater than 300 MG annually from 2011 to 2016 as additional injection wells were brought on-line.

Table A-1 in Appendix A summarizes the monthly pumping volumes and average flow rates for each extraction and injection well in 2016. These volumes and flow rates are based on daily records for each well. Also shown at the bottom of Table A-1 is the volume treated at each of the groundwater treatment facilities. Table A-2 shows the mass of VOCs removed by each extraction well in 2016; this VOC mass recovery is discussed further in Section 6.

Figure 1-3 shows the locations of the 26 extraction wells and 10 clean water injection wells that were in place as of December 31, 2016. Of these 36 wells, 35 are constructed in the Upper Aquifer and one well (EN-D49) extracts groundwater from the bedrock aquifer. Fifteen of the 26 extraction wells were operating at the end of 2016. (Extraction wells EN-120, EN-160, and EN-499T in OSCZ-A; EN-154R and EN-218 in OU#7; EN-195, EN-185P, and EN-492T in OU#4; EN-253 and EN-253R in OU#1, and EN-276 in OU#2 were inactive at the end of 2016. Seven of the ten

injection wells were operating at the end of 2016. (EN-509T and EN-510T are inactive and EN-525T has never been placed into service.)

#### **2.4.1.1 Operable Unit #1: Railroad Corridor Source Area**

As shown on Figure 1-3, extraction wells EN-428 and EN-253R are located within Operable Unit #1: Railroad Corridor Source Area (OU#1). Groundwater pumped from these two wells is metered at Building 46S (B046S), which contains an equalization tank (EQ Tank) and transfer pumps that transfer groundwater to the Clark Street GTF. Well EN-253R was shut down in October 2016.

Wells EN-107R, EN-114T, and EN-219R are also located in OU#1. Groundwater extracted from EN-107R and EN-114T is metered at the nearby EN-107R Metering Enclosure and is pumped through the conveyance piping either to the Huron OTF in Building 96 or to the Clark Street GTF. Groundwater extracted from well EN-219R is metered at the EN-219R Metering Enclosure where it joins the B046S conveyance line and is pumped to the Clark Street GTF together with groundwater extracted from OU#1 extraction wells EN-428, EN-253R, and EN-114T (except when EN-114T discharge was conveyed to the Huron OTF during a maintenance review of above-ground conveyance piping in March 2016).

Clean water injection operations at EN-509T, located between extraction wells EN-428 in OU#1 and EN-276 in OU#2, ceased in August 2016 when the well was shut down indefinitely for reasons explained in Section 1.3.3.

#### **2.4.1.2 Operable Unit #2: North Street Area**

Three Upper Aquifer extraction wells are located in the vicinity of North Street (OU#2): EN-276 and EN-276R, located between Buildings 14 and 18, and EN-284P, located in the parking lot area south of North Street between Grant Avenue and Garfield Avenue (Figure 1-3). Groundwater from all three wells is treated at the Garfield Avenue GTF. After being out of service since May 2013, well EN-276R was reactivated for the last nine months of 2016 to supplement the extraction from nearby well EN-276.



#### **2.4.1.3 Miscellaneous Activity A: Plume Reduction in Off-Site Capture Zone A**

Seven extraction wells (EN-133, EN-91T, EN-451P, EN-120, EN-160, EN-194, and EN-284P) are available to remove groundwater from the Upper Aquifer in OSCZ-A, as shown on Figure 1-3. Five of these wells operated through the end of 2016. Groundwater extracted by EN-194 and EN-284P is treated at the Garfield Avenue GTF while groundwater extracted by EN-133, EN-91T, and EN-451P is treated at the Jefferson Avenue GTF. Groundwater extraction wells EN-120 and EN-160 have been inactive since 2006.

Six injection wells are available in OSCZ-A. Injection wells EN-529T, EN-530T, and EN-92P use treated groundwater from the Garfield Avenue GTF while injection well EN-78T uses treated groundwater from the Adams Avenue GTF. Injection wells EN-510T and EN-532T use treated groundwater from the Jefferson Avenue GTF; however, only EN-532T was used in 2016. The wells using treated water from the Garfield Avenue GTF were off from early June through late July during an extensive refurbishment of the treatment system. The combined injection rate of the five wells operating in OSCZ-A during the last four months of 2016 averaged 355 gpm.

#### **2.4.1.4 Operable Unit #3: Plume Reduction in the Southern Area**

As shown on Figure 1-3, three extraction wells (EN-499T, EN-215T and EN-447T) are available to remove groundwater from the Upper Aquifer in Operable Unit #3: Southern Area (OU#3). Groundwater extracted by EN-215T and EN-499T is treated at the Garfield Avenue GTF whereas groundwater extracted from EN-447T is treated at the Adams Avenue GTF. Extraction well EN-499T was shut down on November 6, 2014 and groundwater extraction rates at nearby wells EN-194 and EN-215T were optimized.

Two injection wells have operated since 2010 in Operable Unit #3, as shown on Figure 1-3. Well EN-501T uses treated groundwater from the Garfield Avenue GTF and well EN-161T uses treated groundwater from the Adams Avenue GTF. The combined injection rate for both wells averaged 141 gpm during the last four months of 2016, with the majority of the water being injected at the EN-161T location.

#### **2.4.1.5 Operable Unit #4: Ideal Cleaners Area (Eastern Portion of OSCZ-B)**

As shown on Figure 1-3, four extraction wells (EN-185P, EN-195, EN-491T, and EN-492T) are available to remove groundwater from the Upper Aquifer in Off-Site Capture Zone B (OSCZ-B) where the extracted groundwater is treated at the Adams Avenue GTF. The plume originating from Operable Unit #4: Ideal Cleaners Area (OU#4) in the eastern portion of OSCZ-B was captured and hydraulically controlled by extraction wells EN-185P and EN-492T until it was determined that maintaining hydraulic capture using these wells was no longer necessary due to the substantial reduction in the concentration and lateral extent of the OU#4 plume following thermal treatment of the source area in 2010. Consequently, EN-492T was shut down in February 2014 and EN-185P was shut down in January 2015. EN-195 in the western portion of OSCZ-B was also shut down in February 2014. Only extraction well EN-491T continues to be used for hydraulic containment in the western portion of OSCZ-B.

#### **2.4.1.6 Operable Unit #5: Building 57 Area**

Following the successful completion of source removal activities in the Building 57 Area (OU#5), extraction well EN-709 began operating in June 2013 to provide hydraulic containment of a small area of VOC-containing groundwater identified in the southwestern portion of OU#5, outside of the thermal treatment source removal areas. Groundwater extracted by EN-709 is treated at the Clark Street GTF. In 2016, groundwater withdrawals at well EN-709 maintained an average extraction rate of about 7 to 8 gpm.

#### **2.4.1.7 Operable Unit #6: Plume Control in Bedrock Groundwater**

Extraction well EN-D49 is located on McKinley Avenue near the southwestern corner of Building 42 (Figure 1-3) and extracts groundwater from the bedrock unit within Operable Unit #6 (OU#6). The long-term extraction rate was maintained at about 24 gpm through 2016, consistent with the average rate from 2009 to 2015. Groundwater extracted by EN-D49 is treated at the Adams Avenue GTF.

#### **2.4.1.8 Operable Unit #7: Northwestern Area**

Two inactive extraction wells, EN-218 and EN-154R, are located in Operable Unit #7: Northwestern Area (OU#7), as shown on Figure 1-3. These two wells were installed to remediate residual contamination from historical Endicott-Johnson and IBM operations.

Extraction well EN-218 was shut down in October 2012 when it was determined that well EN-154R was sufficient for remediation in OU#7. In November 2013, IBM requested approval from NYSDEC to conduct a shutdown test of EN-154R. The purpose of this on-going test is to monitor and quantify downgradient changes in groundwater quality prior to deciding whether to permanently discontinue operation of EN-154R. Extraction well EN-154R was subsequently shut down in February 2014 with NYSDEC approval and the Robble Avenue GTF, which treated groundwater extracted from EN-218 and EN-154R, was also shut down in February 2014.

EN-154R shutdown test activities completed in 2016 consisted of quarterly post-shutdown groundwater monitoring. The planned scope of the shutdown test in 2017 includes additional post-shutdown groundwater monitoring to support a decision regarding the long-term groundwater remedy for OU#7.

#### **2.4.2 Groundwater Treatment Systems**

Groundwater withdrawals from each of the 17 extraction wells that were pumped in 2016 were treated at one of four active GTFs operated by IBM or at the Huron OTF. A fifth GTF, the Robble GTF, was inactive in 2016 as explained in Section 2.4.1.8. Treated water discharged from the four active GTFs either was injected via the injection wells or was discharged to the Susquehanna River via the Endicott municipal storm sewer system at one of four separate outfalls. The Huron OTF also discharges to a separate outfall in the municipal storm sewer system.

As shown on Figure 1-3, all four active GTFs operated by IBM treated water from more than one extraction well in 2016. The following sections briefly describe each GTF and explain which extraction and injection wells are connected with each GTF. Detailed descriptions of the four GTFs operated by IBM are included in the OM&M Manual (Appendix H).

#### 2.4.2.1 Garfield Avenue GTF

The Garfield Avenue GTF uses liquid-phase granular activated carbon (GAC) as the primary treatment for extracted groundwater. The two-stage liquid-phase GAC system consists of two adsorption vessels, each with 20,000 pounds of GAC. The Garfield GTF also incorporates a 3,000-gallon equalization tank and influent transfer pump which was installed as part of a GTF upgrade in 2012. An air stripping treatment system with vapor-phase treatment vessels for aerator off-gas treatment was installed in 2013 to address variable mass loading of chlorinated ethanes in the groundwater extracted from wells EN-276 and EN-276R. Modifications to the conveyance piping were also made to segregate groundwater extracted by well EN-284P from groundwater extracted by wells EN-276 and EN-276R.

In 2016, the majority of the groundwater treated via the two-stage liquid-phase GAC system in the Garfield GTF was used to supply clean water for injection wells EN-92P, EN-529T, EN-530T, and EN-501T. Excess treated water not used for injection is discharged to the Susquehanna River via Outfall 001M through the Endicott municipal storm sewer system.

#### 2.4.2.2 Jefferson Avenue GTF

The Jefferson Avenue GTF, like the Garfield Avenue GTF, uses liquid-phase GAC as the primary treatment for extracted groundwater. The two-stage liquid-phase GAC system consists of two adsorption vessels, each with 20,000 pounds of GAC. In 2016, the majority of the groundwater treated via the two-stage liquid-phase GAC system in the Jefferson GTF was used to supply clean water for injection well EN-532T. Excess treated water not used for injection is discharged to the Susquehanna River via Outfall 002M through the Endicott municipal storm sewer system.

#### 2.4.2.3 Adams Avenue GTF

The treatment system at the Adams Avenue GTF uses liquid-phase GAC systems similar to the Garfield Avenue and Jefferson Avenue GTF systems. The arrangement of the treatment systems at the Adams Avenue GTF allows for separate treatment of groundwater from two groups of wells exhibiting distinctive geochemical characteristics and having different pre-treatment requirements. One influent stream, consisting of groundwater extracted from bedrock well EN-D49 (and previously from EN-185P and EN-492T) is designated as the “A1 line” and uses a solids removal

system consisting of an equalization tank, sand filter with automated backwash, settling vessel, and high speed centrifuge to remove suspended solids in a pre-treatment step. This influent stream is then chemically treated to sequester calcium and magnesium carbonate and suppress biofouling in a second pre-treatment step. The final treatment step uses a two-stage liquid-phase GAC system consisting of two adsorption vessels, each with 20,000 pounds of GAC.

The other influent stream, consisting of groundwater extracted from wells EN-447T and EN-491T (and previously from EN-195) is designated as the “A2 line” and does not require pre-treatment. This influent stream is handled with a separate two-stage liquid-phase GAC system consisting of two adsorption vessels, each with 10,000 pounds of GAC. The treated effluent from the A2 line is used to supply clean water for injection at well locations EN-78T and EN-161T. Excess treated water not used for injection, along with treated effluent from the original A1 line, is discharged to the Susquehanna River via Outfall 003M through the Endicott municipal storm sewer system.

#### **2.4.2.4 Clark Street GTF**

In 2016, groundwater from four wells in OU#1 (EN-114T, EN-428, EN-253R, and EN-219R) and one well in OU#5 (EN-709) was treated at the Clark Street GTF. The Clark Street GTF is located on the north side of Clark Street near the eastern end of the Huron campus. The Clark Street GTF treatment system consists of a 3,000-gallon equalization tank, a QED EZ-Tray air stripper and three in-series vapor-phase treatment vessels for aerator off-gas treatment. Two of the vapor-phase treatment vessels contain granular activated carbon and a third vapor-phase treatment vessel contains a special zeolite medium for polishing the air stripper effluent stream. The treated effluent is discharged to the Susquehanna River via Outfall 006M through the Endicott municipal storm sewer system.

### 3 DESCRIPTION OF WORK PERFORMED IN 2016

#### 3.1 Remediation System Operations

This section of the Combined Groundwater Report discusses the groundwater extraction and injection systems and contaminant recovery achieved by extraction wells operating at the Site during 2016 and the efficiency of groundwater treatment to remove these contaminants from the groundwater prior to discharge to surface water via the storm sewer system. A summary description of significant maintenance activities conducted in 2016 for the groundwater extraction and treatment systems is presented in Appendix G.

##### 3.1.1 Groundwater Extraction and Injection

As noted in 2.4.1, groundwater extraction and injection volumes by well and by month in 2016 are shown on Table A-1 of Appendix A. The total volume of groundwater extracted at the Site in 2016 was 323.2 MG. The total volume of clean water injected in 2016 was 245.0 MG, with 70% of that total injected by five wells in OSCZ-A and the rest injected by one well in the “On-Site” Capture Zone (EN-509T) and by two wells (EN-161T and EN-501T) in the Southern Area. A breakdown of the total extraction volumes in MG by remediation area in 2015 and 2016, and the change from 2015 to 2016, is shown below on Table 3-1. A complete record of extraction volumes by remediation area since 2005 is presented in Table A-3 of Appendix A.

<b>Table 3-1: Groundwater Extraction Volumes by Remediation Area (MG, millions of gallons)</b>			
<b>Area</b>	<b>2015</b>	<b>2016</b>	<b>Change from 2015 to 2016</b>
"On-Site" Capture Zone (OU#1 and OU#7)	24.5	31.0	6.5
North Street Area / "Off-Site" Capture Zone A (OU#2 and MA-A)	284.0	260.6	-23.4
"Off-Site" Capture Zone B	14.8	14.4	-0.4
Building 57/57A (OU#5)	4.6	4.6	0
Bedrock Groundwater (OU#6)	12.8	12.6	-0.2
Total	340.8	323.2	-17.6

In the North Street Area and OSCZ-A, the 2016 extraction volume (260.6 MG) is slightly less than the amount extracted in 2015. However, volumes extracted in 2015 and 2016 are higher than in any previous year except 2014 due to the sustained volumes of clean water being injected at EN-78T, EN-501T, EN-532T, EN-529T/EN-92P, and EN-530T. The relationship between the injection and extraction volumes in OSCZ-A is examined in more detail in Section 6.4.

The annual extraction volume for bedrock groundwater extraction well EN-D49 in 2016 was 12.6 MG. Between 2009 and 2016, the groundwater extracted from EN-D49 has varied by no more than five percent, ranging from 12.2 to 12.8 MG.

### **3.1.2 Influent and Effluent Sampling of Groundwater Treatment Systems**

Influent and effluent samples were collected monthly in 2016 from the Garfield Avenue GTF, Jefferson Avenue GTF, Adams Avenue GTF, and Clark Street GTF. Mid-point samples (from between carbon vessels) were collected at least monthly from the Garfield, Jefferson, and Adams Avenue GTFs. Separate influent and mid-point samples were collected from the A1 and A2 lines of the Adams Avenue GTF. Sampling points at the Clark Street GTF consisted of air stripper influent and a final effluent sampling point prior to discharge to Outfall 006M. All influent, effluent, and mid-point samples were analyzed for VOCs by SW-846 Method 8260C. The pH of the effluent was also recorded in the field. Analytical chemistry data for influent and effluent samples collected in 2016 is presented in Appendix E-2.

### **3.1.3 Operational Efficiency**

The operational efficiency of the extraction wells, injection wells, and treatment systems at the Site in 2016 was analyzed by reviewing the number of days that each well was pumping and comparing this number to the number of possible days of operation. Wells were considered active on days when at least 10 gallons per day was injected or extracted. Table 3-2 summarizes the days of activity for each well and shows the up-time percentage relative to either the number of days in the year (366, a leap year) or the period when the well was available (e.g., partial years for EN-253R, EN-276, EN-276R, and EN-509T).

Table 3-2: Operational Efficiency of Extraction and Injection Wells in 2016					
Well	Operational Days in 2016	% Time in Operation*	Well	Operational Days in 2016	% Time in Operation*
<b>Garfield GTF</b>			<b>Clark GTF</b>		
EN-284P	365	99.7%	EN-219R	365	99.7%
EN-194	365	99.7%	EN-253R**	296	99.3%
EN-215T	363	99.2%	EN-428	361	98.6%
EN-276**	324	99.4%	EN-709	366	100.0%
EN-276R**	233	89.3%			
<b>Jefferson GTF</b>					
EN-91T	365	99.7%	<b>Injection Wells</b>		
EN-133	366	100.0%			
EN-451P	366	100.0%	EN-078T	350	95.6%
<b>Adams GTF</b>			EN-501T	219	59.8%
EN-491T	366	100.0%	EN-161T	342	93.4%
EN-447T	363	99.2%	EN-529T	292	79.8%
EN-D49	358	97.8%	EN-530T	289	79.0%
<b>Huron OTF</b>			EN-532T	366	100.0%
EN-114T***	362	98.9%	EN-092P	290	79.2%
EN-107R	366	100.0%	EN-509T**	216	92.7%
*Percent time in operation is based on full days when at least 10 gallons was pumped. **The operational periods for these wells were less than 366 days because they were either not active at the beginning of 2016 or were shut down before the end of 2016. Days of possible operation for each well: EN-276 = 326 days; EN-276R = 261 days; EN-253R = 298 days; EN-509T = 233 days. *** Water from this well was also conveyed to the Clark GTF for part of the year.					

As shown on Table 3-2, the operational efficiency for 16 of the 17 extraction wells operating in 2016 was greater than 97% based on days of pumping, thirteen wells had greater than 99% operational efficiency in 2016 and five extraction wells operated 100% of the time in 2016. In addition to lower operational efficiencies due to planned shutdown of some wells (EN-276, EN-253R), the operational periods for other wells were reduced due to factors such as off-hour pump failures (EN-215T), major GTF conveyance system repairs (EN-D49 and EN-114T) and multiple well cleanings (EN-428).

The operational efficiency was greater than 90% for four of the eight injection wells in 2016. Compared to 2015, the injection efficiency was lower in 2016 due the shutdown of the Garfield GTF for relining of the treatment vessels in June and July. The injection wells are typically



restarted approximately five days after a change-out of carbon in the associated GTF, and the number of days when the injection wells are off during these carbon changes depends on achieving acceptable levels of total suspended solids in the treated water to be injected.

### **3.1.4 Treatment Efficiency**

Treatment efficiency was calculated for the four GTFs operating in 2016 by comparing VOC concentrations in the influent to VOC concentrations in the effluent from each treatment system. The pH and concentrations of VOCs in the effluent from all four GTFs operated by IBM were within the limits allowed by the former SPDES permit (pH = 6.0 to 9.0 and VOCs less than 10 µg/L each). Based on the ratio of influent to effluent concentrations, the treatment efficiency for the four active GTFs was greater than 99.9% in 2016.

### **3.1.5 System Maintenance**

#### **3.1.5.1 Water Treatment Chemical (WTC) Use and Reporting**

Water treatment chemicals (WTCs) were used in 2016 at the Garfield Avenue GTF (Outfall 001M) Adams Avenue GTF (Outfall 003M), and Clark Street GTF (Outfall 006M) and associated extraction wells. The purpose of the WTCs is to control biofouling and precipitation of iron and calcium in the extraction wells, GAC beds, air strippers, treatment system piping, meters, and pumps. Some of the WTCs are added directly to the treatment system trains whereas others are injected or added at the extraction wells. Two different WTCs were used with NYSDEC approval. Table 3-3 lists these WTCs, their purposes, and the total quantity of each that was used in 2016. A detailed table was submitted to NYSDEC in March 2017 to comply with the annual WTC reporting requirement.

<b>Table 3-3: Water Treatment Chemical Use in 2016</b>			
<b>Water Treatment Chemical</b>	<b>Outfalls Where Used</b>	<b>Quantity Used in 2016 (pounds)</b>	<b>Purpose</b>
NaOCl (Sodium Hypochlorite)	006M	15,735	Microbiocide
Redux 300*	001M, 003M, 006M	21,537	Sequestering agent for Fe and Ca deposits
<b>Total:</b>		<b>37,272</b>	<b>Pounds</b>
*Contains phosphorus; total phosphorus analysis of effluent required when in use.			

As shown on Table 3-3, IBM used a total of 37,272 pounds (18.6 tons) of water treatment chemicals in 2016 to maintain operational efficiency of the groundwater extraction and treatment systems at the Site.

### 3.1.5.2 Carbon Changes

Granular activated carbon was used at the four active groundwater treatment facilities in 2016. The Garfield, Jefferson, and Adams GTFs use liquid-phase GAC vessels in the groundwater treatment process. The Garfield and Clark GTFs use vapor-phase GAC vessels for off-gas treatment from air stripping systems. When the GAC reaches its adsorptive capacity for removal of VOCs, the spent carbon is removed from its respective vessel by the vendor and is replaced with virgin or reactivated carbon. Detections of VOCs in the midpoint samples of the liquid-phase GAC vessels are used to determine whether the adsorptive capacity of the GAC has been exhausted. During a carbon change, the spent carbon is removed from the lead vessel and is replaced with fresh carbon. The lead-lag positions of the two in-series vessels are then reversed by adjusting valves and/or hose connections, except when carbon is changed in both the lead and lag vessels.

The carbon change-out process takes several hours and requires shutdown of the treatment system and associated extraction and injection wells. The extraction wells are restarted following the carbon change. The injection wells are not restarted until concentrations of total dissolved solids in the GTF effluent have decreased to levels acceptable for injection of the treated water. Typically, the clean water injection operations resume within about one week after the carbon change. Table 3-4 lists the carbon changes that occurred in 2016 at three of the four GTFs where carbon was used (No carbon changes occurred at the Jefferson Avenue GTF). Eight liquid-phase and 16 vapor-phase

carbon changes occurred in 2016. 230,000 pounds (115 tons) of spent carbon were shipped off-site for regeneration.

<b>Table 3-4: Granular Activated Carbon Changes in 2016</b>		
<b>GTF</b>	<b>Date</b>	<b>Net Weight of Spent Carbon (pounds)</b>
Garfield	1-26-16	2,000*
	2-2-16	20,000
	3-10-16	2,000*
	4-29-16	20,000
	5-24-16	2,000*
	7-11-16	20,000
	7-20-16	20,000
	8-11-16	2,000*
	10-11-16	4,000*
	11-8-16	20,000
	12-14-17	2,000*
Adams	7-26-16 (A2)	10,000
	8-1-16 ((A2)	10,000
	9-12-16 (A1)	20,000
Clark	1-26-16	7,000*
	2-9-16	7,000*
	3-10-16	7,000*
	4-19-16	7,000*
	5-24-16	6,000*
	6-28-16	7,000*
	8-11-16	7,000*
	9-8-16	14,000*
	10-11-16	7,000*
	12-14-16	7,000*
	<b>Total</b>	230,000
* Denotes vapor-phase GAC; all other weights are for liquid-phase GAC. Net weight for liquid-phase carbon excludes water weight and precipitated solids.		

### 3.1.5.3 Repairs and Maintenance

Submersible pumps and motors were replaced during 2016 in wells EN-107R (4 times), EN-114T (twice), EN-219R, EN-215T, EN-276 (twice), EN-276R, and EN-447T. Vacuum pumps were replaced or rebuilt in vacuum-assisted extraction wells EN-091T (twice), EN-107R, EN-284P (twice), EN-219R (three times), EN-447T, EN-451P, and EN-491T.

Three extraction wells in OU#1 were rehabilitated by water jetting, surging, air lifting, and physical brushing of the well screens: EN-114T, EN-219R, and EN-428 (six times). Chemicals including acids and biocides were used as needed to break down precipitates and inhibit microbial growth.

The C1 conveyance pipeline system between B046S and the Clark Street GTF was cleaned by flushing with municipal water twelve times in 2016. The C1 line section between B046S and well 107R was flushed once on March 8, 2016. The C2 conveyance line from B046S to the Clark Street GTF was flushed on October 20, November 15, and December 28, 2016. The C6 conveyance line from the EN-709 transfer station to the Clark Street GTF was flushed with municipal water on January 4, January 8, January 12, September 7, and December 28, 2016.

The annual cleaning and calibration of flow meters at the Clark Street GTF and wells EN-107R, EN-114T, EN-253R, EN-428, and EN-709 was performed on February 9, 2016. Annual cleaning and calibration of flow meters at the Jefferson Avenue GTF and wells EN-91T and EN-451P was conducted on May 10, 2016. A second flow meter calibration was completed on the flow meters in the Jefferson GTF on December 19, 2016. Additional flow meter cleanings were completed at wells EN-709 and EN-219R in February 2016 and again at well EN-709 in June 2016.

A significant maintenance event occurred at the Garfield GTF during June and July of 2016. Each carbon tank was cleaned by an approved asbestos contractor following removal of the carbon. In addition, several feet of the lower steel vessel cone was removed from each vessel after corrosion was identified during the cleanings, and the lower cone areas were rebuilt with new steel components followed by relining with an epoxy resin to address future corrosion on the inside of the carbon vessels. The valve tree between the lead and lag carbon vessels was significantly reworked to provide isolation and eliminate the potential for cross-contamination caused by corrosion of the valve assemblies. A new manway ladder and platform were installed on the northern tank to provide improved access and safety during carbon changes, the western wall of the GTF was modified, and a new catwalk was designed and installed on the southern tank to provide easier access to that vessel's manway.

Maintenance work was also completed at the Adams GTF in 2016. Following removal of the carbon, the bottom portion of the southern tank (A2 system) was cleaned by an approved asbestos

contractor, the steel base of the tank was repaired, and the carbon drain nozzle was replaced. The lower dome of the tank was then relined with an epoxy resin to prevent future corrosion. The valve tree on the A2 system tanks was also modified to improve isolation between the two carbon tanks and to prevent cross-contamination caused by corrosion of the components, similar to the modifications made to the Garfield GTF.

### **3.1.6 System Upgrades**

With the exception of the new manway and ladder and platform installation performed at the Garfield GTF as part of the carbon vessel repairs, no major upgrades to groundwater treatment facilities or to extraction and injection systems were performed in 2016.

## **3.2 Groundwater Monitoring Program Activities**

Groundwater monitoring activities performed during 2016 included measurement of groundwater elevations, inspection and maintenance of monitoring wells including repairs to surface seals, and collection of groundwater samples for chemical analysis. Each of these activities is described in one of the following subsections.

### **3.2.1 Groundwater Elevation Measurements**

Groundwater elevations were calculated by subtracting the measured depth to water from the surveyed elevation of the measurement point listed in Appendix C. For most wells, the designated measurement point is the top of the inner well casing (the “TOC Elevation”). This measurement reference point is typically notched into the top of the well casing.

#### **3.2.1.1 Comprehensive Water Level Measurement Events**

In 2016, 1,631 water levels were measured manually using portable electronic water level meters during water level measurement events. The principal water level measurement events are listed below.

1. A comprehensive semi-annual water level measurement event on May 24 and 26, 2016 (532 measurements) to satisfy semimanual requirements. This event included monitoring wells

completed in the Bedrock Aquifer as well as those completed in the Upper Aquifer. Following a vapor-phase carbon change at the Clark Street GTF on May 24, 2016 that briefly shut down several extraction wells, including EN-114T and EN-219R, 119 wells in OU#1 and OU#2 were re-measured on May 26 to assess the effect of this shutdown on measurements in monitoring wells near the OU#1 extraction wells.

2. Two other relatively comprehensive water level measurement events occurred on August 3, 2016 and on November 28 and 29, 2016. The August event consisted of 311 measurements associated with extraction and injection activities in MA-A (OSZ-A), OU#3, OU#4, OU#5, OU#6, and OU#7, but not the “On-Site” Capture Zone (OU#1 and OU#2). The November event consisted of 323 measurements in OU#1, OU#2, MA-A (OSZ-A), OU#3, OU#4, and OU#7.
3. An additional water level measurement event occurred on February 1, 2016 with 112 measurements.

The groundwater elevation data collected during these events are presented in Appendix C of this report.

### 3.2.1.2 Supplemental Water Level Measurements

Hundreds of supplemental groundwater elevations were measured in 2016. Groundwater elevations were measured manually using portable electronic water level meters at each active or inactive extraction well and its associated observation well periodically throughout 2016. Water levels were also measured each time a well was sampled.

Three studies were conducted which generated additional water level measurements:

1. EN-114T Assessment (OU#1): A total of 99 measurements were collected on September 15, 2016 to evaluate the performance of extraction well EN-114T at increased pumping rates to assess the effectiveness of plume capture in the western part of the Railroad Corridor Source Area.

2. EN-154R Shutdown (OU#7): Quarterly measurements were made at 37 wells on February 10, May 24, August 11, and November 17, 2016 to further evaluate ambient water table fluctuations in the Upper Aquifer with extraction well EN-154R shutdown.
3. Underground Water Main Leak (OU#1 and OU#2): A total of 45 measurements were collected on September 13, 2016. These measurements were collected from monitoring wells located in the vicinity of a suspected water main leak near Building 18 and the cooling towers.

### **3.2.1.3 Continuous Water Level Monitoring**

At the beginning of 2016, continuous water level recorders were operating in twelve monitoring wells in the Railroad Corridor Source Area (OU#1), in the North Street Area (OU#2), in OSCZ-A (MA-A), and in the Southern Area (OU#3). The number of active deployed recorders was reduced to as few as eight during the year by equipment failure and temporary removal for repair. As of December 31, 2016, continuous water level recorders were operating in six monitoring wells in OU#1 and OU#2, and in three monitoring wells in OSCZ-A and OU#3. The wells in which recorders were deployed in 2016 are listed on Table 3-5. Each water level recorder consists of a pressure transducer and datalogger that electronically records periodic readings from the transducer. Water level data were periodically downloaded from these dataloggers and were converted to groundwater elevations. Manual water level measurements made at the time of downloading were used to calibrate the data collected by the dataloggers.

Table 3-5: Monitoring Wells with Continuous Water Level Recorders during 2016		
OU#1/OU#2		MA-A/OU#3
EN-12	EN-114	EN-29A
EN-34	EN-148	EN-204*
EN-51	EN-187*	EN-401
EN-52	EN-533*	EN-450
* The water level recorder was removed from this well before 12/31/2016.		

### 3.2.2 Monitoring Well Inspections

All wells have been surveyed for planar coordinates (northing and easting on the state coordinate grid), ground surface elevation and measurement point elevation (typically top of casing). The table of Physical Well Data and Well Specifications, Table B-1 of Appendix B, presents this data plus other information, including a location description, installation date, depth, well screen intervals, casing and screen size and materials, and depth to the bottom of the Upper Aquifer (where the lacustrine silt was encountered).

A comprehensive inspection of the well field was performed in 2016, supplemented by additional inspections when each monitoring well was sampled. The following items were covered during the inspections: (1) measurement of the depth to bottom and comparison of this depth to the well's reference depth to determine the need for redevelopment due to buildup of silt; (2) assessment of the legibility of the well tag, visibility of the survey mark, and need for painting or maintenance of the standpipe or manhole; (3) assessment of the condition of the well seal; (4) assessment of the general downhole condition of the well, including the presence of bends or obstructions; and (5) documentation of dedicated equipment. The results of the well field inspection are summarized in Table B-2 of Appendix B.

### 3.2.3 Groundwater Sampling

Quarterly groundwater sampling events occurred in February, May, August, and November 2016. The semiannual sampling events occurred in May and August 2016 and an additional relatively comprehensive sampling event occurred in November 2016. In previous years, the primary



comprehensive sampling event occurred in August; however due to the shutdown of four injection wells in June and July, the quarterly November sampling event was expanded to include samples from wells affected by clean water injection, after injection had been reestablished for several months. Monthly samples were collected from active extraction wells. The groundwater samples were analyzed by Eurofins Lancaster Laboratories Environmental, LLC of Lancaster, Pennsylvania. The laboratory is certified by the New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP), Certificate No. 10670.

The remainder of this section presents the analytical results for environmental samples collected during 2016, including blank samples for quality control (QC) and samples from groundwater monitoring wells and extraction wells.

### **3.2.3.1 Reporting of Groundwater Chemistry Data**

Groundwater chemistry data generated in 2016 from groundwater sampling activities is maintained in a geographic information system (GIS) database by GHD of Windsor, Ontario, Canada. The database is updated periodically and the updates are web-accessible. This GIS database contains both groundwater analytical chemistry and associated field QC data for trip blanks and equipment rinse blanks. The analytical laboratory transmits the preliminary data electronically to both GHD and GSC. Full report packages of analytical chemistry data (“data deliverables packages”) follow and are transmitted by the analytical laboratory on CD to both GHD and GSC. Information regarding the analytical method, sample results, QC results, chain-of-custody documentation, laboratory correspondence, and raw data are provided with these data deliverables packages.

An independent third-party data validator (GHD) assessed the acceptability and usability of the data according to criteria contained in the EPA Region 2 validation criteria for organic data. Laboratory analytical results were assessed by the data validator for compliance with chain-of-custody procedures, holding times, system monitoring compound (surrogate) recoveries, matrix spikes, blank contamination, GC/MS instrument performance checks, compound quantitation and reported detection limits, instrument calibrations, and internal standards.

Upon completion of validation, a data usability summary report (DUSR) was prepared for each data deliverables package. Limitations on the use of laboratory data were reported by means of

qualification codes as summarized in the DUSR. The most common qualification code is a “J”, which indicates that the reported concentration is estimated. The GIS database maintained by GHD reflects the final data qualification codes and corrected concentrations.

A summary printout of the groundwater analytical chemistry data for samples collected in 2016, including duplicate samples, is presented in Appendix E. The data presented in Appendix E-1 are shown in alphanumeric ascending order by sample location (well number) and then chronologically within each sampling location. Groundwater chemistry data for several monitoring wells located on private property were reported to the property owners in advance of this report. As noted in Section 3.1.2, analytical chemistry data for the influent to and effluent from the four groundwater treatment facilities operated by IBM in 2016 is presented in Appendix E-2.

### **3.2.3.2 Quality Assurance/Quality Control Samples**

QA/QC analytical data for 2016 consisting of duplicate samples, equipment rinse blanks, and trip blanks is discussed in the following subsections. Analytical chemistry data for duplicate samples is presented in Appendix E. Analytical chemistry data for blank samples is presented in Appendix F. Methylene chloride, a common laboratory contaminant, was detected in 26 rinse blanks but not in any trip blanks. TCE and c12-DCE were detected in six rinse blanks collected in February 2016 and toluene was detected in nine rinse blanks and in one trip blank. Detections of VOCs in blanks ranged from 0.1 to 0.8 micrograms per liter ( $\mu\text{g/L}$ ). The corresponding groundwater analytical data were qualified as necessary in accordance with EPA Region 2 validation criteria.

#### **3.2.3.2.1 Duplicate Samples**

Duplicate samples were collected by filling multiple sample containers from the same sampling device during each sampling round at a frequency of at least one duplicate sample per 20 samples collected from groundwater monitoring wells (i.e., a minimum of five percent of the samples). Forty-five (45) duplicate samples were collected in 2016, which is more than five percent of the 838 unique groundwater samples that were collected from monitoring wells. The duplicate samples were analyzed by SW-846 Method 8260C and were used to assess intralaboratory analytical accuracy and repeatability. The duplicate samples were assigned blind field identification numbers by the samplers.

Comparative results for a portion of the data from the duplicate samples collected in 2016 are presented in Table F-1 of Appendix F. The relative percent difference (RPD) between the results for each primary sample and duplicate sample was calculated and is shown on Table F-1 for the two VOCs with the highest detections in each well. Only five of 84 RPD results on Table F-1 exceed 20% and only one exceeds 30%. The highest RPD was 33%, where the primary and duplicate sample results were 150 and 210 µg/L respectively.

Based on criteria including the results of the calculations, the parameters analyzed and reported, the absolute differences given sample dilutions, concentration levels, and professional judgment, the duplicate results for 2016 are generally in good agreement and do not show gross variations that would indicate serious analytical quality control problems.

#### **3.2.3.2.2 Trip Blanks**

In addition to duplicate split samples, 70 trip blanks for VOCs were prepared in 2016 using deionized water for each cooler containing VOC samples to be delivered to the laboratory. The purpose of the trip blanks is to detect contamination in sample transportation or storage. A trip blank accompanied the sample containers from the field sampling locations and to the laboratory. Analytical results for these trip blanks are presented in Appendix F. The environmental samples associated with each trip blank can be determined by noting the dates over which the trip blanks are valid (refer to “Sample Description” heading in Appendix F).

#### **3.2.3.2.3 Equipment Rinse Blanks**

Equipment rinse blanks were collected to confirm the efficiency of decontamination procedures for each sampling round by rinsing non-dedicated equipment with analyte-free deionized water supplied by the laboratory. Forty-two (42) equipment rinse blanks for VOCs were collected in 2016 from water level indicators (40), from a non-dedicated bailer (1) and from a submersible pump (1). Analytical results for these equipment rinse blanks are presented in Appendix F.

## 4 HYDROGEOLOGY

This section of the report reviews the geology and hydrogeology of the Site and presents updates regarding geologic and hydrogeologic interpretations, and the hydraulic effectiveness of the groundwater extraction wells.

### 4.1 Upper Aquifer

#### 4.1.1 Saturated Thickness

The current lacustrine silt surface elevation contour map is shown on Plate 2-1. As explained in Section 2.2.2, the top of the lacustrine silt is in contact with the base of the Upper Aquifer. Plate 4-1 shows the data and elevation contours for the top of the saturated zone in the Upper Aquifer on August 3, 2016.

The saturated thickness of the Upper Aquifer was derived by cross-contouring the top-of-silt contour map (Plate 2-1) with the August 2016 groundwater elevation contour map for the Upper Aquifer (Plate 4-1). The resulting saturated thickness contour map for the Upper Aquifer in August 2016 is shown on Figure 4-1. The areas where the Upper Aquifer is unsaturated or has less than two feet of saturation are shaded on Figure 4-1. These “dry” or nearly dry areas of the Upper Aquifer are also shown on Plate 4-1. An additional more comprehensive water level monitoring round of groundwater elevations in late November 2016 was used to construct a second groundwater elevation contour map for the Upper Aquifer (Plate 4-2). The biggest differences between Plates 4-1 and 4-2 is that: 1) the more comprehensive monitoring round in November 2016 includes elevation data and groundwater elevation contours for the central manufacturing area, north of North Street; and 2) groundwater elevations were slightly higher in November 2016 in the central part of “Off-Site” Capture Zone A in the vicinity of Monroe Street and in the Southern Area following the resumption of clean water injection for several months at EN-92P, EN-501T and EN-529T. Groundwater elevations were lower in “Off-Site” Capture Zone A in August 2016 because the injection wells had been offline for about two months prior to the water level measurements on August 3, 2016. Outside of areas affected by injection, the larger areas of the Upper Aquifer that are dry or nearly dry in August and November 2016 are similar to those delineated during the past seven years.

## 4.1.2 Groundwater Flow and Capture Zones

This subsection examines groundwater flow within the Upper Aquifer under pumping conditions with the extraction wells operating. As noted above, Plate 4-1 shows the groundwater elevation contours for the Upper Aquifer based on a water level monitoring round of groundwater elevations recorded on August 3, 2016 and Plate 4-2 shows the groundwater elevation contours for the Upper Aquifer based on a more comprehensive water level monitoring round of groundwater elevations recorded on November 28 and 29, 2016. Apparent groundwater flow directions based on contouring the November 2016 groundwater elevation data reveal that groundwater withdrawals have established three general capture zones. These capture zones are:

1. The “On-Site” Capture Zone, including the Railroad Corridor Source Area (OU#1) and the former Huron Lot #26 parking area (OU#5);
2. “Off-Site” Capture Zone A, including the North Street Area (OU#2); and
3. “Off-Site” Capture Zone B, including the Ideal Cleaners Area (OU#4).

A fourth area of interest consists of the Southern Area (OU#3), some of which lies beyond the limits of “Off-Site” Capture Zones A and B, as discussed further in Section 4.1.2.4.

### 4.1.2.1 “On-Site” Capture Zone

Groundwater flow in the central portion of the “On-Site” Capture Zone in the Railroad Corridor Source Area (OU#1) is controlled by groundwater withdrawals from extraction wells located in three areas along the north side of the Norfolk Southern railroad tracks. From west to east, as shown on Plate 4-2, these are extraction wells EN-107R and EN-114T, extraction wells EN-428 and EN-253R (which was not operating in November 2016), and extraction well EN-219R.

Pumping at extraction well EN-114T significantly impacted the configuration of the “On-Site” Capture Zone in OU#1, as shown on Plate 4-2. Pumping rates at EN-114T tripled from March to November 2016, resulting in expansion of the area of groundwater capture compared to the area observed in August 2015. Expansion of the groundwater capture area was to the west toward Oak Hill Avenue in the vicinity of well EN-72 and to the south where the groundwater flow divide

shifted to the south of Building 87. Groundwater elevations around EN-114T in November 2016 were approximately five feet lower than in 2015. However, the location of the divide between the EN-114T capture area and the larger EN-428/EN-219R capture area, which is coincident with a higher silt surface elevation area near monitoring well EN-51, remained in a similar orientation, suggesting that the silt surface topography influences the location of the groundwater flow divides in that part of OU#1, particularly when extraction rates have increased and the water table has been lowered.

Increased pumping rates at extraction wells EN-276/EN-276R in 2016 also expanded the capture area of those wells slightly to the north, toward the northern edge of Building 18. The eastern flow divide of this capture area shifted slightly eastward toward Building 41 in the vicinity of wells EN-20 and EN-508. The western and southern flow divides remained in similar orientations relative to 2015, possibly due to the lacustrine silt surface topography in those areas.

As shown on Plate 4-1, groundwater flow in the southwestern portion of OU#5 is controlled by groundwater extraction from well EN-709 located in the former Huron Lot #26, now occupied by Gault Toyota. This extraction well was installed to target low concentrations of VOCs in groundwater that were identified in this area during Supplemental Remedial Investigations. Extraction at EN-709 began in June 2013 following completion of source removal thermal treatment activities. As shown on Plate 4-1, the capture zone of EN-709 in August 2016 extended to the south to North Street, to the west near Hayes Avenue, and to the east to Dittrich Street. The apparent groundwater elevations and flow directions on Plate 4-1 indicate shallow groundwater beneath the western part of Building 57 is captured by extraction well EN-709.

#### 4.1.2.2 “Off-Site” Capture Zone A

“Off-Site” Capture Zone A (OSCZ-A) is defined by four general pumping centers in the area between North Street and East Main Street. The apparent limits of capture for each of these four pumping centers are shown on Plates 4-1 and 4-2:

1. EN-133, EN-451P, and EN-91T located east of Jefferson Avenue and west of Washington Avenue capture groundwater in the area of the western portion of the former plume in OSCZ-A.

2. EN-276 and EN-276R, located between Building 18 (B018) and Building 14 (B014), control dissolved VOC flux on the northern side of North Street.
3. EN-284P, located in a glacial ice-block depression about 200 feet south of North Street, controls dissolved VOC flux crossing North Street and also operates to capture groundwater in the central and eastern portions of OSCZ-A.
4. EN-194 and EN-215T, located near the intersection of Grant Avenue and Monroe Street, and EN-447T, located at the northern end of the McKinley Avenue interchange, operate to capture groundwater in the southern portion of OSCZ-A and the northern portion of the OU#3 Southern Area.

Wells EN-215T and EN-447T also enhance groundwater extraction in an elongate depression in the surface of the lacustrine silt located south of Monroe Street between Garfield and Adams Avenues (Plate 2-1) where the saturated thickness of the glacial outwash sand and gravel is greater than 20 feet (Figure 4-1). This feature is referred to as the top-of-silt “trough” or “trough area,” and the extraction wells in this feature are referred to as the “trough wells” or “trough extraction wells.”

Clean water injection at seven wells constructed specifically for this purpose greatly affects the direction of groundwater flow and associated hydraulic gradients in the areas south of North Street. As shown on Plates 4-1 and 4-2, clean water injected at EN-532T, at an average rate of about 144 gpm, flows to the southeast toward trough extraction wells EN-215T and EN-447T, to the north toward extraction wells EN-133, EN-451P and EN-91T, and to the west toward an area outside the plume boundaries where groundwater ultimately discharges to the Susquehanna River. Plates 4-1 and 4-2 also show that clean water injected at EN-92P and EN-529T, at a combined average rate of about 140 gpm, flows to the northeast toward extraction well EN-284P, to the southeast toward the trough extraction wells, and to the northwest toward extraction wells EN-133, EN-451P and EN-91T.

In the eastern portion of OSCZ-A, clean water injected at EN-78T, at an average rate of 38 gpm, flows to the west toward extraction well EN-284P and to the east and south in the direction of Monroe Street extraction well EN-491T. A small component of water injected at EN-78T flows to the southwest toward trough extraction well EN-447T.

In the southeastern portion of OSCZ-A, clean water injected at EN-161T, at an average rate of 121 gpm, flows north toward extraction well EN-491T on Monroe Street and southwest toward trough extraction well EN-447T. Clean water injected at EN-501T, at an average rate of 44 gpm, flows east and northeast toward trough extraction well EN-447T. Some of the clean water injected at EN-161T and EN-501T is not captured by an extraction well and ultimately discharges to the Susquehanna River.

Clean water injection at EN-530T east of extraction well EN-284P averaged 37 gpm during 2016. Plates 4-1 and 4-2 show a component of flow from EN-530T that is captured by the Jefferson Avenue extraction wells to the west and southwest of injection well EN-530T. A component of flow to the southeast is ultimately captured by extraction well EN-284P, which is separated from EN-530T by a dry area in the Upper Aquifer created by a topographic high in the top of the lacustrine silt unit.

#### **4.1.2.3 “Off-Site” Capture Zone B**

“Off-Site” Capture Zone B (OSCZ-B) can be subdivided into a western portion containing a low concentration plume of VOCs that appears to originate in the portion of the Huron, LLC facility east of McKinley Avenue (referred to as the Old Group Buildings) and an eastern portion containing the former Ideal Cleaners Area (OU#4) and its associated groundwater plume, which has nearly disappeared. The water level data indicate that operation of extraction well EN-491T controls groundwater flow in the western portion of OSCZ-B. Other extraction wells near Monroe Street that captured groundwater flow in the eastern portion of OSCZ-B are no longer necessary due to the severe attenuation of the groundwater plume originating in the former Ideal Cleaners Area. The limits of capture shown on Plates 4-1 and 4-2 for extraction well EN-491T in 2016 are similar to those for 2015.

#### **4.1.2.4 Southern Area**

The Southern Area (OU#3) is hydraulically separated from “Off-Site” Capture Zones A and B as a result of groundwater extraction at EN-447T and clean water injection at EN-161T and EN-501T. This separation from the areas of active groundwater extraction means that groundwater flow in the Southern Area is derived from: (1) direct recharge to the Upper Aquifer within the limits of the



Southern Area and (2) a portion of the clean water injected at wells EN-161T and EN-501T. As shown on Plates 4-1 and 4-2, the apparent groundwater flow divide separating the Southern Area from OSCZ-A, as inferred for both August and November 2016, extends to East Main Street and includes part of the McKinley Avenue interchange. The location of this divide varies with changes in the extraction rate at trough well EN-447T and with changes in injection rates at wells EN-501T and EN-161T. Both the August and November 2016 monitoring data show that the area southeast of East Main Street was outside the limits of capture by the trough extraction wells in 2016.

Near the eastern boundary of the Southern Area, declines in groundwater elevations have created apparently dry or nearly dry areas in the Upper Aquifer, including an area around well EN-465 on the eastern flow divide near the intersection of Jackson Avenue and Riverview Drive, as shown on Plates 4-1 and 4-2.

## 4.2 Bedrock Aquifer

As shown on the August 2016 bedrock potentiometric surface contour map provided as Figure 4-2, the operation of extraction well EN-D49 creates a significantly broad zone of capture within the bedrock aquifer at the Site. The capture zone extends from north of Monroe Street and north of bedrock monitoring well EN-D36 to west of Adams Avenue and west of monitoring wells EN-D48, EN-D35, and EN-D10.

## 5 HYDROGEOCHEMISTRY

This section of the annual report presents an analysis of the chemical concentration data collected in 2016, including an assessment of trends that may be occurring at specific monitoring locations.

### 5.1 Chemicals of Concern

The chemicals of concern at the Site include chlorinated ethenes, chlorinated ethanes, and chlorofluorinated ethanes (Freons). In accordance with the GMP, isoconcentration contour maps for nine principal VOCs have been constructed annually using data from the comprehensive sampling event, typically in August. In 2016, data from the November sampling event in the “On-Site” Capture Zone, in “Off-Site” Capture Zones A and B, and in the Southern Area were used to construct the isoconcentration contour maps required by the GMP and are shown on Plates 5-1 through 5-4, and on Plates 5-6 through 5-10. However, since monitoring wells in OU#5, OU#6, and OU#7 were not affected by the shutdown of the clean water injection in June and July, data from the August 2016 sampling event was used to construct separate isoconcentration maps for those areas, as shown on Plates 5-11 (OU#5), 5-12 (OU#7), and 5-14 (OU#6).

#### 5.1.1 Chlorinated Ethenes

The principal chlorinated ethenes present in groundwater at the Site are tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (c12-DCE), 1,1-dichloroethene (11-DCE), and vinyl chloride (VC). PCE is a primary solvent typically used in degreasing and dry cleaning operations and does not occur in groundwater as a daughter product of another compound. TCE is also a primary solvent used for various industrial applications, and historically in dry cleaning operations, and can be either a daughter product of PCE by reductive dechlorination or a primary solvent unrelated to PCE use. Dissolved TCE, whether derived from PCE or directly from the solvent TCE, degrades by reductive dechlorination to either c12-DCE (preferentially) or trans-1,2-dichloroethene. These two isomers of dichloroethene then degrade by reductive dechlorination to VC, which ultimately degrades to ethene. As a group, these compounds are referred to as the “ethene series.” Isoconcentration contour maps for PCE, TCE, c12-DCE, and VC are presented on Plates 5-1, 5-2, 5-3, and 5-4. For OU#4, where significant reductions in concentrations have occurred since thermal treatment of the source area in 2010 (see Section 6.5), chemical concentrations are presented in a

series of graphs on Plate 5-5. These graphs show concentration trends in key wells located in the former PCE source area and downgradient from the former source area.

11-DCE, an ethene, is a transformation product of 1,1,1-trichloroethane (111-TCA) by an abiotic elimination reaction and also degrades to vinyl chloride and ethene. Because its parent is typically 111-TCA, 11-DCE is grouped with the chlorinated ethanes and is addressed in the following section.

### **5.1.2 Chlorinated Ethanes**

The principal chlorinated ethanes present in groundwater at the Site include 1,1,1-trichloroethane (111-TCA) and 1,1-dichloroethane (11-DCA). 111-TCA is a primary solvent used in many industrial applications and in printing operations. Its principal transformation products are 11-DCA by reductive dechlorination and 11-DCE by an abiotic elimination reaction. As noted in Section 5.1.1, 11-DCE may transform by reductive dechlorination to vinyl chloride and, although it is an ethene compound, 11-DCE is included in the ethane series because its parent compound is typically 111-TCA. 11-DCA may transform to chloroethane by reductive dechlorination. (Chloroethane is detected in only limited areas of the Site and was not contoured for this report.) This group of VOCs is referred to as the “ethane series.” Isoconcentration contour maps for 111-TCA, 11-DCA, and 11-DCE are presented on Plates 5-6, 5-7, and 5-8.

### **5.1.3 Chlorofluorinated Ethanes (Freons)**

Other compounds detected in groundwater at the Site include 1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113) and 1,2-dichloro-1,2,2-trifluoroethane (Freon 123a), which is a transformation product of Freon 113 by reductive dechlorination. Isoconcentration contour maps for these chlorofluorinated ethanes are shown on Plates 5-9 and 5-10.

## **5.2 Distribution of Chemical Concentrations in the Upper Aquifer**

For each of the nine chemicals of concern, the lowest concentration contour value shown on each isoconcentration contour map is the New York State Groundwater Quality Standard (NYSGQS)

listed in 6NYCRR Part 703. The NYSGQS is 2 µg/L for vinyl chloride and 5 µg/L for the other principal VOCs.

### 5.2.1 Distribution in the “On-Site” Capture Zones

As shown on Plates 5-6, 5-7, and 5-8, the ethane-series VOCs occur in source areas and plumes associated primarily with the Railroad Corridor Source Area (OU#1) and the North Street Area (OU#2). The ethene-series VOCs also occur in source areas and plumes associated with the OU#1 and OU#2 at concentrations greater than the NYSGQS, as shown on Plates 5-1 through 5-4.

The water main leak that occurred in early February 2015 in the vicinity of the cooling towers near Building 39 continued to have a residual effect on the distribution of VOCs in 2016 in OU#2, and to a lesser extent in OU#1. The impact of the water main leak is illustrated using concentration vs. time graphs on Figure 5-1 for monitoring wells EN-433 and EN-434 on the south side of North Street and for monitoring well EN-471 on the east side of McKinley Avenue near Old Group Building 28. The approximate period when the leak was identified and repaired is highlighted on these graphs, which show concentrations in these wells increasing by two to three orders of magnitude in response to shifts in the direction of groundwater flow and contaminant transport resulting from the water main leak located to the northwest and west. These graphs show that while VOC concentrations have declined since the leak was repaired, concentrations in this area have not declined to levels observed prior to the water leak, and remain two to three orders of magnitude above pre-leak concentrations at wells EN-434 and EN-471.

Freon 113 and Freon 123a are not significant constituents in groundwater south of North Street, meaning they were not typically detected at concentrations greater than 5 µg/L in 2016. Plate 5-9 shows that Freon 113 was detected in November 2016 at concentrations greater than 1,000 µg/L in the vicinity of Railroad Corridor Source Area (OU#1) monitoring well EN-58, near extraction well EN-219R. Concentrations of Freon 113 greater than 100 µg/L in the “On-Site” Capture Zone were detected in two areas of OU#1 in November 2016: (1) at monitoring well EN-51 between extraction wells EN-107R and EN-428 and (2) at monitoring well EN-533 between extraction wells EN-114T and EN-107R. The water main leak near the Building 39 cooling towers appears to have flushed Freon 113 from the area east of Building 18 toward Building 41 and McKinley Avenue to

the east. As shown on Figure 5-1 for the ethane-series parameters, the effects of this chemical migration are apparent at monitoring well EN-434 near the intersection of McKinley Avenue and North Street where Freon 113 was not detected in 2014 but was detected at a concentration of 71 µg/L in 2015 and 15 µg/L in 2016.

Individual isoconcentration maps for each chemical of concern in the Building 57 Area (OU#5) are presented on Plate 5-11 for August 2016 under pumping conditions at extraction well EN-709 with the apparent limits of hydraulic capture shown by a dashed orange line. Monitoring wells screened in units analogous to the Upper Aquifer are shown in purple; other monitoring wells are shown in gray. The isoconcentration contours shown on Plate 5-11 honor chemistry data posted for the Upper Aquifer wells. Concentration data for other wells reflect groundwater conditions in a complex stratigraphy that includes soil fill, alluvium, glacial till, and bedrock strata in addition to the Upper Aquifer outwash sand and gravel.

Concentrations of 111-TCA, 11-DCE and PCE did not exceed the NYSGQS in 2016 in the Upper Aquifer at OU#5. Concentrations of TCE exceeded the NYSGQS in one area hydraulically captured by extraction well EN-709 and in one area to the east, outside the EN-709 capture zone. c12-DCE and VC were also detected at concentrations greater than the NYSGQS in a specific area along the Norfolk Southern railroad tracks east of the EN-709 capture zone. In general, areas outside the EN-709 capture zone where concentrations of 11-DCA, TCE, c12-DCE, and VC in 2016 were greater than the NYSGQS are similar in extent to those observed in 2015.

Individual isoconcentration maps for each chemical of concern in OU#7 are presented on Plate 5-12 for August 2016 under non-pumping conditions. Concentrations of 111-TCA, 11-DCE, Freon 113 and Freon 123a exceeded the NYSGQS only at well EN-96. Concentrations of 11-DCA, c12-DCE and VC exceeding the NYSGQS were more widespread, with the highest concentrations at well EN-96. Concentrations of TCE exceeded the NYSGQS only at wells EN-70 and EN-177. As indicated by the isoconcentration contours on Plate 5-12, the majority of the ethanes detected in the southern portion of OU#7 are inferred to originate from the former tank area of the former Endicott Johnson Rubber Cement Plant, located northwest of Franklin Street. The 111-TCA plume extends to the south onto the RMJ Realty LLC property. PCE is also present on the RMJ Realty LLC

property between the Norfolk Southern railroad tracks and North Street and is associated with former dry cleaning operations.

### 5.2.2 Distribution in the “Off-Site” Capture Zones

Except for TCE (Plate 5-2), the maps for constituents present in OSCZ-A and the western portion of OSCZ-B show that the plume in those areas has been nearly eliminated at concentrations greater than the NYSGQS and what remains above the NYSGQS continues to be drawn toward extraction well EN-284P. This plume elimination process has been accelerated by the injection of clean water west of Garfield Avenue at wells EN-529T, EN-92P, and EN-530T, and east of McKinley Avenue at EN-78T. The clean water injection effectively flushes TCE and other constituents of the plume toward EN-284P and the extraction wells in “Off-Site” Capture Zones A and B. Additional injection operations at EN-532T, EN-501T, and EN-161T on the west, south, and east continue to flush clean water from the margins toward the extraction wells in “Off-Site” Capture Zones A and B.

The area of the plume south of North Street where TCE concentrations are greater than the NYSGQS (5 µg/L) has been reduced by more than 88 percent since 2004. Except for a small plume located west of McKinley Avenue in the Southern Area (OU#3) and well EN-91 adjacent to extraction well EN-91T, the plume with TCE concentrations greater than the NYSGQS (Plate 5-2) is being captured by extraction wells EN-284P in OSCZ-A and by EN-491T in OSCZ-B. Elsewhere in OSCZ-A, residual plume concentrations between the laboratory reporting limit (0.5 µg/L) and the NYSGQS are captured by the three Jefferson Avenue extraction wells and by the three trough extraction wells. In the Southern Area outside the influence of the extraction wells, concentrations of TCE do not exceed 2 µg/L anywhere east of McKinley Avenue.

c12-DCE and VC are present at concentrations greater than the NYSGQS in a dissolved-phase plume in the eastern portion of OSCZ-B south of the former Ideal Cleaners property (OU#4) as shown on Plates 5-3 and 5-4. In the plume downgradient from the former source area on the former Ideal Cleaners property, the data show that PCE and TCE have been replaced in the downgradient direction by c12-DCE and VC due to reductive dechlorination under anaerobic reducing conditions and cometabolic degradation under localized aerobic conditions. As shown on Plates 5-3 and 5-4,

the November 2016 isoconcentration contour maps show only a small plume of c12-DCE remaining south of the former source area and a narrow, low-concentration plume of VC extending to the southwest away from the former source area.

These degradation processes in the eastern portion of OSCZ-B are enhanced or caused by the geochemical effects of petroleum products sourced from the former Endicott Forging property located upgradient from and north of the former Ideal Cleaners property. These transformations occur as groundwater flows downgradient toward the intersection of Monroe Street and Adams Avenue, where the plume containing these transformation products was being captured by extraction wells EN-492T and EN-185P. Both of these narrow plumes have remained similar or have continued to decline in magnitude and lateral extent since the shutdown of extraction wells EN-492T and EN-185P.

The ethane-series VOCs occur throughout most of OSCZ-A at concentrations less than the NYSGQS. Except for 111-TCA at monitoring well EN-380 (2 µg/L) and EN-491A (1.1 µg/L), concentrations of ethane-series VOCs in OSCZ-B (OU#4) are less than 1 µg/L in areas south of North Street. 111-TCA is also present throughout the Southern Area at concentrations typically less than 2 µg/L.

### **5.3 Reduction of TCE Concentrations in the Upper Aquifer**

Plate 5-13 shows two isoconcentration contour maps comparing the distribution of TCE in the Upper Aquifer south of North Street prior to the startup of extraction operations at EN-284TD in June 2004 with the distribution of TCE in November 2016. The purpose of these comparative maps is to show the progress of groundwater remediation during the past 12 years. The area of TCE concentrations greater than 5 µg/L in the area south of North Street has been reduced by more than 88 percent since 2004.

Continued concentration reductions in the portion of the Upper Aquifer shown on Plate 5-13 are attributable to (1) operation of EN-284P to intercept flux crossing North Street, thereby preventing replenishment of the VOC mass in the plume; (2) operation of the Jefferson Avenue and trough extraction wells together with EN-284P to remove VOC mass that was present in this portion of the plume prior to the startup of EN-284TD; and (3) the concurrent operation of as many as seven

injection wells to accelerate the flushing of TCE and other constituents of concern from the Upper Aquifer.

#### **5.4 Distribution of Chemical Concentrations in the Bedrock Aquifer**

As shown on Figure 4-2, the operation of extraction well EN-D49 creates a significant area of groundwater capture within the bedrock aquifer at the Site. The effects of this groundwater capture are shown on Plate 5-14 as a series of seven VOC isoconcentration contour maps constructed using August 2016 groundwater chemistry data from bedrock monitoring wells and from extraction well EN-D49. The lowest concentration contour value shown on each map is the NYSGQS for the VOC shown on that map. These VOC maps show that the operation of well EN-D49 controls the plume of VOCs in bedrock groundwater, with no detections of VOCs at bedrock monitoring wells EN-D10, EN-D35, EN-D36, and EN-D48 outside the zone of groundwater capture, and no detections of VOCs at wells EN-D11 and EN-D41 inside the zone of groundwater capture. The highest VOC concentrations in the bedrock VOC plume were detected at wells EN-D33, EN-D44, EN-D46, and EN-D47, where the concentration of c12-DCE was greater than 1,000 µg/L. All four of these wells lie within the capture zone of extraction well EN-D49.



## 6 PROGRESS OF REMEDIATION

This section of the Combined Groundwater Report discusses the progress in remediating sources and plumes of VOCs at the Site in the context of the data presented in previous sections and the Site remediation goals stated in Section 2.1.

### 6.1 Source Area Control in Operable Unit No. 1

The concurrent operation of as many as five extraction wells in the Railroad Corridor Source Area within the “On-Site” Capture Zone prevents groundwater chemical flux from leaving the source areas along the railroad corridor in OU#1. This activity is consistent with the first Site remediation objective listed in Section 2.1, namely control of VOC sources in groundwater within the former IBM manufacturing facility portion of the Site. Table 6-1 compares the total VOC mass removed in OU#1 in 2016 with the average removed annually from 2005 to 2015 by the RCSA extraction wells. A complete record of VOC mass removal in the RCSA since 2005 is presented in Table A-4 of Appendix A.

**Table 6-1: VOC Mass Removed in 2016  
in the Railroad Corridor Source Area**

Extraction Well (Former Well)	VOC Mass Removed in 2016 (pounds)	Annual VOC Mass Removed, 11-Year Average, 2005-2015 (pounds)	Departure from 11-Year Average (pounds)
EN-107R (EN-107)	12	50	-38
EN-114T*	225	18	+207
EN-219R (EN-219)	1623	1618	+5
EN-253R (EN-253)	356	1015	-659
EN-428 (EN-428P)	488	632	-144
<b>Total</b>	<b>2704</b>	<b>3333</b>	<b>-629</b>
<i>*EN-114T began pumping in 2014 and so its 11-year average is skewed.</i>			

As shown above on Table 6-1, the VOC mass removed in 2016 from the RCSA is 19% less than the 11-year average due to decreases in mass removed from several wells in the RCSA, namely EN-107R, EN-253R, and EN-428. The decrease in the mass removed by EN-253R is a function of both decreasing concentrations in extracted groundwater and a decrease in the pumping rate, from about 1.5 gpm in 2015 to 0.7 gpm in 2016. The decrease in mass removed by EN-428 is mostly a

function of decreasing VOC concentrations in extracted groundwater. Mass removal in the RCSA depends heavily on maintaining flows from the extraction wells, especially EN-219R, and requires periodic replacement of well pumps, and cleaning of well screens and conveyance lines, as described in Section 3.1.5.3.

## **6.2 Control of Flux Crossing North Street in Operable Unit No. 2**

Groundwater extraction at wells EN-276 and EN-276R near the southwest corner of Building 18 (B018) continues to control apparent source areas in OU#2 and intercepts groundwater chemical flux from these source areas before it crosses North Street. In addition, EN-284P continues to intercept the groundwater chemical flux crossing North Street between Garfield and McKinley Avenues, as shown by the groundwater elevation contours and associated capture zones on Plates 4-1 and 4-2, and by the chemical isoconcentration contours in the vicinity of North Street on Plates 5-1 through 5-4, and Plates 5-6 through 5-10.

### **6.2.1 Groundwater Extraction in OU#2**

Two well pairs - EN-284P/EN-284TD south of North Street and EN-276/EN-276R north of North Street - have contributed to VOC source and VOC mass flux control in OU#2. Only wells EN-284P, EN-276, and 276R operated in 2016. Table 6-2 shows the extraction volumes for these three wells in 2016 and, for comparison, in 2015. A complete record of extraction volumes for these well pairs from 2003 (when only EN-276 was operating) to 2016 is presented in Table A-5 of Appendix A. Year-over-year discussions of the changes in extraction volumes were presented in previous annual reports.

For the past several years, groundwater extracted by EN-284P south of North Street has two principal sources in addition to natural recharge: (1) groundwater (and associated VOC mass flux) crossing North Street northeast of EN-284P and (2) clean water injection at wells EN-530T to the west, EN-78T to the east, and EN-529T to the south (and associated VOC mass flux from plume areas south and southeast of EN-284P). Before the startup of clean water injection in late 2008, groundwater was also sourced from dewatering of the Upper Aquifer in the vicinity of EN-284P.

**Table 6-2: Extraction Volumes (MG)  
in the North Street Area**

<b>Well</b>	<b>2015</b>	<b>2016</b>
EN-276/276R	3.1	1.7
EN-284P	45.7	36.5
<b>Subtotal</b>	<b>48.8</b>	<b>38.2</b>
EN-284P (Estimated Plume Reduction)	-40.0	-29.9
<b>Net Total Flux Control (Estimated)</b>	<b>8.8</b>	<b>8.3</b>
MG = millions of gallons		

Table 6-2 and the associated VOC mass removal table (Table 6-3) show the two principal sources of groundwater extraction and VOC mass removal, namely chemical flux crossing North Street and plume reduction by EN-284P south of North Street in Off-Site Capture Zone A.

The total flow from wells EN-276 and EN-276R in 2016 was lower than in 2015 and this 1.4 MG decrease in extraction volume represents a reduction in source/flux control in OU#2. This decrease in annual withdrawal is partly due to lower groundwater elevations in the former IBM manufacturing facility area and loss of yield due to progressive fouling of the well screens. The decrease in volume extracted by EN-284P, from 45.7 MG in 2015 to 36.5 MG in 2016, is due primarily to the loss of clean water injection during most of June and July from EN-530T and EN-529T during the Garfield GTF maintenance project. Had these two injection wells been operating at a combined rate of 150 gpm during that time, an additional 12 MG would have been injected, and approximately half of that water would have been captured by extraction well EN-284P.

### 6.2.2 VOC Mass Removal in OU#2

Table 6-3 shows the annual VOC mass removed in 2015 and 2016 for the three extraction wells operating in the vicinity of North Street. A complete record of VOC mass removal in OU#2 since 2003 is presented in Table A-6 of Appendix A.

**Table 6-3: VOC Mass Removed (pounds)  
in the North Street Area**

Well	2015	2016
EN-276/276R	4.7	19.5
EN-284P	42.6	29.7
<b>Subtotal</b>	<b>47.3</b>	<b>49.2</b>
EN-284P (Estimated Plume Reduction)	-14.0	-5.2
<b>Estimated Net Total Source/Flux Control</b>	<b>33.3</b>	<b>44.0</b>

As shown on Table 6-3, the VOC mass removed annually by wells EN-276/276R increased significantly from 4.7 pounds in 2015 to 19.5 pounds in 2016, despite the decrease in extraction volume from 3.1 to 1.7 MG, as shown on Table 6-2. The mass being removed by EN-276/276R is still a fraction of the peak of 170.3 pounds removed in 2012 when both EN-276 and EN-276R were pumping and clean water injected at well EN-509T to the northeast mobilized VOCs in apparent OU#2 source areas between extraction wells EN-276/276R and injection well EN-509T. The increase in VOC mass removed from wells EN-276/276R in 2016 compared with 2015 is likely due to: (1) expansion in the lateral extent of EN-276/276R hydraulic capture due to the loss of recharge from the Huron LLC water main leak that was repaired in 2015; and (2) additional pumping from EN-276R to supplement EN-276 in 2016.

Table 6-3 also shows the contribution to VOC mass removal in OU#2 by well EN-284P south of North Street. The VOC mass removed annually by EN-284P decreased from 42.6 pounds in 2015 to 29.7 pounds in 2016, due in part to a 20% decrease in extraction volume from 45.7 to 36.5 MG as shown on Table 6-2 and an increase in mass removal by upgradient on-site extraction wells EN-276/276R. The decrease in 2016 mass removal is also attributed in part to a lower mass flux from the residual OSCZ-A groundwater plume south of EN-284P. The mass removed by EN-284P in 2016 is now about the same as in 2014 and about 43% less than the peak achieved in 2011 (52.0 pounds) when VOCs in apparent OU#2 source areas were mobilized by clean water injection at EN-509T.

To calculate the VOC mass apportioned between flux control and plume reduction, concentrations were examined at monitoring wells EN-477 located south of EN-284P and EN-482 located southeast of EN-284P. Using a procedure applied in previous years, the average total VOC concentration at each of these wells in 2016 was calculated and then volumetrically weighted by taking the total volume injected at wells EN-78T, EN-529T, and EN-530T in 2016 (87.3 MG) and apportioning the volume injected at EN-529T and EN-530T (68.0 MG) to monitoring well EN-477 and the volume injected at EN-78T (19.2 MG) to monitoring well EN-482. The volumetrically weighted average total VOC concentration in these two monitoring wells was then calculated to be 21 µg/L in 2016. When combined with the estimated 29.9 MG of groundwater extraction volume associated with plume reduction (from Table 6-2), this corresponds to a total of 5.2 pounds of VOC mass removed by EN-284P and attributed to plume reduction in 2016. Subtracting this plume reduction mass from the total VOC mass removed by wells EN-276/276R and EN-284P leaves 44.0 pounds as the VOC mass removed to control groundwater chemical flux in the vicinity of North Street (OU#2) in 2016.

Figure 6-1 shows schematically (in red-violet) how the 2016 VOC mass attributed to controlling chemical flux crossing North Street in OU#2 (44.0 lbs.), and shown on Table 6-3, is apportioned between extraction wells EN-276/276R north of North Street (19.5 lbs.) and extraction well EN-284P south of North Street ( $29.7 - 5.2 = 24.5$  lbs.).

### **6.3 Changes Between 1980 and 2016 in Upper Aquifer Chemistry, OU#1 & OU#2**

Changes in concentrations of VOCs over the past 35 years in Upper Aquifer groundwater at OU#1 and OU#2 were assessed by comparing isoconcentration contour maps prepared in 1980 for three key VOCs with similar isoconcentration contour maps prepared for this report using November 2016 data.

Plate 6-1 shows these isoconcentration contour maps for PCE, TCE, and 111-TCA in September 1980 and November 2016 for the Railroad Corridor Source Area (OU#1) and the North Street Area (OU#2). The highest concentrations are indicated by darker shades of the respective colors: blue for PCE, tan for TCE and green for 111-TCA.

A comparison of the two PCE isoconcentration maps shows that concentrations greater than 5,000 µg/L in 1980 in the two areas along the railroad corridor had declined by two or more orders of magnitude by 2016 and the lateral extent of the PCE plume where concentrations are greater than 5 µg/L had greatly diminished from 1980 to 2016.

Similarly, a comparison of the two TCE isoconcentration maps shows that by 2016 concentrations greater than 50,000 µg/L in 1980 in the same two areas declined by three or more orders of magnitude by 2016. In addition, the lateral extent of the TCE plume where concentrations are greater than 5 µg/L greatly diminished. By 2016, the plume of TCE with concentrations greater than 5,000 µg/L, which extended far south of North Street in 1980, was no longer present.

In the case of 111-TCA, where four areas in 1980 had concentrations greater than 50,000 µg/L, only two of these areas remained in 2016 near extraction wells EN-428 and EN-253 in the railroad corridor and around well EN-20 on the eastern side of Building 18. As with PCE and TCE, the extent of the 111-TCA plume where concentrations are greater than 5 µg/L had greatly diminished by 2016 and the wide area south of North Street between Washington and McKinley Avenues where concentrations of 111-TCA were greater than 500 µg/L in 1980 was absent in 2016.

#### **6.4 Plume Reduction South of North Street in “Off-Site” Capture Zones A and B and in Operable Unit No. 3 (Southern Area)**

Enhanced groundwater extraction, initiated by IBM in 2004, combined with the steady injection of clean water, beginning in late 2008, has resulted in the substantial removal of TCE and other VOCs from Upper Aquifer groundwater in OU#3 (Southern Area). In recognition of these improvements in groundwater quality, NYSDEC issued a Record of Decision (ROD) on March 31, 2015 for this “Off-Site” area. The ROD prescribed “No Further Action” as the remedy for OU#3, contingent on continued operation of enhanced groundwater extraction and clean water injection. IBM will continue to monitor groundwater conditions and maintain enhanced groundwater extraction and clean water injection until NYSDEC determines that those remedial measures are no longer necessary.

With the flux crossing North Street controlled by the operation of extraction wells EN-276/276R and EN-284P, groundwater extraction from the remaining wells in “Off-Site” Capture Zones A and

B has been applied to plume reduction in that area. The following subsections discuss the annual clean water injection and extraction volumes, and VOC mass removal associated with these plume reduction measures.

#### **6.4.1 Clean Water Injection**

Table 6-5 shows the clean water injection volumes in 2015 and 2016 for seven injection wells operating to reduce the plume in “Off-Site” Capture Zones A and B. A complete record of injection volumes for these wells and for EN-501T since 2009 is presented in Table A-7 of Appendix A. Water injected at these wells in 2016 contributed significantly to the volume of groundwater captured by extraction wells in “Off-Site” Capture Zones A and B. The clean water sources for these seven wells consisted entirely of treated groundwater.

Based on a qualitative analysis of flow paths in 2016, which are similar to 2015, around 25% of the water injected at EN-78T in 2016 (5 MG) is estimated to have been captured by extraction well EN-491T on Monroe Street in the western portion of OSCZ-B. About 70% of the water injected at EN-78T (13 MG) is estimated to have been captured by extraction well EN-284P in OSCZ-A. (About 5% is estimated to have been captured by trough extraction well EN-447T.)

Similarly, 20% of the water injected at EN-161T in 2016 (12 MG) is estimated to have been captured by extraction well EN-491T located at the southern end of OSCZ-B along Monroe Street. An estimated 50% (30 MG) was captured by the trough extraction well EN-447T in OSCZ-A. The remaining 30% (18 MG) of the injected water is estimated to have flowed into the Southern Area.

**Table 6-5: Injection Volumes (MG) in “Off-Site” Capture Zone A and the Western Portion of “Off-Site” Capture Zone B**

Plume Area Affected by Injection	Injection Well(s)	2015	2016
Off-Site Capture Zone A (Central Portion)	EN-92P	9.2	8.2
	EN-529T	58.6	52.1
Off-Site Capture Zone A (Western Portion, West of Washington Ave)	EN-532T	78.8	76.0
Off-Site Capture Zone A (Southern Side, Top of Silt Trough)	EN-501T	26.8	12.3
Off-Site Capture Zone A (NE Portion, east of EN-284P) & Off-Site Capture Zone B (Western Portion)	EN-78T	20.1	19.2
Off-Site Capture Zone A (Eastern Side, Top of Silt Trough) & Off-Site Capture Zone B (Southern Portion)	EN-161T	62.2	59.4
Off-Site Capture Zone A (NW Portion, west of EN-284P)	EN-530T	18.1	15.9
<b>Net Total Injection</b>		<b>273.8</b>	<b>243.3</b>

In 2016, the combined injection operations at EN-92P, EN-529T, EN-532T, EN-501T, EN-78T, EN-161T, and EN-530T resulted in 243.3 MG of clean water being injected into the Upper Aquifer, about 11% less than the amount injected in 2015 due in part to the shutdown of several injection wells during the Garfield GTF maintenance project in June and July 2016. The effect of this continued injection has been to maintain the volume of water in storage in the aquifer (discussed further below), maintain the combined extraction volume of plume reduction wells, reduce VOC concentrations throughout the plume, and shrink the footprint of the plume.

#### 6.4.2 Groundwater Extraction

Table 6-6 shows the extraction volumes in 2015 and 2016 for seven extraction wells operating to reduce the plume in OSCZ-A, and for two extraction wells operating along Monroe Street at the southern end of OSCZ-B. (Only one extraction well on Monroe Street (EN-491T) was pumping in 2016.) A complete record of extraction volumes for these and other wells operating from 2004 to 2016 is presented in Table A-8 of Appendix A. Year-over-year discussions of the changes in extraction volumes were presented in previous annual reports.



**Table 6-6: Extraction Volumes (MG) in “Off-Site” Capture Zone A and the Western Portion of “Off-Site” Capture Zone B**

Plume Area	Extraction Well(s)	2015	2016
“Off-Site” Capture Zone A West of Washington Avenue	EN-133, EN-451P, & EN-91T	82.7	78.8
“Off-Site” Capture Zone A South of North Street	EN-284P	45.7	36.5
“Off-Site” Capture Zone A Top of Silt Trough	EN-215T, EN-447T, & EN-194	152.5	143.6
“Off-Site” Capture Zone B	EN-185P* & EN-491T	14.8	14.4
<b>Subtotal</b>		<b>295.7</b>	<b>273.3</b>
Source/Flux Control Crossing North Street (estimate)**	EN-284P	-5.7	-6.6
Ideal Cleaners Plume Flux Control	EN-185P*	-0.5	0
<b>Estimated Net Annual Extraction Volume</b>		<b>289.5</b>	<b>266.7</b>
* Well was not operating in 2016. ** Net from Table 6-2 entries for well EN-284P.			

Adjustments for two items are estimated near the bottom of Table 6-6: (1) the portion of extraction volume at EN-284P attributed to flux control in OU#2 (calculated from Table 6-2 entries); and (2) the portion of the volume extracted by the Monroe Street extraction wells attributed to control of the plume that previously emanated from the former Ideal Cleaners property. (In 2015, only EN-185P in the eastern portion of OSCZ-B effectively captured any groundwater originating from the Ideal Cleaners property, and only for January of that year.) After these adjustments, Table 6-6 shows that the annual extraction volume for plume reduction in OSCZ-A and the western portion of OSCZ-B decreased by about eight percent from 2015 to 2016, with groundwater extraction volumes being effectively maintained near the highest levels since extraction began in the 1980s.

### 6.4.3 VOC Mass Removal

In addition to examining changes in extraction volume from year to year, it is also important to examine the VOC mass removal occurring in “Off-Site” Capture Zones A and B. Table 6-7 shows the VOC mass removed in 2015 and 2016 for extraction wells in three plume areas in OSCZ-A and in one plume area in the western portion of OSCZ-B. A complete record of VOC mass removal from these areas since 2005 is presented in Table A-9 of Appendix A.

**Table 6-7: VOC Mass (pounds) Removed in “Off-Site” Capture Zone A and the Western Portion of “Off-Site” Capture Zone B**

Plume Area	Wells	2015	2016
“Off-Site” Capture Zone A West of Washington Avenue	EN-133, EN-451P & EN-91T	1.6	1.4
“Off-Site” Capture Zone A South of North Street	EN-284P*	14.0	5.2
“Off-Site” Capture Zone A Top of Silt Trough	EN-215T, EN-447T, & EN-194	4.6	3.7
“Off-Site” Capture Zone B (western portion)	EN-491T	0.7	0.6
<b>Total</b>		<b>20.9</b>	<b>10.9</b>
*Estimated portion attributable to plume reduction; see Table 6-3 entries.			

Table 6-7 shows that the annual VOC mass removed decreased by 10 pounds from 2015 to 2016, consistent with the rate of decrease of about 6 to 19 pounds per year from 2010 to 2015, as quantified on Table A-9 of Appendix A.

Figure 6-1 shows schematically (in blue) how the 2016 VOC mass attributable to plume reduction in “Off-Site” Capture Zones A and B (western portion), and shown on Table 6-7, is apportioned between (1) the three extraction wells west of Washington Avenue (1.4 pounds), (2) the area south of North Street captured by EN-284P (5.2 pounds), (3) the three extraction wells pumping from the top of silt trough (3.7 pounds), and (4) extraction well EN-491T on Monroe Street in the western portion of OU#4 (0.6 pounds).

#### **6.4.4 Change in Mass of TCE Dissolved in Groundwater, 2004 vs. 2016**

The purpose of calculating the mass of TCE dissolved in groundwater in the Upper Aquifer south of North Street is to provide the Agencies (NYSDEC and NYSDOH) with an indication of IBM’s continuing progress after achieving the stated goal of reducing the mass of TCE dissolved in groundwater within OSCZ-A and the Southern Area by 80% within 10 years. As noted in Section 2.1, IBM met this objective in 2012 after only eight years of enhanced corrective action operations. The following subsections compare the dissolved TCE mass in 2004 with the dissolved TCE mass in 2016.

#### 6.4.4.1 Calculation of Initial TCE Mass in Place, June 2004

The method for calculating the mass of dissolved VOCs in groundwater was first described in the *Addendum to the Annual Groundwater Monitoring Status Report for 2007* (2007 Addendum, August 28, 2008). That addendum explains the logic for selecting June 2004 as the initial date for calculating the mass of TCE dissolved in groundwater as well as the procedure for making these initial calculations and calculations for subsequent years. Restating this logic, June 2004 was selected as a starting date for the initial TCE mass calculation for three primary reasons:

1. Extraction test well EN-284TD started pumping continuously on July 6, 2004, marking the first significant change in the dynamics of groundwater flow south of North Street since field activities associated with the SGA were completed in 2003. EN-284TD began to intercept the mass flux across North Street that was previously intercepted by the Garfield and Jefferson Avenue extraction wells. Therefore, shortly after July 6, 2004, no appreciable mass flux was being added to the plume south of North Street. Furthermore, the initiation of pumping at this well location was identified in the SGA Report as the first step in attaining the corrective action objectives.
2. A comprehensive round of groundwater elevations measured on June 6-8, 2004 provides a snapshot of the groundwater flow system one month prior to startup of groundwater extraction at EN-284TD. This data is the basis for calculating the volume of water in storage within the Upper Aquifer in the area of concern prior to the initiation of flux control pumping at EN-284TD.
3. A comprehensive set of chemical concentration data exists for monitoring wells in OSCZ-A and the Southern Area for a short time prior to the startup of groundwater extraction at EN-284TD. This data is the basis for assessing the magnitude and distribution of TCE in groundwater within the area of concern prior to the initiation of flux control pumping at EN-284TD.

The initial mass-in-place calculation for TCE dissolved in groundwater is explained in detail in the 2007 Addendum. The method of calculation divides the plume area into cells measuring 100 feet by 100 feet, calculates the volume of groundwater within each cell (as explained in Section 6.4.4.2) and assigns the concentration of TCE in each cell based on a TCE isoconcentration contour map.

This method yields a calculation of the total volume of groundwater in storage within the footprint of the TCE plume, the total mass of TCE dissolved in that volume of groundwater and the average TCE concentration in the plume. Based on this method, the calculated total volume of water in storage within the plume area in June 2004 was 135 MG and the calculated mass of TCE dissolved in groundwater in June 2004 was 89.5 pounds.

#### **6.4.4.2 Calculation of TCE Mass in Place, August 2016**

The dissolved TCE mass calculation for August 2016 was done in the same way as the June 2004 calculation. First, an isoconcentration map of TCE in the Upper Aquifer was constructed by hand-contouring the TCE concentration data from August 2016. This TCE isoconcentration contour map is shown on Plate 5-2. Next, the groundwater elevations measured on August 3, 2016 were contoured to create a groundwater elevation contour map of the Upper Aquifer with a maximum contour interval of one foot. This groundwater elevation contour map is shown on Plate 4-1. Then, using the current top-of-silt contour map (Plate 2-1), a map of the Upper Aquifer saturated thickness was derived by cross-contouring the August 2016 groundwater elevation contour map with the current top-of-silt contour map. This saturated thickness contour map of the Upper Aquifer is shown on Figure 4-1.

An orthogonal grid with cell dimensions of 100 feet by 100 feet aligned with McKinley Avenue was overlain on both the TCE isoconcentration map for August 2016 and the Upper Aquifer saturated thickness map for August 2016, as shown on Figures 6-2 and 6-3. An average saturated thickness was assigned to each cell of the gridded Upper Aquifer saturated thickness map and an average TCE concentration was assigned to each cell of the gridded TCE isoconcentration contour map. The saturated thickness and TCE concentration values for each cell were then transferred to Excel worksheets such that each 100 feet by 100 feet grid cell corresponds to a cell in the worksheet, with TCE concentration on one page of the spreadsheet and saturated thickness on a separate page (Figures 6-4 and 6-5). Using an Upper Aquifer effective porosity of 35 percent, the volume of groundwater in storage within the plume area was calculated on a separate Excel worksheet (Figure 6-6). Based on this worksheet calculation, the estimated volume of groundwater in storage within the plume area of the Upper Aquifer in August 2016 was 116 MG, an increase in

groundwater in storage of about 46 MG since injection began in late 2008, but lower than the volume in storage from 2011 to 2015.

The mass of TCE dissolved in groundwater in each cell was then calculated on a separate Excel worksheet by multiplying the volume of groundwater in storage (in gallons) by the TCE concentration (in micrograms per liter), with a correction factor of  $8.35 \times 10^{-9}$  to convert the resulting TCE mass units to pounds. Where either the volume of groundwater in storage or TCE concentration of a worksheet cell was zero, the calculated TCE mass for that cell was zero, and the cell was effectively excluded from the mass calculation. The dissolved TCE mass calculated for each cell is shown on Figure 6-7.

The total dissolved TCE mass in groundwater south of North Street in August 2016 was calculated by summing the cells in each north-south column of the TCE mass worksheet such that the total of each column accrued in a single row at the bottom of the worksheet. The columnar totals in this row were then summed to yield the total TCE mass in place south of North Street, excluding the EN-284P capture area, as was done for the initial mass-in-place calculation. The estimated mass of TCE dissolved in groundwater in August 2016 calculated using the aforementioned method is approximately 1.3 pounds, or approximately 28% less than in 2015; however, this mass was dissolved in a smaller volume of groundwater (116 MG in 2016 vs. 149 MG in 2015).

#### **6.4.5 Continuing Reductions in the Concentration and Mass of TCE in Groundwater (South of North Street)**

This section of the report assesses IBM's progress after meeting the objectives described in Section 2.1 by comparing the June 2004 mass calculation with the August 2016 mass calculation. It also examines the factors contributing to the reduction in mass.

The TCE mass totals calculated for June 2004 and August 2016 indicate a 99% reduction of TCE mass dissolved in groundwater from 89.5 pounds to 1.3 pounds over a period of 12 years and two months. Linking the groundwater volume in storage in August 2016 with the TCE mass dissolved in groundwater shows that the average concentration of TCE in groundwater within the plume in August 2016 was 1.4  $\mu\text{g/L}$ . Therefore, in addition to a reduction of 99% in the dissolved TCE mass in groundwater since 2004, a reduction of 98% has been achieved for the average TCE

concentration in the plume compared to 2004 (79.5 µg/L). Furthermore, despite a decrease in clean water injection volume intended to reduce TCE concentrations and thereby accelerate the rates of desorption and reverse diffusion, the average TCE concentration in the plume decreased from 1.5 µg/L in 2015 to 1.4 µg/L in 2016.

Further reductions in TCE concentrations due to clean water injection will continue to enhance the partitioning of TCE mass from the solid phase (i.e., mass diffused into and sorbed onto and within aquifer solid particles) to the aqueous phase (i.e., mass dissolved in groundwater) via the mechanisms of desorption and reverse diffusion.

The potential for VOC mass transfer from the saturated zone solids to the aqueous phase (i.e., dissolved in groundwater) is supported by a comparison of the decline in dissolved TCE mass in groundwater (88.2 pounds out of an initial 89.5 pounds in 2004), as described above, with the TCE mass calculated to have been removed from the plume by extraction wells in OSCZ-A and the western portion of OSCZ-B between June 2004 and August 2016 (515 pounds). When compared to the lower calculated reduction in TCE mass dissolved in groundwater (88 pounds, rounded from 88.2 pounds), the higher calculated value of total TCE mass removed from the plume area (515 pounds) likely reflects the predominance of mass removed by desorption and reverse diffusion from saturated zone solids in the area of the plume and recharge of TCE-containing water from the deep vadose zone overlying the area of the plume (515 pounds - 88 pounds = 427 pounds). This comparison suggests that for every pound of dissolved TCE removed from groundwater about five pounds of TCE have been removed via the combination of: 1) desorption and reverse diffusion from saturated zone aquifer solids; and 2) recharge of TCE-containing water to the saturated zone from from the deep vadose zone (i.e., 427 pounds from saturated zone aquifer solids/deep vadose zone recharge vs. 88 pounds dissolved in groundwater, a 5:1 ratio).

## **6.5 Plume Reduction in Operable Unit No. 4 (Eastern Part of “Off-Site” Capture Zone B)**

In 2010, IBM successfully completed remediation of the PCE soil contamination at the former Ideal Cleaners property using *In-Situ* Thermal Desorption (ISTD) treatment. Following thermal treatment of the former PCE source area, the ethene series constituents remaining in OU#4 were limited to a narrow groundwater plume area. As a result, NYSDEC issued a ROD in November

2010 for Operable Unit No. 4. The ROD for OU#4 selected No Further Action as a remedy, contingent on the continued operation of Upper Aquifer groundwater plume remediation systems and vapor intrusion mitigation systems. Since the source removal by ISTD, groundwater monitoring in the Upper Aquifer has shown a rapid decline in the extent and concentration of the narrow ethene-series plume in OU#4 by natural attenuation processes. Results of monitoring in 2016 indicate the nearly complete elimination of PCE (for example, at source area wells EN-527 and EN-528, and at downgradient well EN-387A). Except for slight rebound in concentrations of TCE and c12-DCE at well EN-080 (from less than 1 µg/L to as much as 4 µg/L), concentrations trends for PCE's degradation products TCE, c12-DCE, and vinyl chloride are decreasing or stable (for example, at downgradient wells EN-387A, EN-394, and EN-381). Time versus concentration graphs for ethene-series compounds in key OU#4 monitoring wells with analytical data through November 2016 are shown on Plate 5-5.

As specified in the OU#4 Focused Feasibility Study (FFS) report, monitoring of the remaining groundwater plume would initially be performed semiannually for five years to monitor progress toward achieving the NYSGQS for chemicals of concern. At the five-year milestone, the monitoring data would be reviewed to assess whether the contingent remedy of enhanced biodegradation should be considered. Criteria specified in the FFS report that would trigger consideration of enhanced biodegradation include:

1. An increasing trend of one or more PCE-series compounds in groundwater samples collected from one or both monitoring wells EN-527 and EN-528, in the former PCE source area.
2. An increasing trend or lack of a declining trend in PCE or its daughter products for downgradient wells EN-387A and EN-394.

Neither of the above criteria was met in 2015 at the five-year milestone of post-source removal groundwater monitoring. The same was true in 2016 and, therefore, the need for the contingent remedy of enhanced biodegradation has not been triggered. Groundwater monitoring in OU#4 will continue in accordance with the current GMP, and changes in sampling locations and monitoring frequencies may be proposed as part of annual GMP modification requests.

Concentration trends in PCE-series constituents for downgradient monitoring wells EN-394, EN-80, and EN-381, as shown on Plate 5-5, indicate attainment of the NYSGQS, which is 5 µg/L for PCE, TCE and c12-DCE, and 2 µg/L for VC. Concentration trends at EN-387A suggest that attainment of the NYSGQS for c12-DCE and VC may extend beyond the proposed ten-year monitoring period at that location.

## **6.6 Status of Remediation at Operable Unit No. 5**

Remedial activities during 2016 within OU#5 consisted of continued groundwater extraction and treatment from well EN-709 together with routine groundwater monitoring. Four years of groundwater monitoring have been performed since the September 2012 completion of an Interim Remedial Measure (IRM) involving in-situ thermal treatment (ISTT). As documented in the Focused Feasibility Study (FFS) report by Sanborn, Head & Associates, Inc. (SHA) dated February 23, 2015, significant reductions in groundwater VOC concentrations have been observed within the ISTT treatment zones and in most areas downgradient from the treatment zones.

The ISTT IRM reduced VOC concentrations in soil and groundwater within the treatment zones by several orders of magnitude. Chlorofluorocarbons (CFCs) remain in bedrock below one of the treatment zones (the CFC Area). However, following a post-IRM assessment of bedrock groundwater in 2013, SHA concluded that CFCs were not migrating as far as North Street, the southern downgradient limit of OU#5. SHA also concluded that CFCs migrating from bedrock in the CFC Area are being captured by extraction well EN-709.

Based on the success of the IRMs completed at OU#5, NYSDEC issued a ROD for OU#5 on March 30, 2016. NYSDEC approved “No Further Action” as the remedy, contingent on continued operation of the interim remedial measures: hydraulic containment by pumping from well EN-709 supported by routine groundwater monitoring, and vapor intrusion mitigation of nearby off-site structures.

## **6.7 Status of Remediation in Operable Unit No. 6 (Bedrock Aquifer)**

NYSDEC issued a ROD for Operable Unit No. 6 on March 26, 2009. The ROD for OU#6 describes the approved remedy for the bedrock groundwater remedial program at the Site and notes



that the bedrock groundwater plume is under control and no longer poses a significant threat to human health or the environment. Therefore, NYSDEC approved “No Further Action” as the remedy, contingent on continued operation and maintenance of bedrock extraction well EN-D49, and on monitoring of groundwater in the bedrock aquifer.

Table 6-8 shows that the annual VOC mass removed since 2005 from the bedrock aquifer. Since the first full year of extraction well EN-D49 operation in 2007, the annual VOC mass removed has remained in the narrow range of about 22 to 26 pounds per year. Since 2008, more than 60% of the total VOC mass removed consists of c12-DCE.

**Table 6-8: Annual VOC Mass (pounds) Removed since 2005 from the Bedrock Aquifer**

Year	2005	2006*	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
VOC Mass	28.8	20.6	24.8	26.2	23.7	26.3	25.7	26.0	24.1	23.4	24.4	21.9

\* Extraction well EN-CAF ceased operation in August 2006 and EN-D49 started up in September 2006.

## 6.8 Status of Remediation at Operable Unit No. 7

In 2013, IBM submitted a request to perform a shutdown test of Upper Aquifer groundwater extraction well EN-154R in OU#7. The shutdown request was based on a review and analysis of trends in VOC concentrations and mass removals during nearly three decades of groundwater extraction operations at OU#7. Overall, the findings of that review and analysis indicated that the combination of VOC source removals and the first two decades (circa 1984 to 2004) of OU#7 groundwater extraction operations resulted in significant decreases in VOC concentrations in groundwater, with reductions of up to three orders of magnitude. In contrast, the third decade of groundwater extraction operations (2005 to 2014) did not produce further meaningful reductions in VOC concentrations. The EN-154R shutdown request was approved by the Agencies on December 31, 2013. The results of the test will be used to support selection of the final remedy for OU#7.

The second year of the two-year long shutdown test of extraction well EN-154R was completed in 2015, but was extended through 2016 for continued assessment. EN-154R shutdown test activities completed in 2016 consisted of post-shutdown quarterly groundwater monitoring in February, May, August, and November 2016. The planned scope of the shutdown test in 2017 includes additional

post-shutdown groundwater monitoring to support a decision regarding the long-term groundwater remedy for OU#7.

## 6.9 Summary of VOC Mass Removed by Pumping Site-Wide in 2016

From January 1, 2016 through December 31, 2016, the groundwater extraction wells removed about 2,798 pounds of VOCs from 323.2 MG of pumped groundwater. The monthly flows, together with chemical concentrations for each extraction well were used to calculate the mass of VOCs removed by pumping. The monthly VOC concentrations and calculated mass removed at each extraction well are tabulated in Appendix A.

More than 97 percent of the total VOC mass removed, or 2,704 pounds, was recovered by five Upper Aquifer extraction wells in the Railroad Corridor Source Area (OU#1). Outside of OU#1, the other three percent of the total VOC mass removed in 2016 came from other operable units and from OSCZ-A. About 49 pounds of VOCs were recovered from extraction wells EN-276 and EN-284P in the North Street Area (OU#2), about the same as in 2015 but a significantly less than the mass removed in 2011 and 2012 for reasons explained in Section 6.2.2. About six pounds of VOCs were recovered from seven Upper Aquifer extraction wells in Off-Site Capture Zones A and B, including portions of the Southern Area (OU#3). Bedrock Aquifer extraction well EN-D49 recovered 22 pounds of VOCs in OU#6, similar to the mass it recovered in each of the previous nine years. Approximately 17 pounds were recovered from extraction well EN-709 at the Building 57 Area (OU#5).

With regard to chemical speciation of the principal VOCs, about 78 percent of the total VOC mass removed in 2016 consisted of 111-TCA and its daughter products 11-DCA, 11-DCE and CEA. TCE and its daughter products c12-DCE and vinyl chloride comprised nearly 20 percent of the total VOC mass removed in 2016. PCE was 0.1 percent of the total VOC mass recovered in 2016 and 1.7 percent consisted of Freon 113 and Freon 123a.

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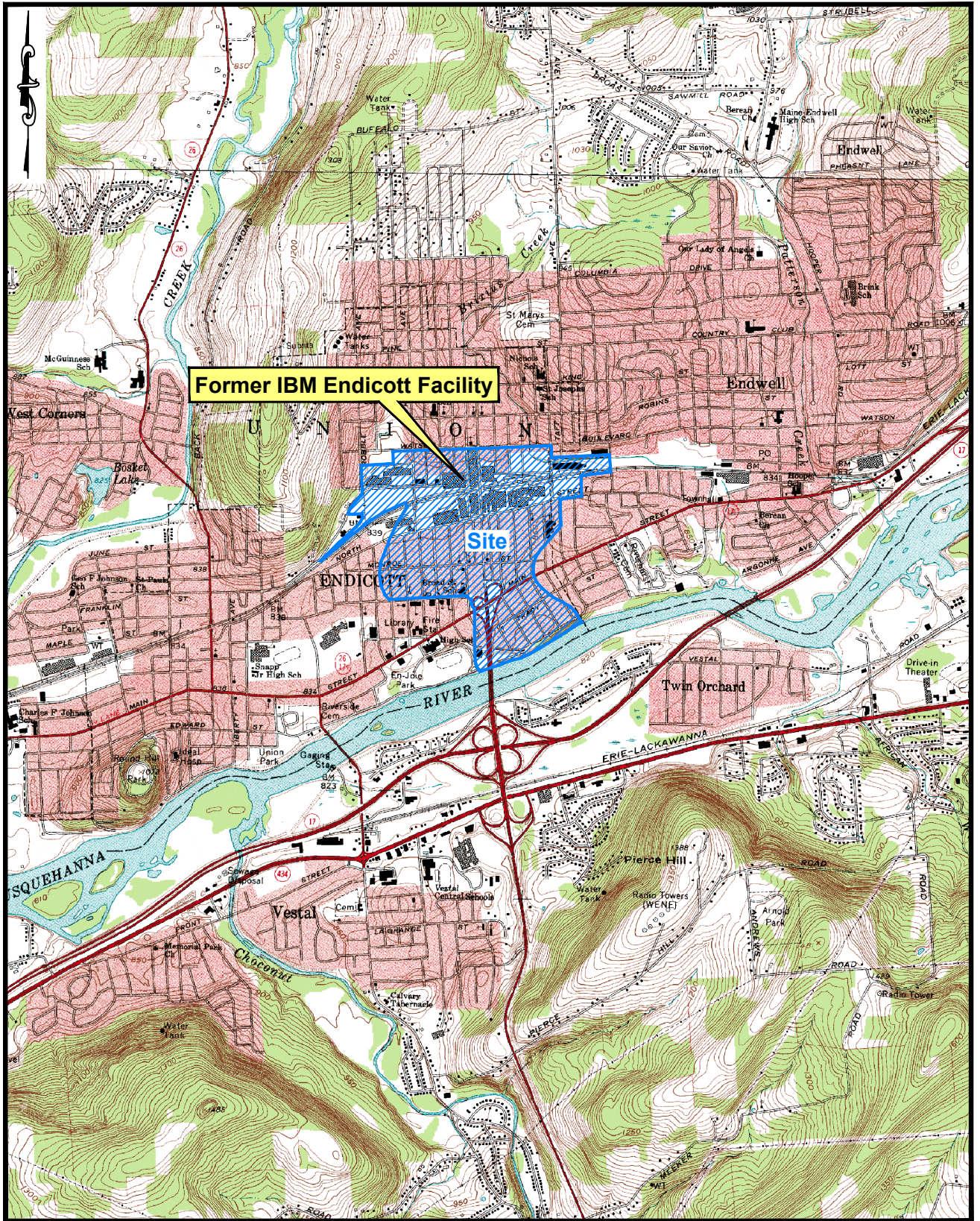
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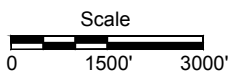


Portion of the Endicott, NY and Maine, NY  
7.5-minute USGS Quadrangles  
(2000)

Figure 1-1

*Former IBM Endicott Site  
Site #704014*

Site Location Map



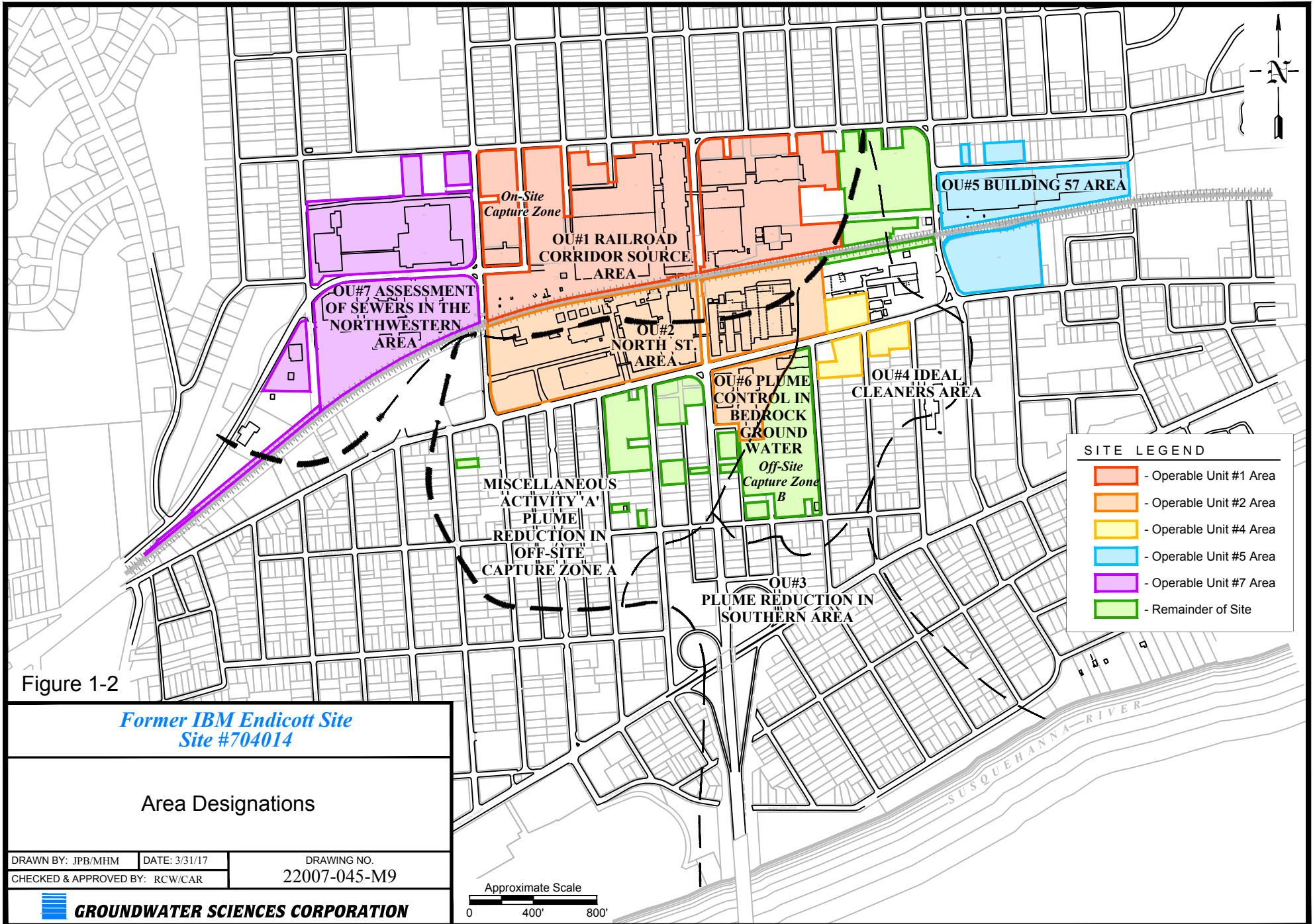


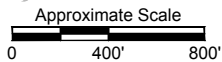
Figure 1-2

**Former IBM Endicott Site  
Site #704014**

**Area Designations**

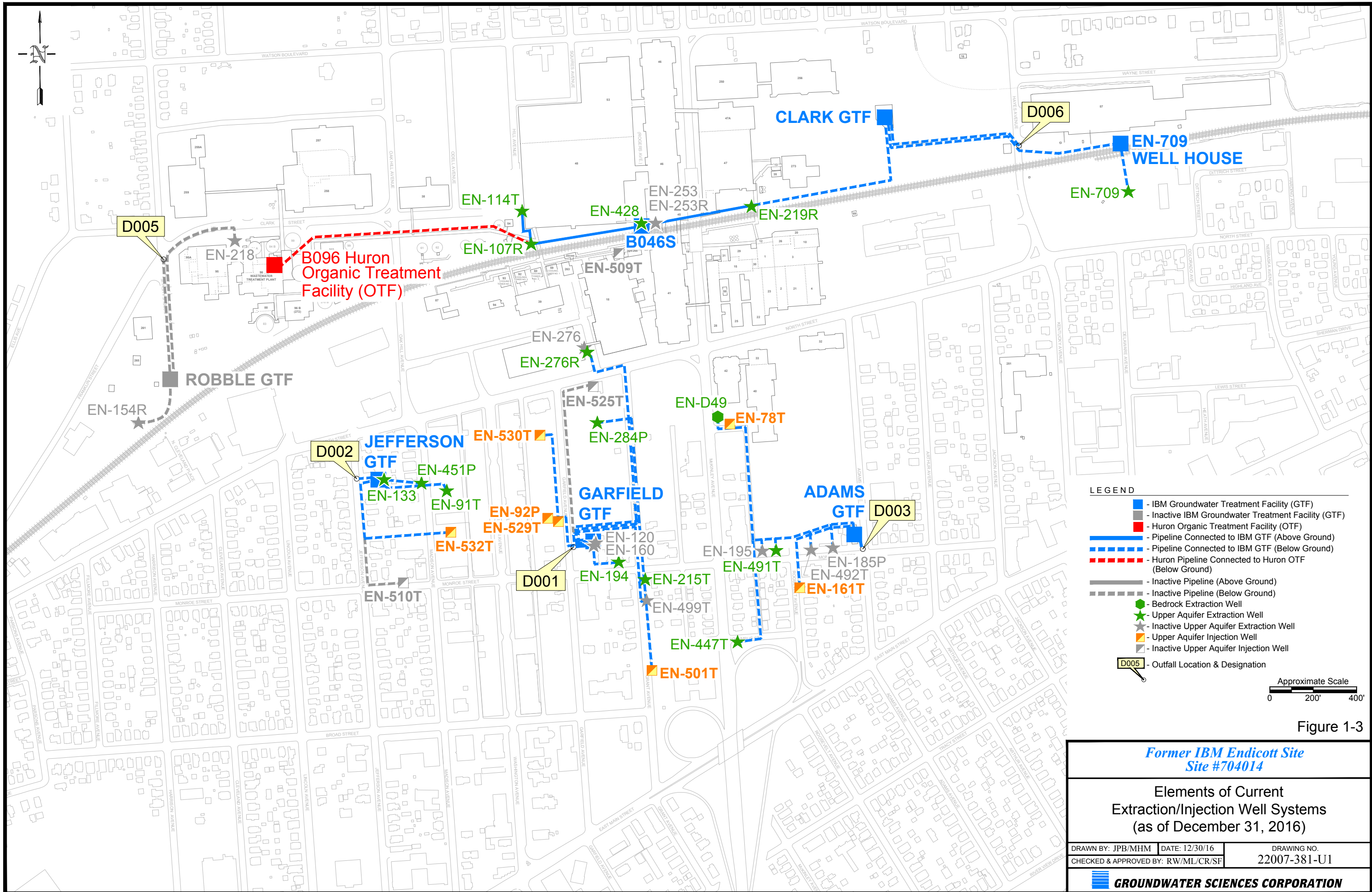
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 CHECKED & APPROVED BY: RCW/CAR

DRAWING NO.  
 22007-045-M9



**SITE LEGEND**

- Operable Unit #1 Area
- Operable Unit #2 Area
- Operable Unit #4 Area
- Operable Unit #5 Area
- Operable Unit #7 Area
- Remainder of Site



- LEGEND**
- - IBM Groundwater Treatment Facility (GTF)
  - - Inactive IBM Groundwater Treatment Facility (GTF)
  - - Huron Organic Treatment Facility (OTF)
  - (Solid Blue) - Pipeline Connected to IBM GTF (Above Ground)
  - (Dashed Blue) - Pipeline Connected to IBM GTF (Below Ground)
  - (Dashed Red) - Huron Pipeline Connected to Huron OTF (Below Ground)
  - (Solid Grey) - Inactive Pipeline (Above Ground)
  - (Dashed Grey) - Inactive Pipeline (Below Ground)
  - (Green) - Bedrock Extraction Well
  - ★ (Green) - Upper Aquifer Extraction Well
  - ★ (Grey) - Inactive Upper Aquifer Extraction Well
  - ▲ (Orange) - Upper Aquifer Injection Well
  - ▲ (Grey) - Inactive Upper Aquifer Injection Well
  - D005 - Outfall Location & Designation

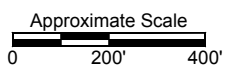


Figure 1-3

**Former IBM Endicott Site  
Site #704014**

**Elements of Current  
Extraction/Injection Well Systems  
(as of December 31, 2016)**

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CHECKED & APPROVED BY: RW/ML/CR/SF		22007-381-U1

**GROUNDWATER SCIENCES CORPORATION**

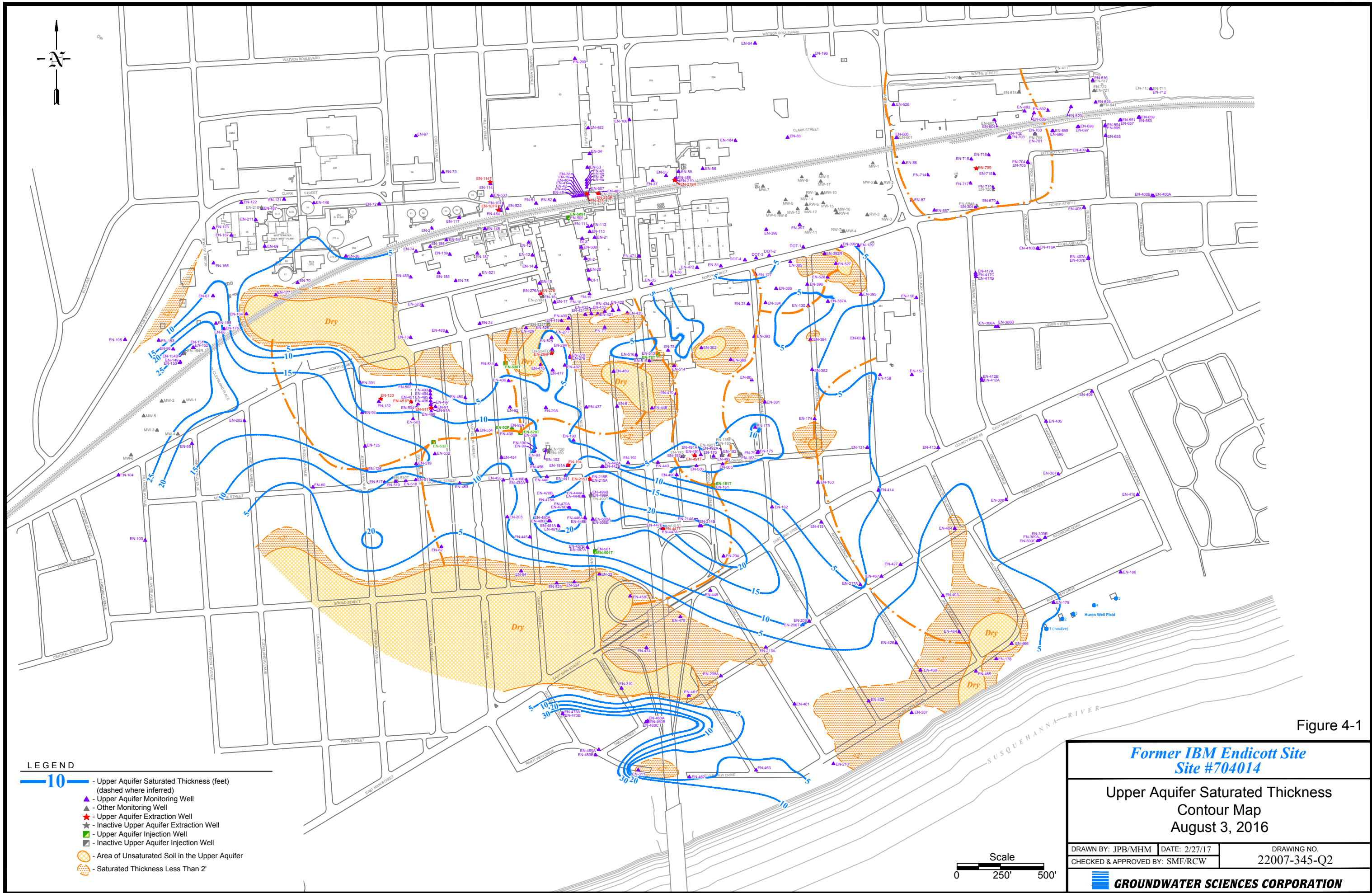


Figure 4-1

**Former IBM Endicott Site  
Site #704014**

**Upper Aquifer Saturated Thickness  
Contour Map  
August 3, 2016**

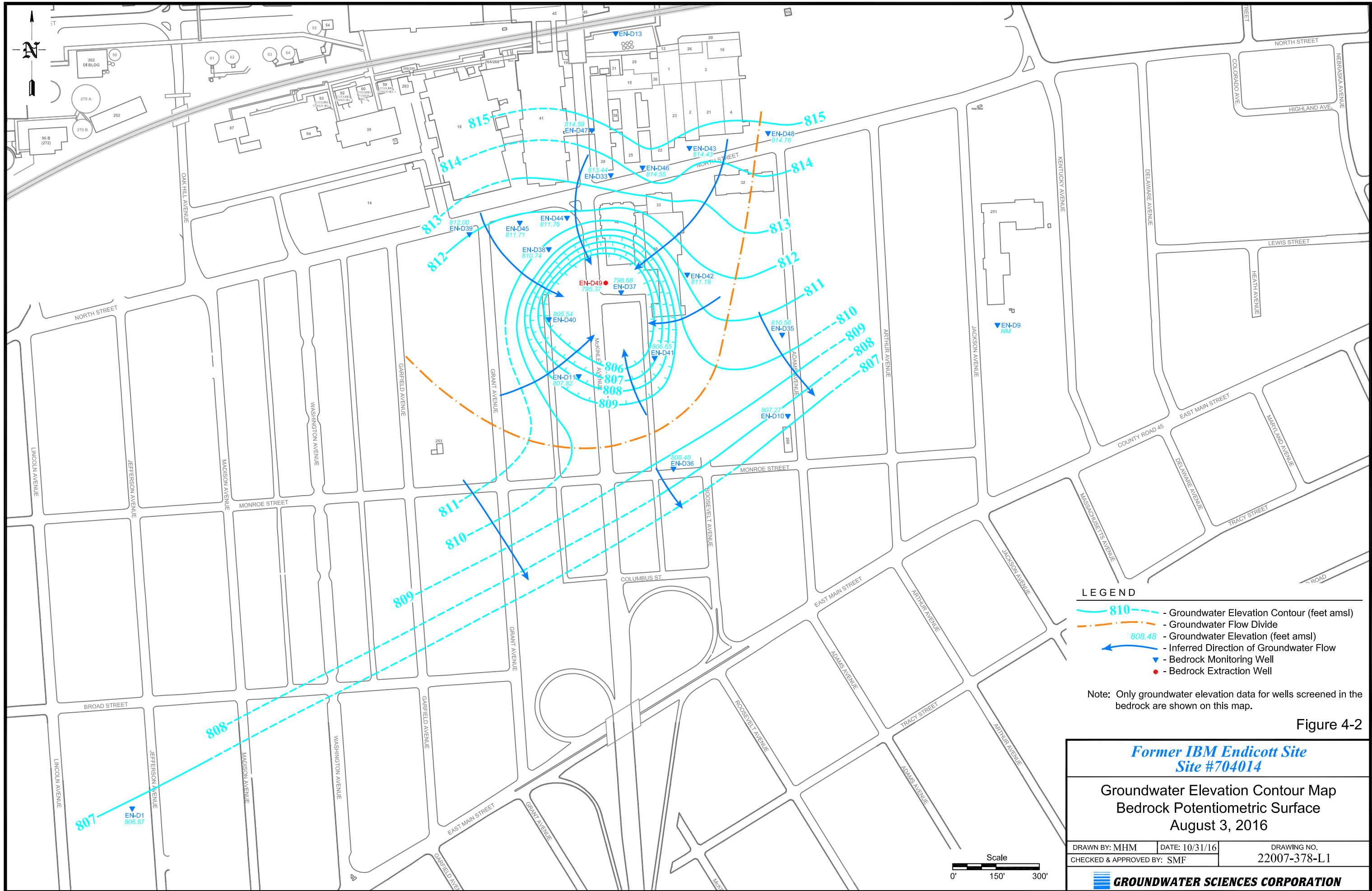
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CHECKED & APPROVED BY: SMF/RCW		

**GROUNDWATER SCIENCES CORPORATION**

- LEGEND**
- 10 - Upper Aquifer Saturated Thickness (feet) (dashed where inferred)
  - ▲ - Upper Aquifer Monitoring Well
  - ▲ - Other Monitoring Well
  - ★ - Upper Aquifer Extraction Well
  - ★ - Inactive Upper Aquifer Extraction Well
  - - Upper Aquifer Injection Well
  - - Inactive Upper Aquifer Injection Well
  - Area of Unsaturated Soil in the Upper Aquifer
  - Saturated Thickness Less Than 2'

Scale  
0      250'      500'





- LEGEND**
- 810 - Groundwater Elevation Contour (feet amsl)
  - - - Groundwater Flow Divide
  - 808.48 - Groundwater Elevation (feet amsl)
  - ← - Inferred Direction of Groundwater Flow
  - ▼ - Bedrock Monitoring Well
  - - Bedrock Extraction Well

Note: Only groundwater elevation data for wells screened in the bedrock are shown on this map.

Figure 4-2

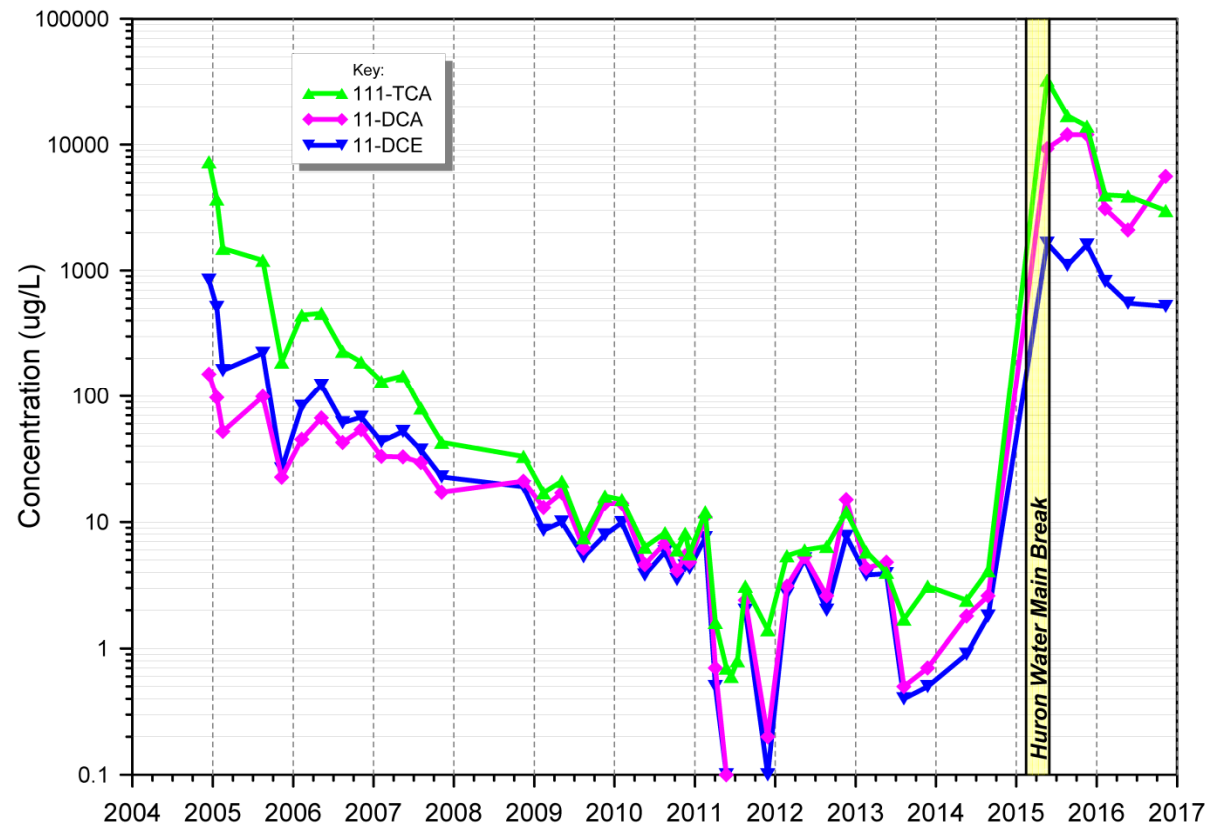
**Former IBM Endicott Site  
Site #704014**

**Groundwater Elevation Contour Map  
Bedrock Potentiometric Surface  
August 3, 2016**

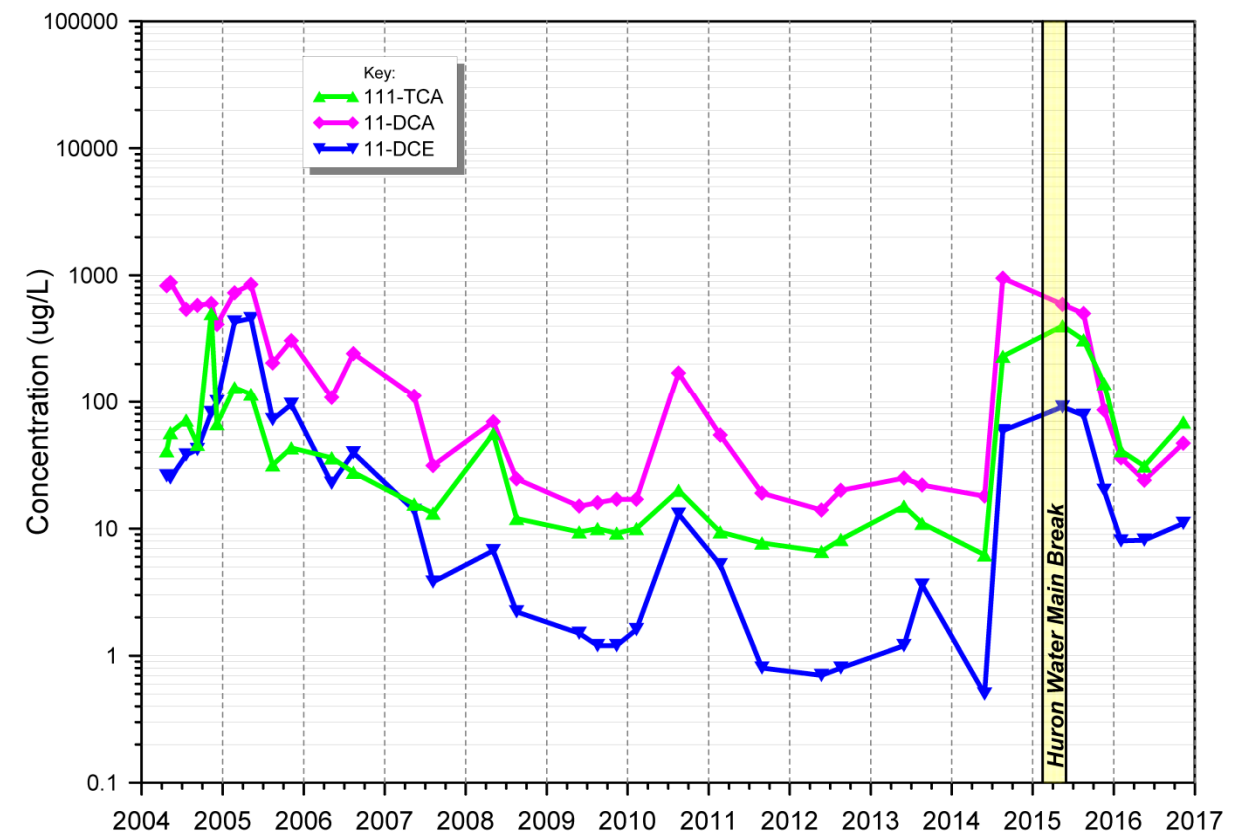
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**GROUNDWATER SCIENCES CORPORATION**

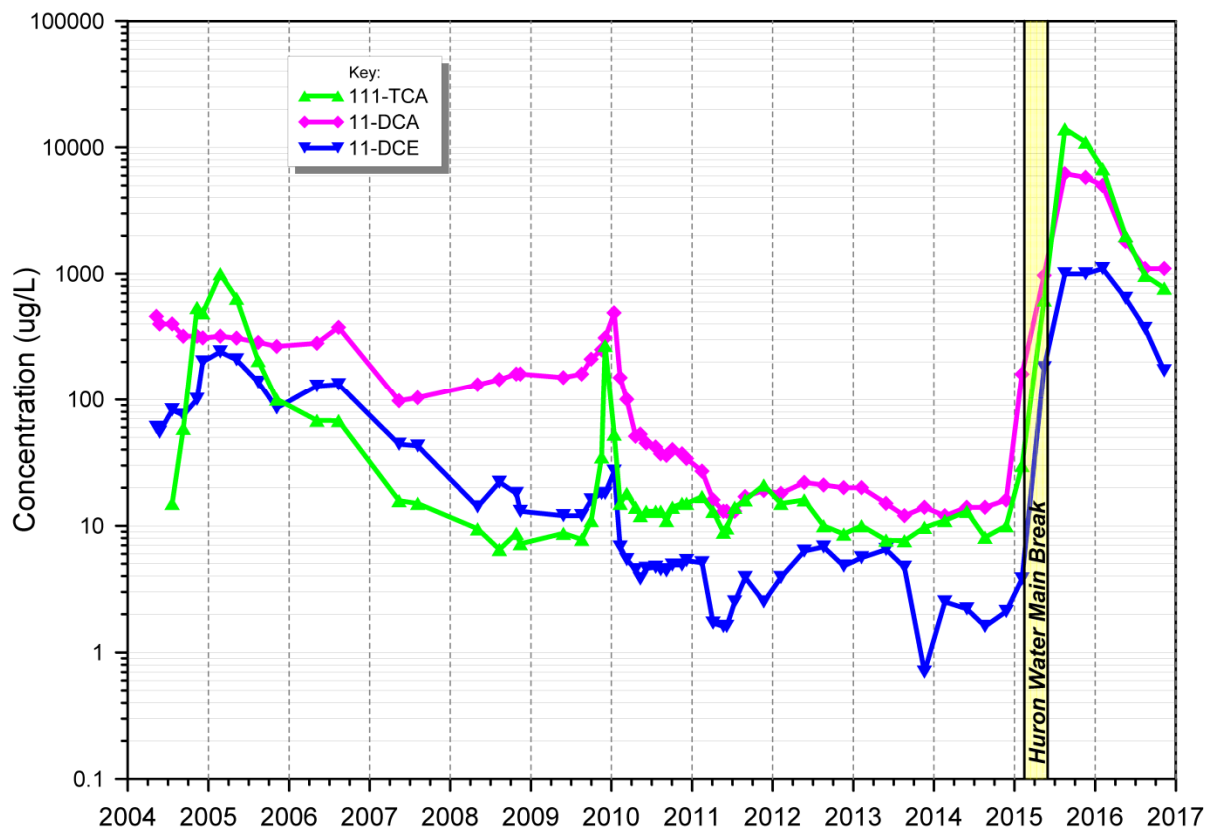
**EN-471**



**EN-433**



**EN-434**



**Key:**

111-TCA = 1,1,1-Trichloroethane

11-DCA = 1,1-Dichloroethane

11-DCE = 1,1-Dichloroethene

Figure 5-1

<i>Former IBM Endicott Site Site #704014</i>		
<b>Concentration vs. Time Graphs for Monitoring Wells EN-433, EN-434 and EN-471</b>		
DRAWN BY: CAR	DATE: 2/14/17	DRAWING NO.
CHECKED AND APPROVED BY: CAR		22007-CAR-2
<b>GROUNDWATER SCIENCES CORPORATION</b>		

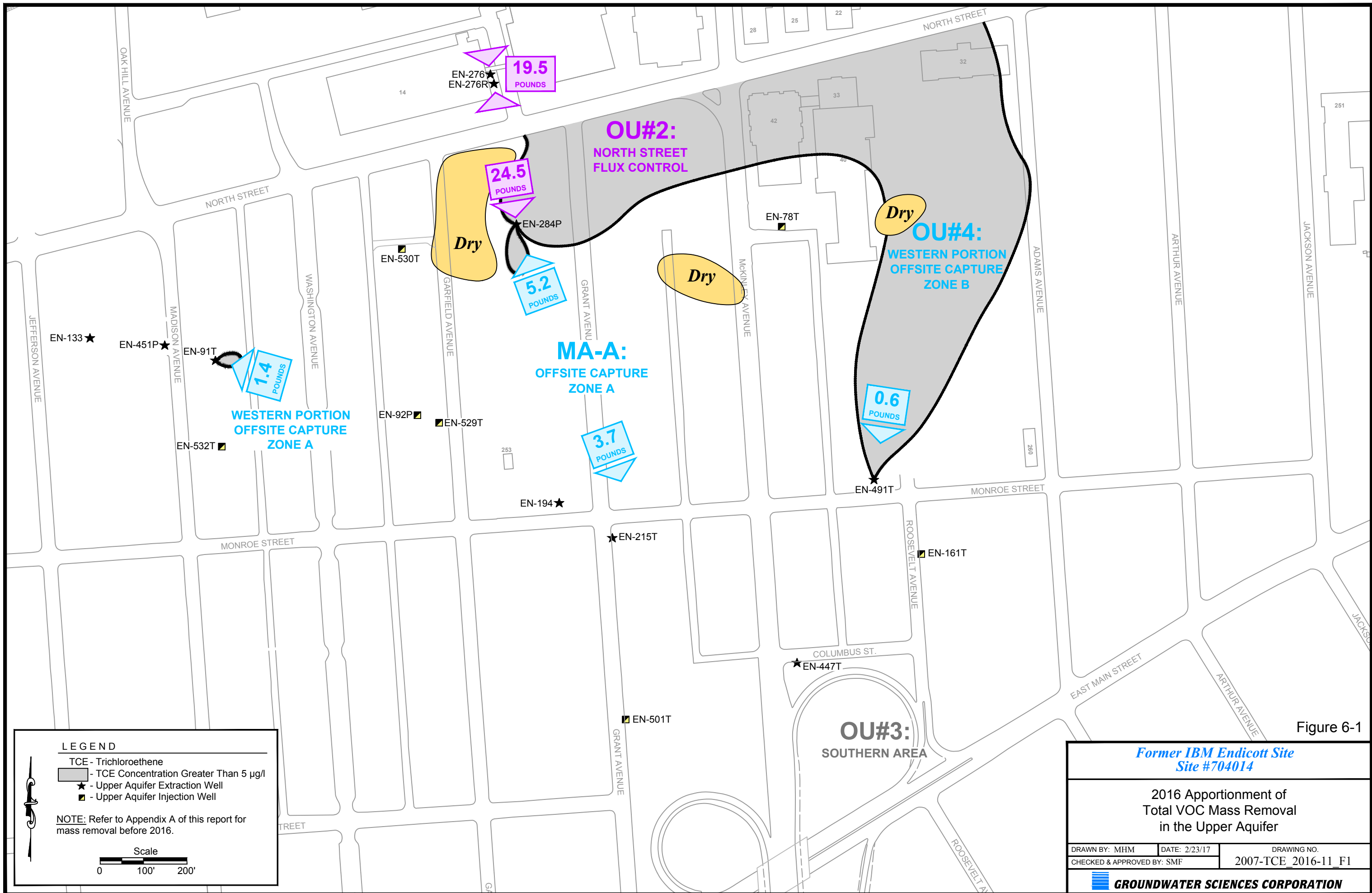


Figure 6-1

**Former IBM Endicott Site  
Site #704014**

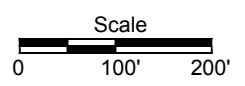
**2016 Apportionment of  
Total VOC Mass Removal  
in the Upper Aquifer**

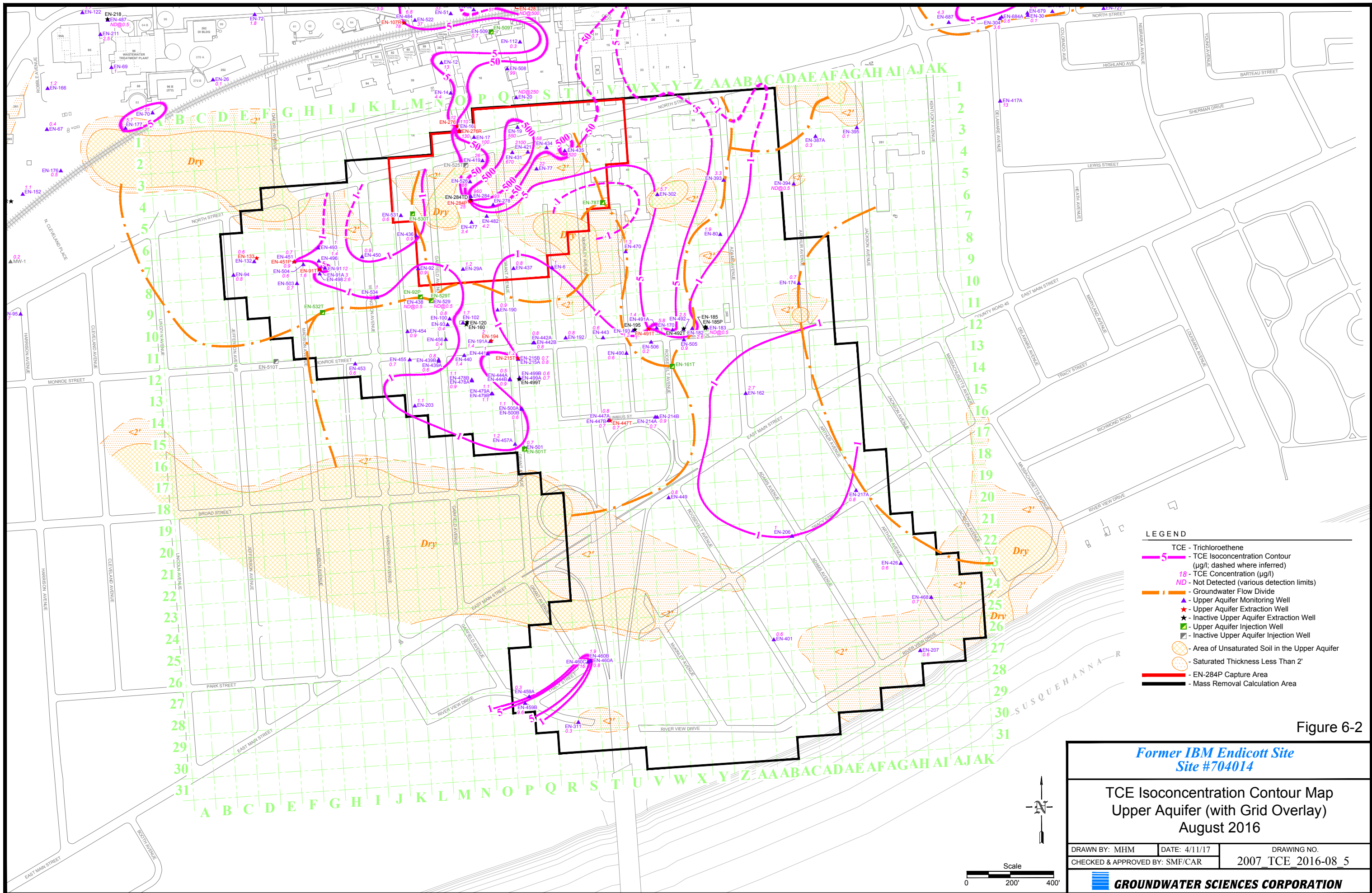
DRAWN BY: MHM	DATE: 2/23/17	DRAWING NO.
CHECKED & APPROVED BY: SMF		2007-TCE_2016-11_F1

**LEGEND**

- TCE - Trichloroethene
- TCE Concentration Greater Than 5 µg/l
- ★ - Upper Aquifer Extraction Well
- - Upper Aquifer Injection Well

NOTE: Refer to Appendix A of this report for mass removal before 2016.





- LEGEND**
- TCE - Trichloroethene
  - 5 - TCE Isoconcentration Contour (µg/l; dashed where inferred)
  - 18 - TCE Concentration (µg/l)
  - ND - Not Detected (various detection limits)
  - Groundwater Flow Divide
  - ▲ - Upper Aquifer Monitoring Well
  - ★ - Upper Aquifer Extraction Well
  - ★ - Inactive Upper Aquifer Extraction Well
  - - Upper Aquifer Injection Well
  - - Inactive Upper Aquifer Injection Well
  - - Area of Unsaturated Soil in the Upper Aquifer
  - - Saturated Thickness Less Than 2'
  - EN-284P Capture Area
  - Mass Removal Calculation Area

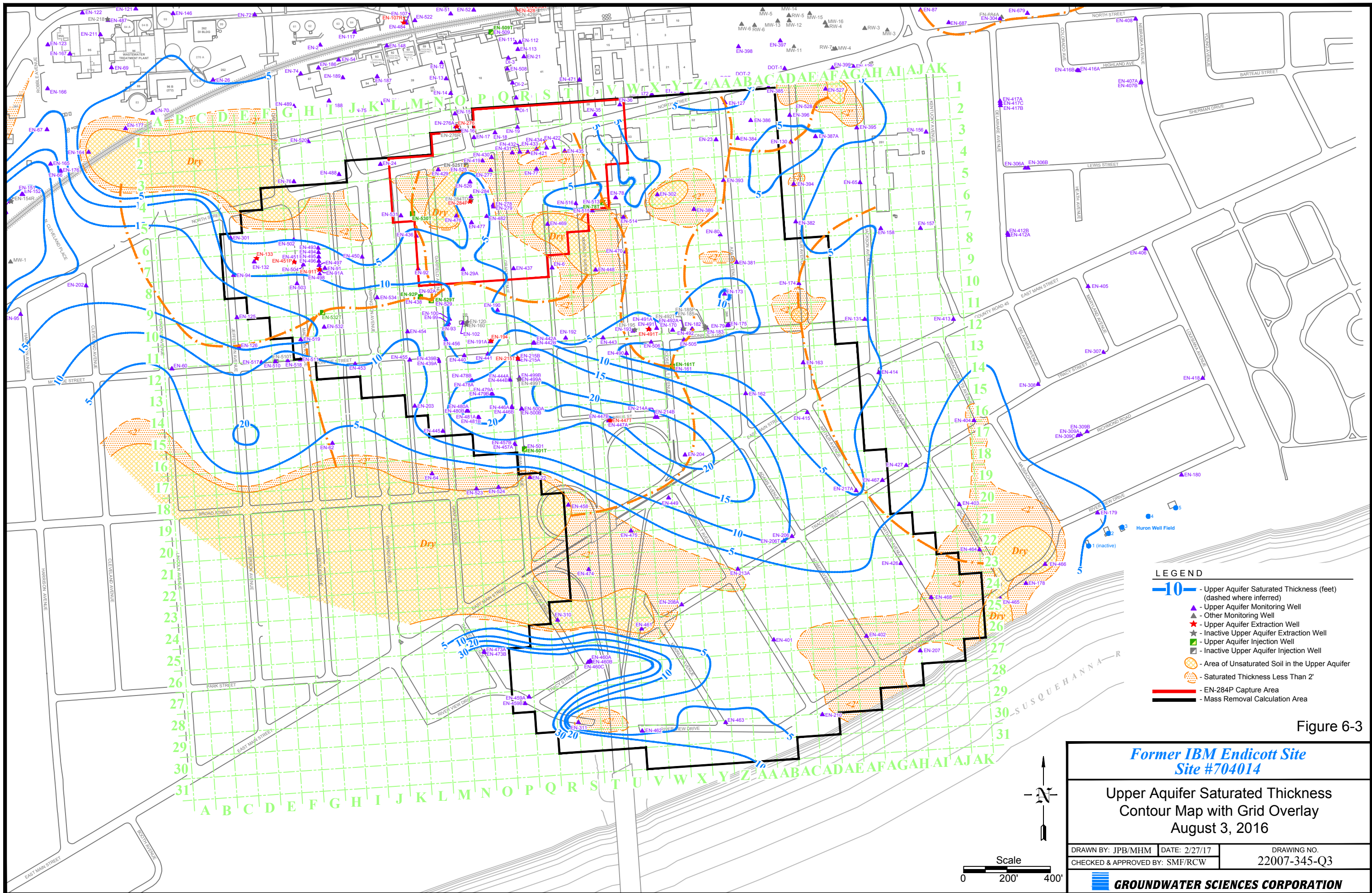
Figure 6-2

**Former IBM Endicott Site  
Site #704014**

**TCE Isoconcentration Contour Map  
Upper Aquifer (with Grid Overlay)  
August 2016**

DRAWN BY: MHM	DATE: 4/11/17	DRAWING NO.
CHECKED & APPROVED BY: SMF/CAR		2007_TCE_2016-08_5

**GROUNDWATER SCIENCES CORPORATION**



- LEGEND**
- 10- Upper Aquifer Saturated Thickness (feet) (dashed where inferred)
  - ▲ Upper Aquifer Monitoring Well
  - ▲ Other Monitoring Well
  - ★ Upper Aquifer Extraction Well
  - ★ Inactive Upper Aquifer Extraction Well
  - Upper Aquifer Injection Well
  - Inactive Upper Aquifer Injection Well
  - Area of Unsaturated Soil in the Upper Aquifer
  - Saturated Thickness Less Than 2'
  - EN-284P Capture Area
  - Mass Removal Calculation Area

Figure 6-3

**Former IBM Endicott Site  
Site #704014**

**Upper Aquifer Saturated Thickness  
Contour Map with Grid Overlay  
August 3, 2016**

DRAWN BY: JPB/MHM	DATE: 2/27/17	DRAWING NO.
CHECKED & APPROVED BY: SMF/RCW		22007-345-Q3

**GROUNDWATER SCIENCES CORPORATION**



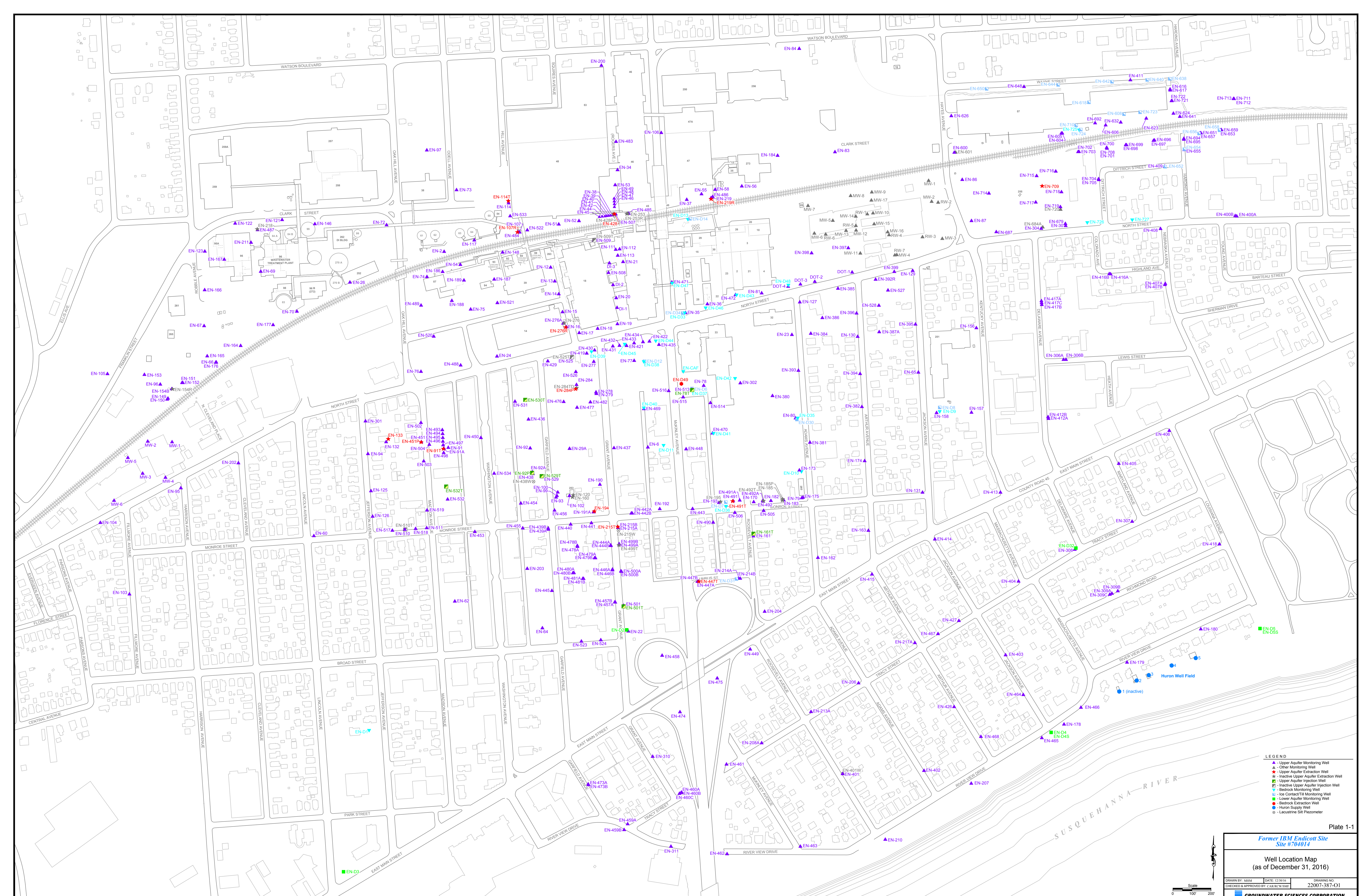












**LEGEND**

- ▲ Upper Aquifer Monitoring Well
- ▲ Other Monitoring Well
- ★ Upper Aquifer Extraction Well
- ★ Inactive Upper Aquifer Extraction Well
- Upper Aquifer Injection Well
- Inactive Upper Aquifer Injection Well
- ▼ Bedrock Monitoring Well
- ▼ Ice Contact Till Monitoring Well
- Lower Aquifer Monitoring Well
- Bedrock Extraction Well
- Huron Supply Well
- Lacustrine Soil Piezometer

Scale: 0 100 200

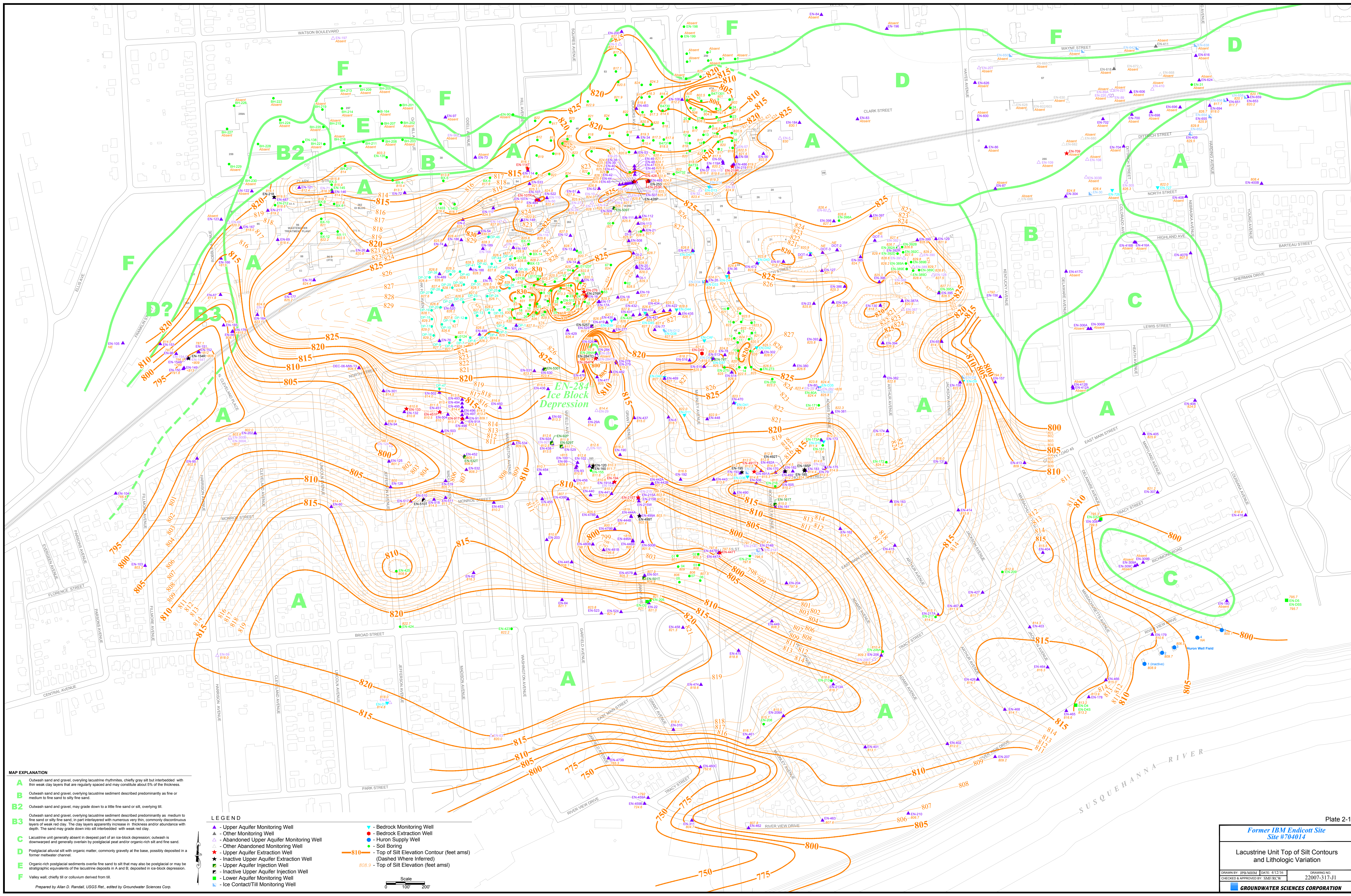
Plate 1-1

**Former IBM Endicott Site #70414**

**Well Location Map**  
(as of December 31, 2016)

DRAWN BY: MIM DATE: 12/30/16  
 CHECKED & APPROVED BY: CBR/RSW/SML DRAWING NO: 22007-387-01

**GROUNDWATER SCIENCES CORPORATION**



**MAP EXPLANATION**

**A** Outwash sand and gravel, overlying lacustrine rhythmites, chiefly gray silt but interbedded with thin weak clay layers that are regularly spaced and may constitute about 5% of the thickness.

**B** Outwash sand and gravel, overlying lacustrine sediment described predominantly as fine or medium to fine sand to silty fine sand.

**B2** Outwash sand and gravel, may grade down to a little fine sand or silt, overlying till.

**B3** Outwash sand and gravel, overlying lacustrine sediment described predominantly as medium to fine sand or silty fine sand, in part interlayered with numerous very thin, commonly discontinuous layers of weak red clay. The clay layers apparently increase in thickness and/or abundance with depth. The sand may grade down into silt interbedded with weak red clay.

**C** Lacustrine unit generally absent in deepest part of an ice-block depression; outwash is downwashed and generally overlain by postglacial peat and/or organic-rich silt and fine sand.

**D** Postglacial alluvial silt with organic matter, commonly gravely at the base, possibly deposited in a former meltwater channel.

**E** Organic-rich postglacial sediments overlie fine sand to silt that may also be postglacial or may be stratigraphic equivalents of the lacustrine deposits in A and B; deposited in ice-block depression.

**F** Valley wall; chiefly till or colluvium derived from till.

**LEGEND**

- ▲ Upper Aquifer Monitoring Well
- Other Monitoring Well
- ▲ Abandoned Upper Aquifer Monitoring Well
- Other Abandoned Monitoring Well
- ★ Upper Aquifer Extraction Well
- ★ Inactive Upper Aquifer Extraction Well
- ▲ Upper Aquifer Injection Well
- ▲ Inactive Upper Aquifer Injection Well
- Lower Aquifer Monitoring Well
- ▲ Ice Contact/Till Monitoring Well
- ▼ Bedrock Monitoring Well
- Bedrock Extraction Well
- Huron Supply Well
- Soil Boring
- 810 — Top of Silt Elevation Contour (feet ams)
- - - 808.9 - Top of Silt Elevation (feet ams)

Scale  
0 100 200'

Plate 2-1

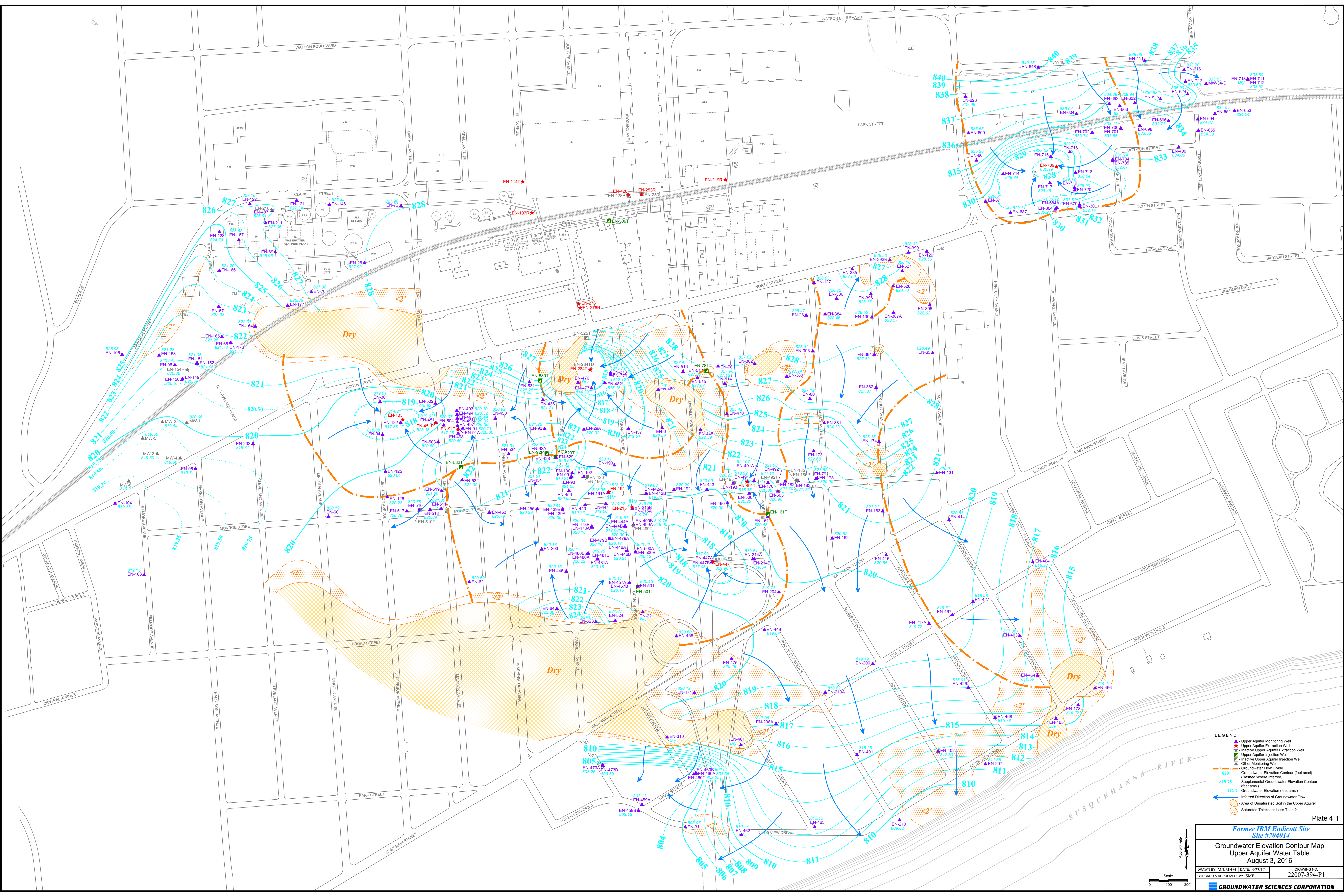
*Former IBM Endicott Site  
Site #704014*

Lacustrine Unit Top of Silt Contours  
and Lithologic Variation

DRAWN BY: IPB/MIMT	DATE: 4/12/16	DRAWING NO.:
CHECKED & APPROVED BY: SMR/BCW	DATE: 2/20/17	22007-317-11

GROUNDWATER SCIENCES CORPORATION

Prepared by Allan D. Randall, USGS Ret., edited by Groundwater Sciences Corp.



- LEGEND**
- ▲ Upper Aquifer Monitoring Well
  - ★ Upper Aquifer Extraction Well
  - ⊖ Inactive Upper Aquifer Extraction Well
  - ⊕ Upper Aquifer Injection Well
  - ⊖ Inactive Upper Aquifer Injection Well
  - ⊖ Other Monitoring Well
  - Groundwater Flow Divide
  - Groundwater Elevation Contour (feet amsl)
  - - - - - Groundwater Elevation Contour (feet amsl) (Dashed where Inferred)
  - ⋯ Supplemental Groundwater Elevation Contour (feet amsl)
  - ⋯ Groundwater Elevation (feet amsl)
  - Inferred Direction of Groundwater Flow
  - Area of Unsaturated Soil in the Upper Aquifer
  - Saturated Thickness Less Than 2'

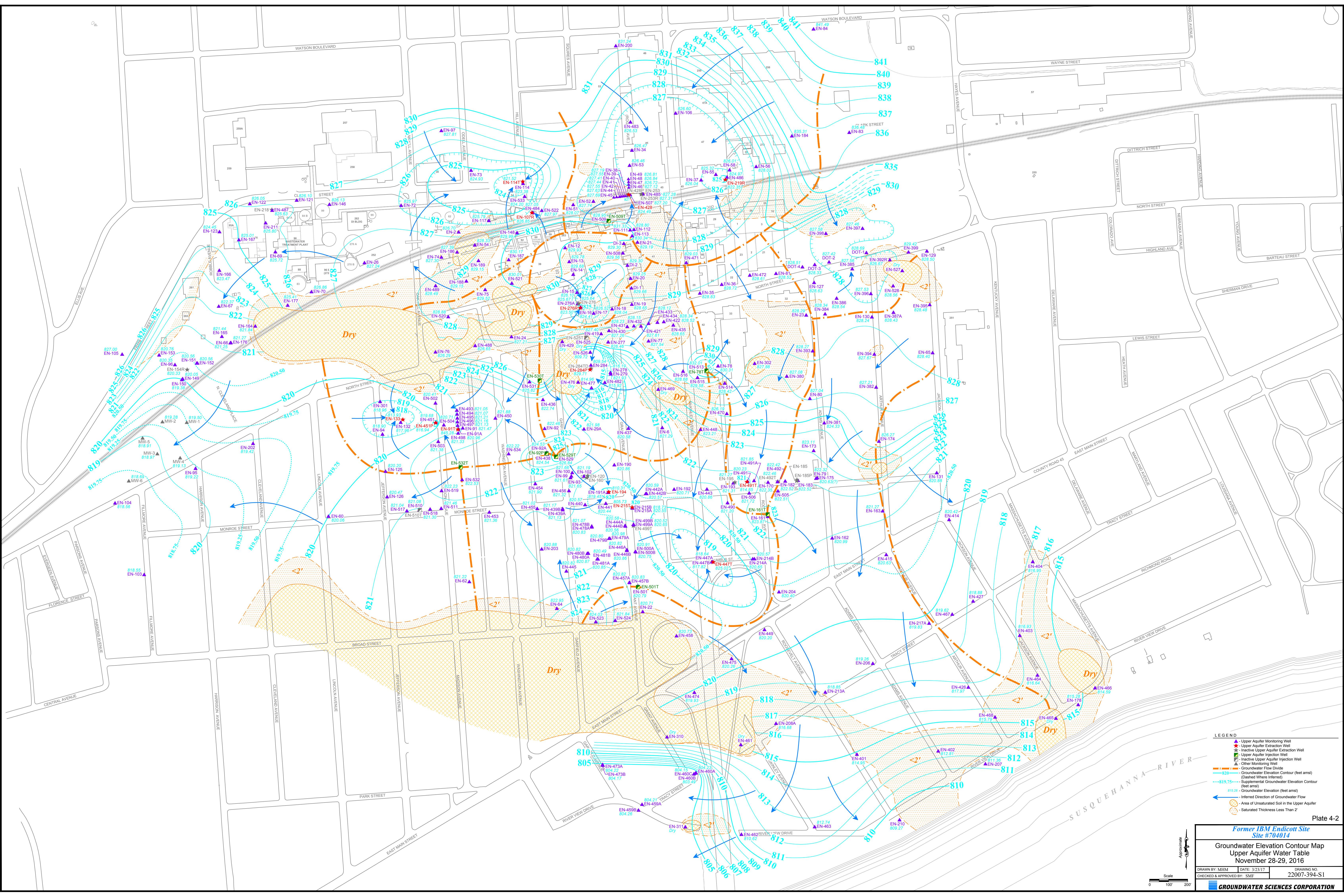
Plate 4-1

**Former IBM Endicott Site #704014**  
**Groundwater Elevation Contour Map**  
**Upper Aquifer Water Table**  
 August 3, 2016

Scale: 0 100 200

DRAWN BY: MUMHIM DATE: 3/23/17 DRAWING NO: 22007-394-P1  
 CHECKED & APPROVED BY: SMF

**GROUNDWATER SCIENCES CORPORATION**



- LEGEND**
- ▲ Upper Aquifer Monitoring Well
  - ★ Upper Aquifer Extraction Well
  - Upper Aquifer Injection Well
  - Inactive Upper Aquifer Extraction Well
  - Inactive Upper Aquifer Injection Well
  - Inactive Upper Aquifer Monitoring Well
  - Other Monitoring Well
  - Groundwater Flow Divide
  - Groundwater Elevation Contour (feet amsl)
  - - - Groundwater Elevation Contour (feet amsl) (Dashed Where Inferred)
  - Supplemental Groundwater Elevation Contour (feet amsl)
  - 819.75 - - - Groundwater Elevation (feet amsl)
  - 815.5 - - - Groundwater Elevation (feet amsl)
  - Inferred Direction of Groundwater Flow
  - Area of Unsaturated Soil in the Upper Aquifer
  - Saturated Thickness Less Than Z'

Plate 4-2

**Former IBM Endicott Site  
Site #704014**

**Groundwater Elevation Contour Map  
Upper Aquifer Water Table  
November 28-29, 2016**

DRAWN BY: MIM	DATE: 3/23/17	DRAWING NO.
CHECKED & APPROVED BY: SMF		22007-394-S1

**GROUNDWATER SCIENCES CORPORATION**

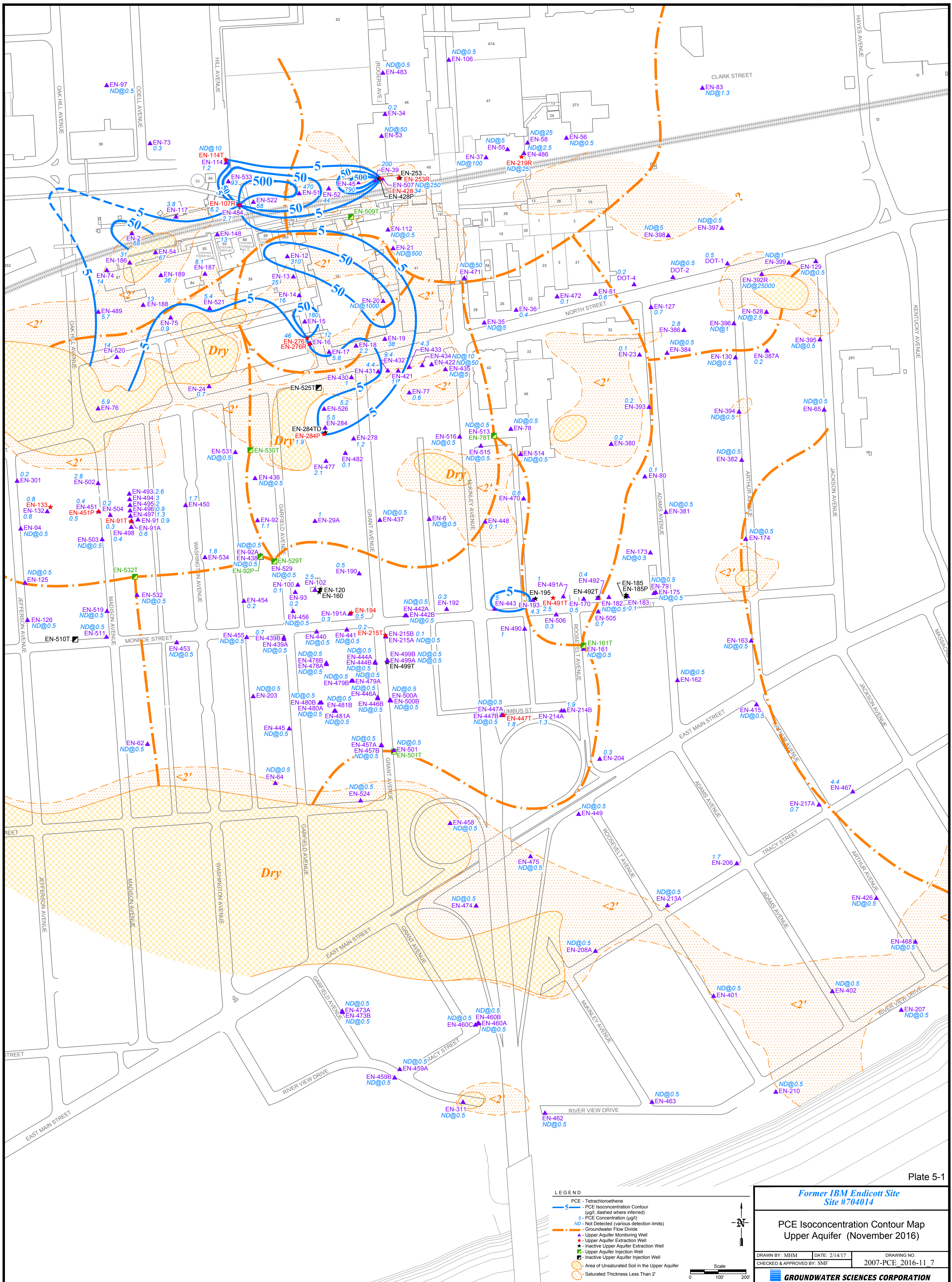


Plate 5-1

**LEGEND**

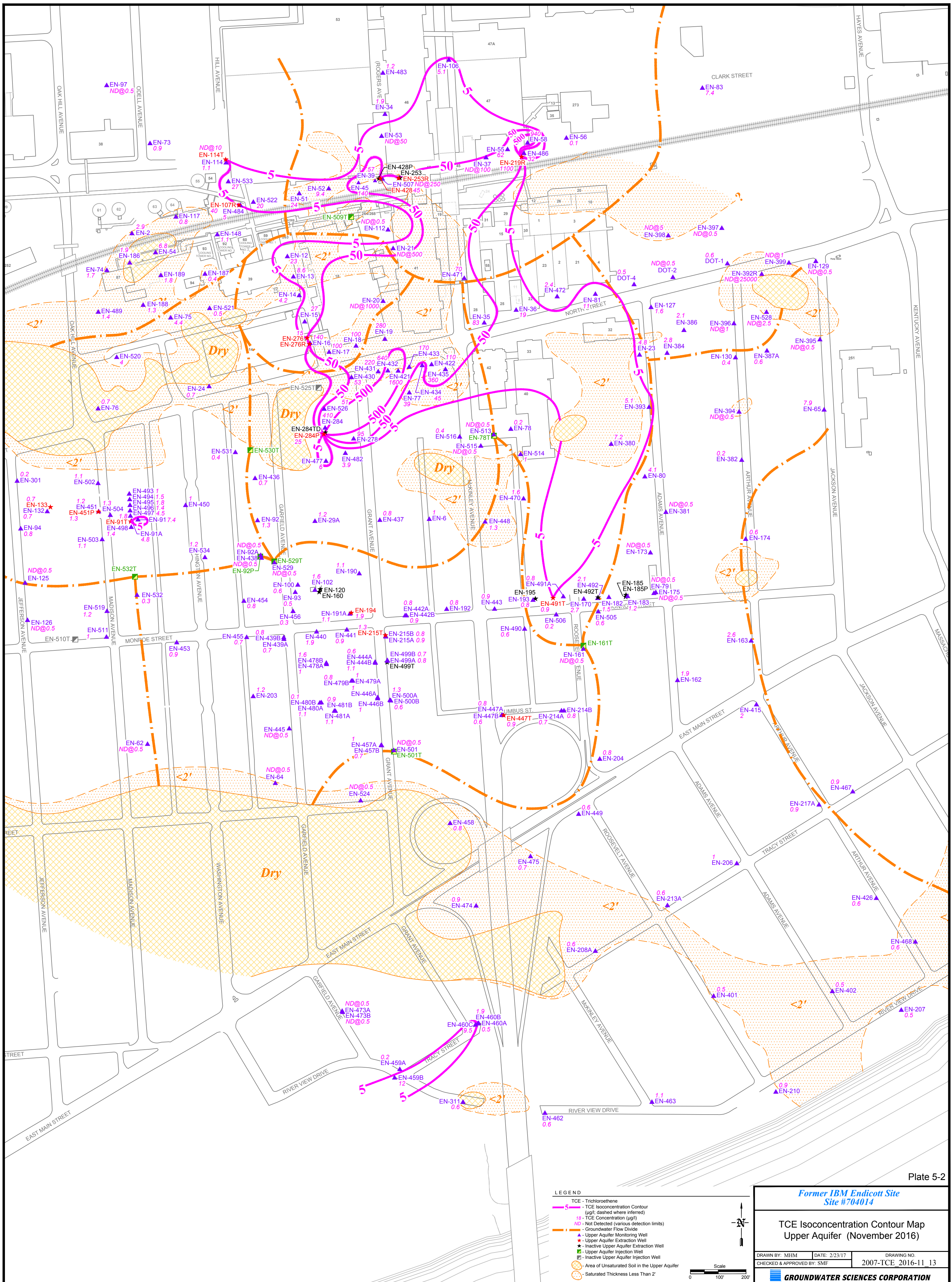
- PCE - Tetrachloroethene
- 5 - PCE Isoconcentration Contour (µg/l, dashed where inferred)
- 50 - PCE Concentration (µg/l)
- 500 - PCE Concentration (µg/l)
- ND - Not Detected (various detection limits)
- ▲ - Upper Aquifer Monitoring Well
- ★ - Upper Aquifer Extraction Well
- ◆ - Inactive Upper Aquifer Extraction Well
- - Upper Aquifer Injection Well
- - Inactive Upper Aquifer Injection Well
- ▨ - Area of Unsaturated Soil in the Upper Aquifer
- ▩ - Saturated Thickness Less Than 2'

**Former IBM Endicott Site #704014**

**PCE Isoconcentration Contour Map**  
Upper Aquifer (November 2016)

DRAWN BY: MHM      DATE: 2/14/17      DRAWING NO. \_\_\_\_\_  
 CHECKED & APPROVED BY: SMF      2007-PCE 2016-11\_7

**GROUNDWATER SCIENCES CORPORATION**



**LEGEND**

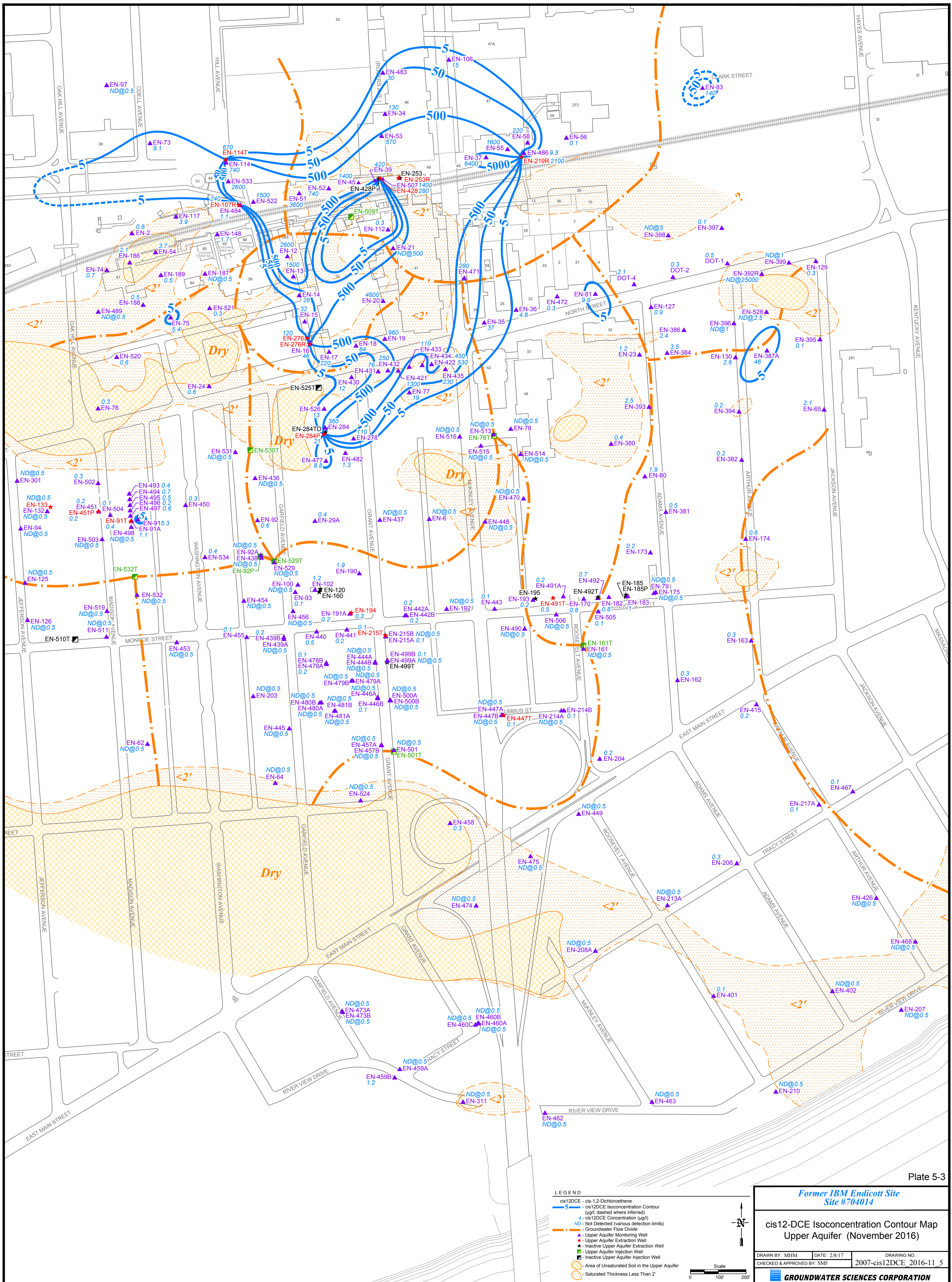
- TCE - Trichloroethene
- 5 - TCE Isoconcentration Contour (µg/l, dashed where inferred)
- 10 - TCE Concentration (µg/l)
- ND - Not Detected (various detection limits)
- ▲ - Upper Aquifer Monitoring Well
- ★ - Upper Aquifer Extraction Well
- ◆ - Inactive Upper Aquifer Extraction Well
- - Upper Aquifer Injection Well
- - Inactive Upper Aquifer Injection Well
- - Area of Unsaturated Soil in the Upper Aquifer
- - Saturated Thickness Less Than 2'

**Former IBM Endicott Site #704014**

**TCE Isoconcentration Contour Map**  
Upper Aquifer (November 2016)

DRAWN BY: MHM    DATE: 2/23/17    DRAWING NO. \_\_\_\_\_  
 CHECKED & APPROVED BY: SMF    2007-TCE 2016-11\_13

**GROUNDWATER SCIENCES CORPORATION**



Former IBM Endicott Site #704014

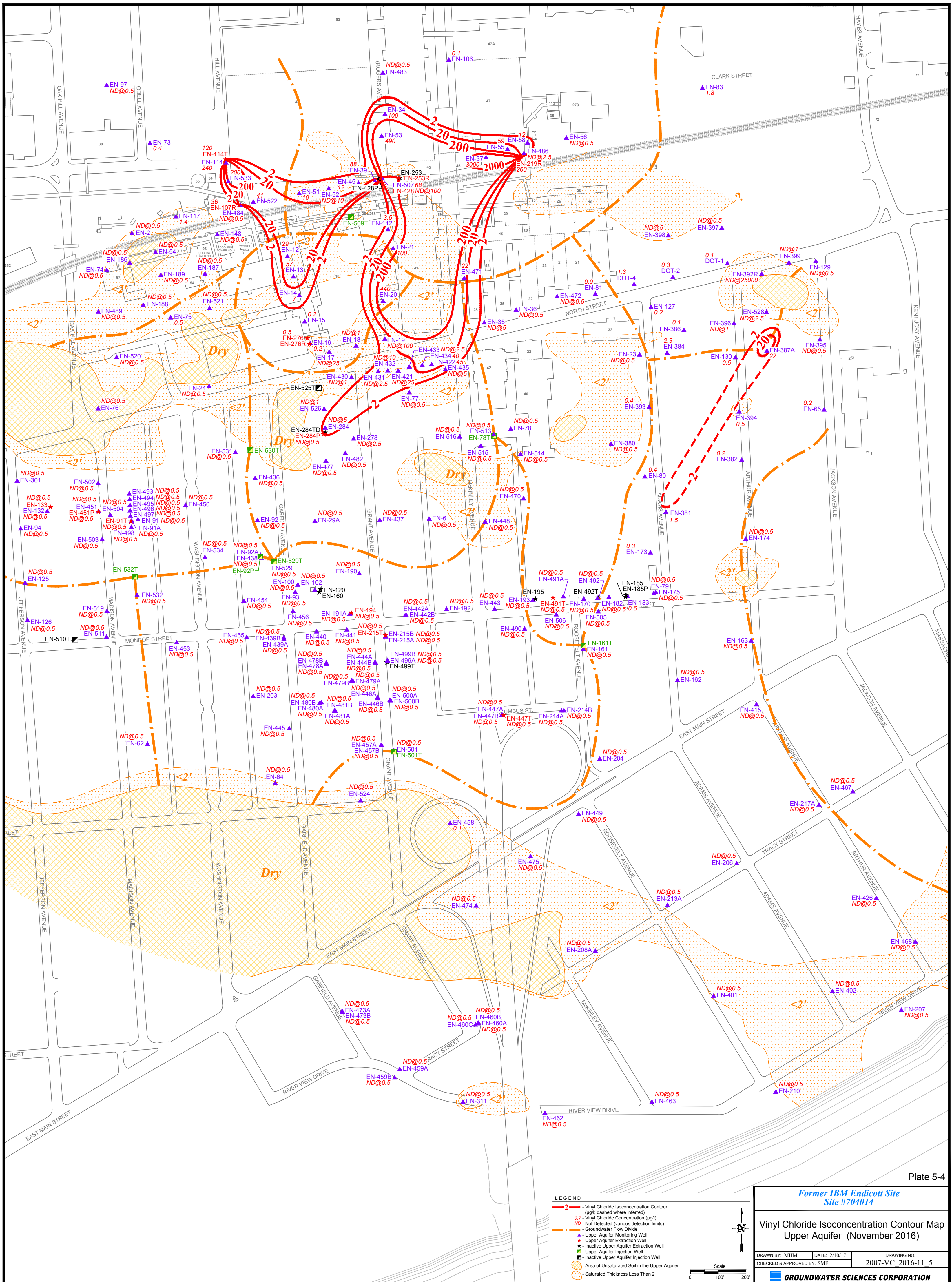
cis12-DCE Isoconcentration Contour Map Upper Aquifer (November 2016)

**LEGEND**

- cis12DCE - cis-1,2-Dichloroethene
- 5 - cis12DCE Isoconcentration Contour (ug/l, dashed where inferred)
- 4 - cis12DCE Concentration (ug/l)
- ND - Not Detected (various detection limits)
- - Groundwater Flow Divide
- ▲ - Upper Aquifer Monitoring Well
- - Upper Aquifer Extraction Well
- - Inactive Upper Aquifer Extraction Well
- - Upper Aquifer Injection Well
- - Inactive Upper Aquifer Injection Well
- - Area of Unsaturated Soil in the Upper Aquifer
- - Saturated Thickness Less Than 2'

Scale 0 100' 200'





**LEGEND**

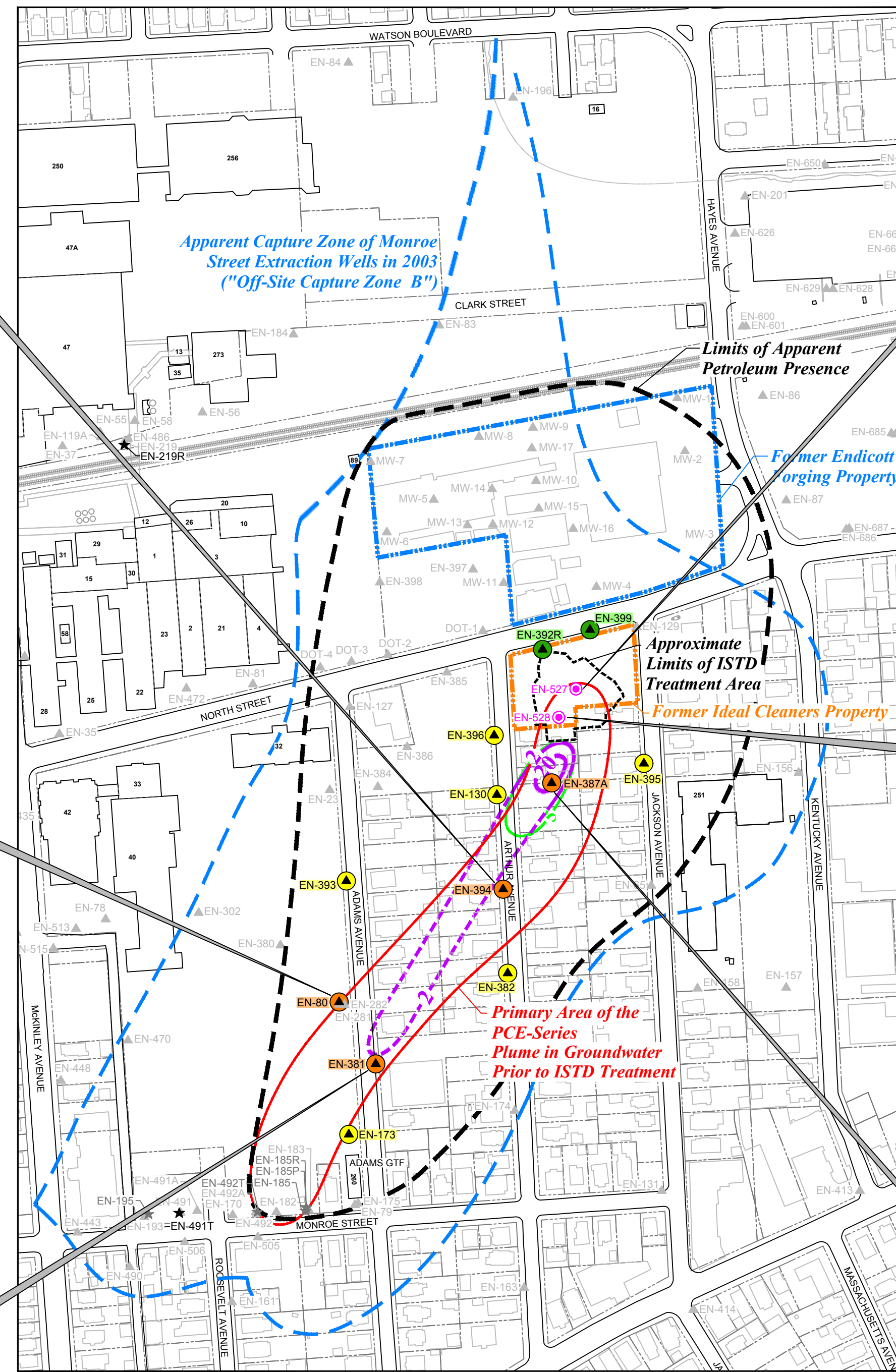
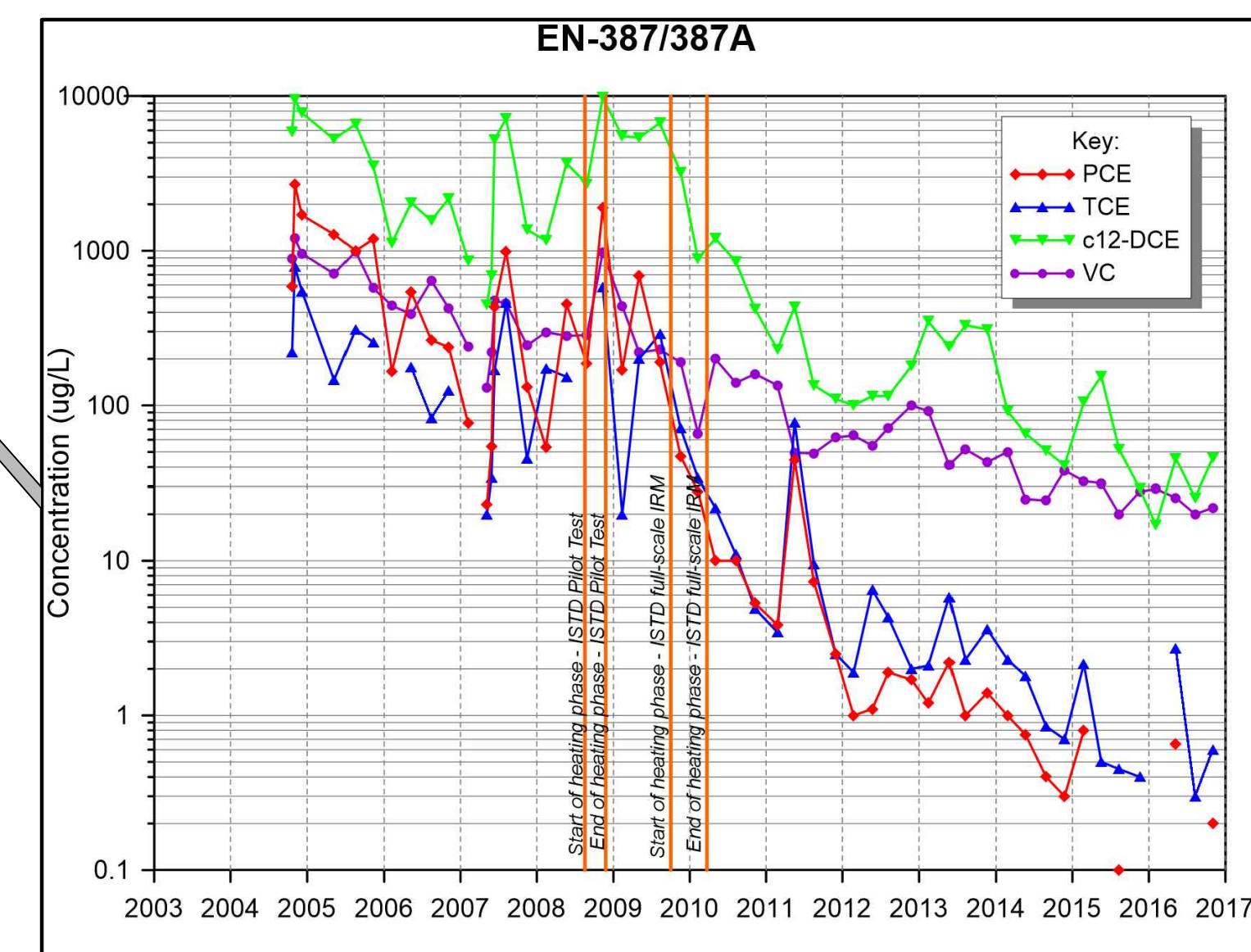
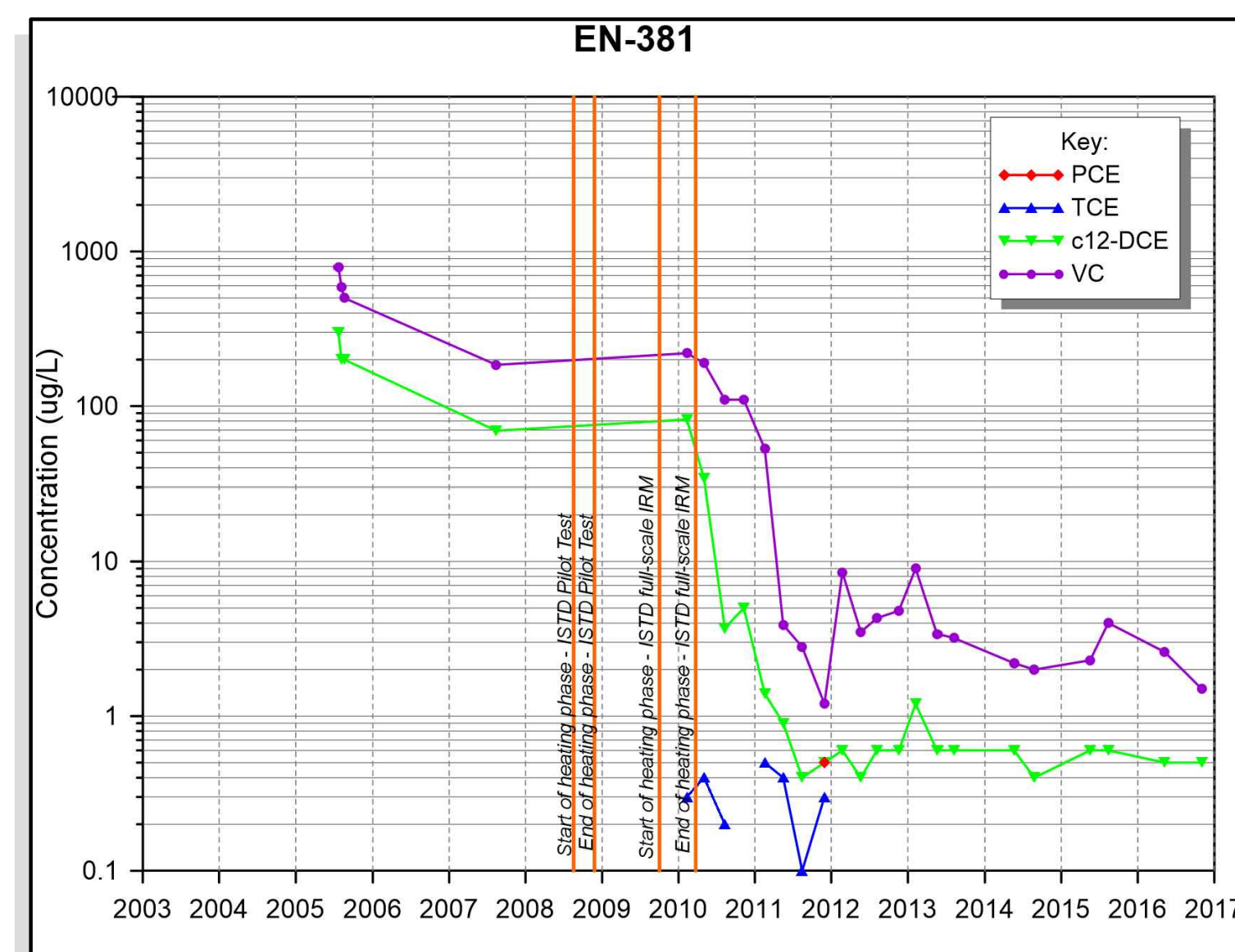
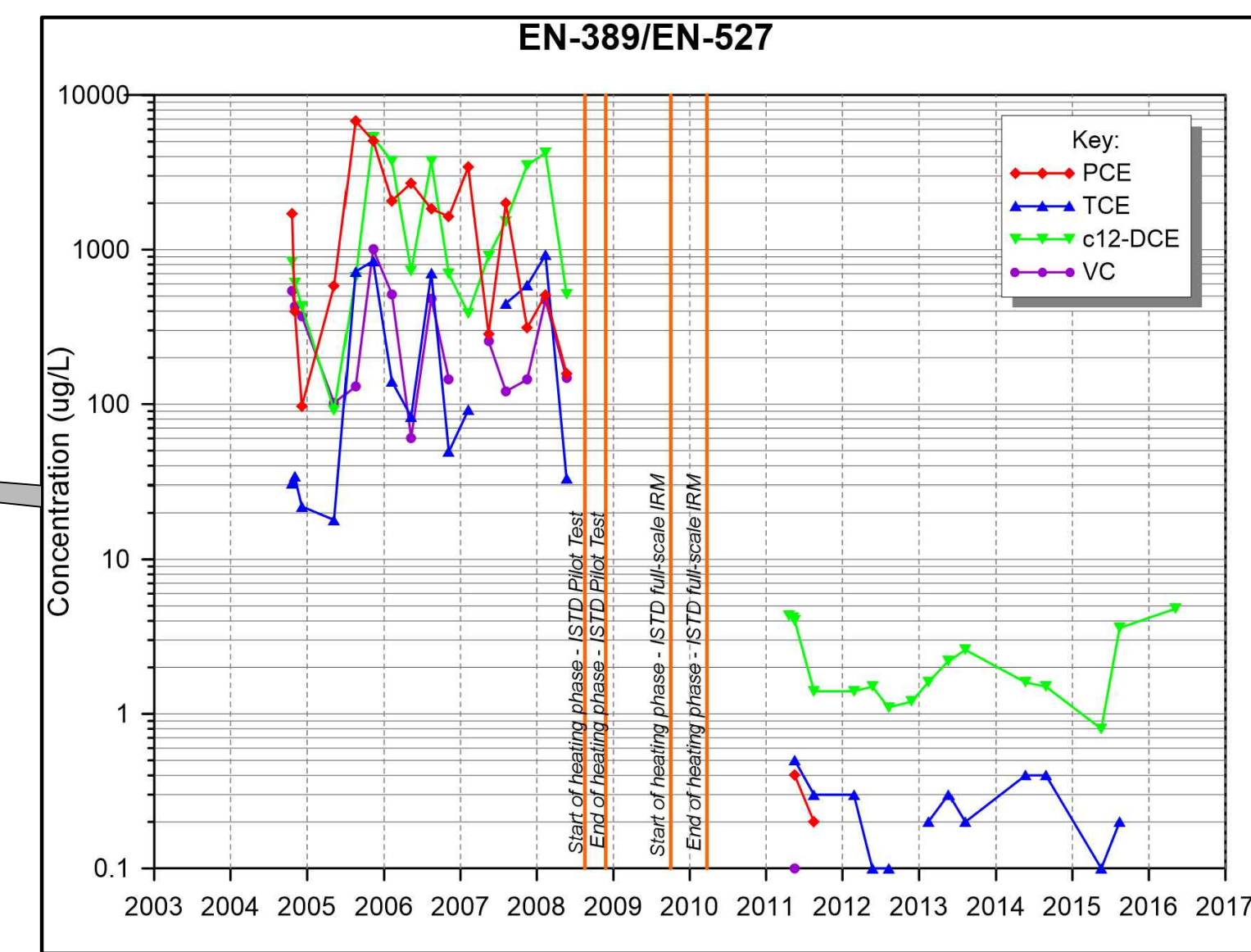
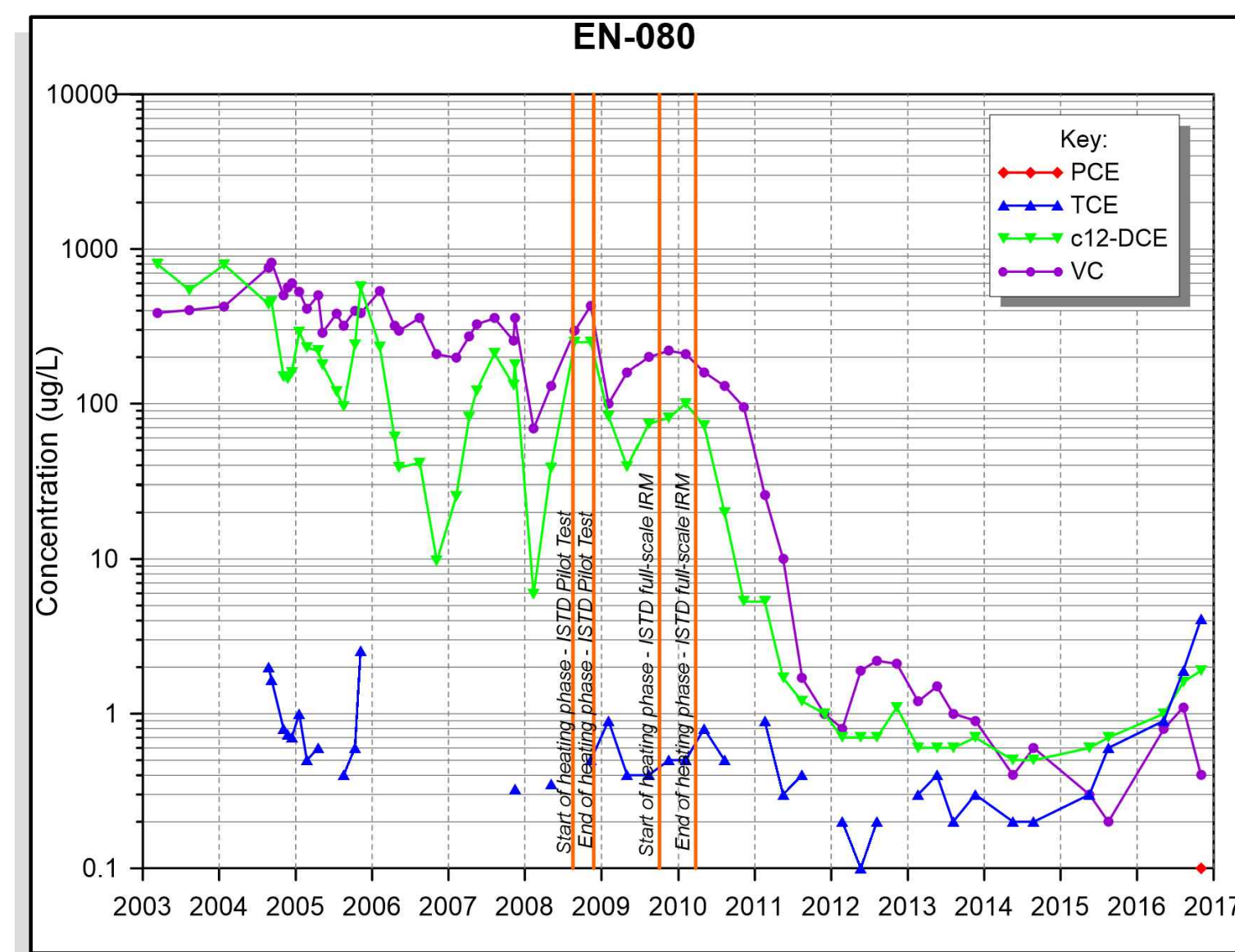
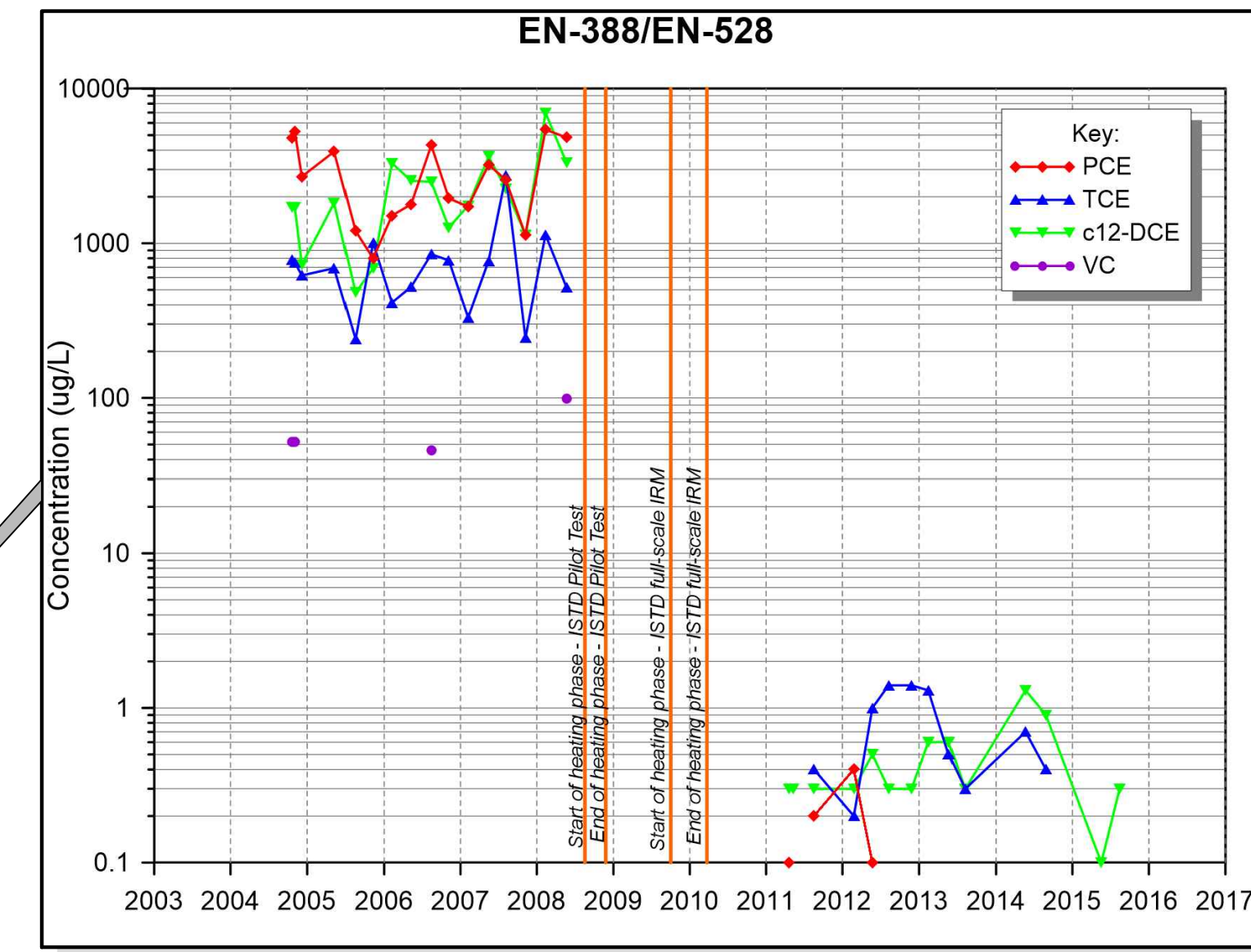
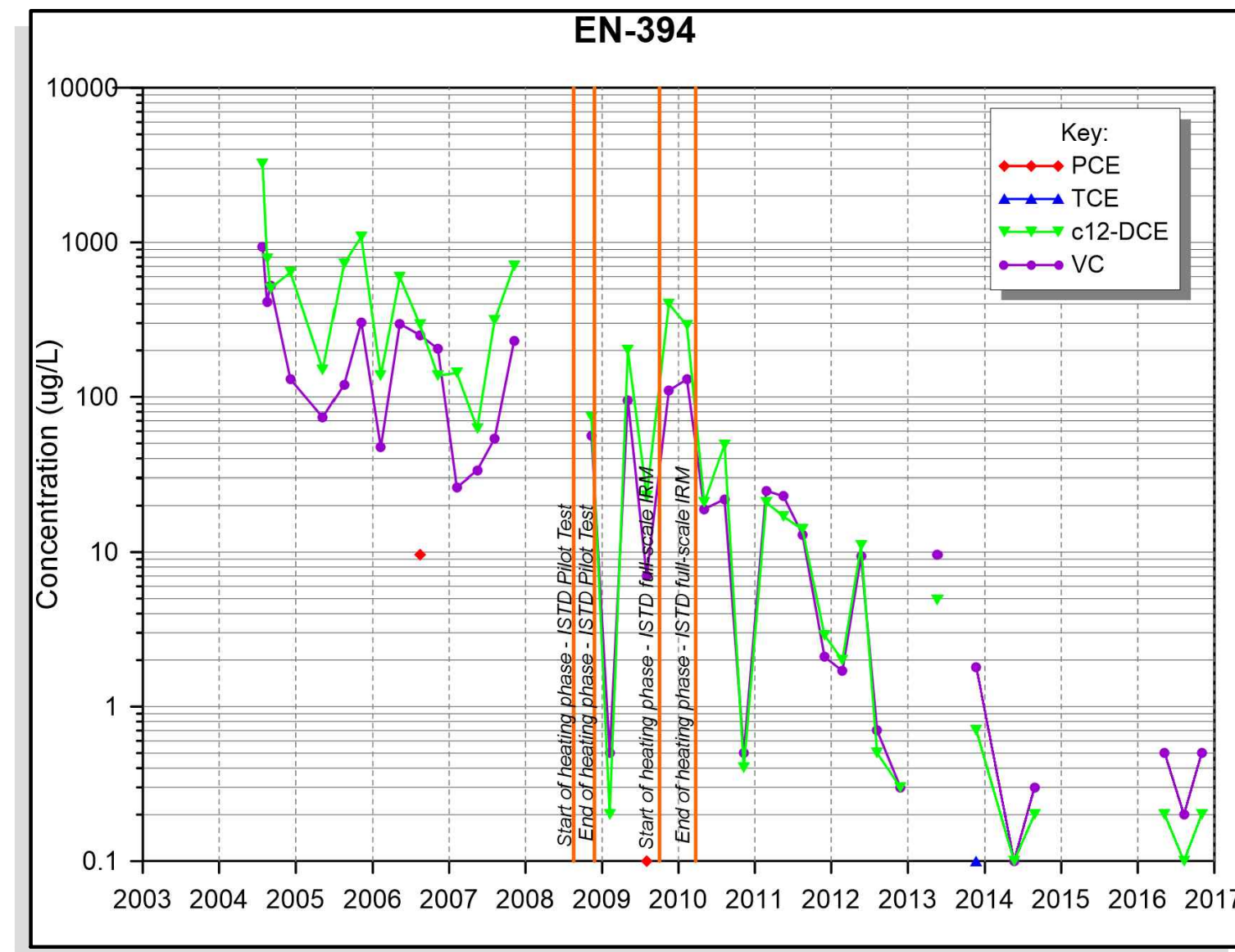
- 2 — Vinyl Chloride Isoconcentration Contour (µg/l; dashed where inferred)
- 0.7 — Vinyl Chloride Concentration (µg/l)
- ND — Not Detected (various detection limits)
- — Groundwater Flow Divide
- ▲ — Upper Aquifer Monitoring Well
- ★ — Upper Aquifer Extraction Well
- — Inactive Upper Aquifer Extraction Well
- — Upper Aquifer Injection Well
- — Inactive Upper Aquifer Injection Well
- — Area of Unsaturated Soil in the Upper Aquifer
- — Saturated Thickness Less Than 2'

*Former IBM Endicott Site  
Site #704014*

**Vinyl Chloride Isoconcentration Contour Map  
Upper Aqifer (November 2016)**

DRAWN BY: MHM    DATE: 2/10/17    DRAWING NO. \_\_\_\_\_  
 CHECKED & APPROVED BY: SMF    2007-VC 2016-11\_5

**GROUNDWATER SCIENCES CORPORATION**



OU#4 Location Map

**LEGEND**

- PCE - Tetrachloroethene
- TCE - Trichloroethene
- c12DCE - cis-1,2-Dichloroethene
- VC - Vinyl Chloride
- ▲ - Upper Aquifer Monitoring Well
- ★ - Active Upper Aquifer Extraction Well
- ☆ - Inactive Upper Aquifer Extraction Well
- - Former Endicott Forging Property
- - Former Ideal Cleaners Property
- - Capture Zone Area
- - Parcel Boundary
- - Former Source Area Monitoring Well
- - Upgradient Monitoring Well
- - Downgradient Monitoring Well
- - Side-Gradient Monitoring Well
- - c12DCE Concentration Contour (ug/L; November 2016)
- - VC Concentration Contour (ug/L; November 2016; dashed where inferred)

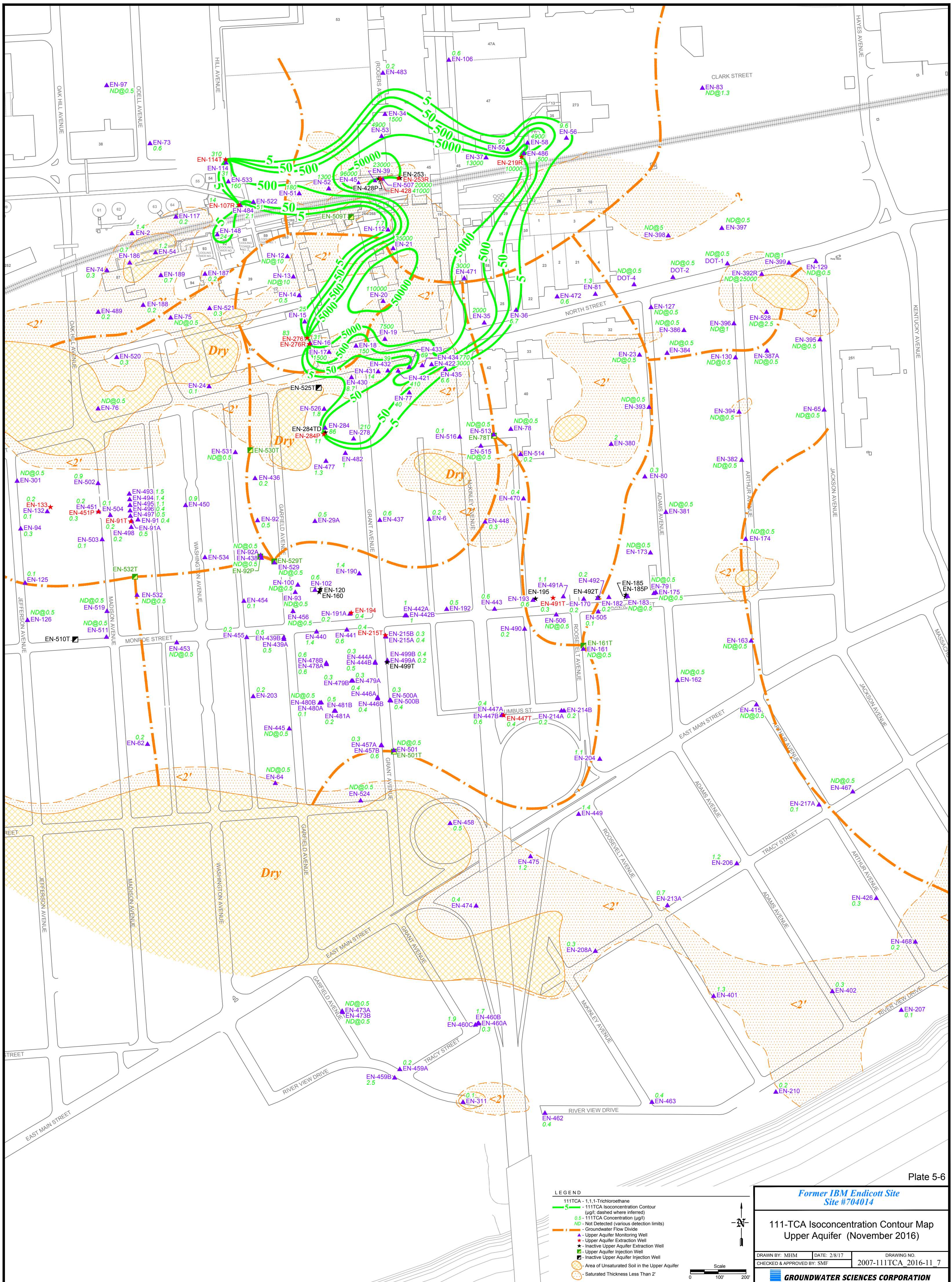
Scale: 0' 100' 200'

Former IBM Endicott Site  
Site #704014

OU#4 Location Map and  
Time vs. Concentration Graphs  
(2003 to 2016)

DRAWN BY: MHM DATE: 3/28/17 DRAWING NO.:  
CHECKED & APPROVED BY: SMF 22007-397-F1

GROUNDWATER SCIENCES CORPORATION



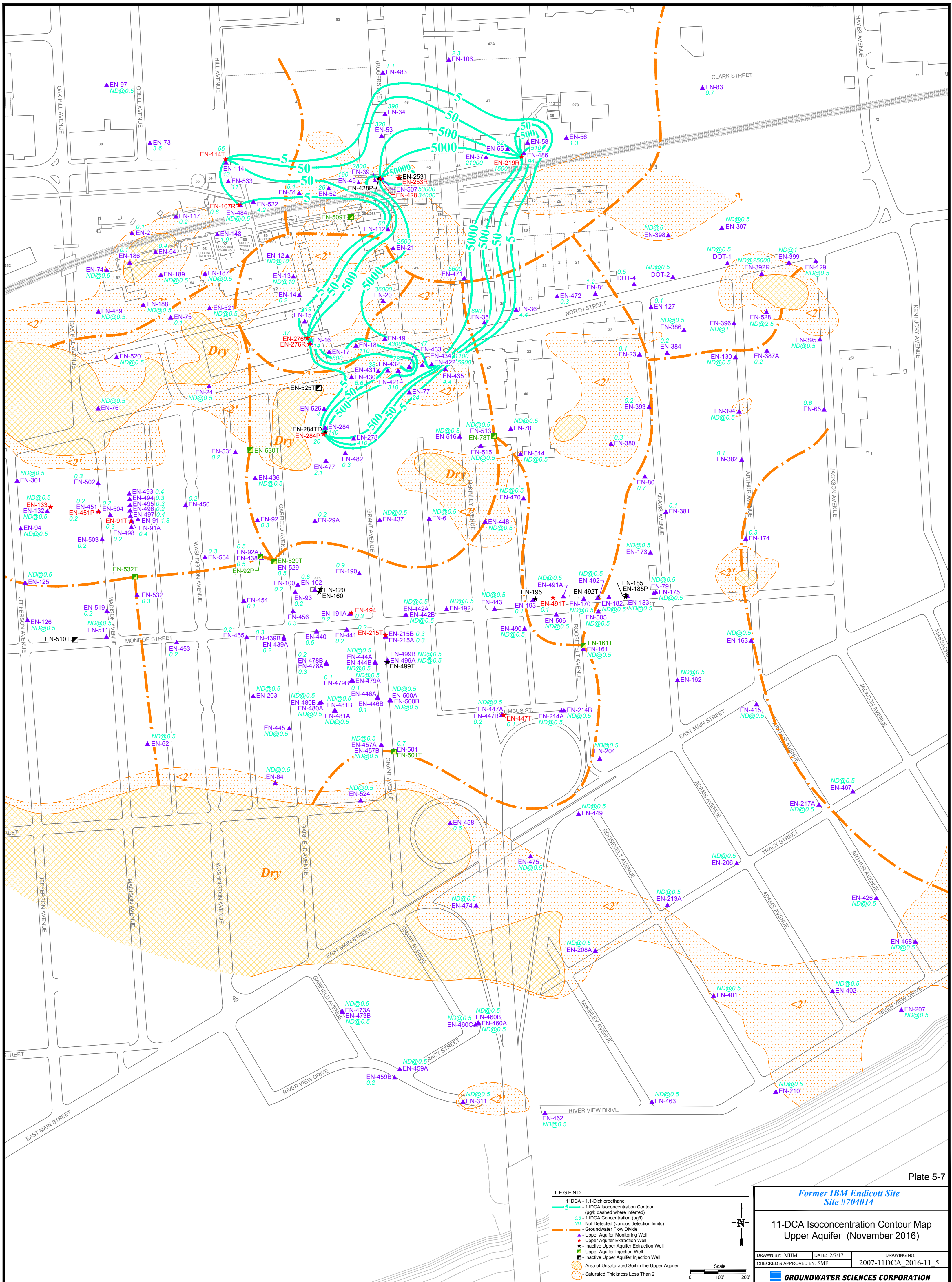
*Former IBM Endicott Site #704014*

**111-TCA Isoconcentration Contour Map**  
Upper Aquifer (November 2016)

DRAWN BY: MHM	DATE: 2/8/17	DRAWING NO.
CHECKED & APPROVED BY: SMF		2007-111TCA_2016-11_7

**GROUNDWATER SCIENCES CORPORATION**

- LEGEND**
- 111TCA - 1,1,1-Trichloroethane
  - 5 - 111TCA Isoconcentration Contour (µg/l; dashed where inferred)
  - 0.5 - 111TCA Concentration (µg/l)
  - ND - Not Detected (various detection limits)
  - Groundwater Flow Divide
  - ▲ Upper Aquifer Monitoring Well
  - ★ Upper Aquifer Extraction Well
  - Inactive Upper Aquifer Extraction Well
  - Upper Aquifer Injection Well
  - Inactive Upper Aquifer Injection Well
  - ⊘ Area of Unsaturated Soil in the Upper Aquifer
  - ⊙ Saturated Thickness Less Than 2'



**Former IBM Endicott Site #704014**

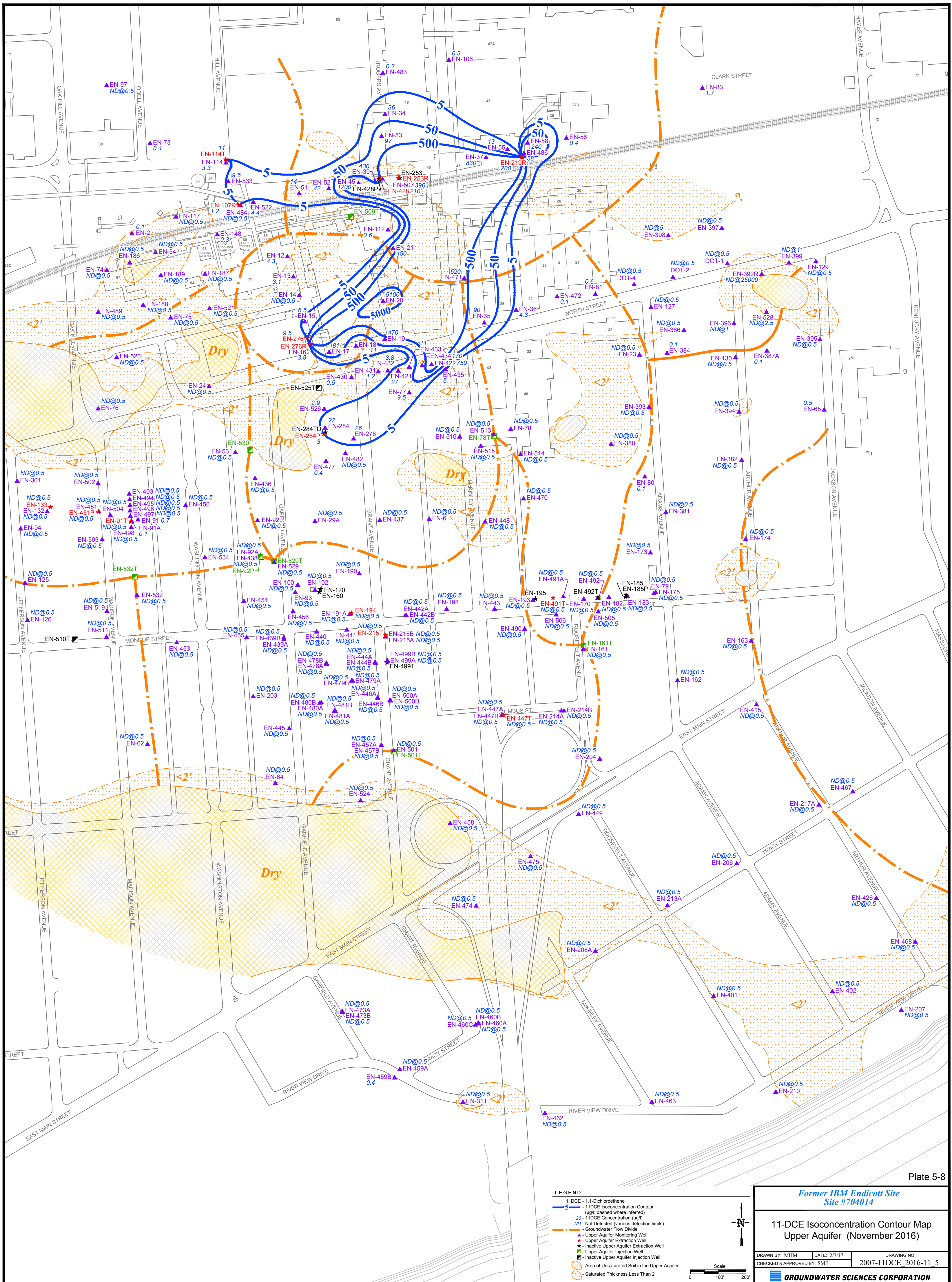
**11-DCA Isoconcentration Contour Map**  
Upper Aquifer (November 2016)

DRAWN BY: MHM	DATE: 2/7/17	DRAWING NO.
CHECKED & APPROVED BY: SMF		2007-11DCA_2016-11_5

**GROUNDWATER SCIENCES CORPORATION**

- LEGEND**
- 11DCA - 1,1-Dichloroethane
  - 5 - 11DCA Isoconcentration Contour (µg/l; dashed where inferred)
  - 50 - 11DCA Concentration (µg/l)
  - 500 - 11DCA Concentration (µg/l)
  - 5000 - 11DCA Concentration (µg/l)
  - ND@0.5 - Not Detected (various detection limits)
  - ▲ - Upper Aquifer Monitoring Well
  - ★ - Upper Aquifer Extraction Well
  - ◆ - Inactive Upper Aquifer Extraction Well
  - - Upper Aquifer Injection Well
  - ◻ - Inactive Upper Aquifer Injection Well
  - - Area of Unsaturated Soil in the Upper Aquifer
  - - Saturated Thickness Less Than 2'





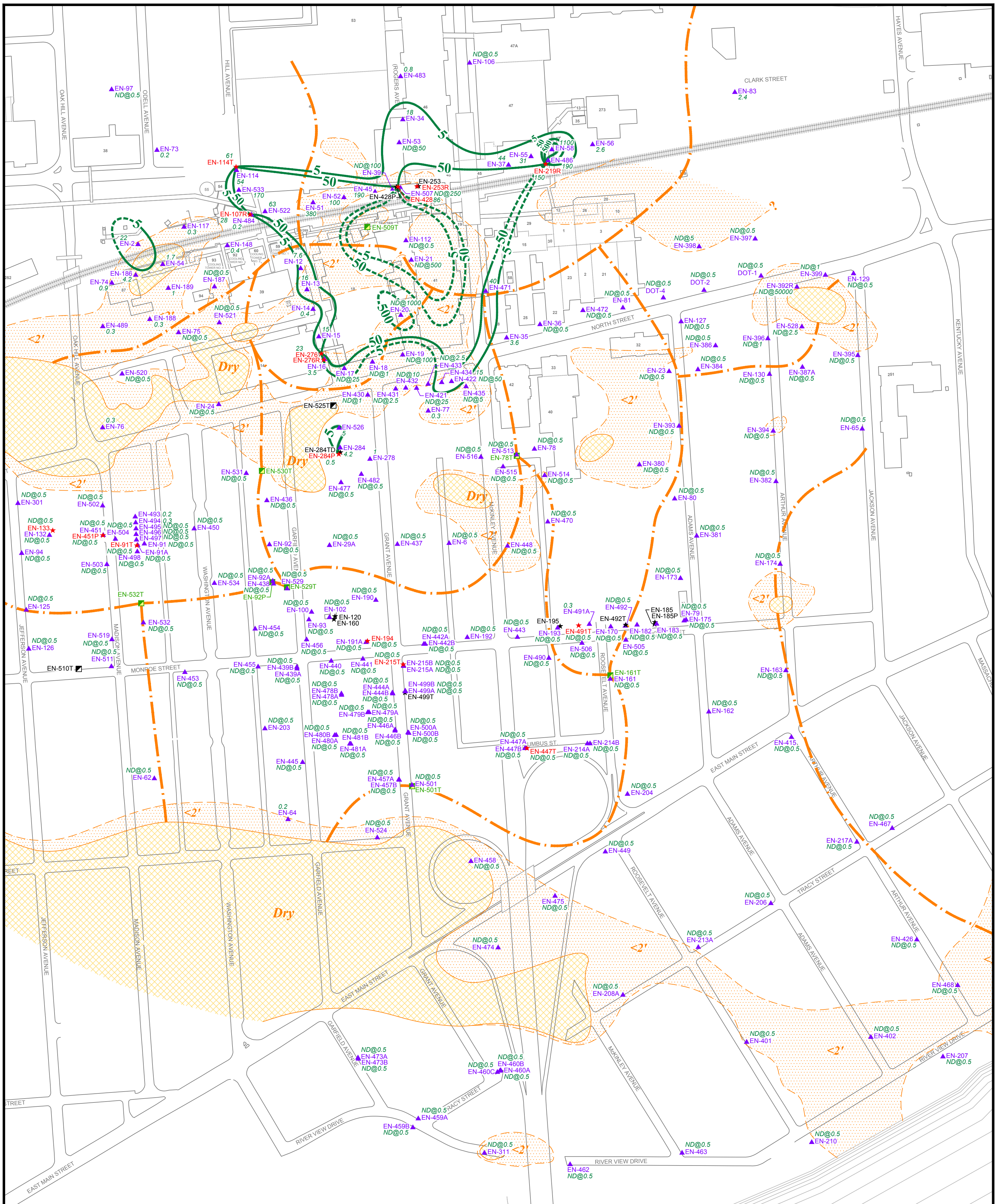
**Former IBM Endicott Site #704014**

**11-DCE Isoconcentration Contour Map**  
Upper Aquifer (November 2016)

DRAWN BY: MHM	DATE: 2/7/17	DRAWING NO.
CHECKED & APPROVED BY: SMF		2007-11DCE_2016-11_5

**GROUNDWATER SCIENCES CORPORATION**

- LEGEND**
- 11DCE - 1,1-Dichloroethene
  - 5 - 11DCE Isoconcentration Contour (µg/l; dashed where inferred)
  - 26 - 11DCE Concentration (µg/l)
  - ND - Not Detected (various detection limits)
  - ▲ - Upper Aquifer Monitoring Well
  - ★ - Upper Aquifer Extraction Well
  - ◆ - Inactive Upper Aquifer Extraction Well
  - - Upper Aquifer Injection Well
  - - Inactive Upper Aquifer Injection Well
  - - Area of Unsaturated Soil in the Upper Aquifer
  - - Saturated Thickness Less Than 2'



**LEGEND**

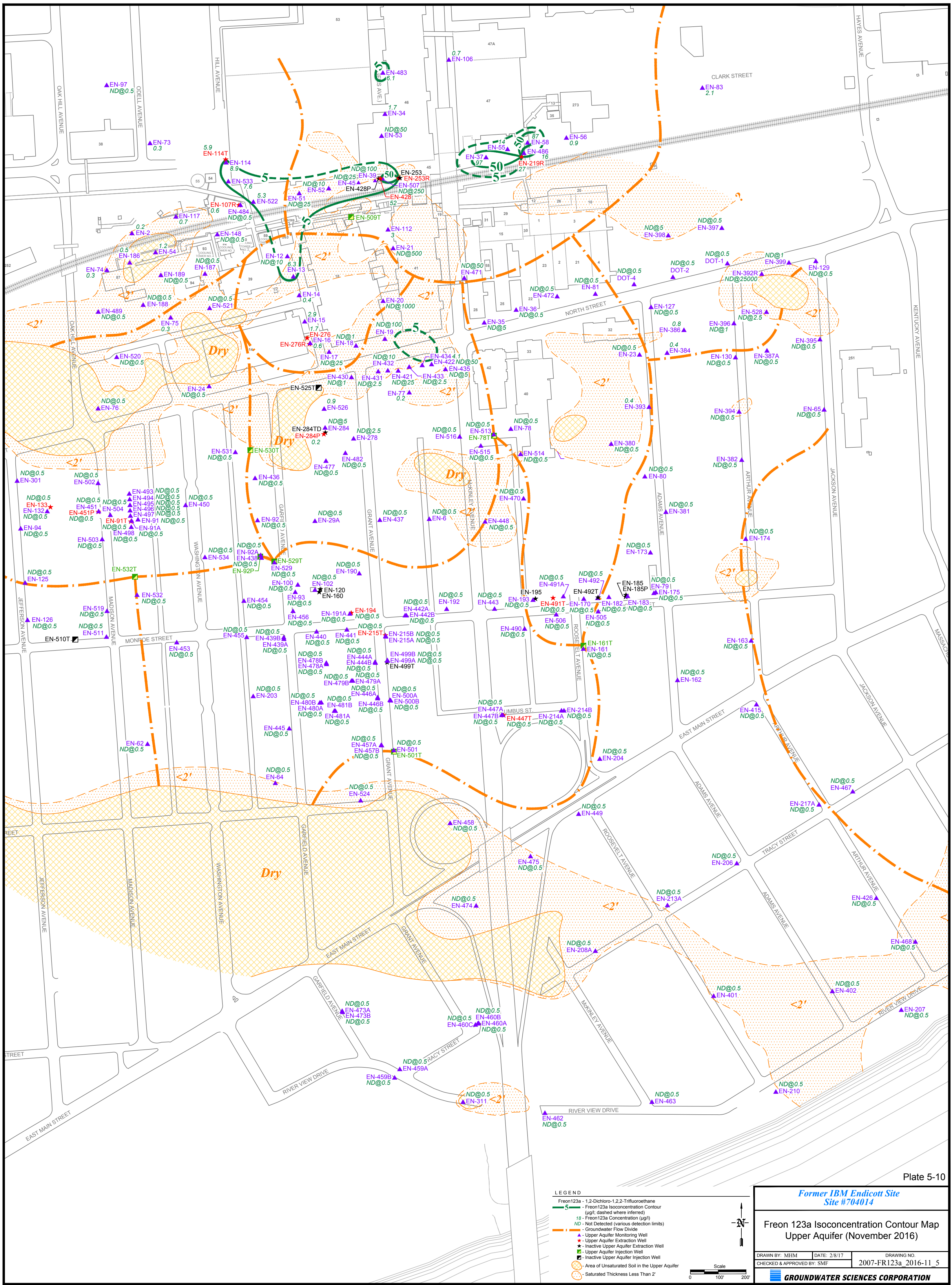
- Freon113 - 1,1,2-Trichloro-1,2,2-Trifluoroethane
- Freon113 Isoconcentration Contour (µg/l; dashed where inferred)
- 0.5 - Freon113 Concentration (µg/l)
- ND - Not Detected (various detection limits)
- Groundwater Flow Divide
- Upper Aquifer Monitoring Well
- Upper Aquifer Extraction Well
- Inactive Upper Aquifer Extraction Well
- Upper Aquifer Injection Well
- Inactive Upper Aquifer Injection Well
- Area of Unsaturated Soil in the Upper Aquifer
- Saturated Thickness Less Than 2'

**Former IBM Endicott Site #704014**

**Freon 113 Isoconcentration Contour Map**  
Upper Aquifer (November 2016)

DRAWN BY: MHM	DATE: 2/8/17
CHECKED & APPROVED BY: SMF	DRAWING NO. 2007-FR113_2016-11_5

**GROUNDWATER SCIENCES CORPORATION**



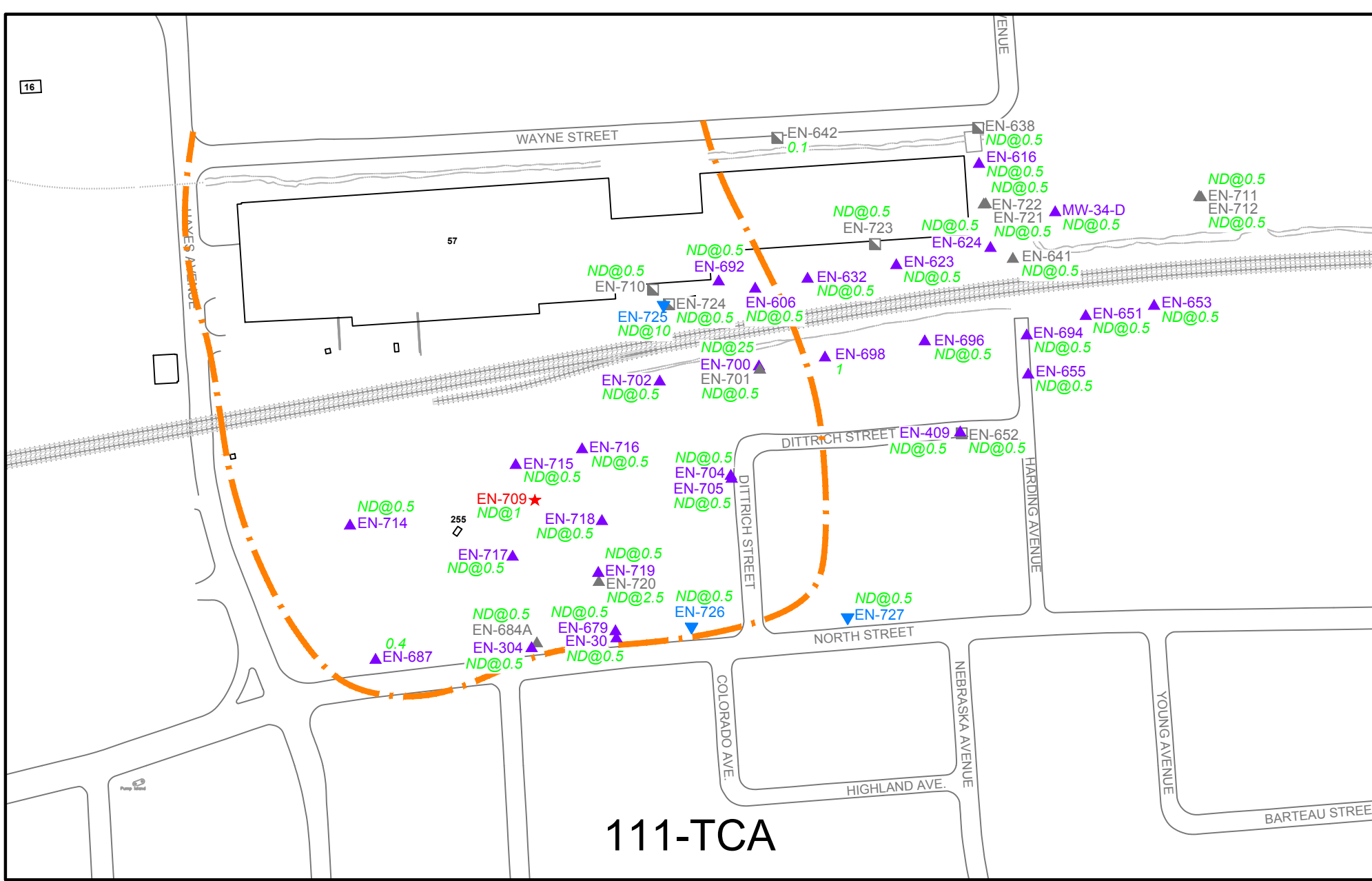
**Former IBM Endicott Site #704014**

**Freon 123a Isoconcentration Contour Map**  
Upper Aquifer (November 2016)

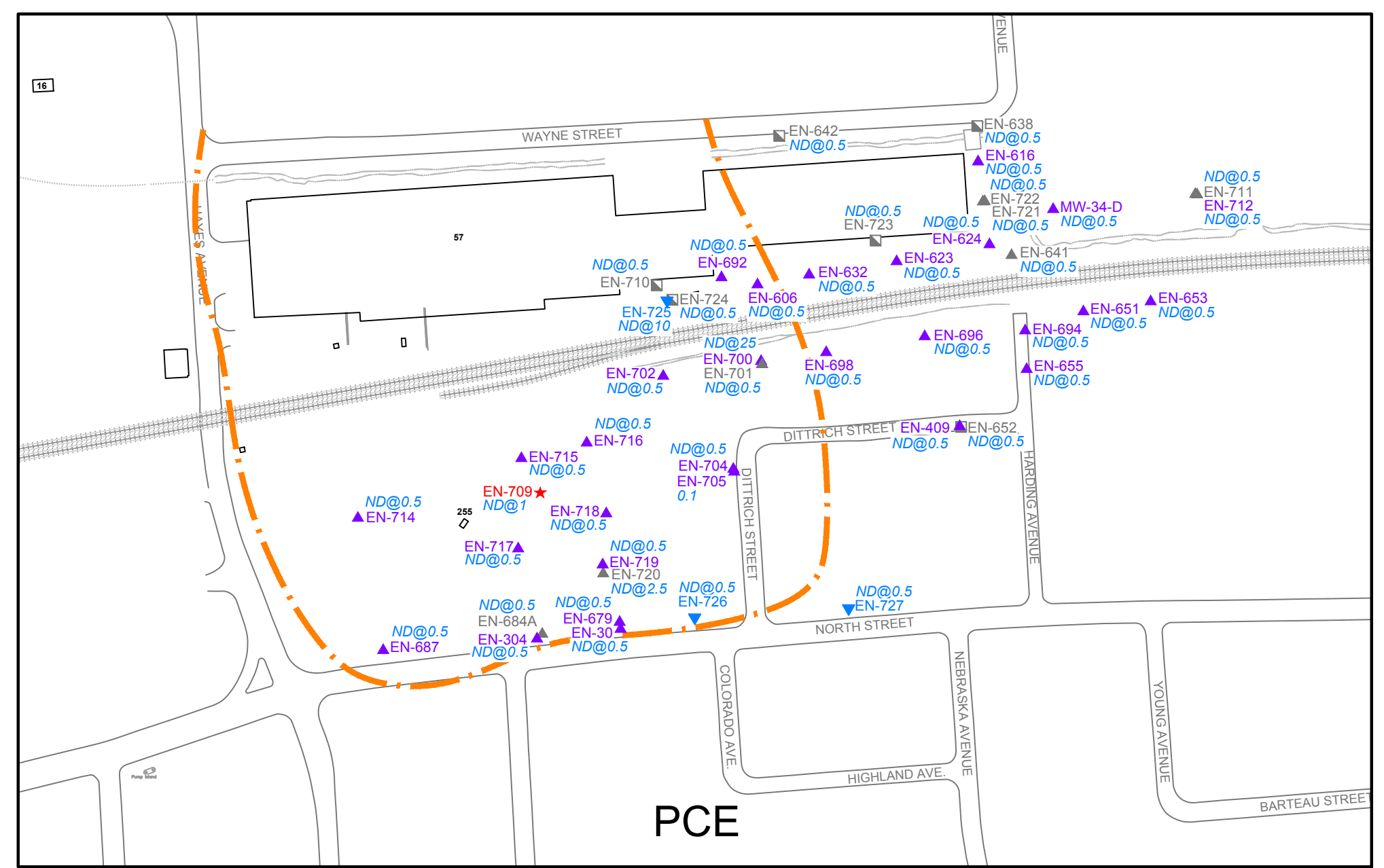
DRAWN BY: MHM	DATE: 2/8/17	DRAWING NO.
CHECKED & APPROVED BY: SMF		2007-FR123a_2016-11_5

**GROUNDWATER SCIENCES CORPORATION**

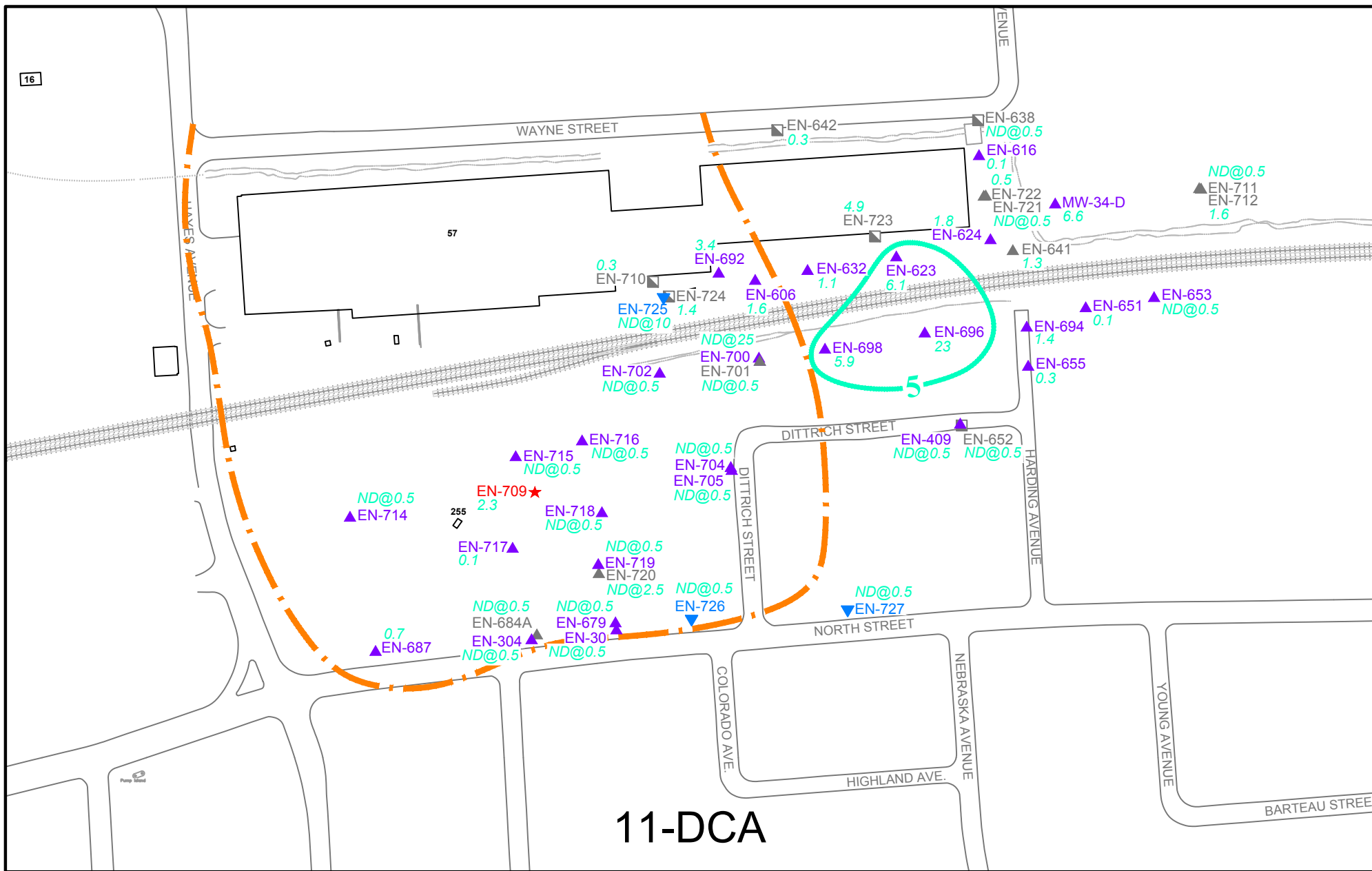
- LEGEND**
- Freon123a - 1,2-Dichloro-1,2,2-Trifluoroethane
  - 5 - Freon123a Isoconcentration Contour (µg/l; dashed where inferred)
  - 10 - Freon123a Concentration (µg/l)
  - ND - Not Detected (various detection limits)
  - ▲ - Upper Aquifer Monitoring Well
  - ★ - Upper Aquifer Extraction Well
  - ◆ - Inactive Upper Aquifer Extraction Well
  - - Upper Aquifer Injection Well
  - - Inactive Upper Aquifer Injection Well
  - Area of Unsaturated Soil in the Upper Aquifer
  - Saturated Thickness Less Than 2'



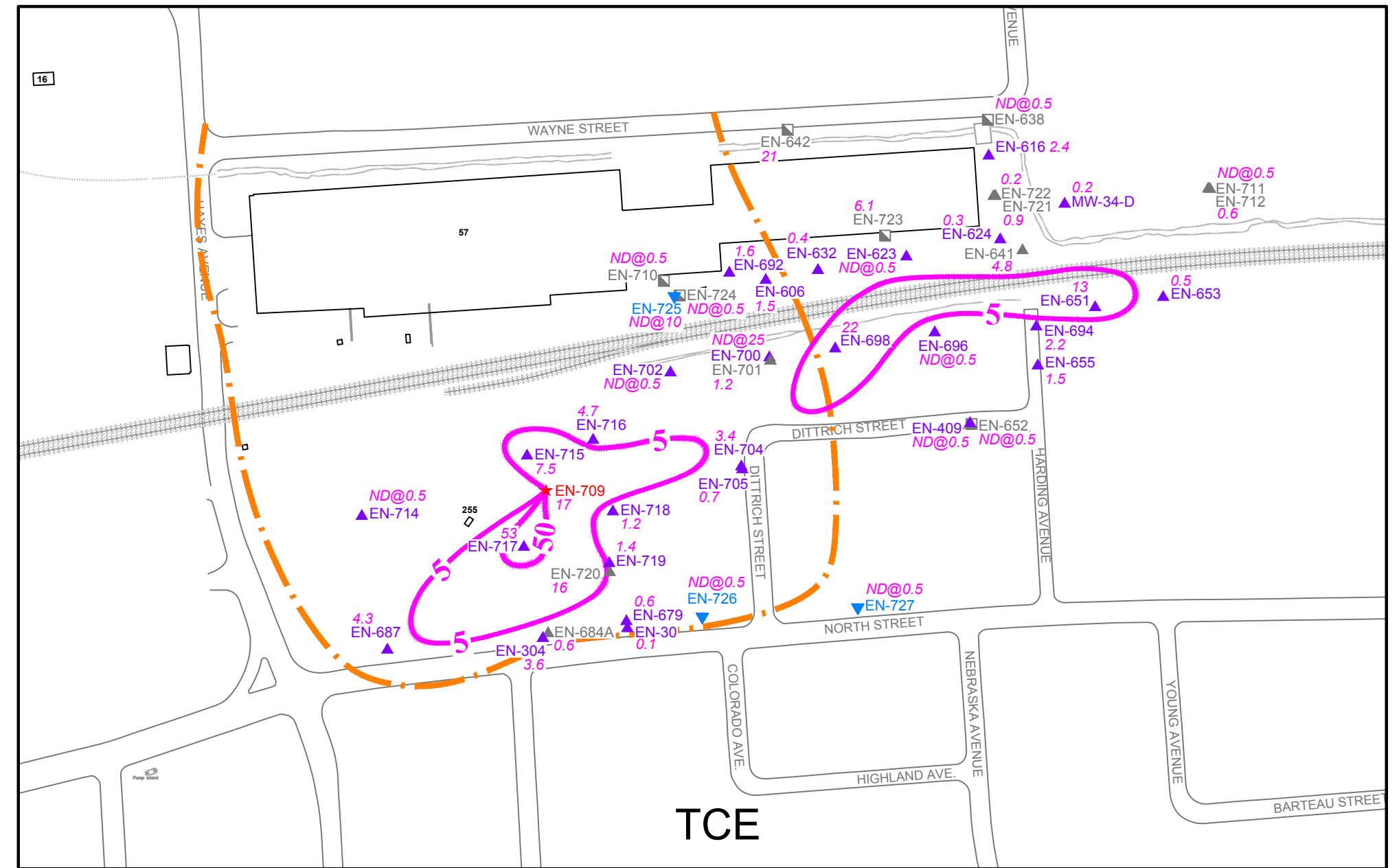
111-TCA



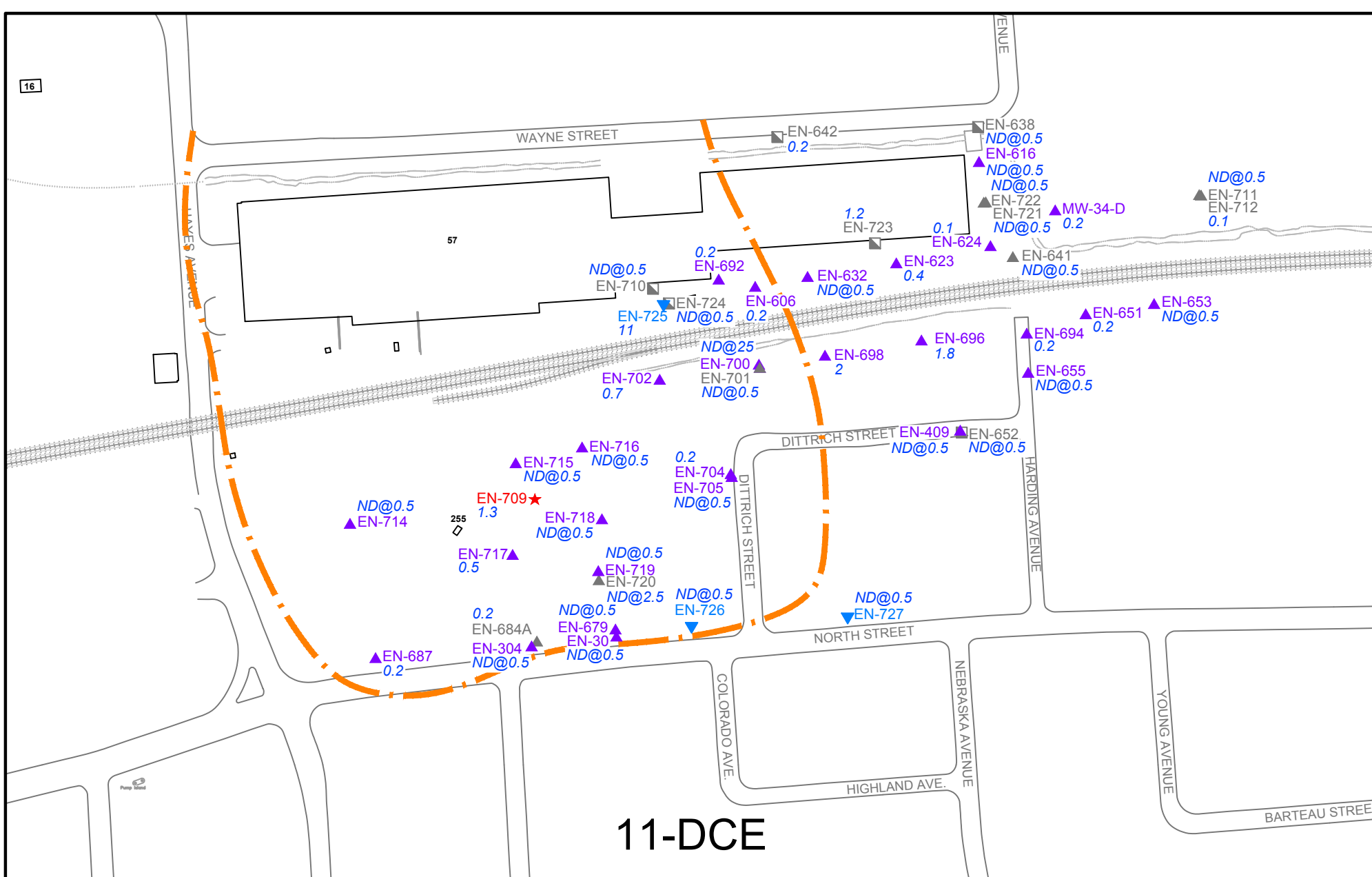
PCE



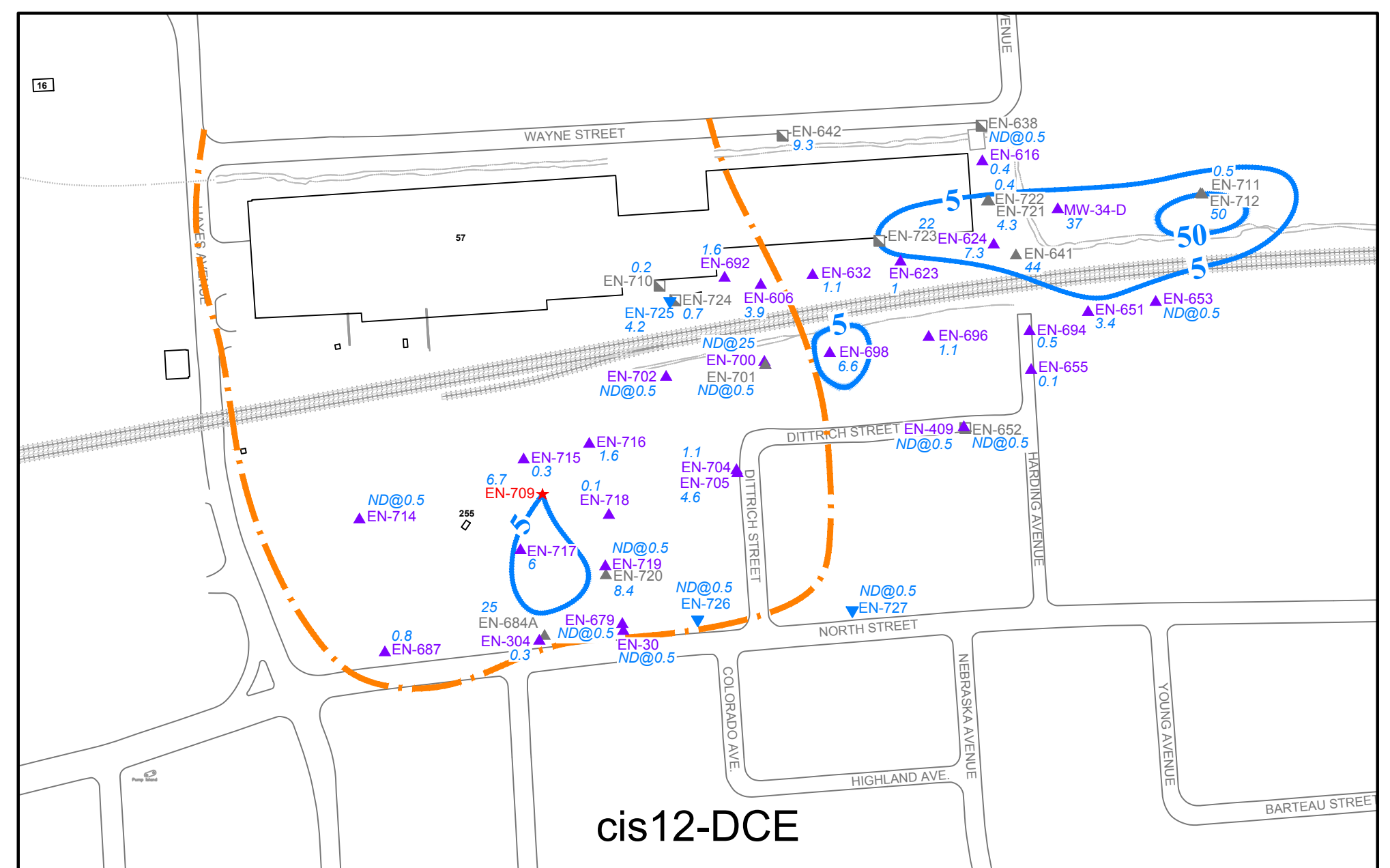
11-DCA



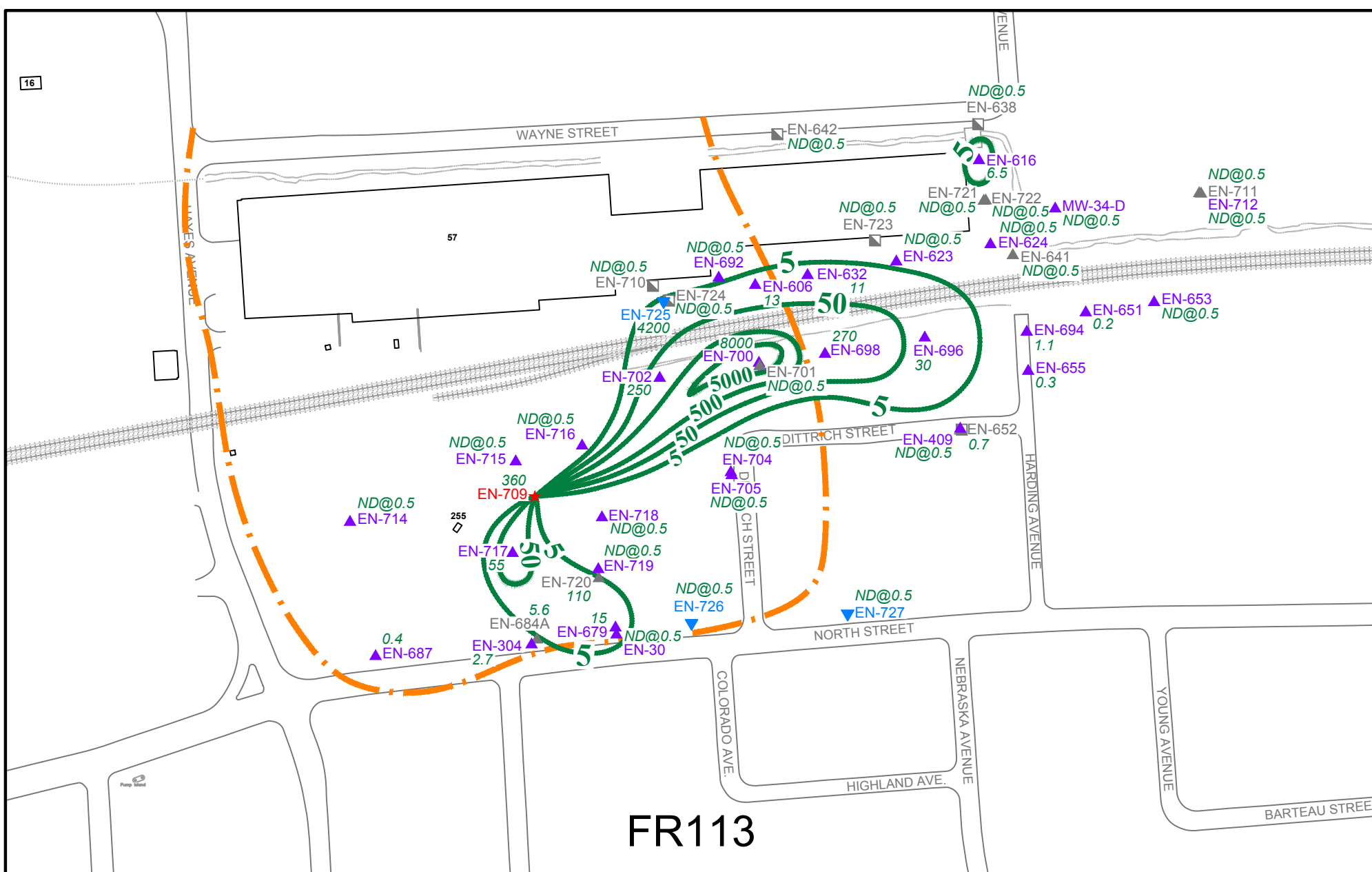
TCE



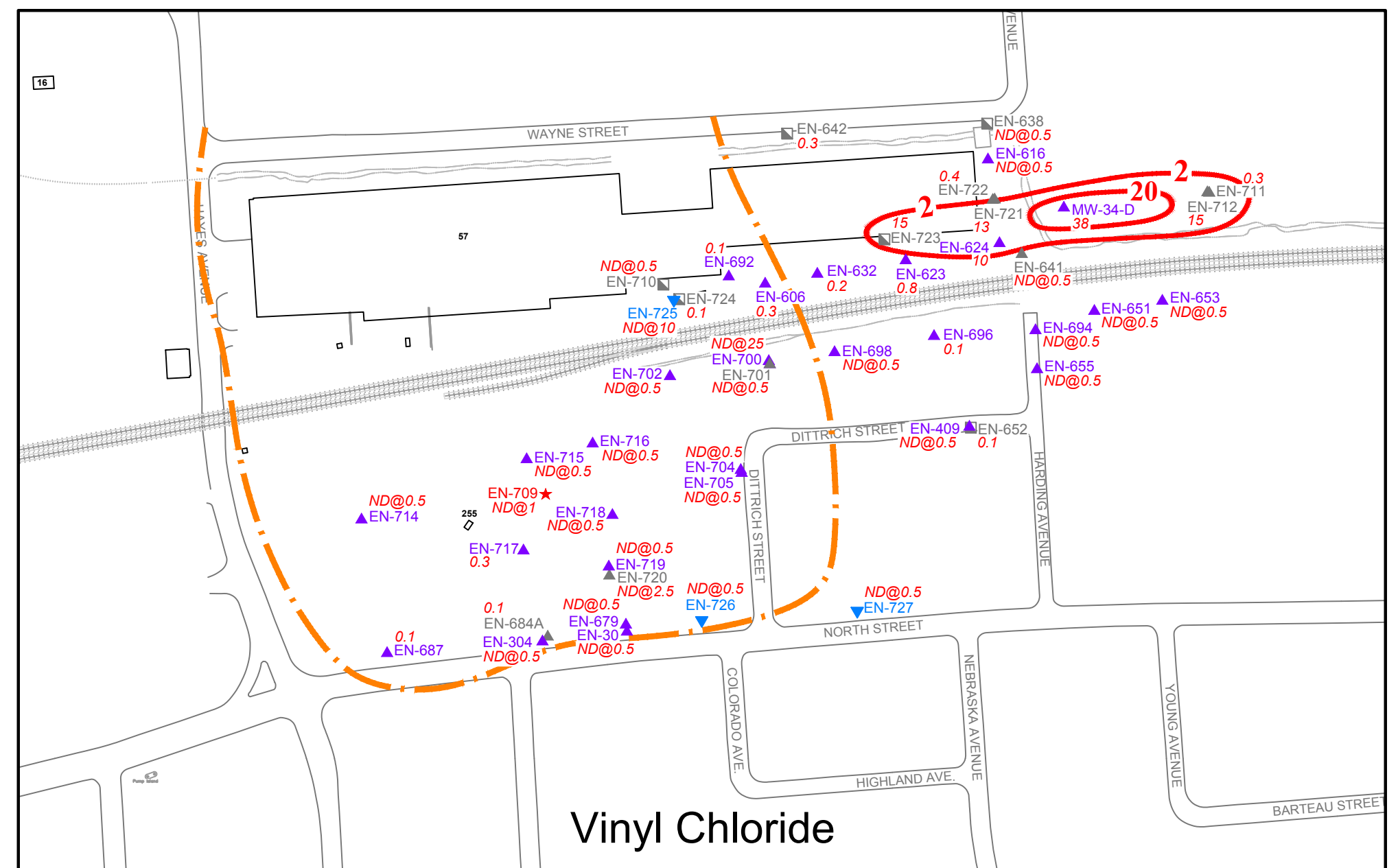
11-DCE



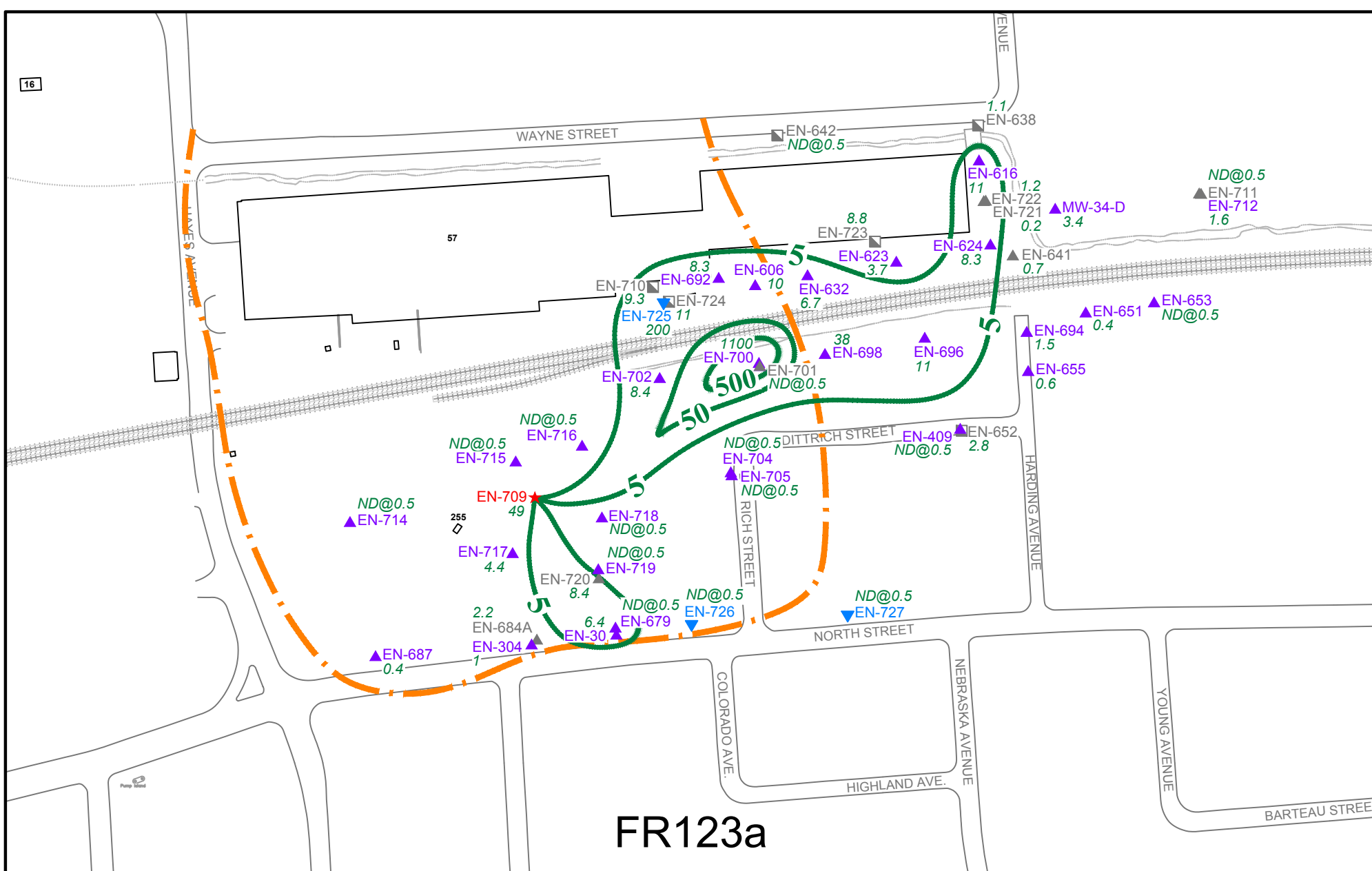
cis12-DCE



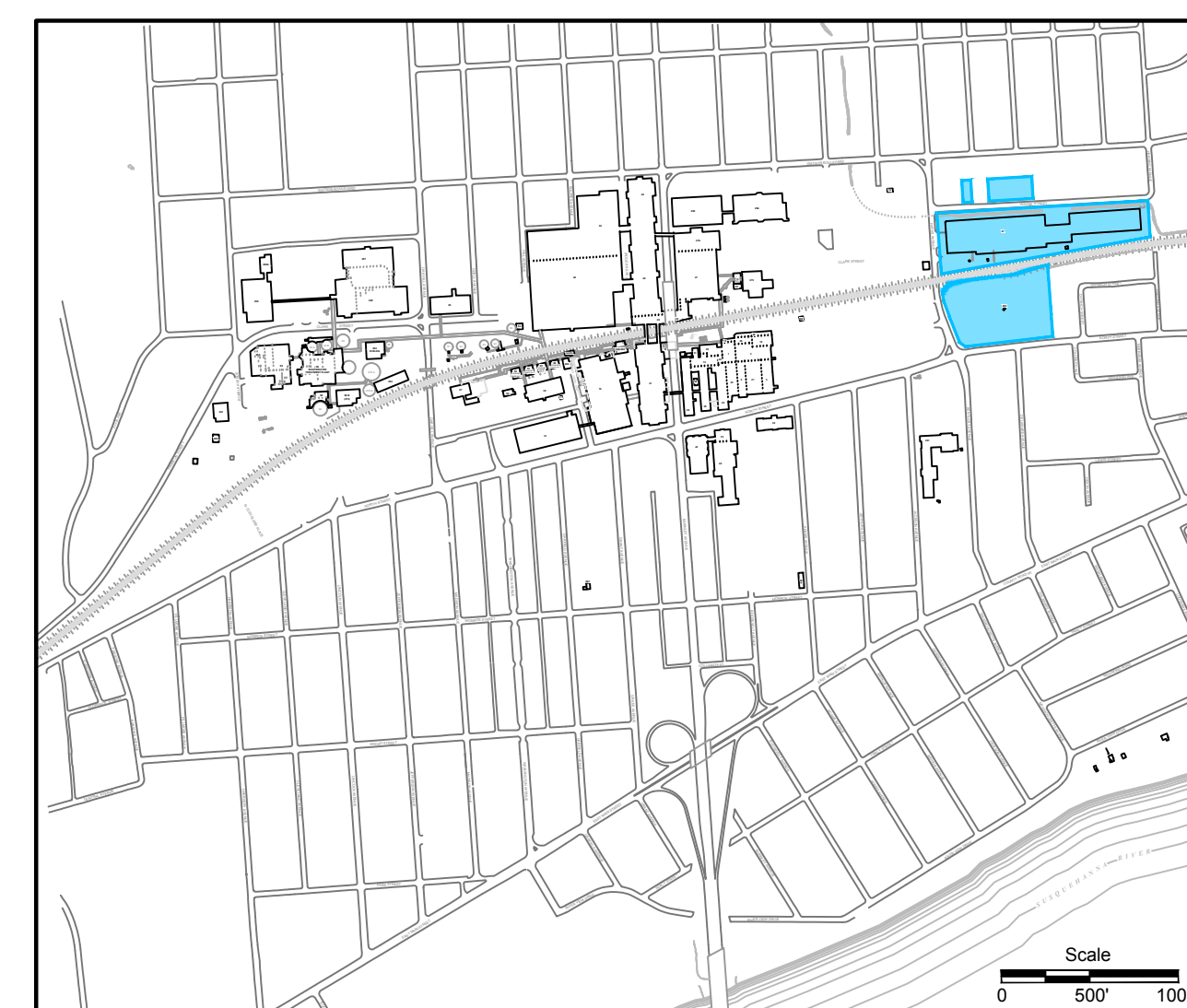
FR113



Vinyl Chloride



FR123a



Operable Unit #5 Location Map

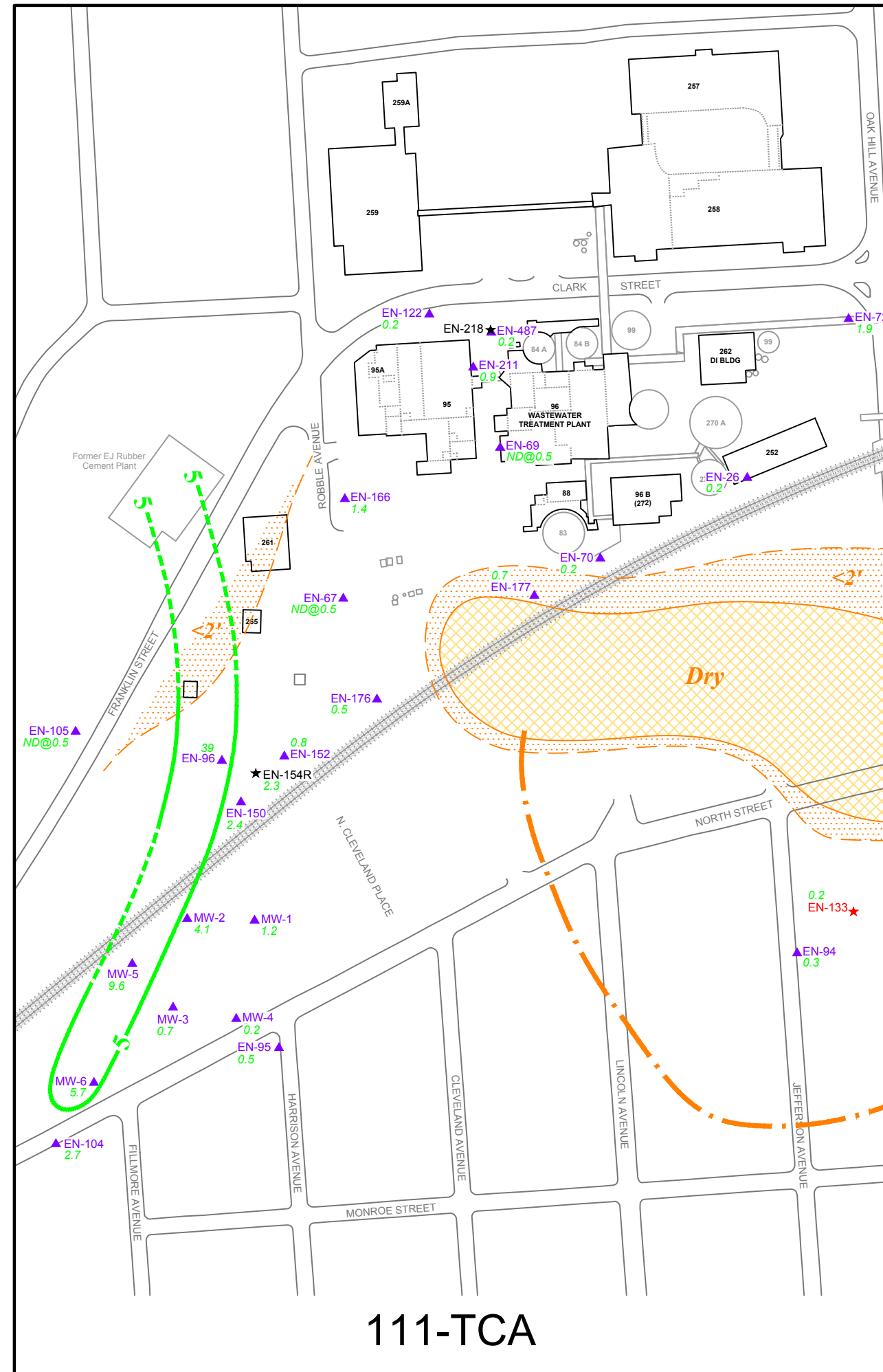
**LEGEND**

- ▲ Upper Aquifer Monitoring Well
- Other Monitoring Well
- ★ Upper Aquifer Extraction Well
- ▼ Bedrock Monitoring Well
- Ice Contact/Till Monitoring Well

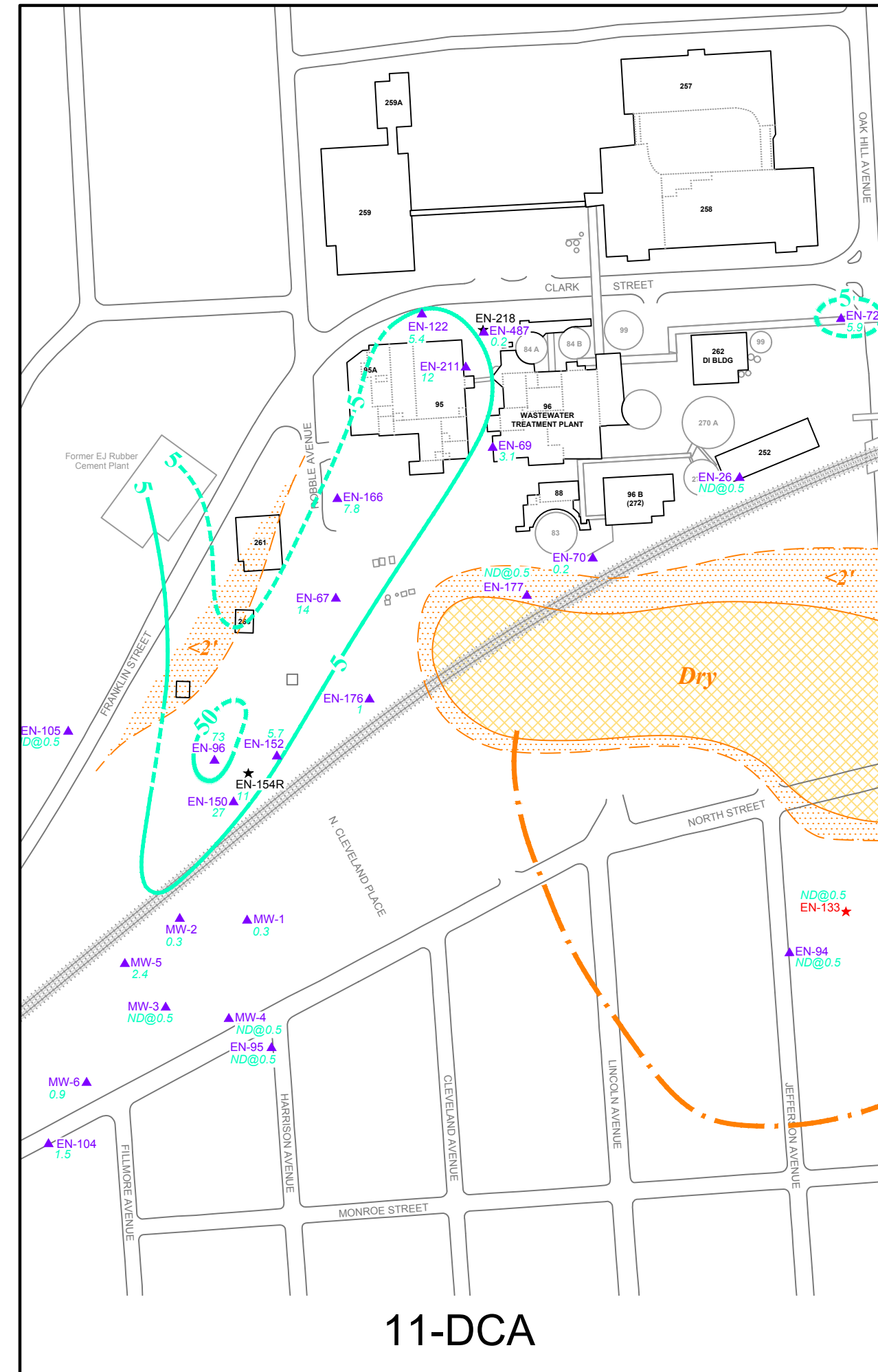
11-DCA - 1,1-Dichloroethane  
 11-DCE - 1,1-Dichloroethene  
 111-TCA - 1,1,1-Trichloroethane  
 cis12-DCE - cis-1,2-Dichloroethene  
 FR113 - 1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)  
 FR123a - 1,2-Dichloro-1,2,2-Trifluoroethane (Freon 123a)  
 PCE - Tetrachloroethene  
 TCE - Trichloroethene  
 VOC - Volatile Organic Compound  
 12 - Constituent Concentration (ug/l)  
 ND - Not Detected (various detection limits)  
 5 - Constituent Isoconcentration Contour (ug/l; dashed where inferred)  
 --- Apparent Limits of EN-709 Hydraulic Capture Zone

Scale  
 0 100 200

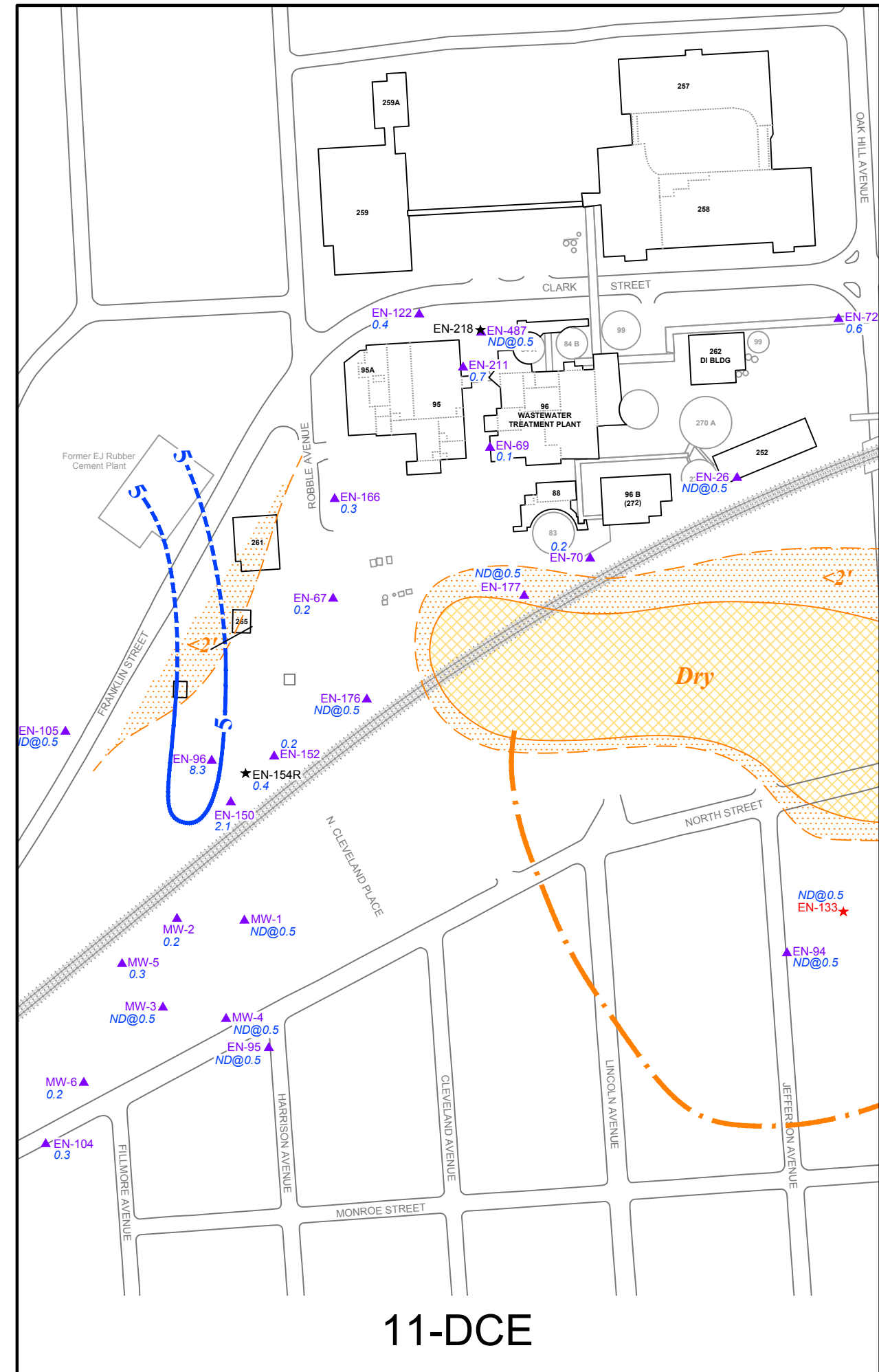




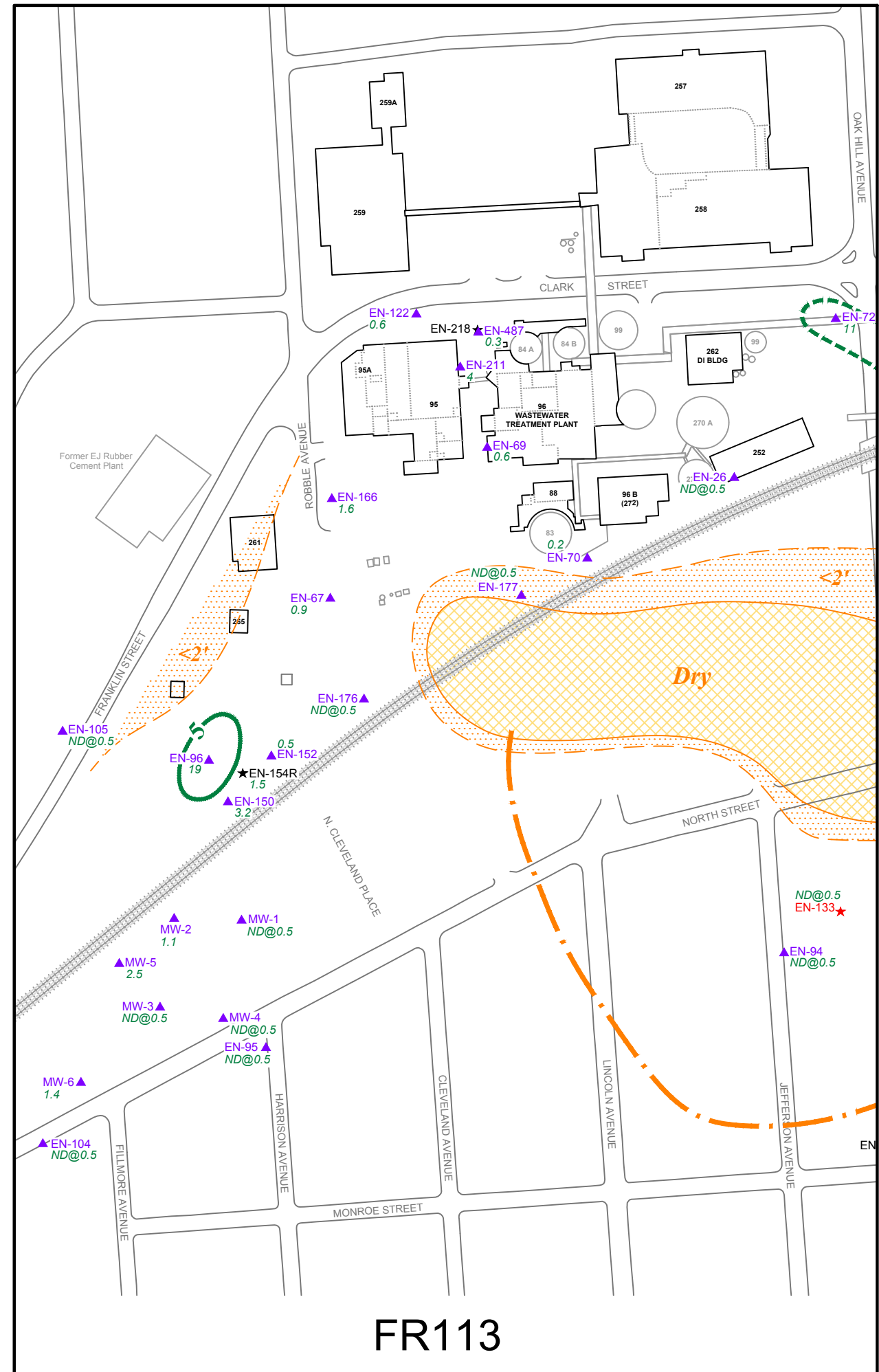
111-TCA



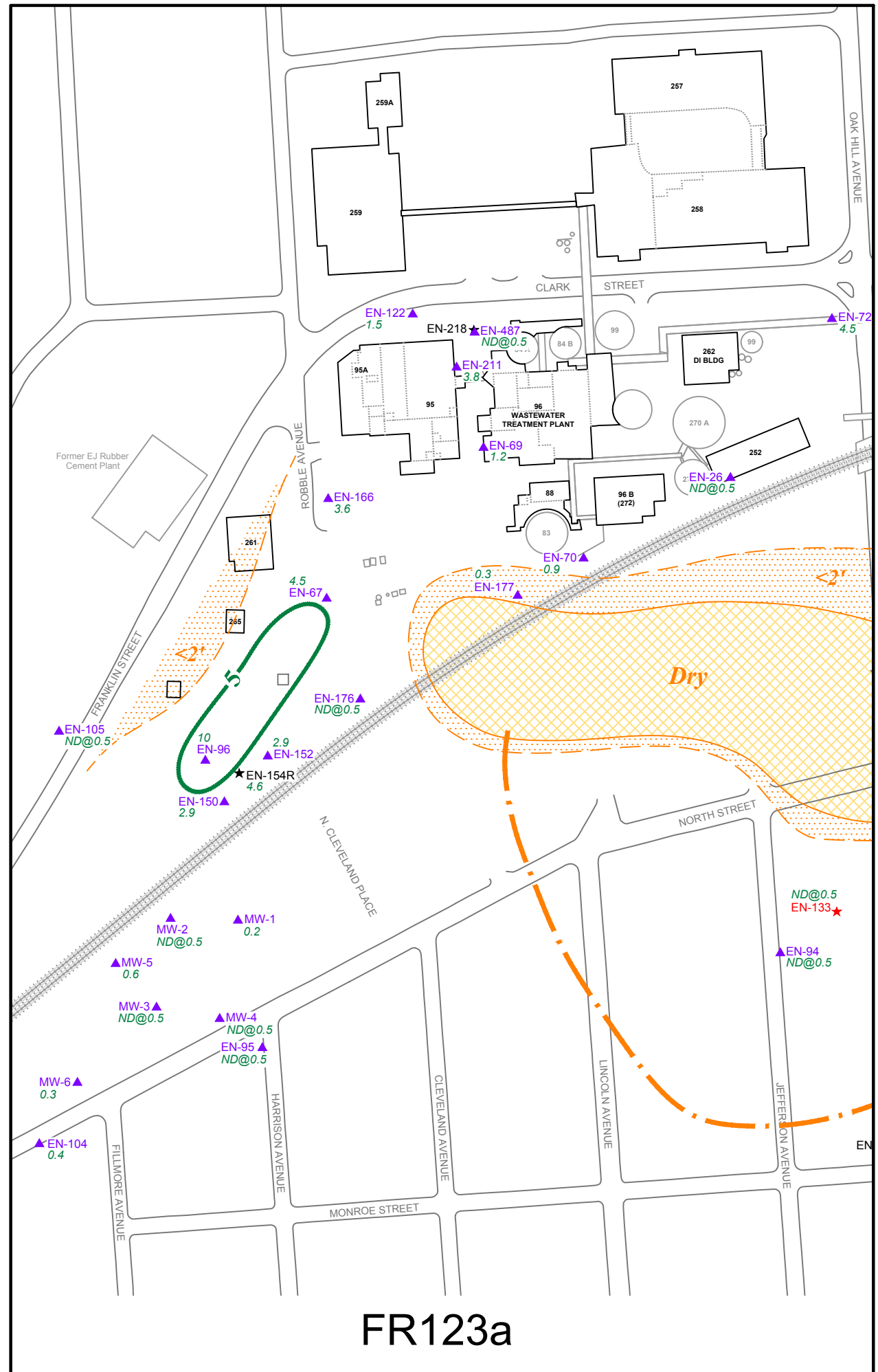
11-DCA



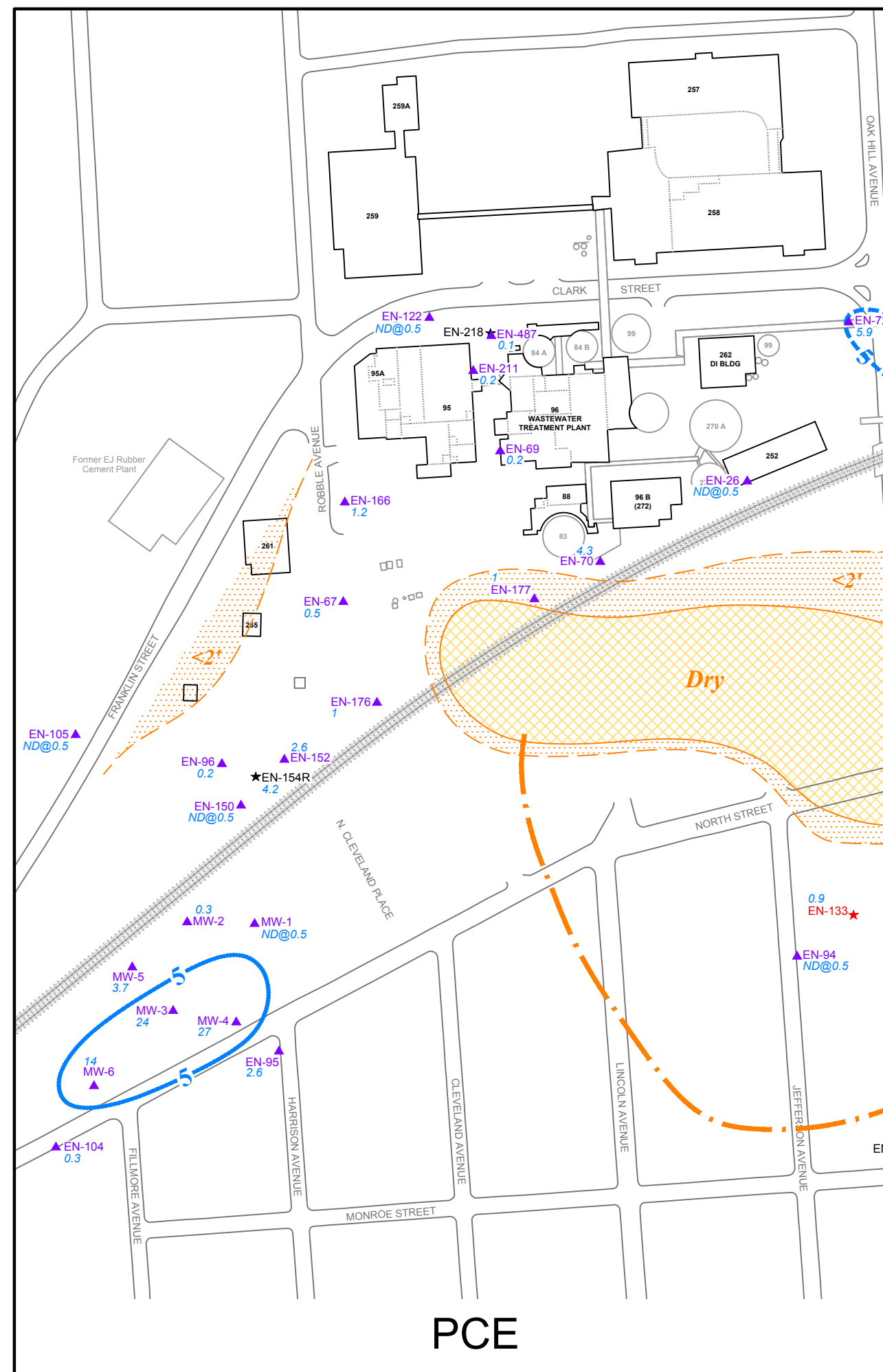
11-DCE



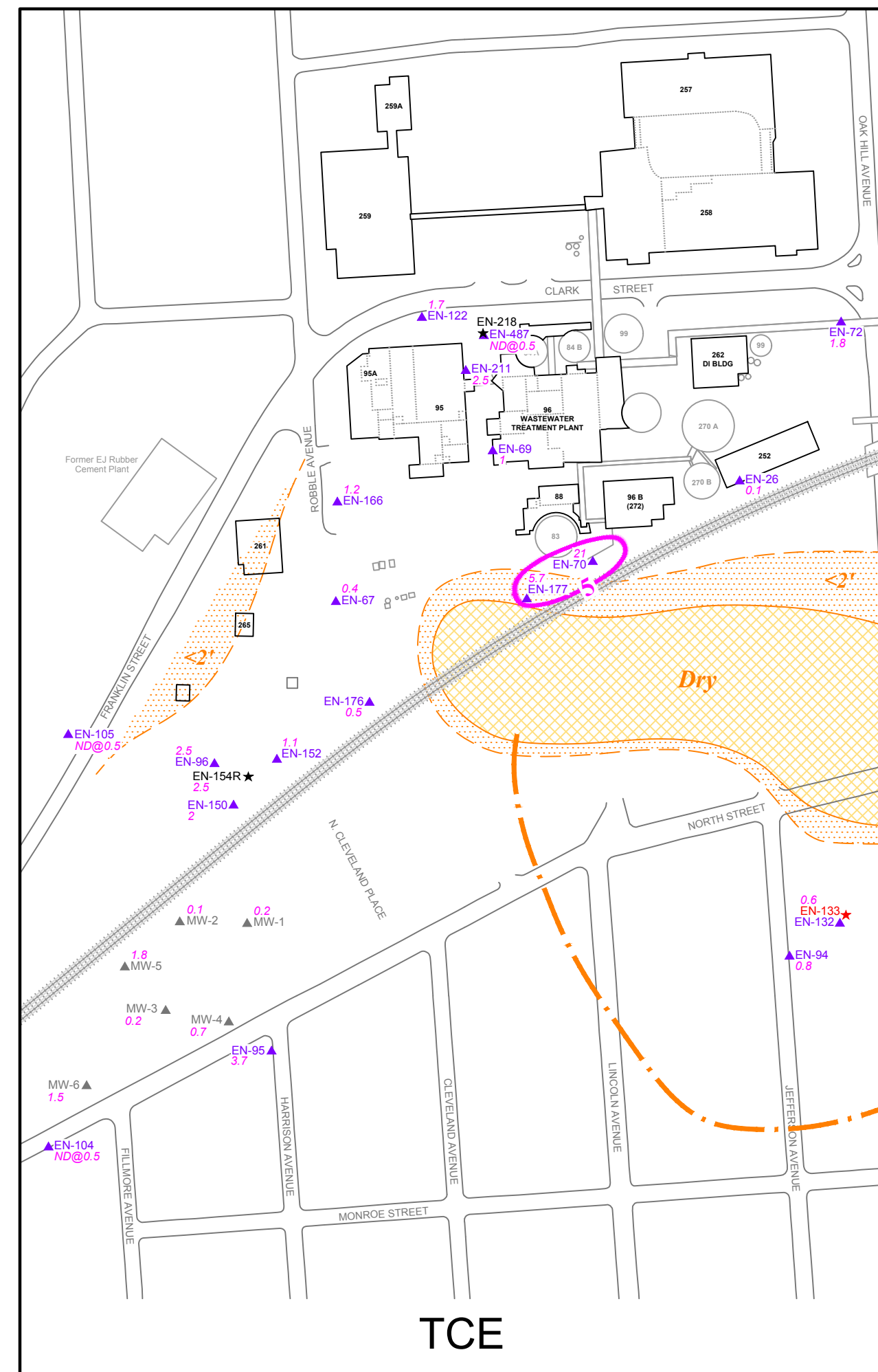
FR113



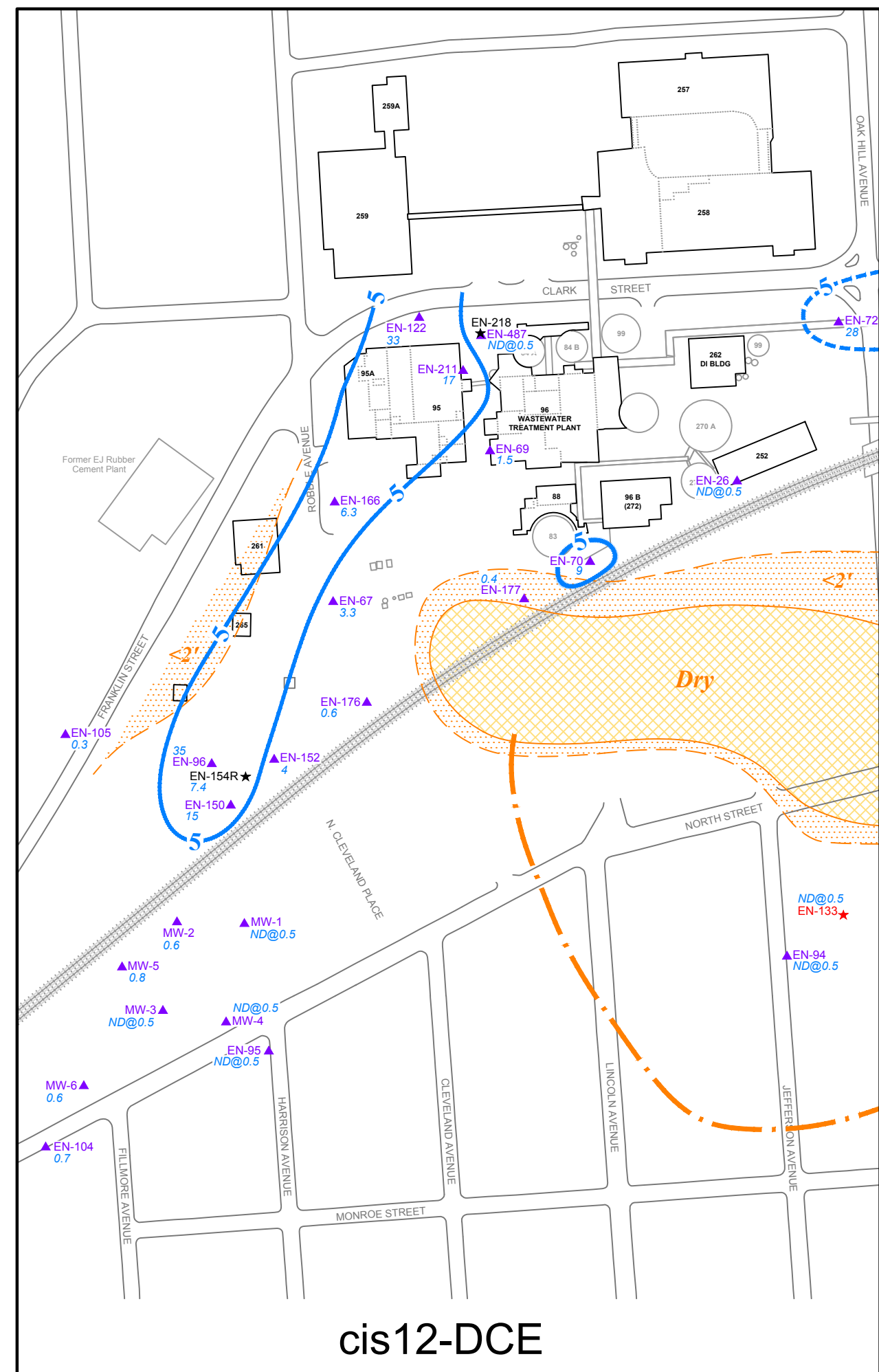
FR123a



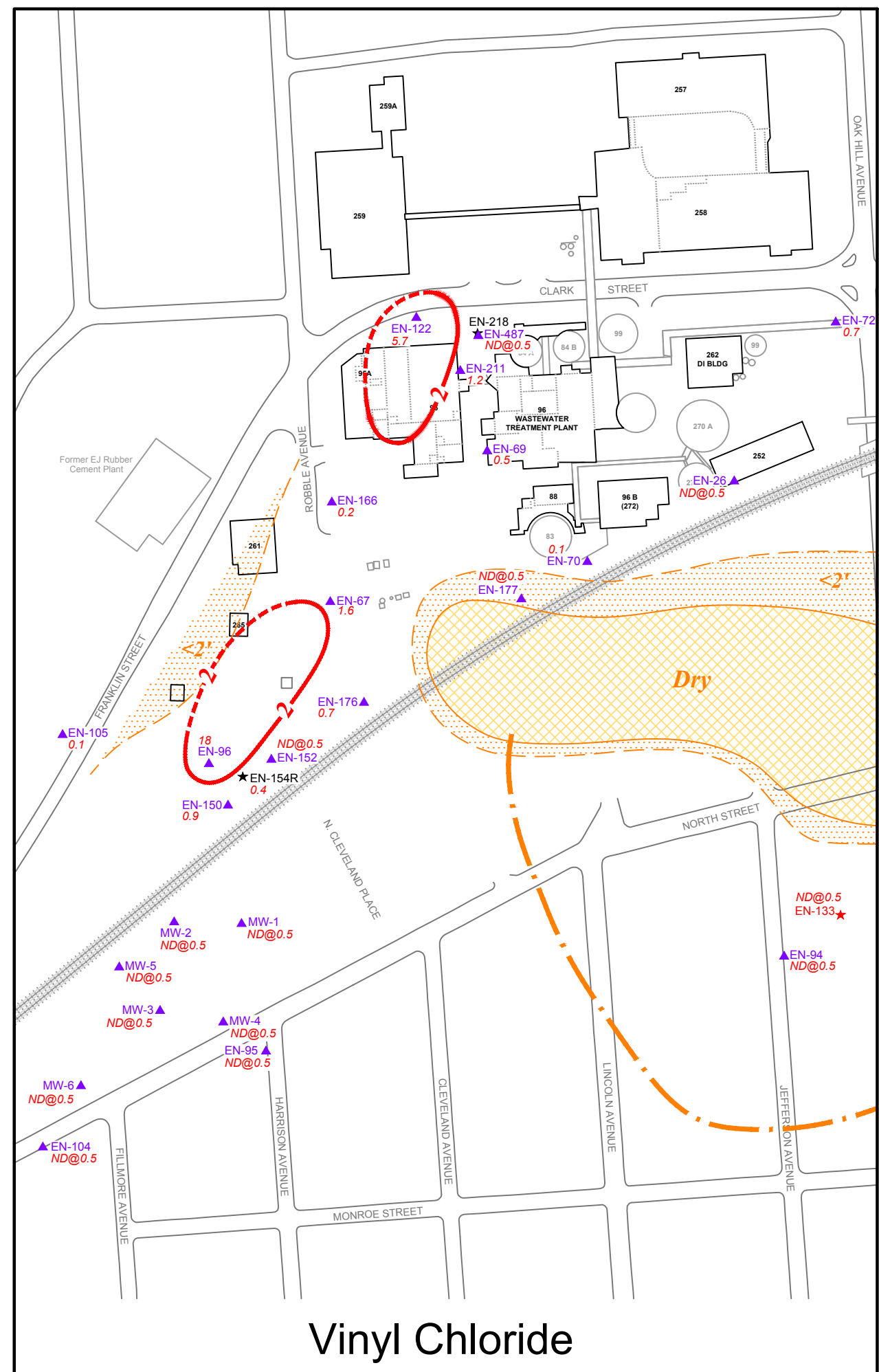
PCE



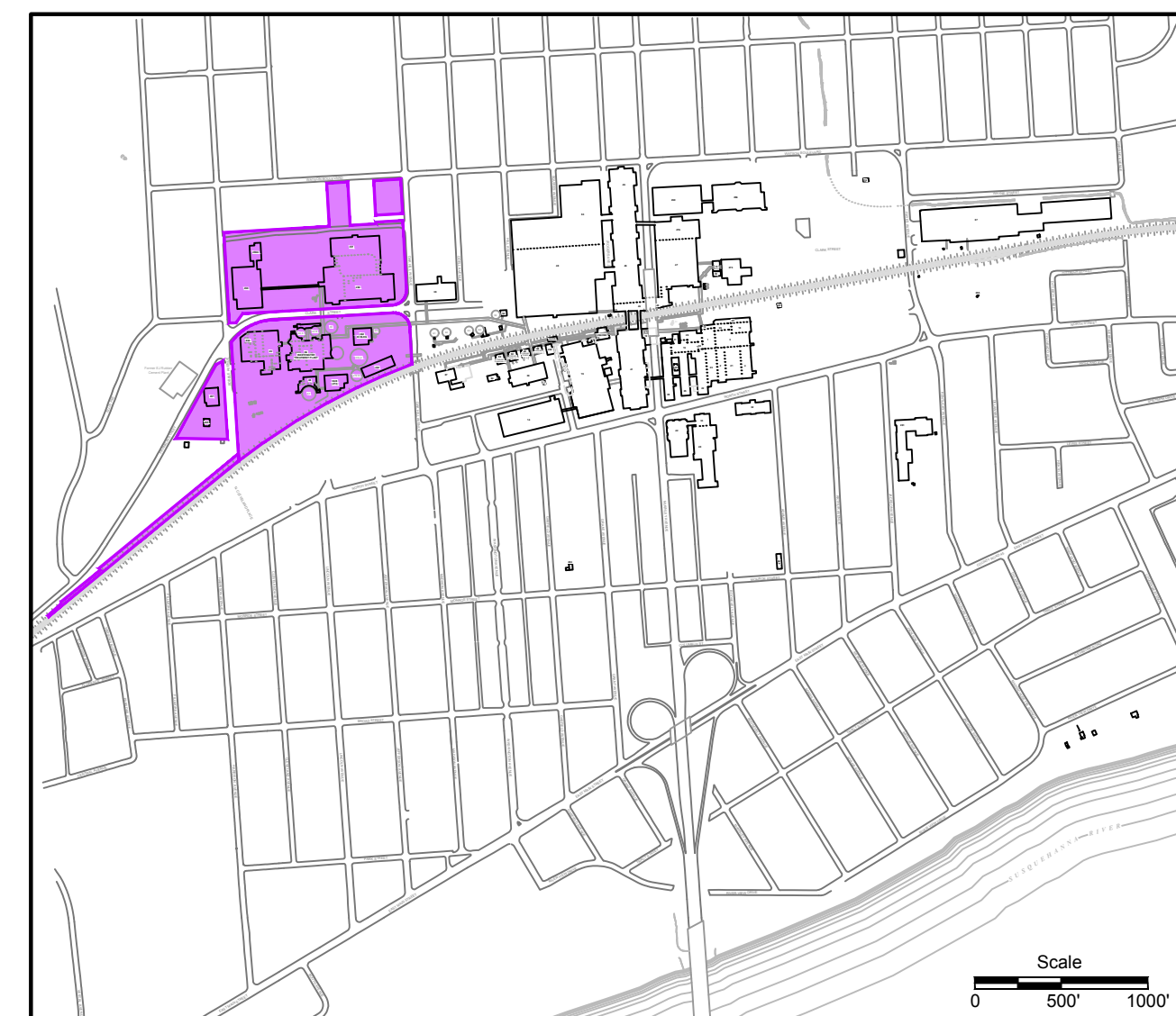
TCE



cis12-DCE



Vinyl Chloride



Operable Unit #7 Location Map

- LEGEND**
- ▲ - Upper Aquifer Monitoring Well
  - ★ - Upper Aquifer Extraction Well
  - 11-DCA - 1,1-Dichloroethane
  - 11-DCE - 1,1-Dichloroethene
  - 111-TCA - 1,1,1-Trichloroethane
  - cis12-DCE - cis-1,2-Dichloroethene
  - FR113 - 1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
  - FR123a - 1,2-Dichloro-1,2,2-Trifluoroethane (Freon 123a)
  - PCE - Tetrachloroethene
  - TCE - Trichloroethene
  - VOC - Volatile Organic Compound
  - 12 - Constituent Concentration (ug/l)
  - ND - Not Detected (various detection limits)
  - - Constituent Isoconcentration Contour (light dashed where inferred)
  - - - - Groundwater Flow Divide

Plate 5-12

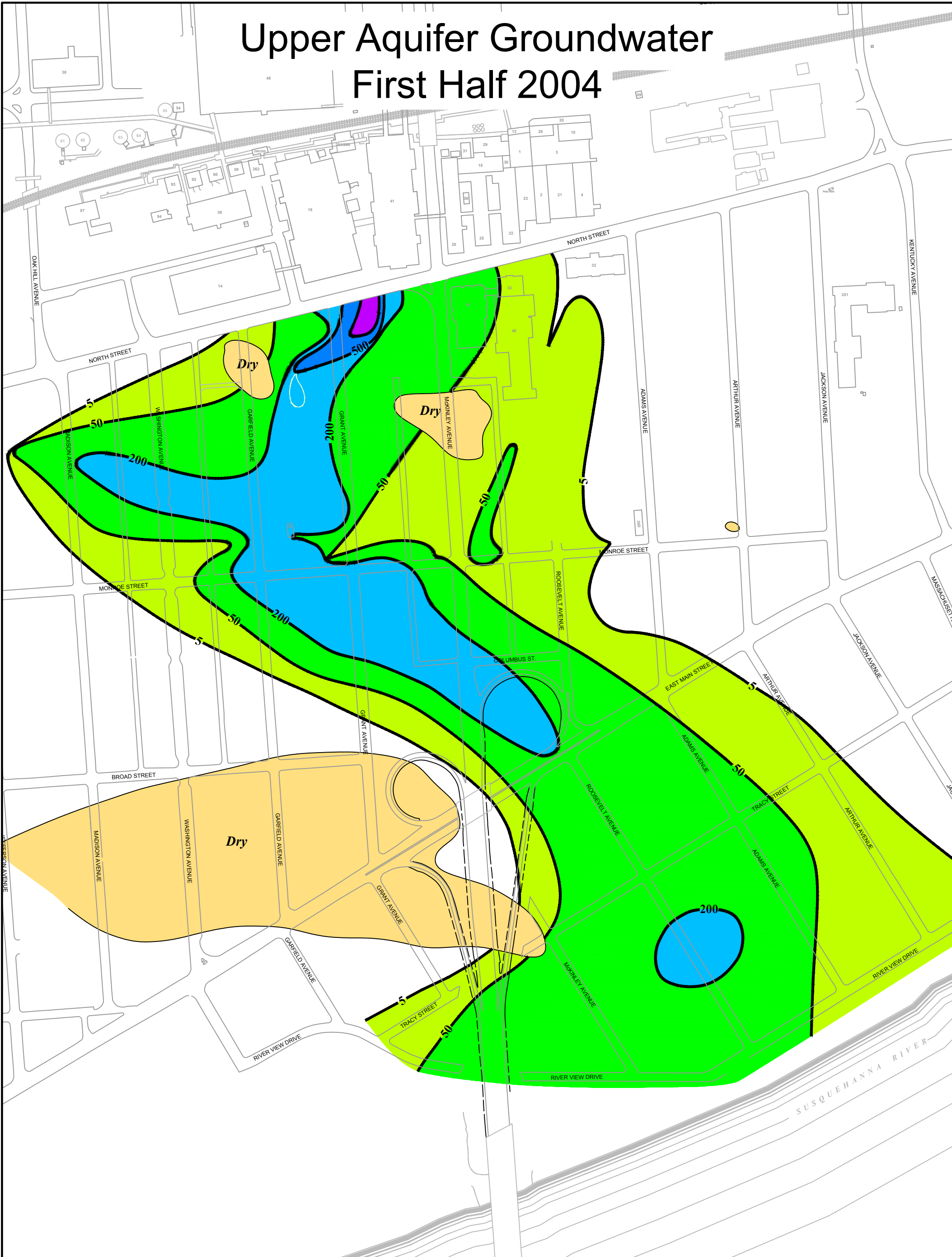
**Former IBM Endicot Site  
Site #704014**

**VOC Isoconcentration Contour Maps  
OU#7 Area, Upper Aquifer  
August 2016**

DRAWN BY: MHM DATE: 3/31/17 DRAWING NO. \_\_\_\_\_  
 CHECKED & APPROVED BY: SMF/RCW 2007\_VOC\_2016-08\_OU17\_2

**GROUNDWATER SCIENCES CORPORATION**

# Upper Aquifer Groundwater First Half 2004



# Upper Aquifer Groundwater November 2016

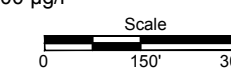


**LEGEND**

- TCE - Trichloroethene
- 5 — TCE Isoconcentration Contour (µg/l; dashed where inferred)
- - Area of Unsaturated Soil in the Upper Aquifer

**TCE CONCENTRATIONS**

- 5 - 50 µg/l
- 50 - 200 µg/l
- 200 - 500 µg/l
- 500 - 5,000 µg/l
- 5,000 - 50,000 µg/l
- > 50,000 µg/l

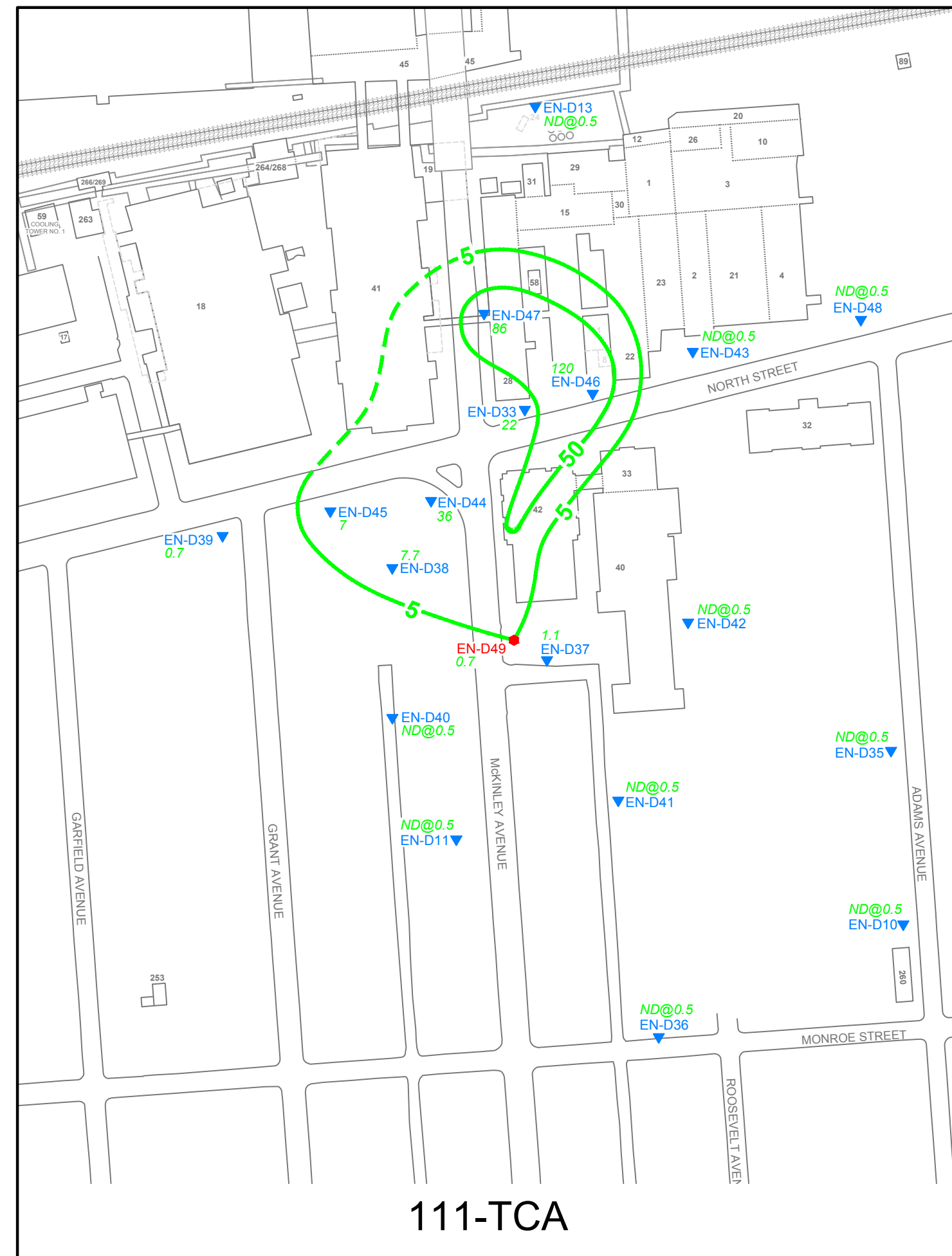


*Former IBM Endicott Site #704014*

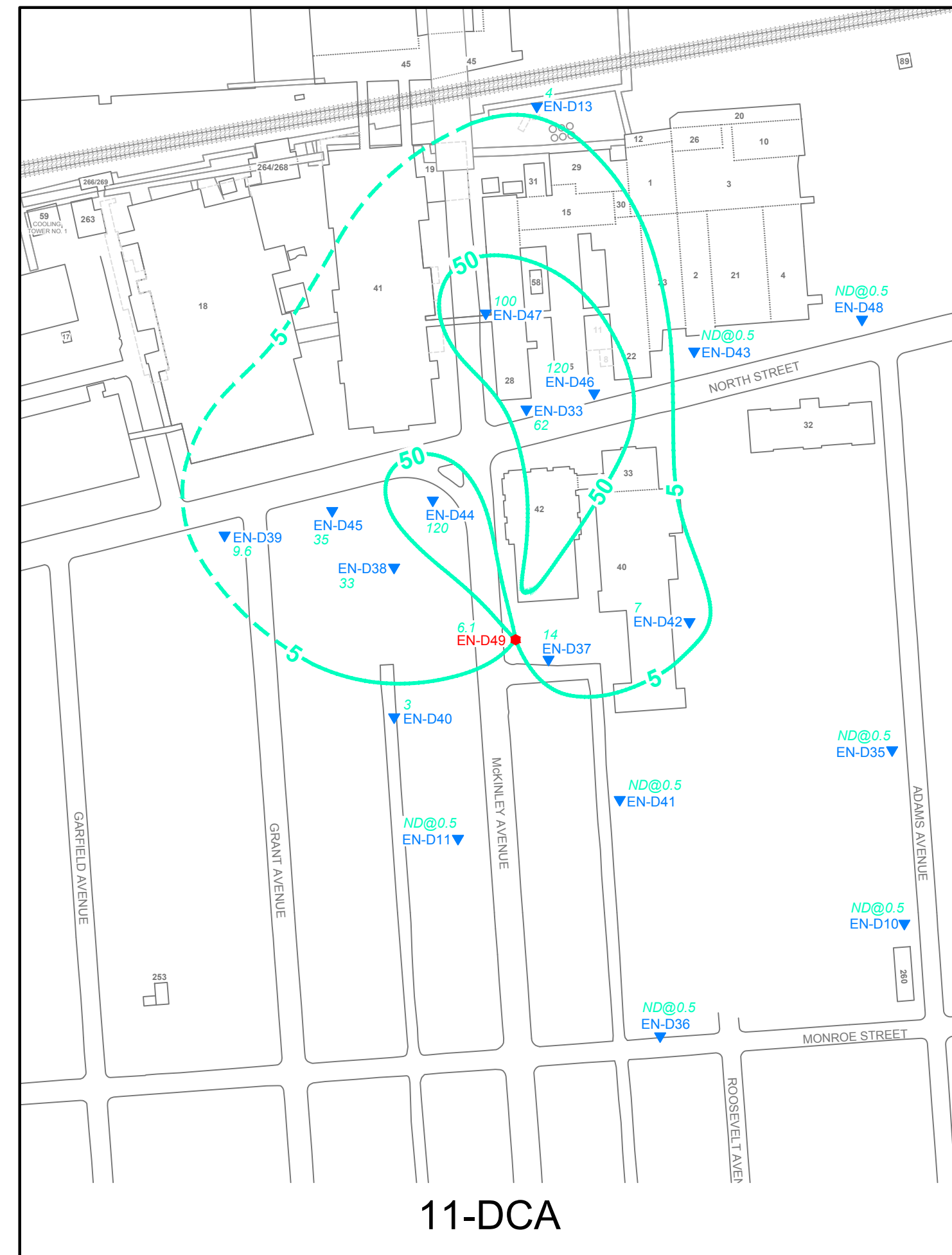
**Comparative TCE Isoconcentration Contour Map  
Upper Aquifer  
(First Half 2004 vs. November 2016)**

DRAWN BY: MHM	DATE: 3/1/17	DRAWING NO.
CHECKED & APPROVED BY: SMF	2007-TCE_2016-011_C1	

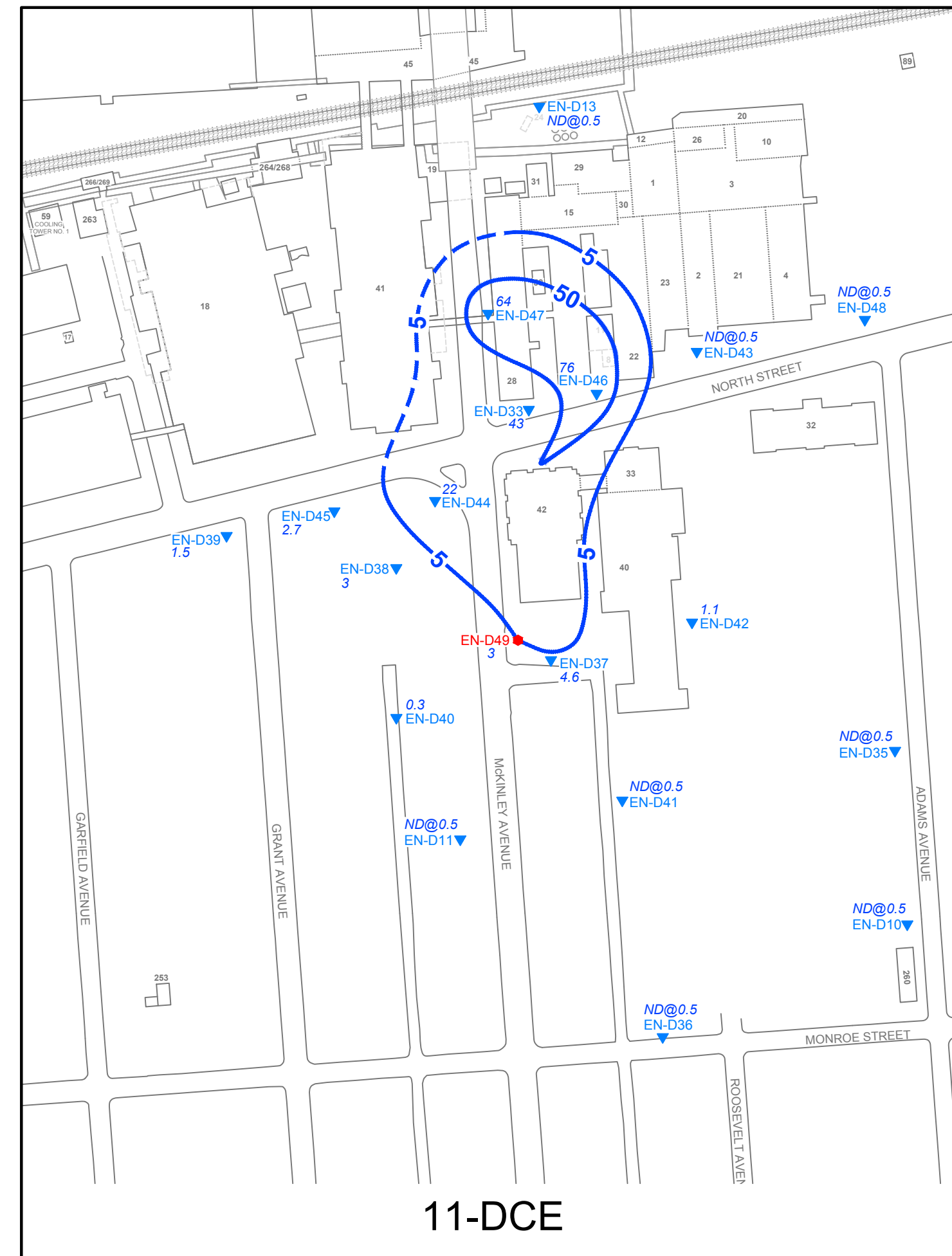
**GROUNDWATER SCIENCES CORPORATION**



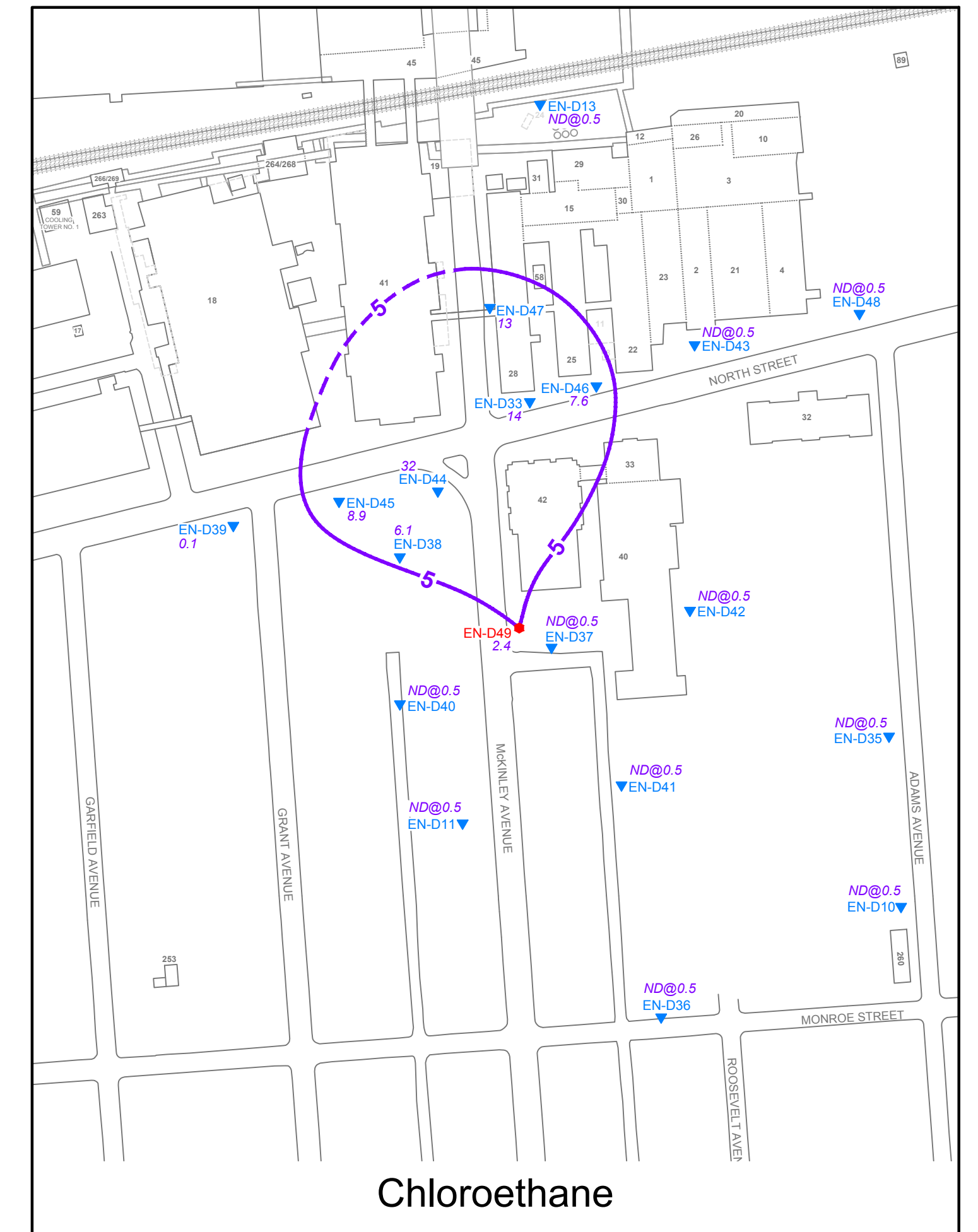
111-TCA



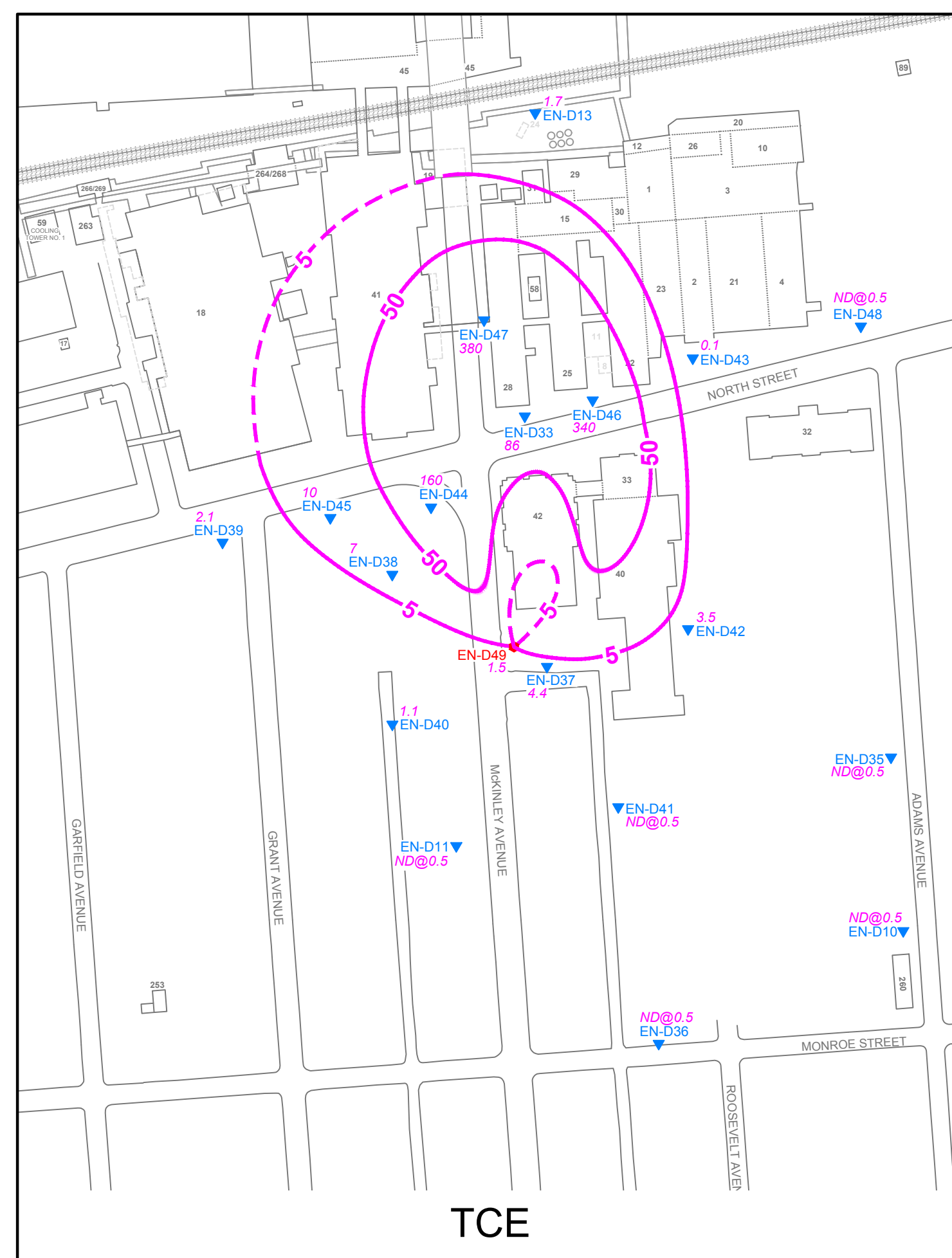
11-DCA



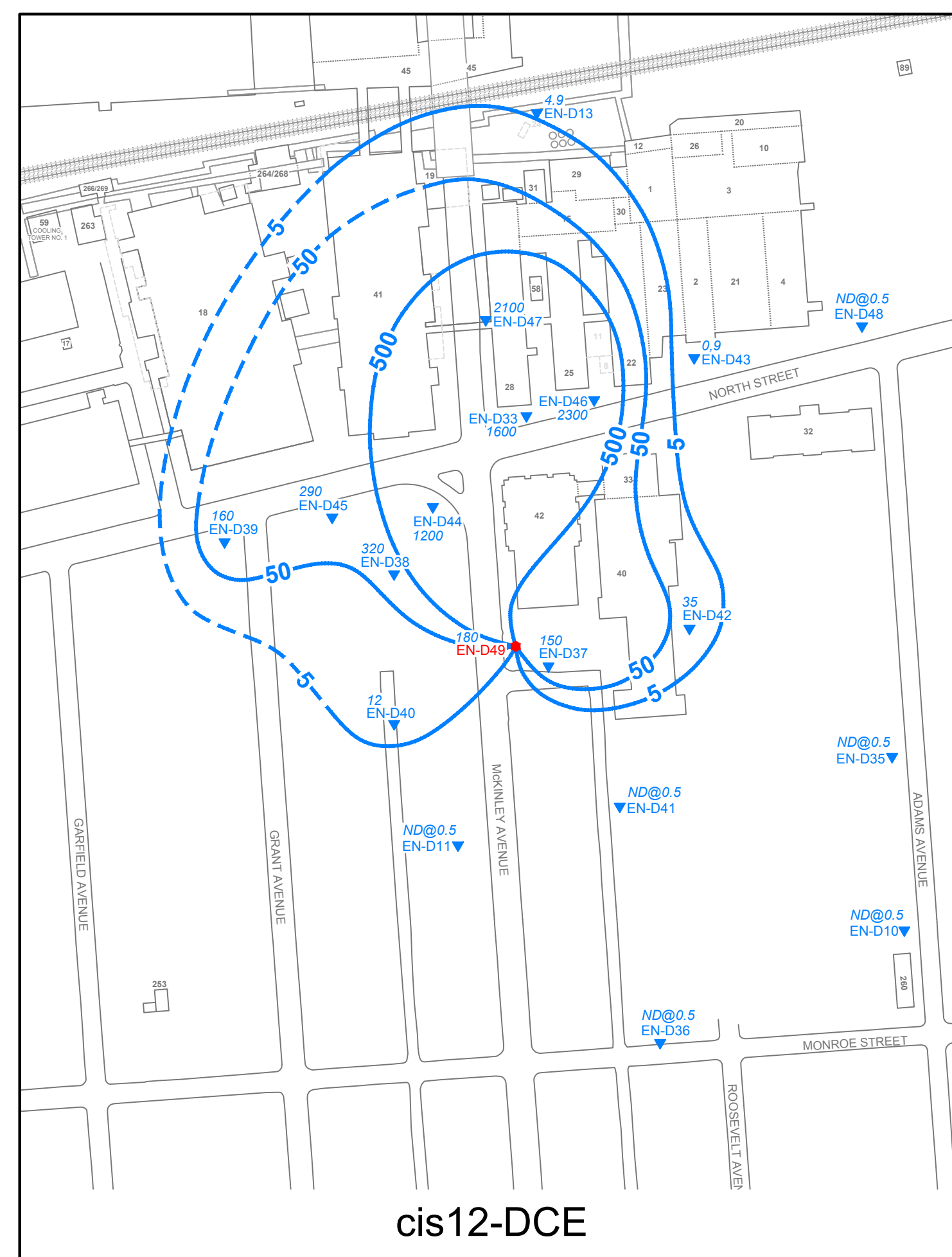
11-DCE



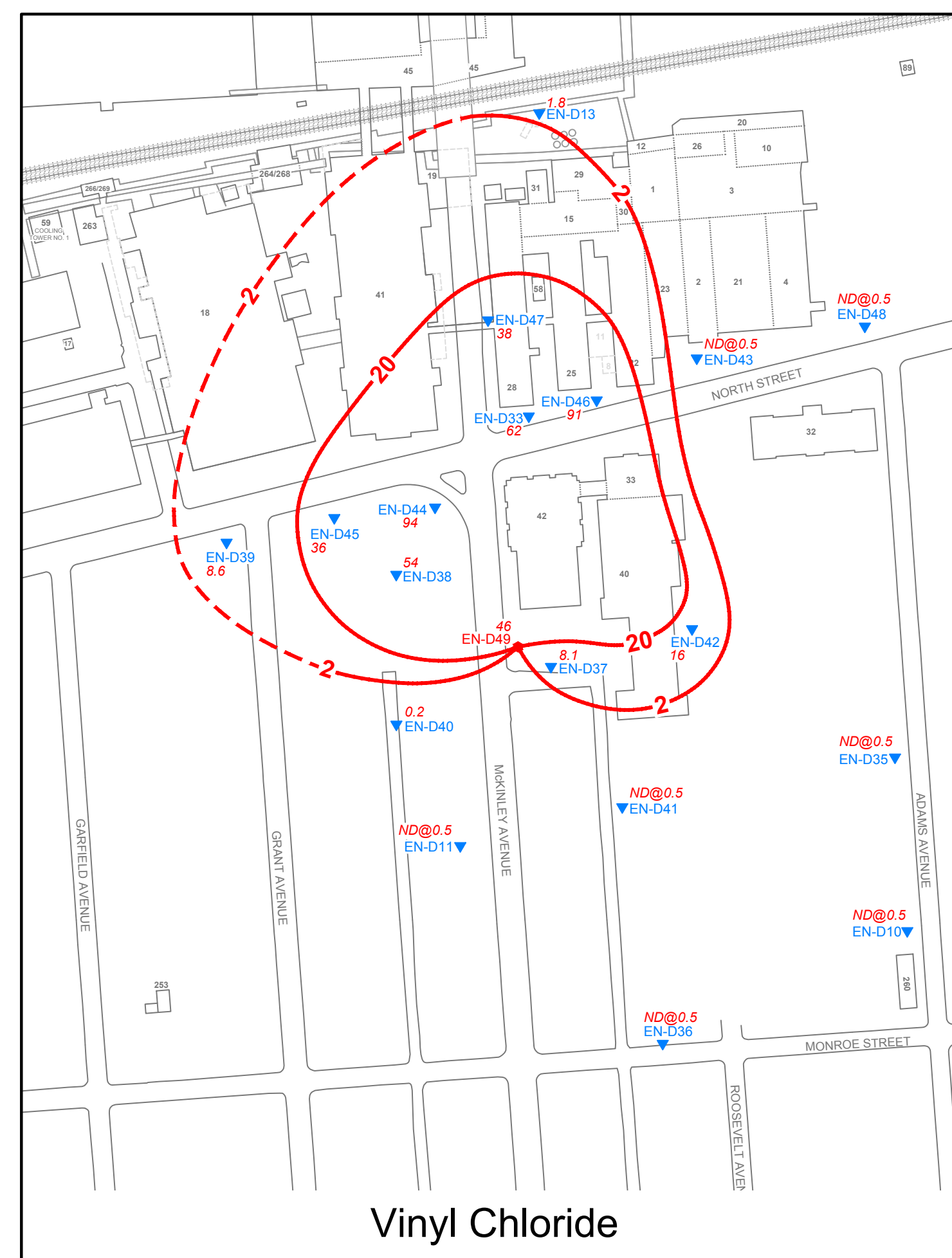
Chloroethane



TCE

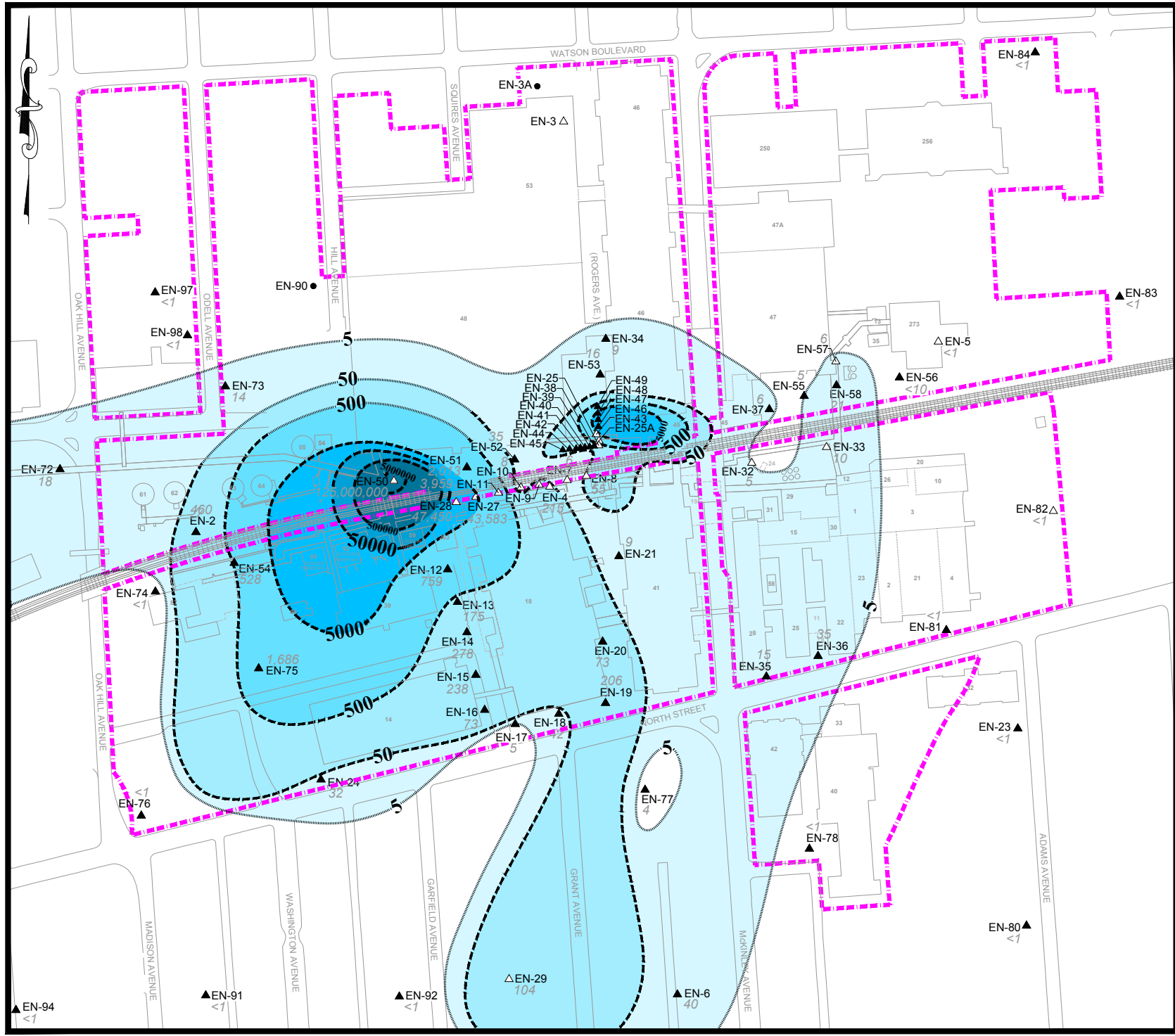


cis12-DCE

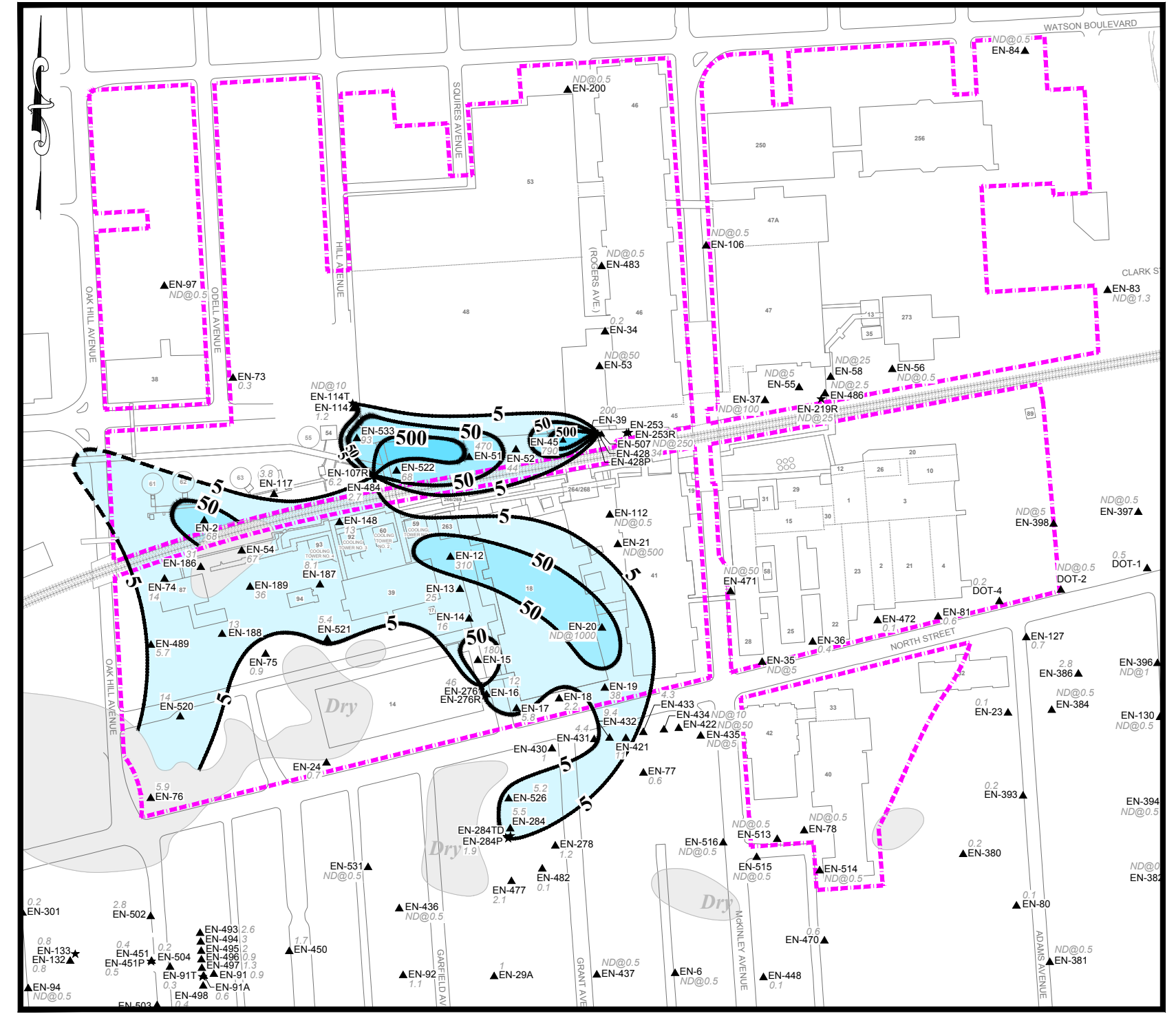


Vinyl Chloride

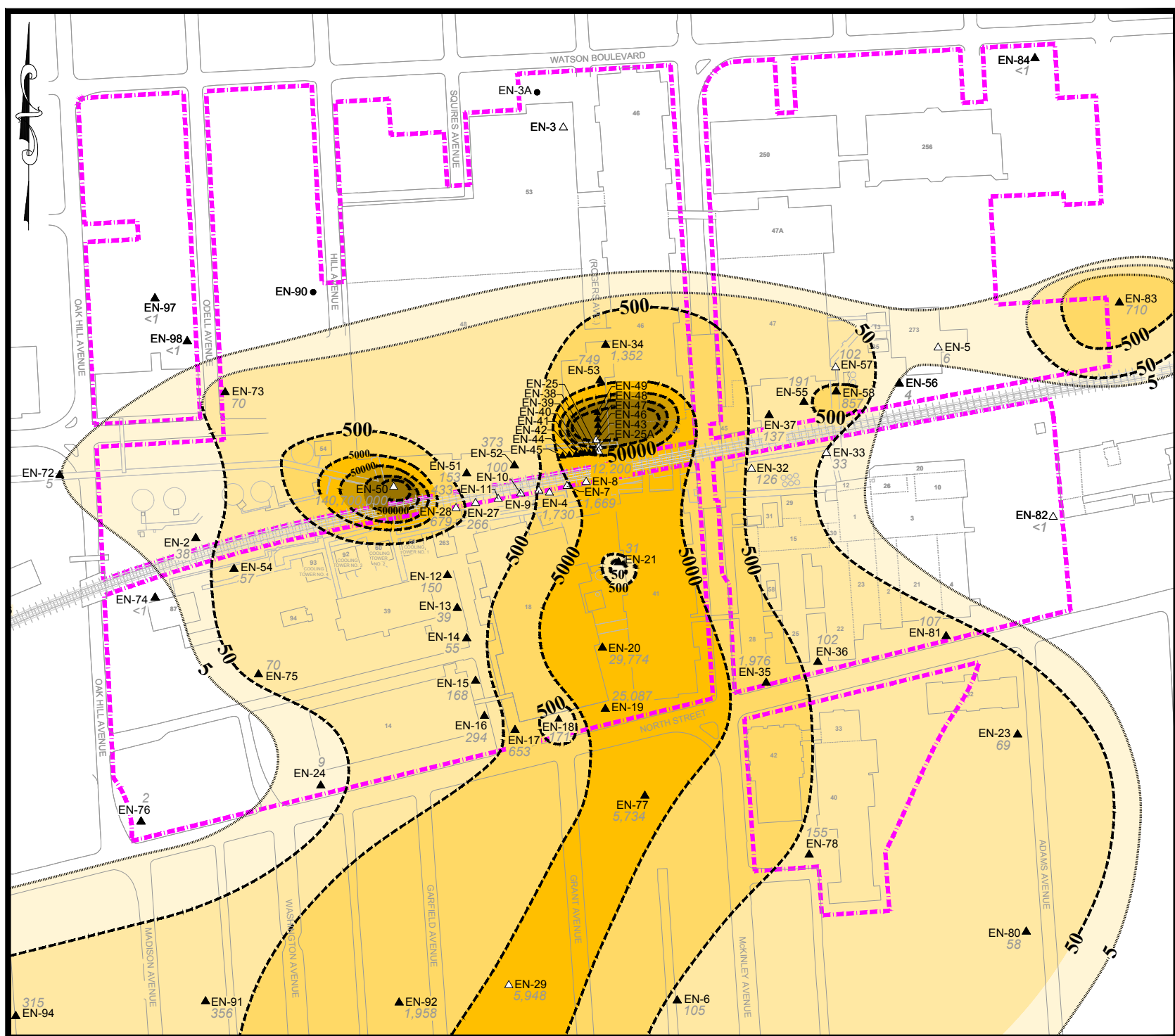
- LEGEND**
- ▼ - Bedrock Monitoring Well
  - - Bedrock Extraction Well
  - - Trichloroethene
  - - cis-1,2-Dichloroethene
  - - 111-Trichloroethane
  - - 11-DCA - 1,1-Dichloroethane
  - - 11-DCE - 1,1-Dichloroethene
  - - Constituent Concentration (µg/l)
  - 5 — - Constituent Isoconcentration Contour (µg/l; dashed where inferred)



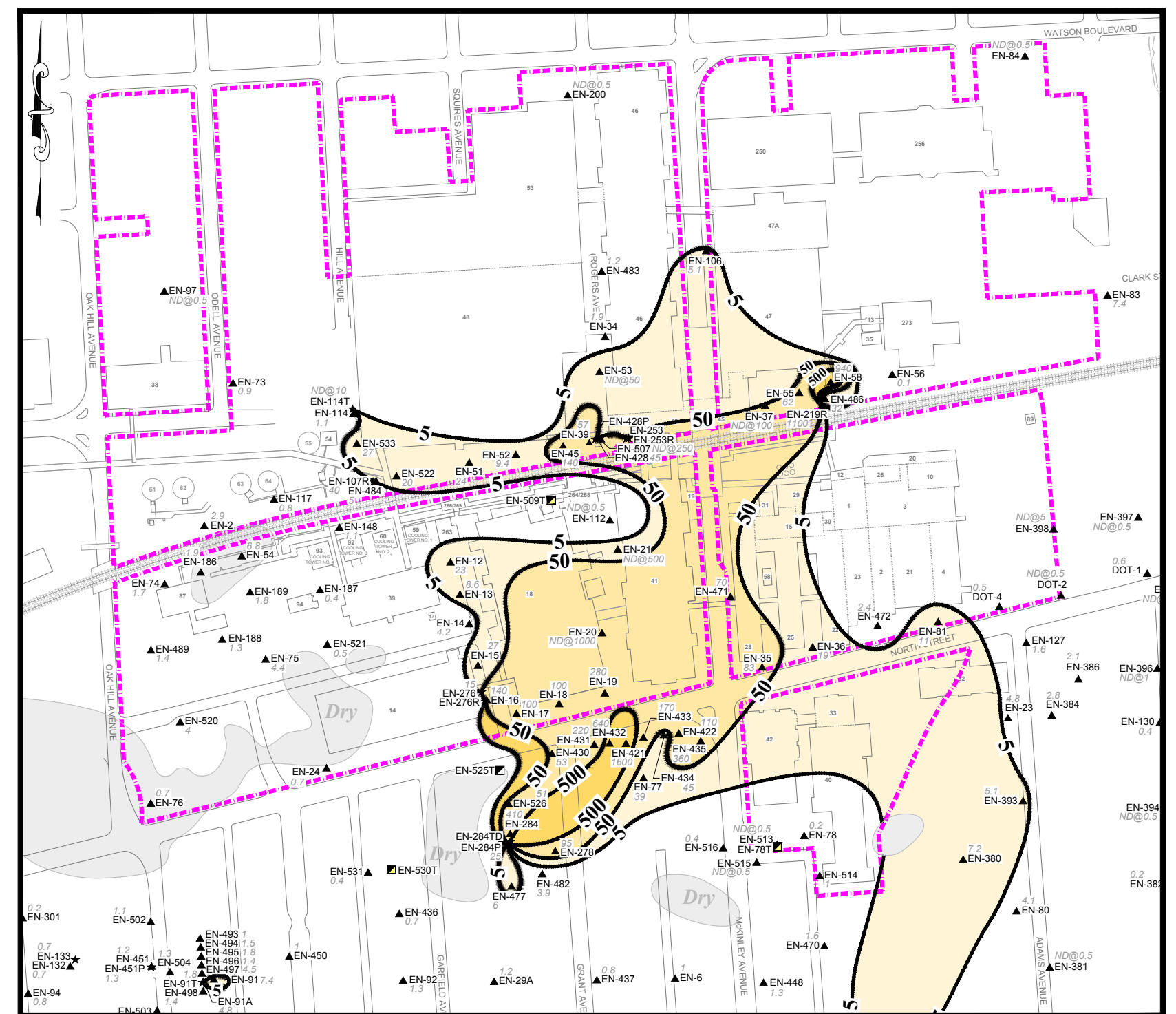
**PCE Isoconcentration Contour Map (September 1980)**



**PCE Isoconcentration Contour Map (November 2016)**



**TCE Isoconcentration Contour Map (September 1980)**



**TCE Isoconcentration Contour Map (November 2016)**



**TCA Isoconcentration Contour Map (September 1980)**



**TCA Isoconcentration Contour Map (November 2016)**

PCE CONCENTRATIONS	TCE CONCENTRATIONS	TCA CONCENTRATIONS
5 - 50 µg/l	5 - 50 µg/l	5 - 50 µg/l
50 - 500 µg/l	50 - 500 µg/l	50 - 500 µg/l
500 - 5,000 µg/l	500 - 5,000 µg/l	500 - 5,000 µg/l
5,000 - 50,000 µg/l	5,000 - 50,000 µg/l	5,000 - 50,000 µg/l
50,000 - 500,000 µg/l	50,000 - 500,000 µg/l	50,000 - 500,000 µg/l
Greater than 500,000 µg/l	Greater than 500,000 µg/l	Greater than 500,000 µg/l

LEGEND	
—	TCE - Trichloroethene
—	TCE Concentration Contour (µg/l, dashed where inferred)
—	ND - Not Detected (various detection limits)
—	TCA - 1,1,1-Trichloroethane
—	TCA Concentration Contour (µg/l, dashed where inferred)
—	ND - Not Detected (various detection limits)
—	PCE - Tetrachloroethene
—	PCE Isoconcentration Contour (µg/l, dashed where inferred)
—	ND - Not Detected (various detection limits)
—	Area of Unsaturated Soil in the Upper Aquifer
—	Operable Units #1 and #2
▲	Upper Aquifer Monitoring Well
△	Abandoned Upper Aquifer Monitoring Well
★	Upper Aquifer Extraction Well
✱	Inactive Upper Aquifer Extraction Well
■	Upper Aquifer Injection Well
●	Soil Boring

Plate 6-1

**Former IBM Endicott Site #704014**

Operable Units #1 and #2  
Temporal Variations in Upper Aquifer  
Chemistry, 1980 and 2016

DRAWN BY: MHM	DATE: 3/6/17	DRAWING NO.
CHECKED & APPROVED BY: RCW	2007_3up_1980-09_G1	

**GROUNDWATER SCIENCES CORPORATION**

## **APPENDIX A**

**Table A-1: Pumping Volumes for Groundwater Extraction and Injection Wells, 2016**

**Table A-2: Mass Removal Data for Volatile Organic Compounds, 2016**

**Table A-3: Groundwater Extraction Volumes by Remediation Area, 2005-2016**

**Table A-4: VOC Mass Removed in the Railroad Corridor Source Area, 2005-2016**

**Table A-5: Extraction Volumes in the North Street Area, 2003-2016**

**Table A-6: VOC Mass Removed in the North Street Area, 2003-2016**

**Table A-7: Injection Volumes in “Off-Site” Capture Zones A and B, 2009-2016**

**Table A-8: Extraction Volumes in “Off-Site” Capture Zones A and B, 2004-2016**

**Table A-9: VOC Mass Removed in “Off-Site” Capture Zones A and B, 2005-2016**

**Table A-1: Groundwater Pumping and Injection Volumes (gallons)  
Endicott, New York - Site #704014  
January 2016 to December 2016**

Period		OU#1 - RRCSA					OU#2 - North St Area			OU#3 & Off-Site Capture Zone A					
from	to	EN-107R	EN-114T	EN-219R	EN-253R	EN-428	EN-276R	EN-276	EN-284P	EN-091T	EN-133	EN-194	EN-215T	EN-447T	EN-451P
1-Jan-16	31-Jan-16	58,273	598,498	1,184,224	38,253	94,630	-	127,741	3,834,272	1,107,330	5,397,976	2,316,270	5,002,133	6,007,990	547,457
1-Feb-16	29-Feb-16	56,136	827,672	1,033,835	34,796	85,152	-	119,030	2,906,417	1,037,316	5,030,733	1,904,126	4,161,599	5,665,259	509,007
1-Mar-16	31-Mar-16	71,673	1,044,791	1,132,325	35,231	83,230	-	144,140	3,680,799	1,112,964	5,368,137	2,312,507	5,045,866	6,049,520	542,627
1-Apr-16	30-Apr-16	61,273	1,062,899	1,038,926	24,106	74,397	110,576	100,605	3,318,219	1,063,645	5,131,934	2,116,795	4,615,213	5,767,626	516,979
1-May-16	31-May-16	54,166	1,103,604	979,103	25,658	76,806	166,455	60,551	3,236,876	1,119,951	5,423,904	2,031,801	4,855,657	5,946,611	552,367
1-Jun-16	30-Jun-16	79,524	1,032,734	764,883	26,545	45,818	131,368	39,880	2,251,229	1,037,674	5,221,244	1,467,810	3,674,547	5,806,142	538,325
1-Jul-16	31-Jul-16	63,631	1,004,371	1,091,211	24,976	87,851	141,114	46,605	1,738,127	768,510	5,146,847	615,102	4,119,473	4,845,875	564,001
1-Aug-16	31-Aug-16	75,138	1,132,030	1,039,182	29,167	49,884	119,581	38,011	2,756,057	735,426	4,843,108	1,266,171	4,284,173	5,433,354	559,160
1-Sep-16	30-Sep-16	47,249	2,185,798	727,462	18,933	45,550	91,907	26,944	3,123,985	701,032	4,760,944	1,501,445	4,349,352	5,755,927	541,588
1-Oct-16	31-Oct-16	43,236	2,424,028	479,372	10,852	26,763	53,966	21,669	3,298,866	688,160	4,990,540	1,644,491	4,492,490	6,086,930	536,893
1-Nov-16	30-Nov-16	34,970	2,957,938	834,800	-	42,956	40,676	27,120	2,884,965	671,029	5,023,667	1,618,401	4,313,403	5,788,291	516,774
1-Dec-16	31-Dec-16	21,118	2,822,541	810,518	-	32,036	113,251	-	3,462,807	704,774	5,291,595	1,857,917	4,783,834	6,093,028	468,188
<b>12-Month Volume (gal)</b>		666,287	18,196,904	11,115,841	268,517	745,073	968,894	752,296	36,492,619	10,747,811	61,630,629	20,652,836	53,697,740	69,246,553	6,393,366
<b>*Average Rate (gpm)</b>		1.3	34.5	21.1	0.7	1.4	2.9	1.7	69.2	20.4	116.9	39.2	101.9	133.5	12.1

Period		OU#4	OU#5	OU#6
from	to	EN-491T	EN-709	EN-D49
1-Jan-16	31-Jan-16	1,251,245	390,109	1,115,783
1-Feb-16	29-Feb-16	1,161,806	368,941	1,051,908
1-Mar-16	31-Mar-16	1,239,542	395,888	1,100,087
1-Apr-16	30-Apr-16	1,181,137	367,725	1,061,475
1-May-16	31-May-16	1,238,076	378,757	980,217
1-Jun-16	30-Jun-16	1,186,976	377,392	1,080,674
1-Jul-16	31-Jul-16	1,202,853	378,249	1,036,164
1-Aug-16	31-Aug-16	1,175,687	378,263	949,770
1-Sep-16	30-Sep-16	1,163,200	382,221	1,010,667
1-Oct-16	31-Oct-16	1,229,536	388,879	1,029,345
1-Nov-16	30-Nov-16	1,195,578	373,973	1,079,621
1-Dec-16	31-Dec-16	1,222,802	376,529	1,086,888
<b>12-Month Volume (gal)</b>		14,448,438	4,556,926	12,582,599
<b>*Average Rate (gpm)</b>		27.4	8.6	23.9

\* Average Rate is based on full months of pumping only.

Period		Injection Wells							
from	to	EN-078T	EN-092P	EN-161T	EN-501T	EN-509T	EN-529T	EN-530T	EN-532T
1-Jan-16	31-Jan-16	1,709,671	974,197	5,152,965	2,996,045	310,144	5,722,463	1,837,020	6,737,051
1-Feb-16	29-Feb-16	1,683,753	637,468	4,949,566	1,313,375	245,418	3,865,583	1,175,437	6,300,958
1-Mar-16	31-Mar-16	1,782,626	940,926	5,232,927	2,598,772	245,939	5,743,276	1,732,195	6,690,430
1-Apr-16	30-Apr-16	1,713,564	784,071	5,040,858	2,004,283	223,274	4,858,060	1,482,255	6,350,781
1-May-16	31-May-16	1,596,962	657,375	4,945,478	1,201,061	213,027	4,211,587	1,341,005	6,655,021
1-Jun-16	30-Jun-16	1,675,839	94,939	5,002,376	227,007	201,900	769,328	190,096	6,438,506
1-Jul-16	31-Jul-16	1,225,198	44,140	2,138,170	-	179,185	338,024	80,141	6,348,895
1-Aug-16	31-Aug-16	1,231,574	713,911	4,215,918	12,703	41,664	5,294,827	1,500,949	6,061,816
1-Sep-16	30-Sep-16	1,512,008	891,110	5,321,855	163,654	-	5,616,549	1,762,791	5,923,482
1-Oct-16	31-Oct-16	1,723,175	867,125	5,902,464	785,647	-	5,615,872	1,744,105	6,119,416
1-Nov-16	30-Nov-16	1,588,276	690,066	5,528,826	211,102	-	4,252,909	1,274,782	6,093,083
1-Dec-16	31-Dec-16	1,784,624	944,554	6,020,576	824,259	-	5,812,184	1,820,198	6,299,924
<b>12-Month Volume (gal)</b>		19,227,270	8,239,882	59,451,979	12,337,908	1,660,551	52,100,662	15,940,974	76,019,363
<b>*Average Rate (gpm)</b>		38.3	19.2	121.3	44.3	5.5	121.0	37.2	144.2

**Volume Extracted from January 1, 2016 through December 31, 2016**

<b>Clark Street GTF</b>	33,796,554	Upper Aquifer Extraction Wells EN-219R, EN-253R, EN-428, EN-709, EN-114T (late Jan, Feb, late Mar through Dec)
<b>Huron OTF</b>	1,752,994	Upper Aquifer Extraction Well EN-107R, EN-114T (early Jan, early Mar)
<b>Garfield Avenue GTF</b>	112,564,385	Upper Aquifer Extraction Wells EN-194, EN-215T, EN-276, EN-276R, EN-284P
<b>Jefferson Avenue GTF</b>	78,771,806	Upper Aquifer Extraction Wells EN-91T, EN-133, EN-451P
<b>Adams Avenue GTF</b>	83,694,991	Upper Aquifer Extraction Wells EN-447T, EN-491T
<b>Adams Avenue GTF</b>	12,582,599	Bedrock Extraction Well EN-D49
<b>Total</b>	323,163,329	gallons (all wells)

**Volume Injected from January 1, 2016 through December 31, 2016**

	243,318,038	gallons (treated groundwater injected at EN-78T, EN-92P, EN-161T, EN-501T, EN-529T, EN-530T, and EN-532T)
	1,660,551	gallons (treated city water injected at EN-509T)
<b>Total</b>	244,978,589	gallons (all wells)











**Table A-2: Mass Removal Data for Volatile Organic Compounds  
Endicott, New York - Site #704014  
January 2016 to December 2016**

Location	Period	Chemical Concentrations (ug/l)											Volume Pumped (gallons)	Pounds of Chemicals Removed											Period	Location	Pounds Removed January - December 2016	
		Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Chloroethane	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	1,2-Dichloro-1,2,2-Trifluoroethane (Freon 123a)	Other VOCs		Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Chloroethane	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	1,2-Dichloro-1,2,2-Trifluoroethane (Freon 123a)	Other VOCs				Total VOCs Removed (pounds)
Clark St GTF	EN-709 Jan-16	0.0	19.0	7.4	0.3	0.2	2.0	1.5	0.0	380.0	53.0	0.0	390,109	0.00	0.06	0.02	0.00	0.00	0.01	0.00	0.00	1.24	0.17	0.00	1.51	Jan-16	Clark St GTF	16.8
	Feb-16	0.0	20.0	7.4	0.3	0.2	2.0	1.5	0.0	380.0	57.0	0.0	368,941	0.00	0.06	0.02	0.00	0.00	0.01	0.00	0.00	1.17	0.18	0.00	1.44	Feb-16		
	Mar-16	0.0	18.0	7.5	0.3	0.2	2.3	1.5	0.0	410.0	64.0	0.0	395,888	0.00	0.06	0.02	0.00	0.00	0.01	0.00	0.00	1.36	0.21	0.00	1.67	Mar-16		
	Apr-16	0.0	17.0	6.4	0.2	0.0	2.1	1.3	0.0	340.0	52.0	0.0	367,725	0.00	0.05	0.02	0.00	0.00	0.01	0.00	0.00	1.04	0.16	0.00	1.29	Apr-16		
	May-16	0.0	18.0	6.7	0.3	0.2	2.3	1.6	0.0	400.0	63.0	0.0	378,757	0.00	0.06	0.02	0.00	0.00	0.01	0.01	0.00	1.27	0.20	0.00	1.56	May-16		
	Jun-16	0.0	17.0	6.3	0.2	0.0	2.1	1.4	0.0	370.0	55.0	0.0	377,392	0.00	0.05	0.02	0.00	0.00	0.01	0.00	0.00	1.17	0.17	0.00	1.42	Jun-16		
	Jul-16	0.0	18.0	6.4	0.2	0.0	2.2	1.2	0.0	320.0	47.0	0.0	378,249	0.00	0.06	0.02	0.00	0.00	0.01	0.00	0.00	1.01	0.15	0.00	1.25	Jul-16		
	Aug-16	0.0	17.0	6.7	0.0	0.0	2.3	1.3	0.0	360.0	49.0	0.0	378,263	0.00	0.05	0.02	0.00	0.00	0.01	0.00	0.00	1.14	0.15	0.00	1.38	Aug-16		
	Sep-16	0.0	16.0	6.1	0.0	0.0	2.0	0.9	0.0	240.0	46.0	0.0	382,221	0.00	0.05	0.02	0.00	0.00	0.01	0.00	0.00	0.77	0.15	0.00	0.99	Sep-16		
	Oct-16	0.0	20.0	7.0	0.2	0.2	2.5	1.7	0.0	380.0	57.0	0.0	388,879	0.00	0.06	0.02	0.00	0.00	0.01	0.01	0.00	1.23	0.19	0.00	1.52	Oct-16		
	Nov-16	0.0	19.0	6.7	0.0	0.0	2.4	1.4	0.0	310.0	55.0	0.0	373,973	0.00	0.06	0.02	0.00	0.00	0.01	0.00	0.00	0.97	0.17	0.00	1.23	Nov-16		
Dec-16	0.0	19.0	5.4	0.0	0.6	2.3	1.6	0.0	420.0	53.0	0.0	376,529	0.00	0.06	0.02	0.00	0.00	0.01	0.01	0.00	1.32	0.17	0.00	1.58	Dec-16			
<b>Totals</b>													<b>323,163,329</b>	<b>3.7</b>	<b>111.9</b>	<b>383.4</b>	<b>50.7</b>	<b>1745.5</b>	<b>333.2</b>	<b>35.5</b>	<b>77.6</b>	<b>43.0</b>	<b>4.9</b>	<b>8.5</b>	<b>2798</b>			

Acetone and THF were not included in the mass removal calculations because these compounds are present in the materials used to repair and join pipe.  
Values in italics are estimated (i.e., a sample was not collected for that month)

**Table A-3: Groundwater Extraction Volumes (millions of gallons)  
by Remediation Area, 2005-2016**

<b>Area</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
"On-Site" Capture Zone (OU#1 and OU#7)	37.9	40.9	38.0	34.5	35.2	37.3	40.9	43.7	33.5	27.6	24.5	31.0
"Off-Site" Capture Zone A and North Street Area (OU#2 and MA-A)	72.2	104.6	84.7	75.7	101.3	170.1	223.7	239.4	241.7	284.9	284.0	260.6
"Off-Site" Capture Zone B (OU#4)	13.7	17.8	12.6	12.2	11.8	17.9	28.4	32.2	31.4	23.4	14.8	14.4
Building 57/57A (OU#5)	0.3	1.4	2.0	1.5	1.4	2.0	2.0	0.0	2.2	3.8	4.6	4.6
Bedrock Groundwater (OU#6)	10.9	11.3	25.1	18.0	12.6	12.7	12.3	12.6	12.6	12.2	12.8	12.6
<b>Total</b>	<b>135.0</b>	<b>176.0</b>	<b>162.4</b>	<b>141.9</b>	<b>162.3</b>	<b>240.0</b>	<b>307.3</b>	<b>327.9</b>	<b>321.4</b>	<b>351.9</b>	<b>340.7</b>	<b>323.2</b>

Well	Table A-4: VOC Mass Removed (pounds) in the Railroad Corridor Source Area, 2005-2016											
	2005	2006	2007	2008	2009	2010	2011	2012*	2013*	2014	2015	2016
EN-107	108	99	52	58	8							
EN-107R					36	32	48	47	34	15	10	12
EN-114T										96	107	225
EN-219	108	53										
EN-219R		1,052	2,053	1,759	2,318	1,850	1,359	1,673	2,244	1,494	1,832	1,623
EN-253	1,516	1,238	1,053	664	1,012	888	745	1,160	776	1,030	644	
EN-253R											438	356
EN-428	235		198	276	276	375	484	1,167	785	879	694	488
EN-428P	470	1,051	63									
<b>Total</b>	<b>2,437</b>	<b>3,493</b>	<b>3,418</b>	<b>2,758</b>	<b>3,649</b>	<b>3,145</b>	<b>2,636</b>	<b>4,047</b>	<b>3,839</b>	<b>3,514</b>	<b>3,726</b>	<b>2,704</b>
* Includes VOC mass removed by the temporary Huron standpipe.												

Well	Table A-5: Extraction Volumes (millions of gallons) in the North Street Area, 2003-2016													
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
EN-276	1.5	3.0	3.8	3.9	1.4	1.9	2.3	2.4	1.3 (6.5 mo.)	0.9 (8 mo.)	1.9	2.7	3.1	0.8 (11 mo.)
EN-276R	--	--	--	--	--	--	--	--	1.9 (5.5 mo.)	1.6	0.4 (5 mo.)	--	--	1.0 (9 mo.)
EN-284P and EN-284TD	--	11.4 (6 mo.)	15.3	12.3	7.6	7.6	10.3	19.6	31.0	30.9	32.5	39.9	45.7	36.5
<b>Subtotal</b>	<b>1.5</b>	<b>14.4</b>	<b>19.1</b>	<b>16.2</b>	<b>9.0</b>	<b>9.5</b>	<b>12.6</b>	<b>22.0</b>	<b>34.2</b>	<b>33.4</b>	<b>34.8</b>	<b>42.6</b>	<b>48.8</b>	<b>38.2</b>
EN-284P & EN-284TD (Estimated Plume Reduction)	--	-7.6	-7.6	-4.2	-1.9	-1.9	-4.6	-13.9	-25.3	-25.2	-26.7	-34.2	-40.0	-29.9
<b>Net Total Flux Control (estimated)</b>	<b>1.5</b>	<b>6.8</b>	<b>11.5</b>	<b>12.0</b>	<b>7.1</b>	<b>7.6</b>	<b>8.0</b>	<b>8.1</b>	<b>8.9</b>	<b>8.2</b>	<b>8.1</b>	<b>8.4</b>	<b>8.8</b>	<b>8.3</b>

**Table A-6: VOC Mass Removed (pounds) in the North Street Area, 2003-2016**

<b>by Remediation Area, 2005-2016</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
EN-276	22.6	65.5	60.4	24.4	7.9	5.1	7.5	6.7	3.7 (6.5 mo.)	36.3 (8 mo.)	12.7	13.3	4.7	5.3
EN-276R	--	--	--	--	--	--	--	--	31.1 (5.5 mo.)	134.0	31.0 (5 mo.)	--	--	14.2
EN-284P & EN-284TD	--	79.3 (6 mo.)	110.7	73.8	35.9	25.6	39.6	44.3	52.0	42.6	34.8	26.4	42.6	29.7
<b>Subtotal</b>	<b>22.6</b>	<b>144.8</b>	<b>171.1</b>	<b>98.2</b>	<b>43.8</b>	<b>30.7</b>	<b>47.1</b>	<b>51.0</b>	<b>86.8</b>	<b>212.9</b>	<b>60.0</b>	<b>39.7</b>	<b>47.3</b>	<b>49.2</b>
EN-284P (Estimated Plume Reduction)	--	-29.3	-10.7	-5.2	-1.1	-1.1	-12.3	-21.0	-23.7	-20.2	-15.8	-13.4	-14.0	-5.2
<b>Estimated Net Total Source/Flux Control</b>	<b>22.6</b>	<b>115.5</b>	<b>160.4</b>	<b>93.0</b>	<b>42.7</b>	<b>29.6</b>	<b>34.8</b>	<b>30.0</b>	<b>63.1</b>	<b>192.7</b>	<b>44.2</b>	<b>26.3</b>	<b>33.3</b>	<b>44.0</b>

**Table A-7: Injection Volumes (millions of gallons) in "Off-Site" Capture Zones A & B  
by Remediation Area, 2009-2016**

Plume Area Affected by Injection	Injection Well	2009	2010	2011	2012	2013	2014	2015	2016	Change in Volume Injected from 2015 to 2016
"Off-Site" Capture Zone A (Central Portion)	EN-92P	16.7 (8 mo.)	26.7	0.3 (3 days)	--	1.9 (4 mo.)	9.9	9.2	8.2	-7.5
	EN-529T	--	--	55.6	60.4	42.1	63.5	58.6	52.1	
"Off-Site" Capture Zone A (Western Portion, West of Washington Ave)	EN-510T	50.4	56.2	52.8	53.8	39.6 (10 mo.)	--	--	--	-2.8
	EN-532T	--	--	--	--	8.3 (2 mo.)	71.4	78.8	76	
"Off-Site" Capture Zone A (Southern Side, Top of Silt Trough)	EN-501T	--	14.4 (9 mo.)	25.3	40.9	36.4	26.9	26.8	12.3 (11 mo.)	-14.5
"Off-Site" Capture Zone A (NE Portion, east of EN-284P) & "Off-Site" Capture Zone B (Western Portion)	EN-78T	2.3 (2 mo.)	11.3	12.9	12.3	17.7	20.2	20.1	19.2	-0.9
"Off-Site" Capture Zone A (Eastern Side, Top of Silt Trough) & "Off-Site" Capture Zone B (Southern Portion)	EN-161T	--	7.1 (7 mo.)	14.3	34.6	50.5	62.4	62.2	59.4	-2.8
"Off-Site" Capture Zone A (NW Portion, west of EN-284P)	EN-530T	--	--	--	7.8 (5 mo.)	10.1	16.3	18.1	15.9	-2.2
	<b>Net Total Injection</b>	<b>69.4</b>	<b>115.7</b>	<b>161.2</b>	<b>209.8</b>	<b>206.6</b>	<b>270.6</b>	<b>273.8</b>	<b>243.1</b>	<b>-30.7</b>



**Table A-8: Extraction Volumes (millions of gallons) in "Off-Site" Capture Zones A & B  
by Remediation Area, 2004-2016**

Plume Area	Extraction Well(s)	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
"Off-Site" Capture Zone A West of Washington Avenue	EN-133, EN-451P, & EN-91T	29.4	32.5	30.9	19.4	18.1	37.4	47.7	61.2	66.5	58.9	76.6	82.7	78.8
"Off-Site" Capture Zone A South of North Street	EN-284P & EN-284TD	11.4 (6 mo.)	15.3	12.3	7.6	7.6	10.3	19.6	31.0	30.9	32.5	39.9	45.7	36.5
"Off-Site" Capture Zone A Top of Silt Trough	EN-215T, EN-447T, EN-499T, EN-92P, EN-120, EN-160, EN-194	16.2	20.7	57.5	56.3	48.1	51.3	100.5	128.3	139.5	148.0	165.7	152.5	143.6
"Off-Site" Capture Zone B	EN-185P, EN-195, EN-222 EN-491T & EN-492T	15.0	13.7	17.8	12.6	12.2	11.8	17.9	28.4	32.2	31.4	23.5	14.8	14.4
<b>Subtotal</b>		<b>72.0</b>	<b>82.2</b>	<b>118.5</b>	<b>95.8</b>	<b>86.0</b>	<b>110.8</b>	<b>185.6</b>	<b>249.0</b>	<b>269.1</b>	<b>270.8</b>	<b>305.7</b>	<b>295.7</b>	<b>273.3</b>
Source/Flux Control Crossing North Street (estimate*)	EN-284P	-3.8	-7.6	-8.1	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.8	-5.7	-5.7	-6.6
Ideal Cleaners Plume Flux Control* (estimated for 2010-2014)	EN-185P, EN-222 EN-492T	-9.0	-7.1	-8.1	-5.8	-5.8	-4.8	-6.7	-11.6	-11.6	-11.6	-8.6	-0.5	0.0
<b>Estimated Net Annual Extraction Volume</b>		<b>59.2</b>	<b>67.5</b>	<b>102.3</b>	<b>84.3</b>	<b>74.5</b>	<b>100.3</b>	<b>173.2</b>	<b>231.7</b>	<b>251.8</b>	<b>253.4</b>	<b>291.4</b>	<b>289.5</b>	<b>266.7</b>

\* Net from Table A-5 entries for well EN-284P & EN-284TD.

**Table A-9: VOC Mass Removed (pounds) in "Off-Site" Capture Zones A & B  
by Remediation Area, 2005-2016**

Plume Area	Wells	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
"Off-Site" Capture Zone A West of Washington Avenue	EN-133, EN-451P & EN-91T	18.4	8.7	2.2	1.6	4.8	6.1	6.4	6.8	5.0	2.5	1.6	1.4
"Off-Site" Capture Zone A South of North Street	EN-284P & EN-284TD*	10.7	5.2	1.1	1.1	12.3	21.0	23.7	20.2	15.8	13.4	14.0	5.2
"Off-Site" Capture Zone A Top of Silt Trough	EN-215T, EN-447T, EN-499T, EN-92P, EN-120, EN-160, EN-194	65.8	104.7	87.4	53.7	46.1	57.5	41.1	32.4	19.9	6.1	4.6	3.7
"Off-Site" Capture Zone B (western portion)	EN-195 & EN-491T	4.2	5.6	2.6	2.7	3.9	3.5	3.0	2.9	2.4	4.6	0.7	0.6
<b>Total</b>		<b>99.1</b>	<b>124.1</b>	<b>93.3</b>	<b>59.1</b>	<b>67.1</b>	<b>88.1</b>	<b>74.2</b>	<b>62.3</b>	<b>43.1</b>	<b>26.6</b>	<b>20.9</b>	<b>10.9</b>

\*Estimated portion attributable to plume reduction; see Table A-6 entries.

## **APPENDIX B**

**Table B-1: Physical Well Data and Well Specifications for Monitoring, Extraction, and Injection Wells**

**Table B-2: Specifications for Other Monitoring Wells**

**Table B-3: Annual Well Field Inspection Results**





B-1: Physical Well Data and Well Specifications

Endicott, New York

Site #704014

Table with columns: Well ID, Northing, Easting, G.S. Elevation, Current M.P. Elevation, Stickup, Surface Completion, Location Description, Installation Date, Drilled Depth, Casing Depth, Boring Diameter, Depth to Screen Top, Depth to Screen Bottom, Screen Length, Screen Diameter, Slot Size, Screen Material, Casing Diameter, Casing Material, Depth to Top of Silt, Well ID, Top of Silt Elevation, Unit. Rows include well IDs from EN-185P to EN-401.









B-1: Physical Well Data and Well Specifications

Endicott, New York

Site #704014

Table with 23 columns: Well ID, Northing, Easting, G.S. Elevation, Current M.P. Elevation, Stickup, Surface Completion, Location Description, Installation Date, Drilled Depth, Casing Depth, Boring Diameter, Depth to Screen Top, Depth to Screen Bottom, Screen Length, Screen Diameter, Slot Size, Screen Material, Casing Diameter, Casing Material, Depth to Top of Silt, Well ID, Top of Silt Elevation, Unit.

Notes:

Planar coordinates, measuring point elevations and ground surface elevations are based on the May 2003 comprehensive well field survey with subsequent followup surveys through December 2013

Coordinate base is New York State Central, NAD1983.

The coordinates and elevations for borings and wells that were abandoned before 2003 are estimated, where possible. These borings and wells are shaded gray on the table

Key:

- M.P./TOC = measuring point / top of casing (groundwater elevation reference point)
G.S. = ground surface
ft bgs = feet below ground surface
ft amsl = feet above mean sea level
SP = Standpipe surface completion
MH = Flush-mount manhole surface completion
PVC = Polyvinyl Chloride
LCS = Low carbon steel
SS = Stainless steel
BS = Bare steel
GS = Galvanized steel
OH = Open hole completion (no casing in bedrock)
NA = Data not available or not applicable
NE = Silt layer not encountered (silt may be present at greater depth)
Absent = Silt layer not present

## B-2: Physical Well Data and Specifications: Other Wells

Endicott, NY

Site #704014

Well ID	Northing	Easting	Current M.P. Elevation	G.S. Elevation	Stickup	Surface Completion	Location Description	Installation Date	Drilled Depth	Casing Depth	Boring Diameter	Depth to Screen Top	Depth to Screen Bottom	Screen Length	Screen Diameter	Slot Size	Screen Material	Casing Diameter	Casing Material	Depth to Top of Silt	Top of Silt Elevation	Unit
	(grid feet)	(grid feet)	(ft amsl)	(ft amsl)	(feet)				(ft bgs)	(ft bgs)	(in)	(ft bgs)	(ft bgs)	(ft)	(in)	(in)		(in)		(ft bgs)	(ft amsl)	
<b>Dye Injection Wells</b>																						
DI-1	767601.9	966083.1	849.06	849.3	-0.24	MH	E. side of Bldg 18, N. of North St.	17-Jan-07	22.0	20.0	8.0	15.0	20.0	5.0	2.0	0.020	PVC	2.0	PVC	20.0	829.3	Upper Aquifer
DI-2	767721.3	966062.2	848.32	848.6	-0.28	MH	E. side of Bldg 18, N. of North St.	18-Jan-07	24.0	23.2	8.0	18.2	23.2	5.0	2.0	0.020	PVC	2.0	PVC	23.2	825.4	Upper Aquifer
DI-3	767835.9	966043.0	848.48	846.9	-0.42	MH	Inside Bldg 18, in loading ramp E. of Elevator #24	22-Feb-07	24.0	21.0	2.5	16.0	21.0	5.0	1.0	0.020	PVC	1.0	PVC	21.0	825.9	Upper Aquifer
<b>Schapiro Site Wells</b>																						
RMJ-MW-1	766896.3	963748.0	843.41	844.1	-0.69	MH	Northeast side of Shapiro building, 709 North St.	08-Nov-04	34.0	34.0	8.0	19.0	34.0	15.0	2.0	0.020	PVC	2.0	PVC	NA	NA	Upper Aquifer
RMJ-MW-2	766899.5	963620.3	841.23	841.5	-0.27	MH	North side of Shapiro building, 709 North St.	09-Nov-04	32.0	31.0	8.0	16.0	31.0	15.0	2.0	0.020	PVC	2.0	PVC	NA	NA	Upper Aquifer
RMJ-MW-3	766731.4	963593.6	840.97	841.4	-0.43	MH	Southwest side of Shapiro building, 709 North St.	10-Nov-04	31.0	31.0	8.0	16.0	31.0	15.0	2.0	0.020	PVC	2.0	PVC	NA	NA	Upper Aquifer
RMJ-MW-4	766709.9	963713.3	843.32	843.6	-0.28	MH	Front (south side) of Shapiro building, 709 North St.	15-Feb-06	34.0	34.0	8.0	19.0	34.0	15.0	2.0	0.020	PVC	2.0	PVC	NA	NA	Upper Aquifer
RMJ-MW-5	766814.1	963516.2	838.79	839.2	-0.41	MH	West of Shapiro bldg, north of former Keytronics bldg	16-Feb-06	32.0	32.0	8.0	17.0	32.0	15.0	2.0	0.020	PVC	2.0	PVC	NA	NA	Upper Aquifer
RMJ-MW-6	766589.0	963443.7	839.69	840.0	-0.31	MH	Front (south side) of former Keytronics bldg	17-Feb-06	44.0	30.0	8.0	15.0	30.0	15.0	2.0	0.020	PVC	2.0	PVC	NA	NA	Upper Aquifer

**Key:**

M.P./TOC = measuring point / top of casing (groundwater elevation reference point)  
 G.S. = ground surface  
 ft bgs = feet below ground surface  
 ft amsl = feet above mean sea level  
 SP = Standpipe surface completion  
 MH = Flush-mount manhole surface completion  
 PVC = Polyvinyl Chloride  
 LCS = Low carbon steel  
 SS = Stainless steel  
 DS = Dure steel  
 GS = Galvanized steel  
 OH = Open hole completion (no casing in bedrock)  
 NA = Data not available or not applicable  
 NE = Silt layer not encountered (silt may be present at greater depth)  
 Absent = Silt layer not present

**Table B-3: 2016 Well Field Inspection Results**

Well ID	Surface Completion	2016-DTB	Diameter (in)	Ref. Pt. Visible?	Well Tag Readable?	Well Paint Color/Condition	Royer Cap Size	Sanitary Seal Condition	Ded. Equip. Type	Well Problems
EN-002	Standpipe	17.22	2.0	Yes	No	Yellow	10 3/4"	Good	3' Bailer	
EN-006	Standpipe	35.84	4.0	Yes	Yes	Yellow	10 3/4"	Good		
EN-012	Standpipe	27.46	4.0	Yes	No	Yellow	10 3/4"	Good	2" SP	
EN-013	Standpipe	24.15	4.0	Yes	Yes	Yellow	10 3/4"	Good	3' Bailer	
EN-014	Standpipe	26.01	4.0	Yes	Yes	Yellow	10 3/4"	Good	4' Bailer	
EN-015	Standpipe	32.75	4.0	Yes	Yes	Yellow	10 3/4"	Good	2" SP	
EN-016	Standpipe	31.59	4.0	Yes	Yes	Brown	10 3/4"	Good	2" SP	
EN-017	Standpipe	27.93	4.0	Yes	Yes	Brown	10 3/4"	Good	3' Bailer	
EN-017A	Manhole	22.80	2.0	Yes	Yes			Good		
EN-018	Standpipe	25.58	4.0	Yes	Yes	Brown	10 3/4"	Good	3' Bailer	
EN-019	Standpipe	25.86	4.0	Yes	Yes	Brown	10 3/4"	Good		
EN-020	Standpipe	24.65	4.0	Yes	Yes	Yellow	10 3/4"	Good	3' Bailer	
EN-020A	Manhole	19.12	2.0	Yes	Yes			Good		
EN-021	Standpipe	23.08	4.0	Yes	No	Yellow	10 3/4"	Good	4' Bailer	
EN-022	Standpipe	23.77	2.0	Yes	Yes	Green	10 3/4"	Good		
EN-023	Standpipe	26.82	4.0	Yes	Yes	Yellow	10 3/4"	Good	2" SP	
EN-024	Standpipe	25.91	4.0	Yes	Yes	Brown	10 3/4"	Good	PP	
EN-025A	Manhole	13.05	2.0	Yes	Yes			Good		
EN-026	Standpipe	22.36	4.0	Yes	Yes	Yellow	10 3/4"	Good	PDB	
EN-029A	Manhole	35.92	4.0	Yes	Yes			Good	4' Bailer	
EN-030	Manhole	45.48	4.0	Yes	Yes			Good	PDB	
EN-034	Standpipe	23.94	4.0	Yes	Yes	Yellow	10 3/4"	Good	2" SP	
EN-035	Standpipe	31.22	4.0	Yes	Yes	Brown	10 3/4"	Good	2" SP	
EN-036	Standpipe	30.71	4.0	Yes	No	Brown	10 3/4"	Good	2" SP	
EN-037	Manhole	24.74	4.0	Yes	Yes			Good	2" SP	
EN-038	Manhole	14.93	4.0	Yes	Yes			Good		
EN-039	Manhole	15.64	4.0	Yes	Yes			Good	4' Bailer	
EN-040	Manhole	15.61	4.0	Yes	Yes			Good		
EN-041	Manhole	13.48	4.0	Yes	Yes			Good		
EN-042	Manhole	13.52	4.0	Yes	Yes			Good		Replace MH Lid/Spindle
EN-044	Manhole	13.12	4.0	Yes	Yes			Good		
EN-045	Manhole	13.34	4.0	Yes	Yes			Good	4' Bailer	
EN-046	Manhole	13.62	4.0	Yes	Yes			Replace		Reset Manhole, Needs lock
EN-047	Manhole	12.86	4.0	Yes	No			Replace		Reset Manhole, Replace Plug, Needs lock
EN-048	Manhole	13.79	4.0	Yes	No			Replace		Reset Manhole, Replace Plug, Needs lock
EN-049	Manhole	18.83	4.0	Yes	Yes			Good		
EN-051	Standpipe	14.03	4.0	Yes	No	Yellow	10 3/4"	Good	3' Bailer	
EN-052	Standpipe	14.42	4.0	Yes	Yes	Yellow	10 3/4"	Good	3' Bailer	
EN-053	Manhole	19.94	4.0	Yes	Yes			Good	2" SP	
EN-054	Standpipe	27.01	4.0	Yes	Yes	Yellow	10 3/4"	Good	3' Bailer	
EN-055	Manhole	26.82	4.0	Yes	Yes			Good	2" SP	
EN-056	Manhole	22.22	4.0	Yes	Yes			Good	PDB	
EN-058	Standpipe	27.03	4.0	Yes	No	Yellow	10 3/4"	Good	2" SP	

**Table B-3: 2016 Well Field Inspection Results**

Well ID	Surface Completion	2016-DTB	Diameter (in)	Ref. Pt. Visible?	Well Tag Readable?	Well Paint Color/Condition	Royer Cap Size	Sanitary Seal Condition	Ded. Equip. Type	Well Problems
EN-060	Standpipe	27.69	2.0	Yes	No	Brown	10 3/4"	Good		
EN-062	Standpipe	27.03	4.0	Yes	Yes	Yellow	10 3/4"	Good	3' Bailer	
EN-064	Standpipe	24.41	4.0	Yes	No	Yellow	10 3/4"	Good		
EN-065	Standpipe	40.55	2.0	Yes	No	Brown	10 3/4"	Good	4' Bailer	
EN-066	Manhole	38.37	4.0	Yes	Yes			Good	PDB	Weedwack Area
EN-067	Standpipe	28.25	4.0	Yes	Yes	Yellow	10 3/4"	Good	PDB	
EN-069	Standpipe	23.92	2.0	Yes	Yes	Brown	10 3/4"	Good	PDB	
EN-070	Standpipe	18.86	2.0	Yes	Yes	Yellow	10 3/4"	Good	PDB	
EN-072	Standpipe	24.10	2.0	Yes	Yes	Brown	10 3/4"	Good	PDB	
EN-073	Standpipe	17.15	2.0	Yes	Yes	Yellow	10 3/4"	Good	PDB	
EN-074	Standpipe	28.00	2.0	Yes	Yes	Yellow	10 3/4"	Good	PDB	
EN-075	Standpipe	27.02	4.0	Yes	No	Yellow	10 3/4"	Good	3' Bailer	
EN-076	Standpipe	30.01	4.0	Yes	No	Yellow	10 3/4"	Good	3' Bailer	
EN-077	Standpipe	30.03	4.0	Yes	Yes	Yellow	10 3/4"	Good	3' Bailer	
EN-078	Standpipe	29.48	4.0	Yes	Yes	Yellow	10 3/4"	Good	4' Bailer	
EN-079	Standpipe	34.69	2.0	Yes	No	Brown	10 3/4"	Good		
EN-080	Manhole	25.56	2.0	Yes	Yes			Replace	3' Bailer	
EN-081	Standpipe	32.50	4.0	Yes	No	Brown	10 3/4"	Good	2" SP	
EN-083	Standpipe	15.29	2.0	Yes	Yes	Yellow	10 3/4"	Good	PDB	
EN-084	Standpipe	16.51	2.0	Yes	Yes	Yellow	10 3/4"	Good	PDB	
EN-086	Manhole	15.86	2.0	Yes	Yes			Good		
EN-087	Manhole	28.27	2.0	Yes	No			Good	4' Bailer	
EN-091	Manhole	39.33	4.0	Yes	No			Good	2" SP	
EN-091A	Manhole	35.58	2.0	Yes	Yes			Good		
EN-092	Standpipe	38.88	4.0	Yes	Yes	Yellow	10 3/4"	Good	2" SP	
EN-092A	Manhole	34.55	2.0	Yes	Yes			Good		
EN-093	Standpipe	37.10	4.0	Yes	Yes	Yellow	10 3/4"	Good	4' Bailer	
EN-094	Standpipe	39.96	4.0	Yes	No	Brown	10 3/4"	Good	2" SP	
EN-095	Standpipe	55.46	4.0	Yes	Yes	Brown	10 3/4"	Good		
EN-096	Standpipe	42.14	2.0	Yes	No	Brown	10 3/4"	Good	5" Bailer	Weedwack Area
EN-097	Manhole	15.65	2.0	Yes	Yes			Good	PDB	
EN-099	Manhole	31.92	2.0	Yes	Yes			Good		
EN-100	Manhole	30.02	2.0	Yes	Yes			Good		
EN-102	Manhole	31.91	2.0	Yes	Yes			Good		Needs Lock, Stamp Manhole
EN-103	Manhole	33.08	2.0	Yes	Yes			Good		
EN-104	Standpipe	72.87	4.0	Yes	No	Brown	10 3/4"	Good		Needs Lock
EN-105	Standpipe	15.65	4.0	Yes	Yes	Brown	10 3/4"	Good	PDB	
EN-106	Standpipe	41.56	4.0	Yes	No	Brown	10 3/4"	Good	PDB	
EN-107A	Manhole	13.85	2.0	Yes	Yes			Good		
EN-111	Manhole	22.45	4.0	Yes	Yes			Good		
EN-112	Manhole	21.80	4.0	Yes	Yes			Good	3' Bailer	
EN-113	Manhole	20.89	4.0	Yes	Yes			Good		
EN-114	Manhole	20.36	4.0	Yes	Yes			Good	2" SP	

**Table B-3: 2016 Well Field Inspection Results**

Well ID	Surface Completion	2016-DTB	Diameter (in)	Ref. Pt. Visible?	Well Tag Readable?	Well Paint Color/Condition	Royer Cap Size	Sanitary Seal Condition	Ded. Equip. Type	Well Problems
EN-117	Standpipe	21.77	4.0	Yes	Yes	Yellow	10 3/4"	Good	PDB	
EN-119A	Manhole	21.64	2.0	Yes	Yes			Good		Replace Manhole Lid/Spindle
EN-121	Standpipe	19.67	2.0	Yes	Yes	Brown	10 3/4"	Good		
EN-122	Standpipe	14.77	2.0	Yes	Yes	Brown	10 3/4"	Good	PDB	
EN-123	Standpipe	22.01	2.0	Yes	Yes	Brown	10 3/4"	Good		
EN-125	Standpipe	41.61	2.0	Yes	Yes	Brown	10 3/4"	Good		
EN-126	Standpipe	37.35	2.0	Yes	No	Brown	10 3/4"	Good	3' Bailer	
EN-127	Manhole	22.82	2.0	Yes	Yes			Good	4' Bailer	
EN-129	Manhole	24.05	2.0	Yes	Yes			Good	3' Bailer	
EN-130	Manhole	31.27	2.0	Yes	Yes			Good	4' Bailer	
EN-131	Standpipe	45.80	2.0	Yes	No	Brown	10 3/4"	Good		
EN-132	Manhole	39.32	2.0	Yes	Yes			Good		
EN-146	Standpipe	22.82	8.0	Yes	No	Brown	10 3/4"	Good		
EN-148	Standpipe	26.94	4.0	Yes	No	Yellow	10 3/4"	Good	PDB	
EN-149	Standpipe	27.18	4.0	Yes	Yes	Brown	10 3/4"	Good		Weedwack Area
EN-150	Standpipe	47.18	2.0	Yes	Yes	Brown	10 3/4"	Good	5' Bailer	Weedwack Area
EN-151	Standpipe	48.32	2.0	Yes	Yes	Brown	10 3/4"	Good		Weedwack Area
EN-152	Standpipe	24.16	4.0	Yes	Yes	Brown	10 3/4"	Good	2" SP	Weedwack Area
EN-153	Standpipe	23.98	4.0	Yes	Yes	Yellow	10 3/4"	Good		
EN-154B	Standpipe	46.37	2.0	Yes	Yes	Brown	6 5/8"	Good		Weedwack Area
EN-156	Standpipe	38.05	2.0	Yes	No	Yellow	10 3/4"	Good		
EN-157	Standpipe	44.13	2.0	Yes	Yes	Yellow	10 3/4"	Good		
EN-158	Standpipe	33.34	2.0	Yes	Yes	Yellow	10 3/4"	Good		
EN-161	Standpipe	32.46	2.0	Yes	Yes	Brown	10 3/4"	Good		
EN-162	Standpipe	42.72	2.0	Yes	Yes	Brown	10 3/4"	Good		
EN-163	Standpipe	43.37	2.0	Yes	Yes	Brown	10 3/4"	Good		
EN-164	Standpipe	20.92	4.0	Yes	Yes	Yellow	10 3/4"	Good		Weedwack Area
EN-165	Standpipe	24.67	4.0	Yes	Yes	Yellow	10 3/4"	Good		
EN-166	Standpipe	21.90	4.0	Yes	Yes	Yellow	10 3/4"	Good	PDB	
EN-167	Manhole	15.57	2.0	Yes	Yes			Good		
EN-170	Standpipe	33.42	2.0	Yes	Yes	Brown	10 3/4"	Good	3' Bailer	
EN-173	Manhole	29.84	2.0	Yes	Yes			Good	3' Bailer	
EN-174	Standpipe	33.40	2.0	Yes	No	Brown	10 3/4"	Good	3' Bailer	
EN-175	Manhole	NA	NA	Yes	Yes			NA		
EN-176	Standpipe	27.93	4.0	Yes	Yes	Yellow	10 3/4"	Good	4' Bailer	Weedwack Area
EN-177	Standpipe	18.68	4.0	Yes	Yes	Yellow	10 3/4"	Good	4' Bailer	
EN-178	Standpipe	40.90	2.0	Yes	Yes	Brown	10 3/4"	Good		Weedwack Area
EN-179	Manhole	22.12	2.0	Yes	Yes			Good		
EN-180	Manhole	33.06	2.0	Yes	Yes			Good		
EN-182	Standpipe	30.17	2.0	Yes	Yes	Brown	10 3/4"	Good		
EN-183	Standpipe	30.27	2.0	Yes	No	Brown	10 3/4"	Good		
EN-184	Standpipe	16.62	2.0	Yes	Yes	Yellow	6 5/8"	Good		
EN-186	Standpipe	26.40	2.0	Yes	Yes	Yellow	10 3/4"	Good	3' Bailer	

**Table B-3: 2016 Well Field Inspection Results**

Well ID	Surface Completion	2016-DTB	Diameter (in)	Ref. Pt. Visible?	Well Tag Readable?	Well Paint Color/Condition	Royer Cap Size	Sanitary Seal Condition	Ded. Equip. Type	Well Problems
EN-187	Standpipe	30.83	2.0	Yes	Yes	Yellow	10 3/4"	Good	PDB	
EN-188	Manhole	25.37	2.0	Yes	Yes			Replace	PDB	Reset Manhole
EN-189	Standpipe	26.68	2.0	Yes	Yes	Yellow	10 3/4"	Good	PDB	
EN-190	Standpipe	35.28	2.0	Yes	Yes	Yellow	10 3/4"	Good		
EN-191A	Manhole	37.70	2.0	Yes	Yes			Good		
EN-192	Standpipe	35.01	2.0	Yes	No	Brown	10 3/4"	Good		
EN-193	Standpipe	34.74	2.0	Yes	Yes	Brown	10 3/4"	Good		
EN-200	Standpipe	22.36	4.0	Yes	Yes	Brown	10 3/4"	Good	PDB	
EN-202	Standpipe	49.14	4.0	Yes	Yes	Brown	10 3/4"	Good		
EN-203	Standpipe	37.44	4.0	Yes	Yes	Yellow	10 3/4"	Good	2" SP	
EN-204	Standpipe	58.74	4.0	Yes	No	Brown	10 3/4"	Good	2" SP	
EN-206	Standpipe	50.12	4.0	Yes	No	Brown	10 3/4"	Good	2" SP	
EN-207	Standpipe	47.61	4.0	Yes	Yes	Brown	10 3/4"	Good	3' Bailer	
EN-208A	Manhole	36.70	2.0	Yes	Yes			Good		
EN-210	Standpipe	45.03	4.0	Yes	No	Brown	10 3/4"	Good	4' Bailer	
EN-211	Standpipe	19.88	4.0	Yes	Yes	Brown	10 3/4"	Good	PDB	
EN-213A	Manhole	39.92	2.0	Yes	Yes			Good		
EN-214A	Manhole	37.01	2.0	Yes	Yes			Good		
EN-214B	Manhole	49.08	2.0	Yes	Yes			Good		
EN-215A	Manhole	33.21	2.0	Yes	Yes			Good		
EN-215B	Manhole	41.35	2.0	Yes	Yes			Good		
EN-215W	Manhole	50.63	2.0	Yes	Yes			Good		
EN-217A	Manhole	41.88	2.0	Yes	Yes			Good		
EN-276A	Manhole	26.47	2.0	Yes	Yes			Good		
EN-277	Standpipe	20.14	2.0	Yes	No	Yellow	8 3/4"	Good		
EN-278	Standpipe	35.35	2.0	Yes	Yes	Yellow	8 3/4"	Good		
EN-279	Standpipe	28.66	2.0	Yes	Yes	Yellow	8 3/4"	Good		
EN-284	Standpipe	59.52	2.0	Yes	Yes	Yellow	8 3/4"	Good		
EN-301	Manhole	34.08	2.0	Yes	Yes			Good		
EN-302	Manhole	15.45	2.0	Yes	Yes			Good	PP	
EN-304	Manhole	22.94	2.0	Yes	Yes			Good	3' Bailer	
EN-306A	Manhole	22.14	2.0	Yes	Yes			Replace		
EN-306B	Manhole	42.40	2.0	Yes	Yes			Good		
EN-307	Manhole	24.41	2.0	Yes	Yes			Good		
EN-308	Manhole	38.22	2.0	Yes	Yes			Good		
EN-309A	Manhole	35.50	2.0	Yes	Yes			Good		
EN-309B	Manhole	62.90	2.0	Yes	Yes			Good		
EN-309C	Manhole	89.80	2.0	Yes	Yes			Good		
EN-310	Manhole	28.14	2.0	Yes	Yes			Good		
EN-311	Manhole	45.00	2.0	Yes	Yes			Good		
EN-380	Manhole	22.22	2.0	Yes	Yes			Good	PP	
EN-381	Manhole	24.17	2.0	Yes	Yes			Good		
EN-382	Manhole	29.44	2.0	Yes	Yes			Good	PP	

**Table B-3: 2016 Well Field Inspection Results**

Well ID	Surface Completion	2016-DTB	Diameter (in)	Ref. Pt. Visible?	Well Tag Readable?	Well Paint Color/Condition	Royer Cap Size	Sanitary Seal Condition	Ded. Equip. Type	Well Problems
EN-384	Manhole	23.93	2.0	Yes	Yes			Good		
EN-385	Manhole	21.14	2.0	Yes	Yes			Good		
EN-386	Manhole	23.00	2.0	Yes	Yes			Good	PP	
EN-387A	Standpipe	34.44	2.0	Yes	Yes	Brown	4 1/2"	Good	3' Bailer	
EN-392R	Manhole	20.85	2.0	Yes	No			Good	PP	
EN-393	Manhole	22.55	2.0	Yes	Yes			Good	3' Bailer	
EN-394	Manhole	26.05	2.0	Yes	Yes			Good	3' Bailer	Replace MH Lid/Spindle
EN-395	Manhole	23.66	2.0	Yes	Yes			Good	3' Bailer	
EN-396	Manhole	24.05	2.0	Yes	Yes			Good	3' Bailer	
EN-397	Manhole	19.90	2.0	Yes	Yes			Good	PDB	
EN-398	Manhole	18.24	2.0	Yes	Yes			Good	PP	
EN-399	Manhole	18.81	2.0	Yes	Yes			Good	PP	
EN-400A	Manhole	26.71	2.0	Yes	Yes			Good		
EN-400B	Manhole	46.93	2.0	Yes	Yes			Good		
EN-401	Manhole	39.20	2.0	Yes	Yes			Good		
EN-401W	Manhole	45.46	2.0	Yes	Yes			Good		
EN-402	Manhole	39.28	2.0	Yes	Yes			Good		
EN-403	Manhole	40.78	2.0	Yes	Yes			Good		
EN-404	Manhole	33.34	2.0	Yes	Yes			Good		
EN-405	Manhole	35.69	2.0	Yes	Yes			Good		
EN-406	Manhole	36.98	2.0	Yes	Yes			Good		
EN-407A	Manhole	23.72	2.0	Yes	Yes			Good		
EN-407B	Manhole	43.80	2.0	Yes	Yes			Good		
EN-408	Manhole	27.55	2.0	Yes	Yes			Good		
EN-409	Manhole	13.66	2.0	Yes	Yes			Good	PDB	
EN-411	Manhole	9.58	2.0	Yes	Yes			Good		
EN-412A	Manhole	39.65	2.0	Yes	Yes			Good		
EN-412B	Manhole	58.26	2.0	Yes	Yes			Good		
EN-413	Manhole	52.16	2.0	Yes	Yes			Good		
EN-414	Manhole	44.44	2.0	Yes	Yes			Good		
EN-415	Manhole	40.77	2.0	Yes	Yes			Good		
EN-416A	Manhole	20.01	2.0	Yes	Yes			Good		
EN-416B	Manhole	39.40	2.0	Yes	Yes			Good		
EN-417A	Manhole	22.76	2.0	Yes	Yes			Good		Replace Manhole Lid/Spindle
EN-417B	Manhole	45.74	2.0	Yes	Yes			Good		
EN-417C	Manhole	65.42	2.0	Yes	Yes			Good		Replace Manhole Lid/Spindle
EN-418	Manhole	23.78	2.0	Yes	Yes			Good		
EN-419	Manhole	23.85	4.0	Yes	Yes			Good	PP	Reset Manhole
EN-421	Manhole	24.97	4.0	Yes	Yes			Good	PP	
EN-421A	Manhole	24.66	2.0	Yes	Yes			Good		
EN-422	Manhole	27.14	4.0	Yes	Yes			Good	PP	
EN-426	Manhole	40.09	2.0	Yes	Yes			Good		
EN-427	Manhole	44.88	2.0	Yes	Yes			Good		



**Table B-3: 2016 Well Field Inspection Results**

Well ID	Surface Completion	2016-DTB	Diameter (in)	Ref. Pt. Visible?	Well Tag Readable?	Well Paint Color/Condition	Royer Cap Size	Sanitary Seal Condition	Ded. Equip. Type	Well Problems
EN-429	Manhole	23.93	4.0	Yes	Yes			Good	PP	
EN-430	Manhole	23.34	4.0	Yes	Yes			Good	PP	
EN-431	Manhole	23.35	4.0	Yes	Yes			Good	PP	
EN-432	Manhole	24.10	4.0	Yes	Yes			Good	PP	
EN-433	Manhole	24.42	4.0	Yes	Yes			Good	PP	
EN-434	Manhole	26.27	4.0	Yes	Yes			Good	4' Bailer	
EN-435	Manhole	24.57	4.0	Yes	Yes			Good	PP	
EN-436	Manhole	33.54	2.0	Yes	Yes			Good		
EN-437	Manhole	34.91	2.0	Yes	Yes			Good		
EN-438	Manhole	33.43	2.0	Yes	Yes			Replace		Reset Manhole
EN-438W	Manhole	44.12	2.0	Yes	Yes			Good		Replace Manhole Lid/Spindle
EN-439A	Manhole	26.77	2.0	Yes	Yes			Good		
EN-439B	Manhole	37.23	2.0	Yes	Yes			Good		
EN-440	Manhole	34.23	2.0	Yes	Yes			Good		
EN-441	Manhole	38.06	2.0	Yes	Yes			Good		
EN-442A	Manhole	30.58	2.0	Yes	Yes			Good		
EN-442B	Manhole	40.42	2.0	Yes	Yes			Good		
EN-443	Manhole	33.29	2.0	Yes	Yes			Good		
EN-444A	Manhole	28.43	2.0	Yes	Yes			Good		
EN-444B	Manhole	44.12	2.0	Yes	Yes			Good		
EN-445	Manhole	33.08	2.0	Yes	Yes			Good		
EN-446A	Manhole	28.10	2.0	Yes	Yes			Good		
EN-446B	Manhole	42.92	2.0	Yes	Yes			Good		
EN-447A	Manhole	31.17	2.0	Yes	Yes			Good		
EN-447B	Manhole	47.42	2.0	Yes	Yes			Good		
EN-448	Manhole	25.77	2.0	Yes	Yes			Good		
EN-449	Manhole	48.10	2.0	Yes	Yes			Good		
EN-450	Manhole	29.66	2.0	Yes	Yes			Good		
EN-451	Manhole	35.00	2.0	Yes	Yes			Good		Replace Plug
EN-453	Manhole	31.22	2.0	Yes	Yes			Good		
EN-454	Manhole	33.61	2.0	Yes	Yes			Good		
EN-455	Manhole	29.78	2.0	Yes	Yes			Good		
EN-456	Manhole	33.69	2.0	Yes	Yes			Good		
EN-457A	Manhole	27.34	2.0	Yes	Yes			Good		
EN-457B	Manhole	27.47	2.0	Yes	Yes			Good		
EN-458	Manhole	23.68	2.0	Yes	Yes			Good		
EN-459A	Manhole	49.42	2.0	Yes	Yes			Good	5' Bailer	
EN-459B	Manhole	122.06	2.0	Yes	Yes			Good	2" SP	
EN-460A	Manhole	49.68	2.0	Yes	Yes			Good		
EN-460B	Manhole	84.44	2.0	Yes	Yes			Good	2" SP	
EN-460C	Manhole	95.60	2.0	Yes	Yes			Good	2" SP	
EN-461	Manhole	33.81	2.0	Yes	Yes			Good		
EN-462	Manhole	43.90	2.0	Yes	Yes			Good	2' Bailer	

**Table B-3: 2016 Well Field Inspection Results**

Well ID	Surface Completion	2016-DTB	Diameter (in)	Ref. Pt. Visible?	Well Tag Readable?	Well Paint Color/Condition	Royer Cap Size	Sanitary Seal Condition	Ded. Equip. Type	Well Problems
EN-463	Manhole	44.02	2.0	Yes	Yes			Good	3' Bailer	
EN-464	Manhole	38.48	2.0	Yes	Yes			Good		
EN-465	Manhole	35.10	2.0	Yes	Yes			Good		
EN-466	Manhole	38.81	2.0	Yes	Yes			Good		
EN-467	Manhole	43.87	2.0	Yes	Yes			Good		
EN-468	Manhole	39.17	2.0	Yes	Yes			Good		
EN-469	Manhole	22.70	2.0	Yes	Yes			Replace		Reset Manhole
EN-470	Manhole	24.04	2.0	Yes	Yes			Good		
EN-471	Manhole	27.02	2.0	Yes	Yes			Good	2' Bailer	
EN-472	Manhole	25.33	2.0	Yes	Yes			Good	3' Bailer	
EN-473A	Manhole	44.06	2.0	Yes	Yes			Good	4' Bailer	
EN-473B	Manhole	77.99	2.0	Yes	Yes			Good	5' Bailer	
EN-474	Manhole	18.00	2.0	Yes	Yes			Good		
EN-475	Manhole	32.07	2.0	Yes	Yes			Good		
EN-476	Manhole	26.09	2.0	Yes	Yes			Good		
EN-477	Manhole	42.78	2.0	Yes	Yes			Good		
EN-478A	Manhole	28.53	2.0	Yes	Yes			Good		
EN-478B	Manhole	37.75	2.0	Yes	Yes			Good		
EN-479A	Manhole	28.47	2.0	Yes	Yes			Good		
EN-479B	Manhole	41.43	2.0	Yes	Yes			Good		
EN-480A	Manhole	32.11	2.0	Yes	Yes			Good		
EN-480B	Manhole	41.76	2.0	Yes	Yes			Good		
EN-481A	Manhole	29.68	2.0	Yes	Yes			Good		
EN-481B	Manhole	44.11	2.0	Yes	Yes			Good		
EN-482	Manhole	37.57	2.0	Yes	Yes			Good		
EN-483	Manhole	19.78	2.0	Yes	Yes			Good	PDB	
EN-484	Manhole	14.21	2.0	Yes	Yes			Good		Replace plug
EN-485	Manhole	16.80	2.0	Yes	Yes			Good		
EN-486	Manhole	23.72	2.0	Yes	Yes			Good		
EN-487	Manhole	14.90	2.0	Yes	Yes			Good	PDB	
EN-488	Manhole	24.39	2.0	Yes	Yes			Good		
EN-489	Manhole	20.93	2.0	Yes	Yes			Good		
EN-490	Manhole	28.15	2.0	Yes	Yes			Good		Replace Plug
EN-491	Manhole	33.02	2.0	Yes	Yes			Good		
EN-491A	Manhole	28.70	2.0	Yes	Yes			Good		
EN-492	Manhole	29.24	2.0	Yes	Yes			Good	3' Bailer	
EN-492A	Manhole	32.99	2.0	Yes	Yes			Good	PP	
EN-493	Manhole	35.14	2.0	Yes	Yes			Good	3' Bailer	
EN-494	Manhole	35.03	2.0	Yes	Yes			Good		
EN-495	Manhole	33.93	2.0	Yes	Yes			Good		
EN-496	Manhole	33.95	2.0	Yes	Yes			Good	3' Bailer	
EN-497	Manhole	34.50	2.0	Yes	Yes			Good		
EN-498	Manhole	35.82	2.0	Yes	Yes			Replace	3' Bailer	Reset MH

**Table B-3: 2016 Well Field Inspection Results**

Well ID	Surface Completion	2016-DTB	Diameter (in)	Ref. Pt. Visible?	Well Tag Readable?	Well Paint Color/Condition	Royer Cap Size	Sanitary Seal Condition	Ded. Equip. Type	Well Problems
EN-499A	Manhole	31.50	2.0	Yes	Yes			Good		
EN-499B	Manhole	41.78	2.0	Yes	Yes			Good		
EN-500A	Manhole	30.10	2.0	Yes	Yes			Good		
EN-500B	Manhole	42.28	2.0	Yes	Yes			Good		
EN-501	Manhole	34.50	2.0	Yes	Yes			Good		
EN-502	Manhole	33.48	2.0	Yes	Yes			Good		
EN-503	Manhole	32.20	2.0	Yes	Yes			Good		
EN-504	Manhole	33.87	2.0	Yes	Yes			Good		
EN-505	Manhole	28.70	2.0	Yes	Yes			Good		
EN-506	Manhole	29.31	2.0	Yes	Yes			Good		
EN-507	Standpipe	16.58	2.0	Yes	Yes	Brown	4 1/2"	Good		
EN-508	Manhole	18.20	2.0	Yes	Yes			Good	PP	
EN-509	Manhole	16.88	2.0	Yes	Yes			Good	PP	
EN-510	Manhole	25.53	2.0	Yes	Yes			Good		
EN-511	Manhole	26.78	2.0	Yes	Yes			Good		
EN-513	Manhole	23.18	2.0	Yes	Yes			Good		
EN-514	Manhole	21.42	2.0	Yes	Yes			Good	PP	
EN-515	Manhole	24.60	2.0	Yes	Yes			Good		
EN-516	Manhole	29.10	2.0	Yes	Yes			Good		
EN-517	Manhole	28.00	2.0	Yes	Yes			Good		
EN-518	Manhole	25.24	2.0	Yes	Yes			Good		Replace Manhole Lid/Spindle
EN-519	Manhole	27.02	2.0	Yes	Yes			Good		
EN-520	Manhole	23.56	2.0	Yes	Yes			Good		
EN-521	Manhole	19.72	2.0	Yes	Yes			Good		Replace MH Lid/Spindle
EN-522	Manhole	12.59	2.0	Yes	Yes			Good	3' Bailer	
EN-523	Manhole	14.82	2.0	Yes	Yes			Good		
EN-524	Manhole	19.75	2.0	Yes	Yes			Good		
EN-525	Manhole	23.05	2.0	Yes	Yes			Good		
EN-526	Manhole	47.88	2.0	Yes	No			Good		
EN-527	Manhole	20.87	2.0	Yes	No			Good		
EN-528	Manhole	21.48	2.0	Yes	No			Good		
EN-529	Manhole	34.49	2.0	Yes	Yes			Good		
EN-531	Manhole	25.74	4.0	Yes	Yes			Good		
EN-532	Manhole	39.43	2.0	Yes	No			Good		
EN-533	Manhole	14.69	2.0	Yes	No			Good		
EN-534	Manhole	34.25	2.0	Yes	No			Good		Replace Manhole Lid/Spindle
EN-600	Manhole	16.30	1.5	Yes	Yes			Good		
EN-601	Manhole	4.15	1.5	Yes	Yes			Good		
EN-602	Manhole	NA	1.5	NA	NA			Good		Decommissioned
EN-603	Manhole	NA	1.5	NA	NA			Good		Decommissioned
EN-604	Manhole	13.52	1.5	Yes	Yes			Good		
EN-605	Manhole	3.11	1.5	Yes	Yes			Good		
EN-606	Manhole	19.15	1.5	Yes	Yes			Good		

**Table B-3: 2016 Well Field Inspection Results**

Well ID	Surface Completion	2016-DTB	Diameter (in)	Ref. Pt. Visible?	Well Tag Readable?	Well Paint Color/Condition	Royer Cap Size	Sanitary Seal Condition	Ded. Equip. Type	Well Problems
EN-608	Manhole	20.21	1.5	Yes	Yes			Good		
EN-609	Manhole	NA	1.5	NA	NA			Good		Decommissioned
EN-614	Manhole	NA	1.5	NA	NA			Good		Decommissioned
EN-616	Manhole	24.88	1.5	Yes	Yes			Good	PP	
EN-617	Manhole	6.79	1.5	Yes	Yes			Good	PP	
EN-618	Manhole	14.51	1.5	Yes	Yes			Good		
EN-619	Manhole	NA	1.5	NA	NA			Good		Decommissioned
EN-620	Manhole	NA	1.5	NA	NA			Good		Decommissioned
EN-621	Manhole	NA	1.5	NA	NA			Good		Decommissioned
EN-623	Manhole	23.48	6.0	Yes	Yes			Good		Replace Manhole Lid-14"
EN-624	Manhole	25.25	6.0	Yes	Yes			Good	PDB	
EN-626	Manhole	17.15	2.0	Yes	Yes			Good		
EN-628	Manhole	NA	2.0	NA	NA			Good		Decommissioned
EN-629	Manhole	NA	2.0	NA	NA			Good		Decommissioned
EN-630	Manhole	NA	2.0	NA	NA			Good		Decommissioned
EN-631	Manhole	NA	2.0	NA	NA			Good		Decommissioned
EN-632	Manhole	19.70	2.0	Yes	Yes			Good	PDB	Replace Manhole Lid/Spindle
EN-638	Manhole	17.65	2.0	Yes	Yes			Good	PDB	
EN-640	Manhole	13.35	2.0	Yes	Yes			Good		
EN-641	Standpipe	8.48	2.0	Yes	Yes	Brown	4 1/2"	Good		Weedwack Area
EN-642	Manhole	13.47	2.0	Yes	Yes			Good	PDB	
EN-644	Manhole	12.68	2.0	Yes	Yes			Good		
EN-646	Manhole	NA	2.0	NA	NA			Good		Decommissioned
EN-648	Manhole	5.72	2.0	Yes	Yes			Good		
EN-650	Manhole	16.36	2.0	Yes	Yes			Good		
EN-651	Standpipe	27.61	2.0	Yes	Yes	Brown	4 1/2"	Good	PDB	Weedwack Area
EN-652	Manhole	44.07	2.0	Yes	Yes			Good	PDB	
EN-653	Standpipe	25.20	2.0	Yes	Yes	Brown	4 1/2"	Good	PDB	Weedwack Area
EN-654	Manhole	41.01	2.0	Yes	Yes			Good		
EN-655	Manhole	13.48	2.0	Yes	Yes			Good	PDB	
EN-656	Standpipe	40.23	2.0	Yes	Yes	Brown	4 1/2"	Good		Weedwack Area
EN-657	Standpipe	19.12	2.0	Yes	Yes	Brown	4 1/2"	Good		Weedwack Area
EN-658	Standpipe	46.05	2.0	Yes	Yes	Brown	4 1/2"	Good		Weedwack Area
EN-659	Standpipe	20.23	2.0	Yes	Yes	Brown	4 1/2"	Good		Weedwack Area
EN-660	Manhole	NA	2.0	NA	NA			Good		Decommissioned
EN-661	Manhole	NA	2.0	NA	NA			Good	PP	Decommissioned
EN-662	*Manhole*	NA	1.0	NA	NA			Good		Decommissioned
EN-663	*Manhole*	NA	1.0	NA	NA			Good		Decommissioned
EN-664	*Manhole*	NA	1.0	NA	NA			Good		Decommissioned
EN-665	*Manhole*	NA	1.0	NA	NA			Good		Decommissioned
EN-669	Manhole	NA	2.0	NA	NA			Good	PP	Decommissioned
EN-672	Manhole	NA	2.0	NA	NA			Good		Decommissioned
EN-677	Manhole	NA	2.0	NA	NA			Good		Decommissioned

**Table B-3: 2016 Well Field Inspection Results**

Well ID	Surface Completion	2016-DTB	Diameter (in)	Ref. Pt. Visible?	Well Tag Readable?	Well Paint Color/Condition	Royer Cap Size	Sanitary Seal Condition	Ded. Equip. Type	Well Problems
EN-679	Manhole	23.95	2.0	Yes	No			Good	PDB	
EN-684A	Manhole	42.72	2.0	Yes	Yes			Good	PDB	
EN-687	Manhole	29.20	2.0	Yes	No			Good	PDB	Replace Manhole Lid/Spindle
EN-692	Manhole	12.75	2.0	Yes	Yes			Good	PDB	
EN-694	Manhole	20.44	2.0	Yes	Yes			Good	PDB	
EN-695	Manhole	11.42	2.0	Yes	Yes			Good		
EN-696	Standpipe	27.88	2.0	Yes	Yes	Brown	4 1/2"	Good	PDB	
EN-697	Standpipe	16.66	2.0	Yes	Yes	Brown	4 1/2"	Good	PP	
EN-698	Standpipe	31.40	2.0	Yes	Yes	Brown	4 1/2"	Good	PDB	
EN-699	Standpipe	21.81	2.0	Yes	Yes	Brown	4 1/2"	Good		
EN-700	Standpipe	35.00	2.0	Yes	Yes	Brown	4 1/2"	Good	PDB	
EN-701	Standpipe	23.36	2.0	Yes	Yes	Brown	6 5/8"	Good	PDB	
EN-702	Manhole	24.30	2.0	Yes	Yes			Good	PDB	Needs new plug
EN-703	Manhole	17.36	2.0	Yes	No			Good	PDB	Needs new plug
EN-704	Manhole	21.80	2.0	Yes	Yes			Good	PDB	Needs new plug
EN-705	Manhole	14.84	2.0	Yes	Yes			Good	PDB	
EN-708	Standpipe	12.78	2.0	Yes	Yes	Brown	6 5/8"	Good		
EN-710	Standpipe	20.46	6.0	Yes	Yes			Good	PDB	
EN-711	Standpipe	19.25	2.0	Yes	Yes	Brown	6 5/8"	Good		Weedwack Area
EN-712	Standpipe	32.30	2.0	Yes	Yes	Brown	6 5/8"	Good		Weedwack Area
EN-713	Standpipe	8.11	2.0	Yes	Yes	Brown	4 1/2"	Good		Weedwack Area
EN-714	Manhole	24.13	2.0	Yes	Yes			Good	PDB	
EN-715	Manhole	24.12	2.0	Yes	Yes			Good	PDB	
EN-716	Manhole	22.75	2.0	Yes	Yes			Good	PDB	
EN-717	Manhole	25.50	2.0	Yes	Yes			Good	PDB	
EN-718	Manhole	24.59	2.0	Yes	Yes			Good	PDB	Clean out MH; Replace MH Lid/Spindle
EN-719	Manhole	18.68	2.0	Yes	Yes			Good	PDB	Clean out MH
EN-720	Manhole	34.20	2.0	Yes	Yes			Good	PDB	
EN-721	Manhole	9.28	2.0	Yes	No			Good		
EN-722	Manhole	27.90	2.0	Yes	No			Good	PDB	
EN-723	Manhole	19.82	2.0	Yes	No			Good	PDB	
EN-724	Manhole	16.14	2.0	Yes	No			Good	PDB	
EN-725	Manhole	31.50	2.0	Yes	No			Good	PDB	
EN-726	Manhole	64.81	2.0	Yes	No			Good	PDB	
EN-727	Manhole	80.22	2.0	Yes	No			Good	PDB	
EN-D1	Standpipe	157.98	4.0	Yes	Yes	Brown	10 3/4"	Good	PDB	
EN-D2	Standpipe	123.06	6.0	Yes	Yes	Green	10 3/4"	Good	PDB	Replace Royer, Completed 3/31/15
EN-D3	Standpipe	112.98	6.0	Yes	Yes	Brown	10 3/4"	Good	PDB	
EN-D4	Standpipe	112.93	4.0	Yes	No	Brown	12 3/4"	Good	PDB	
EN-D4S	Standpipe	179.50	2.0	Yes	No	Brown	12 3/4"	Good	PDB	
EN-D5	Standpipe	152.58	4.0	Yes	Yes	Brown	12 3/4"	Good		
EN-D5S	Standpipe	86.95	2.0	Yes	Yes	Brown	12 3/4"	Good		
EN-D6	Standpipe	84.40	4.0	Yes	Yes	Yellow	10 3/4"	Good		

**Table B-3: 2016 Well Field Inspection Results**

Well ID	Surface Completion	2016-DTB	Diameter (in)	Ref. Pt. Visible?	Well Tag Readable?	Well Paint Color/Condition	Royer Cap Size	Sanitary Seal Condition	Ded. Equip. Type	Well Problems
EN-D7	Standpipe	47.68	2.0	Yes	No	Brown	10 3/4"	Good		
EN-D8	Standpipe	76.55	4.0	Yes	Yes	Yellow	10 3/4"	Good		
EN-D9	Standpipe	155.52	4.0	Yes	Yes	Yellow	10 3/4"	Good	PDB	
EN-D10	Standpipe	135.32	4.0	Yes	Yes	Yellow	10 3/4"	Good	PDB	
EN-D11	Manhole	179.27	4.0	Yes	Yes	Yellow	10 3/4"	Good	PDB	
EN-D12	Manhole	76.60	4.0	Yes	Yes			Replace		Reset Manhole
EN-D13	Standpipe	128.26	4.0	Yes	Yes	Yellow	10 3/4"	Good	PDB	
EN-D14	Standpipe	64.88	4.0	Yes	Yes	Yellow	10 3/4"	Good	PDB	
EN-D30	Manhole	103.27	2.0	Yes	Yes			Good		
EN-D31	Manhole	117.88	2.0	Yes	Yes			Good		
EN-D32	Manhole	119.56	2.0	Yes	Yes			Good		
EN-D33	Manhole	115.85	2.0	Yes	Yes			Good	PDB	
EN-D34	Manhole	79.62	2.0	Yes	Yes			Good	PDB	
EN-D35	Manhole	117.35	2.0	Yes	Yes			Good	PDB	
EN-D36	Manhole	129.28	2.0	Yes	Yes			Good	PDB	
EN-D37	Manhole	120.22	2.0	Yes	Yes			Good	PDB	
EN-D38	Manhole	110.04	2.0	Yes	Yes			Replace	PDB	Reset Manhole
EN-D39	Manhole	102.80	6.0	Yes	Yes			Good	PDB	
EN-D40	Manhole	107.71	6.0	Yes	Yes			Good	PDB	
EN-D41	Manhole	117.80	6.0	Yes	Yes			Replace	PDB	Reset Manhole
EN-D42	Manhole	124.03	6.0	Yes	Yes			Good	PDB	
EN-D43	Manhole	105.85	6.0	Yes	Yes			Good	PDB	
EN-D44	Manhole	104.57	6.0	Yes	Yes			Good	PDB	
EN-D45	Manhole	101.28	6.0	Yes	Yes			Good	PDB	
EN-D46	Manhole	105.00	6.0	Yes	Yes			Good	PDB	
EN-D47	Manhole	111.61	6.0	Yes	Yes			Good	PDB	
EN-D48	Manhole	108.64	6.0	Yes	Yes			Good	PDB	
DI-1	Manhole	19.35	2.0	Yes	No			Replace		Needs Tags/Lock
DI-2	Manhole	22.81	2.0	Yes	No			Good		Needs Tags/Lock
DI-3	Manhole	20.22	1.0	Yes	No			Good		Needs Tags/Lock
DOT-1	Standpipe	22.40	2.0	Yes	No	Brown	10 3/4"	Good	PDB	
DOT-2	Standpipe	21.33	2.0	Yes	No	Brown	10 3/4"	Good	3' Bailer	
DOT-3	Standpipe	27.15	2.0	Yes	Yes	Brown	10 3/4"	Good	PDB	
DOT-4	Standpipe	23.98	2.0	Yes	Yes	Brown	10 3/4"	Good	PDB	
MW-34D	Standpipe	26.08	2.0	Yes	No	Yellow			PDB	

## APPENDIX C

### Groundwater Elevation Data, 2016

Endicott, New York

Groundwater Elevation Data - 1/1/2016 to 12/31/2016

Note: "-1.00" means the Upper Aquifer is dry or unsaturated.

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Water (ft)	Groundwater Elevation
<b>Upper Aquifer Wells</b>				
DI-1	2/1/2016	849.06	Dry	-1.00
DI-1	5/24/2016	849.06	Dry	-1.00
DI-1	5/26/2016	849.06	Dry	-1.00
DI-1	9/15/2016	849.06	Dry	-1.00
DI-1	11/28/2016	849.06	19.40	829.66
DI-2	2/1/2016	848.32	18.60	829.72
DI-2	5/24/2016	848.32	18.60	829.72
DI-2	5/26/2016	848.32	18.62	829.70
DI-2	9/15/2016	848.32	19.02	829.30
DI-2	11/28/2016	848.32	19.02	829.30
DI-3	2/1/2016	846.48	16.47	830.01
DI-3	5/24/2016	846.48	16.51	829.97
DI-3	5/26/2016	846.48	16.58	829.90
DI-3	9/15/2016	846.48	17.14	829.34
DI-3	11/28/2016	846.48	17.18	829.30
DOT-1	5/24/2016	849.14	19.94	829.20
DOT-1	5/26/2016	849.14	19.89	829.25
DOT-1	9/15/2016	849.14	20.48	828.66
DOT-1	11/28/2016	849.14	20.45	828.69
DOT-2	2/1/2016	848.57	20.69	827.88
DOT-2	5/24/2016	848.57	Dry	-1.00
DOT-2	5/26/2016	848.57	19.83	828.74
DOT-2	9/15/2016	848.57	21.10	827.47
DOT-2	11/28/2016	848.57	21.15	827.42
DOT-3	2/1/2016	848.73	20.53	828.20
DOT-3	5/24/2016	848.73	19.86	828.87
DOT-3	5/26/2016	848.73	19.97	828.76
DOT-3	9/15/2016	848.73	20.92	827.81
DOT-3	11/28/2016	848.73	20.40	828.33
DOT-4	2/1/2016	848.61	19.89	828.72
DOT-4	5/24/2016	848.61	19.68	828.93
DOT-4	5/26/2016	848.61	19.68	828.93
DOT-4	9/15/2016	848.61	20.01	828.60
DOT-4	11/28/2016	848.61	20.10	828.51
EN-002	2/1/2016	842.54	14.20	828.34
EN-002	5/24/2016	842.54	14.47	828.07
EN-002	5/26/2016	842.54	14.47	828.07
EN-002	9/13/2016	842.54	15.46	827.08
EN-002	9/15/2016	842.54	15.59	826.95
EN-002	11/28/2016	842.54	15.84	826.70
EN-006	5/24/2016	852.34	30.46	821.88
EN-006	8/3/2016	852.34	31.75	820.59
EN-006	11/28/2016	852.34	31.05	821.29
EN-012	2/1/2016	851.86	21.63	830.23
EN-012	2/8/2016	851.86	21.64	830.22
EN-012	4/25/2016	851.86	21.46	830.40
EN-012	5/24/2016	851.86	21.62	830.24
EN-012	5/26/2016	851.86	21.71	830.15
EN-012	9/13/2016	851.86	21.48	830.38
EN-012	9/15/2016	851.86	21.39	830.47
EN-012	9/27/2016	851.86	21.93	829.93
EN-012	10/7/2016	851.86	22.11	829.75
EN-012	10/14/2016	851.86	22.27	829.59



**Endicott, New York**

**Groundwater Elevation Data - 1/1/2016 to 12/31/2016**

*Note: "-1.00" means the Upper Aquifer is dry or unsaturated.*

<b>Well</b>	<b>Date of Measurement</b>	<b>M.P. Elev. (ft amsl)</b>	<b>Depth to Water (ft)</b>	<b>Groundwater Elevation</b>
EN-012	10/24/2016	851.86	21.89	829.97
EN-012	11/3/2016	851.86	21.03	830.83
EN-012	11/10/2016	851.86	21.58	830.28
EN-012	11/22/2016	851.86	21.68	830.18
EN-012	11/28/2016	851.86	21.93	829.93
EN-012	12/19/2016	851.86	21.87	829.99
EN-013	2/1/2016	851.93	21.80	830.13
EN-013	5/24/2016	851.93	22.87	829.06
EN-013	5/26/2016	851.93	21.90	830.03
EN-013	9/13/2016	851.93	22.20	829.73
EN-013	9/15/2016	851.93	21.93	830.00
EN-013	11/28/2016	851.93	22.15	829.78
EN-014	2/1/2016	852.00	22.01	829.99
EN-014	5/24/2016	852.00	22.10	829.90
EN-014	5/26/2016	852.00	22.09	829.91
EN-014	9/13/2016	852.00	22.41	829.59
EN-014	9/15/2016	852.00	22.27	829.73
EN-014	11/28/2016	852.00	22.32	829.68
EN-015	2/1/2016	851.81	24.61	827.20
EN-015	5/24/2016	851.81	25.68	826.13
EN-015	5/26/2016	851.81	25.77	826.04
EN-015	9/13/2016	851.81	26.31	825.50
EN-015	9/15/2016	851.81	26.38	825.43
EN-015	11/28/2016	851.81	25.71	826.10
EN-016	2/1/2016	852.22	25.40	826.82
EN-016	5/24/2016	852.22	27.83	824.39
EN-016	5/26/2016	852.22	27.93	824.29
EN-016	9/13/2016	852.22	28.13	824.09
EN-016	9/15/2016	852.22	28.17	824.05
EN-016	11/28/2016	852.22	27.81	824.41
EN-017	2/1/2016	852.15	24.76	827.39
EN-017	5/24/2016	852.15	24.92	827.23
EN-017	5/26/2016	852.15	24.94	827.21
EN-017	9/13/2016	852.15	25.01	827.14
EN-017	9/15/2016	852.15	25.03	827.12
EN-017	11/28/2016	852.15	25.63	826.52
EN-018	2/1/2016	851.45	22.97	828.48
EN-018	5/24/2016	851.45	22.84	828.61
EN-018	5/26/2016	851.45	22.83	828.62
EN-018	9/13/2016	851.45	23.06	828.39
EN-018	9/15/2016	851.45	23.09	828.36
EN-018	11/28/2016	851.45	23.41	828.04
EN-019	2/1/2016	852.34	23.50	828.84
EN-019	5/24/2016	852.34	23.33	829.01
EN-019	5/26/2016	852.34	23.32	829.02
EN-019	9/13/2016	852.34	23.55	828.79
EN-019	9/15/2016	852.34	23.53	828.81
EN-019	11/28/2016	852.34	23.69	828.65
EN-020	2/1/2016	851.30	21.74	829.56
EN-020	5/24/2016	851.30	21.72	829.58
EN-020	5/26/2016	851.30	21.73	829.57
EN-020	9/13/2016	851.30	22.08	829.22
EN-020	9/15/2016	851.30	22.10	829.20
EN-020	11/28/2016	851.30	22.05	829.25
EN-021	2/1/2016	847.84	18.20	829.64

**Endicott, New York**

**Groundwater Elevation Data - 1/1/2016 to 12/31/2016**

*Note: "-1.00" means the Upper Aquifer is dry or unsaturated.*

<b>Well</b>	<b>Date of Measurement</b>	<b>M.P. Elev. (ft amsl)</b>	<b>Depth to Water (ft)</b>	<b>Groundwater Elevation</b>
EN-021	5/24/2016	847.84	18.10	829.74
EN-021	5/26/2016	847.84	18.20	829.64
EN-021	9/13/2016	847.84	18.63	829.21
EN-021	9/15/2016	847.84	18.67	829.17
EN-021	11/28/2016	847.84	18.65	829.19
EN-022	5/24/2016	844.48	22.93	821.55
EN-022	8/3/2016	844.48	Dry	-1.00
EN-022	11/28/2016	844.48	23.77	820.71
EN-023	2/1/2016	850.37	21.94	828.43
EN-023	5/24/2016	850.37	21.78	828.59
EN-023	8/3/2016	850.37	21.90	828.47
EN-023	11/28/2016	850.37	22.08	828.29
EN-024	2/1/2016	852.01	25.40	826.61
EN-024	5/24/2016	852.01	24.73	827.28
EN-024	5/26/2016	852.01	24.75	827.26
EN-024	9/13/2016	852.01	25.35	826.66
EN-024	9/15/2016	852.01	25.28	826.73
EN-024	11/28/2016	852.01	24.80	827.21
EN-026	2/10/2016	840.96	13.20	827.76
EN-026	5/24/2016	840.96	12.90	828.06
EN-026	8/3/2016	840.96	12.97	827.99
EN-026	8/11/2016	840.96	13.11	829.43
EN-026	9/15/2016	840.96	13.52	827.44
EN-026	11/17/2016	840.96	13.67	837.20
EN-026	11/28/2016	840.96	13.72	827.24
EN-029A	2/8/2016	850.38	28.54	821.84
EN-029A	4/25/2016	850.38	27.72	822.66
EN-029A	5/24/2016	850.38	27.85	822.53
EN-029A	8/3/2016	850.38	29.46	820.92
EN-029A	8/23/2016	850.38	28.7	821.68
EN-029A	11/22/2016	850.38	28.47	821.91
EN-029A	11/28/2016	850.38	28.40	821.98
EN-030	5/24/2016	853.18	20.47	832.71
EN-030	8/3/2016	853.18	21.04	832.14
EN-034	2/1/2016	841.49	13.82	827.67
EN-034	2/8/2016	841.49	13.93	827.56
EN-034	4/25/2016	841.49	13.81	827.68
EN-034	5/24/2016	841.49	13.90	827.59
EN-034	5/26/2016	841.49	13.90	827.59
EN-034	7/5/2016	841.49	13.44	828.05
EN-034	8/23/2016	841.49	13.97	827.52
EN-034	9/15/2016	841.49	14.53	826.96
EN-034	9/27/2016	841.49	14.81	826.68
EN-034	10/7/2016	841.49	14.73	826.76
EN-034	10/14/2016	841.49	14.63	826.86
EN-034	10/24/2016	841.49	14.50	826.99
EN-034	11/3/2016	841.49	14.47	827.02
EN-034	11/10/2016	841.49	14.68	826.81
EN-034	11/22/2016	841.49	14.88	826.61
EN-034	11/28/2016	841.49	15.02	826.47
EN-034	12/19/2016	841.49	15.08	826.41
EN-035	2/1/2016	854.22	25.40	828.82
EN-035	5/24/2016	854.22	25.31	828.91
EN-035	9/15/2016	854.22	25.40	828.82
EN-035	11/28/2016	854.22	25.39	828.83

**Endicott, New York**

**Groundwater Elevation Data - 1/1/2016 to 12/31/2016**

*Note: "-1.00" means the Upper Aquifer is dry or unsaturated.*

<b>Well</b>	<b>Date of Measurement</b>	<b>M.P. Elev. (ft amsl)</b>	<b>Depth to Water (ft)</b>	<b>Groundwater Elevation</b>
EN-036	2/1/2016	852.97	24.23	828.74
EN-036	5/24/2016	852.97	24.05	828.92
EN-036	5/26/2016	852.97	24.05	828.92
EN-036	9/15/2016	852.97	24.23	828.74
EN-036	11/28/2016	852.97	24.25	828.72
EN-037	2/1/2016	839.97	13.20	826.77
EN-037	5/24/2016	839.97	13.12	826.85
EN-037	5/26/2016	839.97	13.17	826.80
EN-037	9/15/2016	839.97	13.59	826.38
EN-037	11/28/2016	839.97	13.93	826.04
EN-038	2/1/2016	838.40	10.52	827.88
EN-038	5/24/2016	838.40	10.55	827.85
EN-038	5/26/2016	838.40	10.57	827.83
EN-038	9/15/2016	838.40	11.28	827.12
EN-038	11/28/2016	838.40	11.21	827.19
EN-039	2/1/2016	841.21	10.03	831.18
EN-039	5/24/2016	841.21	10.17	831.04
EN-039	5/26/2016	841.21	10.20	831.01
EN-039	9/15/2016	841.21	10.97	830.24
EN-039	11/28/2016	841.21	10.90	830.31
EN-040	2/1/2016	837.81	9.48	828.33
EN-040	5/24/2016	837.81	9.56	828.25
EN-040	5/26/2016	837.81	9.59	828.22
EN-040	9/15/2016	837.81	10.42	827.39
EN-040	11/28/2016	837.81	10.40	827.41
EN-041	2/1/2016	837.58	9.12	828.46
EN-041	5/24/2016	837.58	9.22	828.36
EN-041	5/26/2016	837.58	9.25	828.33
EN-041	9/15/2016	837.58	10.13	827.45
EN-041	11/28/2016	837.58	10.14	827.44
EN-042	2/1/2016	837.45	8.82	828.63
EN-042	5/24/2016	837.45	8.97	828.48
EN-042	5/26/2016	837.45	8.99	828.46
EN-042	9/15/2016	837.45	9.94	827.51
EN-042	11/28/2016	837.45	9.90	827.55
EN-044	2/1/2016	837.11	8.31	828.80
EN-044	5/24/2016	837.11	8.47	828.64
EN-044	5/26/2016	837.11	8.50	828.61
EN-044	9/15/2016	837.11	9.48	827.63
EN-044	11/28/2016	837.11	9.48	827.63
EN-045	2/1/2016	836.94	8.02	828.92
EN-045	5/24/2016	836.94	8.20	828.74
EN-045	5/26/2016	836.94	8.24	828.70
EN-045	9/13/2016	836.94	9.21	827.73
EN-045	9/15/2016	836.94	9.23	827.71
EN-045	11/28/2016	836.94	9.25	827.69
EN-046	2/1/2016	837.60	9.58	828.02
EN-046	5/24/2016	837.60	9.73	827.87
EN-046	5/26/2016	837.60	9.75	827.85
EN-046	9/15/2016	837.60	10.41	827.19
EN-046	11/28/2016	837.60	10.48	827.12
EN-047	2/1/2016	837.48	9.66	827.82
EN-047	5/24/2016	837.48	9.83	827.65
EN-047	5/26/2016	837.48	9.87	827.61
EN-047	9/15/2016	837.48	10.51	826.97

**Endicott, New York**

**Groundwater Elevation Data - 1/1/2016 to 12/31/2016**

*Note: "-1.00" means the Upper Aquifer is dry or unsaturated.*

<b>Well</b>	<b>Date of Measurement</b>	<b>M.P. Elev. (ft amsl)</b>	<b>Depth to Water (ft)</b>	<b>Groundwater Elevation</b>
EN-047	11/28/2016	837.48	10.76	826.72
EN-048	2/1/2016	837.54	9.57	827.97
EN-048	5/24/2016	837.54	9.75	827.79
EN-048	5/26/2016	837.54	9.76	827.78
EN-048	9/15/2016	837.54	10.43	827.11
EN-048	11/28/2016	837.54	10.70	826.84
EN-049	2/1/2016	837.49	9.50	827.99
EN-049	5/24/2016	837.49	9.66	827.83
EN-049	5/26/2016	837.49	9.67	827.82
EN-049	9/15/2016	837.49	10.33	827.16
EN-049	11/28/2016	837.49	10.68	826.81
EN-051	2/1/2016	839.65	10.64	829.01
EN-051	2/8/2016	839.65	10.71	828.94
EN-051	4/25/2016	839.65	10.54	829.11
EN-051	5/24/2016	839.65	10.63	829.02
EN-051	5/26/2016	839.65	10.50	829.15
EN-051	7/5/2016	839.65	9.64	830.01
EN-051	8/23/2016	839.65	11.04	828.61
EN-051	9/13/2016	839.65	11.41	828.24
EN-051	9/15/2016	839.65	11.35	828.30
EN-051	9/27/2016	839.65	11.59	828.06
EN-051	10/7/2016	839.65	11.73	827.92
EN-051	10/14/2016	839.65	11.59	828.06
EN-051	10/24/2016	839.65	11.02	828.63
EN-051	11/3/2016	839.65	8.97	830.68
EN-051	11/10/2016	839.65	11.13	828.52
EN-051	11/22/2016	839.65	11.11	828.54
EN-051	11/28/2016	839.65	11.58	828.07
EN-051	12/19/2016	839.65	11.58	828.07
EN-052	2/1/2016	839.44	10.38	829.06
EN-052	2/8/2016	839.44	10.48	828.96
EN-052	4/25/2016	839.44	10.51	828.93
EN-052	5/24/2016	839.44	10.57	828.87
EN-052	5/26/2016	839.44	10.56	828.88
EN-052	7/5/2016	839.44	10.1	829.34
EN-052	8/23/2016	839.44	11.02	828.42
EN-052	9/13/2016	839.44	11.54	827.90
EN-052	9/15/2016	839.44	11.53	827.91
EN-052	9/27/2016	839.44	11.68	827.76
EN-052	10/7/2016	839.44	11.87	827.57
EN-052	10/14/2016	839.44	11.87	827.57
EN-052	10/24/2016	839.44	11.35	828.09
EN-052	11/3/2016	839.44	10.54	828.90
EN-052	11/10/2016	839.44	11.28	828.16
EN-052	11/22/2016	839.44	11.52	827.92
EN-052	11/28/2016	839.44	11.70	827.74
EN-052	12/19/2016	839.44	11.74	827.70
EN-053	2/1/2016	837.86	10.16	827.70
EN-053	5/24/2016	837.86	10.27	827.59
EN-053	5/26/2016	837.86	10.30	827.56
EN-053	9/15/2016	837.86	10.95	826.91
EN-053	11/28/2016	837.86	11.40	826.46
EN-054	2/1/2016	851.49	22.18	829.31
EN-054	5/24/2016	851.49	22.50	828.99
EN-054	5/26/2016	851.49	22.57	828.92

Endicott, New York

Groundwater Elevation Data - 1/1/2016 to 12/31/2016

Note: "-1.00" means the Upper Aquifer is dry or unsaturated.

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Water (ft)	Groundwater Elevation
EN-054	9/13/2016	851.49	23.29	828.20
EN-054	9/15/2016	851.49	23.32	828.17
EN-054	11/28/2016	851.49	23.16	828.33
EN-055	2/1/2016	841.46	15.45	826.01
EN-055	5/24/2016	841.46	15.23	826.23
EN-055	5/26/2016	841.46	15.46	826.00
EN-055	9/15/2016	841.46	15.81	825.65
EN-055	11/28/2016	841.46	16.14	825.32
EN-056	2/1/2016	844.07	17.10	826.97
EN-056	5/24/2016	844.07	16.73	827.34
EN-056	5/26/2016	844.07	16.88	827.19
EN-056	9/15/2016	844.07	17.47	826.60
EN-056	11/28/2016	844.07	16.05	828.02
EN-058	2/1/2016	845.75	19.20	826.55
EN-058	5/24/2016	845.75	19.07	826.68
EN-058	5/26/2016	845.75	19.15	826.60
EN-058	9/15/2016	845.75	19.53	826.22
EN-058	11/28/2016	845.75	19.74	826.01
EN-060	5/24/2016	842.06	21.07	820.99
EN-060	8/3/2016	842.06	21.87	820.19
EN-060	11/28/2016	842.06	22.00	820.06
EN-062	5/24/2016	840.96	18.83	822.13
EN-062	8/3/2016	840.96	20.27	820.69
EN-062	11/28/2016	840.96	19.74	821.22
EN-064	5/24/2016	842.53	19.48	823.05
EN-064	8/3/2016	842.53	19.65	822.88
EN-064	11/28/2016	842.53	19.58	822.95
EN-065	5/24/2016	854.92	26.04	828.88
EN-065	8/3/2016	854.92	26.43	828.49
EN-065	11/28/2016	854.92	26.52	828.40
EN-066	2/10/2016	839.70	17.76	821.94
EN-066	5/24/2016	839.70	17.57	822.13
EN-066	8/3/2016	839.70	17.97	821.73
EN-066	8/11/2016	839.70	18.01	833.85
EN-066	11/17/2016	839.70	18.40	829.05
EN-066	11/28/2016	839.70	18.45	821.25
EN-067	2/10/2016	837.85	14.87	822.98
EN-067	5/24/2016	837.85	14.66	823.19
EN-067	8/3/2016	837.85	14.92	822.93
EN-067	8/11/2016	837.85	15.09	836.84
EN-067	11/17/2016	837.85	15.50	832.18
EN-067	11/28/2016	837.85	15.48	822.37
EN-069	2/10/2016	839.14	12.36	826.78
EN-069	5/24/2016	839.14	12.30	826.84
EN-069	8/3/2016	839.14	12.18	826.96
EN-069	8/11/2016	839.14	12.46	839.54
EN-069	11/17/2016	839.14	13.52	832.18
EN-069	11/28/2016	839.14	13.42	825.72
EN-070	2/10/2016	841.66	14.83	826.83
EN-070	5/24/2016	841.66	14.40	827.26
EN-070	8/3/2016	841.66	14.28	827.38
EN-070	8/11/2016	841.66	14.50	837.31
EN-070	11/17/2016	841.66	14.76	834.82
EN-070	11/28/2016	841.66	14.80	826.86
EN-072	2/1/2016	838.45	10.63	827.82

**Endicott, New York**

**Groundwater Elevation Data - 1/1/2016 to 12/31/2016**

*Note: "-1.00" means the Upper Aquifer is dry or unsaturated.*

<b>Well</b>	<b>Date of Measurement</b>	<b>M.P. Elev. (ft amsl)</b>	<b>Depth to Water (ft)</b>	<b>Groundwater Elevation</b>
EN-072	2/10/2016	838.45	10.55	827.90
EN-072	5/24/2016	838.45	10.65	827.80
EN-072	8/3/2016	838.45	10.47	827.98
EN-072	8/11/2016	838.45	10.71	841.51
EN-072	9/13/2016	838.45	11.64	826.81
EN-072	9/15/2016	838.45	11.73	826.72
EN-072	11/17/2016	838.45	12.36	835.78
EN-072	11/28/2016	838.45	12.48	825.97
EN-073	2/1/2016	839.74	11.86	827.88
EN-073	5/24/2016	839.74	12.08	827.66
EN-073	5/26/2016	839.74	12.10	827.64
EN-073	9/13/2016	839.74	13.32	826.42
EN-073	9/15/2016	839.74	13.46	826.28
EN-073	11/28/2016	839.74	14.81	824.93
EN-074	2/1/2016	851.59	22.90	828.69
EN-074	5/24/2016	851.59	22.90	828.69
EN-074	5/26/2016	851.59	22.94	828.65
EN-074	9/13/2016	851.59	23.72	827.87
EN-074	9/15/2016	851.59	23.78	827.81
EN-074	11/28/2016	851.59	24.29	827.30
EN-075	2/1/2016	851.20	21.36	829.84
EN-075	5/24/2016	851.20	21.32	829.88
EN-075	5/26/2016	851.20	21.32	829.88
EN-075	9/13/2016	851.20	21.83	829.37
EN-075	9/15/2016	851.20	21.93	829.27
EN-075	11/28/2016	851.20	21.68	829.52
EN-076	2/1/2016	853.06	26.42	826.64
EN-076	5/24/2016	853.06	26.16	826.90
EN-076	5/26/2016	853.06	26.14	826.92
EN-076	9/15/2016	853.06	26.54	826.52
EN-076	11/28/2016	853.06	26.77	826.29
EN-077	2/1/2016	854.25	26.72	827.53
EN-077	5/24/2016	854.25	26.59	827.66
EN-077	5/26/2016	854.25	26.53	827.72
EN-077	11/28/2016	854.25	26.71	827.54
EN-078	2/1/2016	852.16	22.15	830.01
EN-078	5/24/2016	852.16	22.32	829.84
EN-078	8/3/2016	852.16	24.18	827.98
EN-078	11/28/2016	852.16	21.85	830.31
EN-079	5/24/2016	848.15	25.40	822.75
EN-079	8/3/2016	848.15	26.53	821.62
EN-079	11/28/2016	848.15	25.83	822.32
EN-080	5/24/2016	848.14	20.82	827.32
EN-080	8/3/2016	848.14	21.02	827.12
EN-080	11/28/2016	848.14	21.10	827.04
EN-081	2/1/2016	850.03	21.39	828.64
EN-081	5/24/2016	850.03	21.09	828.94
EN-081	5/26/2016	850.03	21.13	828.90
EN-081	9/15/2016	850.03	21.45	828.58
EN-081	11/28/2016	850.03	21.51	828.52
EN-083	5/24/2016	845.78	9.60	836.18
EN-083	5/26/2016	845.78	9.64	836.14
EN-083	9/15/2016	845.78	9.95	835.83
EN-083	11/28/2016	845.78	9.30	836.48
EN-084	2/1/2016	851.75	10.76	840.99

**Endicott, New York**

**Groundwater Elevation Data - 1/1/2016 to 12/31/2016**

*Note: "-1.00" means the Upper Aquifer is dry or unsaturated.*

<b>Well</b>	<b>Date of Measurement</b>	<b>M.P. Elev. (ft amsl)</b>	<b>Depth to Water (ft)</b>	<b>Groundwater Elevation</b>
EN-084	5/24/2016	851.75	10.61	841.14
EN-084	9/15/2016	851.75	10.86	840.89
EN-084	11/28/2016	851.75	10.26	841.49
EN-086	5/26/2016	844.31	8.99	835.32
EN-086	8/3/2016	844.31	9.05	835.26
EN-087	5/24/2016	846.42	16.23	830.19
EN-087	5/26/2016	846.42	16.29	830.13
EN-087	8/3/2016	846.42	16.81	829.61
EN-091	5/24/2016	847.61	25.66	821.95
EN-091	8/3/2016	847.61	26.90	820.71
EN-091	11/28/2016	847.61	26.14	821.47
EN-091A	5/24/2016	848.14	26.99	821.15
EN-091A	8/3/2016	848.14	28.14	820.00
EN-091A	11/28/2016	848.14	27.18	820.96
EN-091T	5/24/2016	850.08	5.21	844.87
EN-091T	8/3/2016	850.08	32.83	817.25
EN-091T	11/28/2016	850.08	4.80	845.28
EN-092	5/24/2016	850.53	27.59	822.94
EN-092	8/3/2016	850.53	29.27	821.26
EN-092	11/28/2016	850.53	28.07	822.46
EN-092A	5/24/2016	847.21	22.49	824.72
EN-092A	8/3/2016	847.21	23.77	823.44
EN-092A	11/28/2016	847.21	22.68	824.53
EN-093	5/24/2016	848.68	26.53	822.15
EN-093	8/3/2016	848.68	27.63	821.05
EN-093	11/28/2016	848.68	27.03	821.65
EN-094	5/24/2016	848.61	28.82	819.79
EN-094	8/3/2016	848.61	29.73	818.88
EN-094	11/28/2016	848.61	29.71	818.90
EN-095	2/10/2016	846.08	25.95	820.13
EN-095	5/24/2016	846.08	25.87	820.21
EN-095	8/3/2016	846.08	26.37	819.71
EN-095	8/11/2016	846.08	26.47	825.68
EN-095	11/17/2016	846.08	26.78	810.67
EN-095	11/28/2016	846.08	26.86	819.22
EN-096	2/10/2016	838.65	17.53	821.12
EN-096	5/24/2016	838.65	17.38	821.27
EN-096	8/3/2016	838.65	17.71	820.94
EN-096	8/11/2016	838.65	17.94	833.51
EN-096	11/17/2016	838.65	18.28	817.83
EN-096	11/28/2016	838.65	18.30	820.35
EN-097	2/1/2016	840.59	11.84	828.75
EN-097	5/24/2016	840.59	11.55	829.04
EN-097	5/26/2016	840.59	11.65	828.94
EN-097	9/13/2016	840.59	12.73	827.86
EN-097	9/15/2016	840.59	12.85	827.74
EN-097	11/28/2016	840.59	12.78	827.81
EN-099	5/24/2016	845.64	23.48	822.16
EN-099	8/3/2016	845.64	26.43	819.21
EN-099	11/28/2016	845.64	24.03	821.61
EN-100	5/24/2016	845.77	23.42	822.35
EN-100	8/3/2016	845.77	24.72	821.05
EN-100	11/28/2016	845.77	24.11	821.66
EN-102	5/24/2016	849.88	25.00	824.88
EN-102	8/3/2016	846.79	26.16	820.63

**Endicott, New York**

**Groundwater Elevation Data - 1/1/2016 to 12/31/2016**

*Note: "-1.00" means the Upper Aquifer is dry or unsaturated.*

<b>Well</b>	<b>Date of Measurement</b>	<b>M.P. Elev. (ft amsl)</b>	<b>Depth to Water (ft)</b>	<b>Groundwater Elevation</b>
EN-102	11/28/2016	846.79	25.60	821.19
EN-103	5/24/2016	836.98	17.33	819.65
EN-103	8/3/2016	836.98	17.83	819.15
EN-103	11/28/2016	836.98	18.43	818.55
EN-104	2/10/2016	840.27	20.82	819.45
EN-104	5/24/2016	840.27	20.63	819.64
EN-104	8/3/2016	840.27	21.11	819.16
EN-104	8/11/2016	840.27	21.24	831.10
EN-104	11/17/2016	840.27	21.64	827.50
EN-104	11/28/2016	840.27	21.71	818.56
EN-105	2/10/2016	834.60	8.07	826.53
EN-105	5/24/2016	834.60	7.80	826.80
EN-105	8/3/2016	834.60	8.67	825.93
EN-105	8/11/2016	834.60	8.26	843.04
EN-105	11/17/2016	834.60	7.84	840.73
EN-105	11/28/2016	834.60	7.60	827.00
EN-106	2/1/2016	853.89	26.14	827.75
EN-106	5/24/2016	853.89	26.14	827.75
EN-106	5/26/2016	853.89	26.20	827.69
EN-106	9/15/2016	853.89	26.74	827.15
EN-106	11/28/2016	853.89	27.29	826.60
EN-107	9/15/2016	840.08	12.51	827.57
EN-107R	5/24/2016	839.23	16.20	823.03
EN-107R	5/26/2016	839.23	15.52	823.71
EN-107R	9/15/2016	839.23	16.89	822.34
EN-107R	11/28/2016	839.23	12.38	826.85
EN-111	2/1/2016	842.95	11.06	831.89
EN-111	5/24/2016	842.95	6.75	836.20
EN-111	5/26/2016	842.95	12.09	830.86
EN-111	9/15/2016	842.95	12.18	830.77
EN-111	11/28/2016	842.95	11.62	831.33
EN-112	2/1/2016	843.18	13.55	829.63
EN-112	5/24/2016	843.18	13.70	829.48
EN-112	5/26/2016	843.18	13.69	829.49
EN-112	9/13/2016	843.18	14.50	828.68
EN-112	9/15/2016	843.18	14.35	828.83
EN-112	11/28/2016	843.18	14.38	828.80
EN-113	2/1/2016	843.44	14.34	829.10
EN-113	5/24/2016	843.44	12.04	831.40
EN-113	5/26/2016	843.44	12.86	830.58
EN-113	9/13/2016	843.44	13.80	829.64
EN-113	9/15/2016	843.44	14.17	829.27
EN-113	11/28/2016	843.44	13.10	830.34
EN-114	2/8/2016	836.40	8.53	827.87
EN-114	4/25/2016	836.40	9.08	827.32
EN-114	5/24/2016	836.40	9.20	827.20
EN-114	5/26/2016	836.40	9.17	827.23
EN-114	7/5/2016	836.40	8.40	828.00
EN-114	8/23/2016	836.40	9.23	827.17
EN-114	9/13/2016	836.40	10.82	825.58
EN-114	9/15/2016	836.40	10.88	825.52
EN-114	9/27/2016	836.40	11.50	824.90
EN-114	10/7/2016	836.40	11.80	824.60
EN-114	10/14/2016	836.40	11.91	824.49
EN-114	10/24/2016	836.40	11.03	825.37



Endicott, New York

Groundwater Elevation Data - 1/1/2016 to 12/31/2016

Note: "-1.00" means the Upper Aquifer is dry or unsaturated.

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Water (ft)	Groundwater Elevation
EN-114	11/3/2016	836.40	11.47	824.93
EN-114	11/10/2016	836.40	12.07	824.33
EN-114	11/22/2016	836.40	12.81	823.59
EN-114	11/28/2016	836.40	13.02	823.38
EN-114	12/19/2016	836.40	12.90	823.50
EN-114T	5/24/2016	838.87	11.97	826.90
EN-114T	5/26/2016	838.87	12.09	826.78
EN-114T	9/15/2016	838.87	14.08	824.79
EN-114T	11/28/2016	838.87	17.35	821.52
EN-117	2/1/2016	842.78	14.46	828.32
EN-117	5/24/2016	842.78	14.80	827.98
EN-117	5/26/2016	842.78	14.78	828.00
EN-117	9/13/2016	842.78	15.90	826.88
EN-117	9/15/2016	842.78	15.98	826.80
EN-117	11/28/2016	842.78	16.99	825.79
EN-121	2/10/2016	837.09	9.82	827.27
EN-121	5/24/2016	837.09	9.78	827.31
EN-121	8/3/2016	837.09	9.75	827.34
EN-121	8/11/2016	837.09	9.78	838.06
EN-121	11/17/2016	837.09	11.05	837.68
EN-121	11/28/2016	837.09	10.99	826.10
EN-122	2/10/2016	836.39	9.36	827.03
EN-122	5/24/2016	836.39	9.38	827.01
EN-122	8/3/2016	836.39	9.21	827.18
EN-122	8/11/2016	836.39	9.44	842.57
EN-122	11/17/2016	836.39	10.44	838.17
EN-122	11/28/2016	836.39	10.34	826.05
EN-123	2/10/2016	835.41	10.59	824.82
EN-123	5/24/2016	835.41	10.39	825.02
EN-123	8/3/2016	835.41	10.68	824.73
EN-123	8/11/2016	835.41	10.81	826.13
EN-123	11/17/2016	835.41	11.35	837.71
EN-123	11/28/2016	835.41	10.96	824.45
EN-125	5/24/2016	845.47	24.45	821.02
EN-125	8/3/2016	845.47	25.43	820.04
EN-125	11/28/2016	845.47	25.27	820.20
EN-126	5/24/2016	843.71	22.40	821.31
EN-126	8/3/2016	843.71	23.43	820.28
EN-126	11/28/2016	843.71	23.24	820.47
EN-127	2/1/2016	844.86	16.12	828.74
EN-127	5/24/2016	844.86	15.83	829.03
EN-127	8/3/2016	844.86	16.03	828.83
EN-127	11/28/2016	844.86	16.23	828.63
EN-129	5/24/2016	846.48	17.20	829.28
EN-129	8/3/2016	846.48	17.92	828.56
EN-129	11/28/2016	846.48	17.98	828.50
EN-130	5/24/2016	850.12	21.28	828.84
EN-130	8/3/2016	850.12	21.60	828.52
EN-130	11/28/2016	850.12	21.88	828.24
EN-131	5/24/2016	862.22	41.14	821.08
EN-131	8/3/2016	862.22	41.25	820.97
EN-131	11/28/2016	862.22	41.34	820.88
EN-132	5/24/2016	848.49	29.58	818.91
EN-132	8/3/2016	848.49	30.61	817.88
EN-132	11/28/2016	848.49	30.53	817.96

Endicott, New York

Groundwater Elevation Data - 1/1/2016 to 12/31/2016

Note: "-1.00" means the Upper Aquifer is dry or unsaturated.

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Water (ft)	Groundwater Elevation
EN-133	5/24/2016	846.95	30.57	816.38
EN-133	8/3/2016	846.95	32.74	814.21
EN-133	11/28/2016	846.95	33.02	813.93
EN-146	2/10/2016	837.49	10.08	827.41
EN-146	5/24/2016	837.49	10.08	827.41
EN-146	8/3/2016	837.49	10.05	827.44
EN-146	8/11/2016	837.49	10.16	829.49
EN-146	9/13/2016	837.49	10.81	826.68
EN-146	9/15/2016	837.49	10.92	826.57
EN-146	11/17/2016	837.49	11.42	836.90
EN-146	11/28/2016	837.49	11.36	826.13
EN-148	2/1/2016	851.61	21.30	830.31
EN-148	2/8/2016	851.61	21.03	830.58
EN-148	4/25/2016	851.61	21.20	830.41
EN-148	5/24/2016	851.61	21.32	830.29
EN-148	5/26/2016	851.61	21.60	830.01
EN-148	9/13/2016	851.61	22.24	829.37
EN-148	9/15/2016	851.61	22.19	829.42
EN-148	9/27/2016	851.61	22.15	829.46
EN-148	10/7/2016	851.61	22.35	829.26
EN-148	10/14/2016	851.61	22.32	829.29
EN-148	10/24/2016	851.61	21.83	829.78
EN-148	11/3/2016	851.61	20.31	831.30
EN-148	11/10/2016	851.61	21.63	829.98
EN-148	11/22/2016	851.61	21.76	829.85
EN-148	11/28/2016	851.61	21.62	829.99
EN-148	12/19/2016	851.61	21.25	830.36
EN-149	2/10/2016	841.06	20.22	820.84
EN-149	5/24/2016	841.06	20.09	820.97
EN-149	8/3/2016	841.06	20.47	820.59
EN-149	8/11/2016	841.06	20.64	818.80
EN-149	11/17/2016	841.06	20.93	825.55
EN-149	11/28/2016	841.06	21.01	820.05
EN-150	2/10/2016	841.04	20.20	820.84
EN-150	5/24/2016	841.04	20.08	820.96
EN-150	8/3/2016	841.04	20.47	820.57
EN-150	8/11/2016	841.04	20.62	830.87
EN-150	11/17/2016	841.04	20.93	821.61
EN-150	11/28/2016	841.04	21.66	819.38
EN-151	2/10/2016	838.74	17.42	821.32
EN-151	5/24/2016	838.74	17.28	821.46
EN-151	8/3/2016	838.74	17.69	821.05
EN-151	8/11/2016	838.74	17.89	820.56
EN-151	11/17/2016	838.74	18.74	833.12
EN-151	11/28/2016	838.74	18.18	820.56
EN-152	2/10/2016	838.74	17.42	821.32
EN-152	5/24/2016	838.74	17.30	821.44
EN-152	8/3/2016	838.74	17.68	821.06
EN-152	8/11/2016	838.74	17.81	821.93
EN-152	11/17/2016	838.74	18.12	833.81
EN-152	11/28/2016	838.74	18.18	820.56
EN-153	2/10/2016	838.21	17.00	821.21
EN-153	5/24/2016	838.21	16.63	821.58
EN-153	8/3/2016	838.21	16.93	821.28
EN-153	8/11/2016	838.21	17.12	834.47

**Endicott, New York**

**Groundwater Elevation Data - 1/1/2016 to 12/31/2016**

*Note: "-1.00" means the Upper Aquifer is dry or unsaturated.*

<b>Well</b>	<b>Date of Measurement</b>	<b>M.P. Elev. (ft amsl)</b>	<b>Depth to Water (ft)</b>	<b>Groundwater Elevation</b>
EN-153	11/17/2016	838.21	17.48	834.52
EN-153	11/28/2016	838.21	17.45	820.76
EN-154B	2/10/2016	838.98	17.83	821.15
EN-154B	8/11/2016	838.98	18.25	832.95
EN-154B	11/17/2016	838.98	18.55	833.26
EN-154R	2/10/2016	838.31	17.20	821.11
EN-154R	5/24/2016	838.31	17.05	821.26
EN-154R	8/3/2016	838.31	17.45	820.86
EN-154R	8/11/2016	838.31	17.60	822.99
EN-154R	11/17/2016	838.31	17.92	834.30
EN-154R	11/28/2016	838.31	17.98	820.33
EN-161	5/24/2016	847.17	23.97	823.20
EN-161	8/3/2016	847.17	26.72	820.45
EN-161	11/28/2016	847.17	23.30	823.87
EN-162	5/24/2016	856.48	35.13	821.35
EN-162	8/3/2016	856.48	35.96	820.52
EN-162	11/28/2016	856.48	35.49	820.99
EN-163	5/24/2016	860.31	38.82	821.49
EN-163	8/3/2016	860.31	39.10	821.21
EN-163	11/28/2016	860.31	39.04	821.27
EN-164	2/10/2016	842.10	19.62	822.48
EN-164	5/24/2016	842.10	19.40	822.70
EN-164	8/3/2016	842.10	19.77	822.33
EN-164	8/11/2016	842.10	19.80	823.38
EN-164	11/17/2016	842.10	20.11	832.04
EN-164	11/28/2016	842.10	20.26	821.84
EN-165	2/10/2016	838.31	16.21	822.10
EN-165	5/24/2016	838.31	16.00	822.31
EN-165	8/3/2016	838.31	16.35	821.96
EN-165	8/11/2016	838.31	16.49	826.95
EN-165	11/17/2016	838.31	16.82	834.63
EN-165	11/28/2016	838.31	16.87	821.44
EN-166	2/10/2016	837.32	13.20	824.12
EN-166	5/24/2016	837.32	13.00	824.32
EN-166	8/3/2016	837.32	13.12	824.20
EN-166	8/11/2016	837.32	13.35	823.05
EN-166	11/17/2016	837.32	13.96	838.38
EN-166	11/28/2016	837.32	13.85	823.47
EN-167	2/10/2016	835.48	9.60	825.88
EN-167	5/24/2016	835.48	9.48	826.00
EN-167	8/3/2016	835.48	9.60	825.88
EN-167	8/11/2016	835.48	9.72	833.06
EN-167	11/17/2016	835.48	10.57	840.73
EN-167	11/28/2016	835.48	10.47	825.01
EN-170	5/24/2016	847.08	24.40	822.68
EN-170	8/3/2016	847.08	26.20	820.88
EN-170	11/28/2016	847.08	24.73	822.35
EN-173	5/24/2016	846.33	22.90	823.43
EN-173	8/3/2016	846.33	23.65	822.68
EN-173	11/28/2016	846.33	23.22	823.11
EN-174	5/24/2016	855.83	29.41	826.42
EN-174	8/3/2016	855.83	29.48	826.35
EN-174	11/28/2016	855.83	29.56	826.27
EN-175	5/24/2016	839.38	22.10	817.28

Endicott, New York

Groundwater Elevation Data - 1/1/2016 to 12/31/2016

Note: "-1.00" means the Upper Aquifer is dry or unsaturated.

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Water (ft)	Groundwater Elevation
EN-175	8/3/2016	844.15	23.25	820.90
EN-175	11/28/2016	844.15	23.52	820.63
EN-176	2/10/2016	842.88	20.93	821.95
EN-176	5/24/2016	842.88	20.73	822.15
EN-176	8/3/2016	842.88	21.15	821.73
EN-176	8/11/2016	842.88	21.23	816.26
EN-176	11/17/2016	842.88	21.56	826.28
EN-176	11/28/2016	842.88	21.61	821.27
EN-177	2/10/2016	841.88	16.50	825.38
EN-177	5/24/2016	841.88	16.12	825.76
EN-177	8/3/2016	841.88	16.50	825.38
EN-177	8/11/2016	841.88	16.51	835.10
EN-177	11/17/2016	841.88	16.35	835.66
EN-177	11/28/2016	841.88	16.47	825.41
EN-178	5/24/2016	854.18	38.61	815.57
EN-178	8/3/2016	854.18	38.96	815.22
EN-178	11/28/2016	854.18	38.90	815.28
EN-182	5/24/2016	847.90	25.11	822.79
EN-182	8/3/2016	847.90	26.60	821.30
EN-182	11/28/2016	847.90	25.38	822.52
EN-183	5/24/2016	846.97	24.20	822.77
EN-183	8/3/2016	846.97	25.36	821.61
EN-183	11/28/2016	846.97	24.45	822.52
EN-184	2/1/2016	846.44	11.92	834.52
EN-184	5/24/2016	846.44	10.65	835.79
EN-184	5/26/2016	846.44	10.85	835.59
EN-184	9/15/2016	846.44	11.88	834.56
EN-184	11/28/2016	846.44	11.13	835.31
EN-186	2/1/2016	851.62	22.64	828.98
EN-186	5/24/2016	851.62	22.83	828.79
EN-186	5/26/2016	851.62	22.84	828.78
EN-186	9/13/2016	851.62	24.04	827.58
EN-186	9/15/2016	851.62	24.04	827.58
EN-186	11/28/2016	851.62	24.23	827.39
EN-187	2/1/2016	851.66	20.94	830.72
EN-187	2/8/2016	851.66	20.47	831.19
EN-187	4/25/2016	851.66	20.97	830.69
EN-187	5/24/2016	851.66	21.73	829.93
EN-187	5/26/2016	851.66	21.85	829.81
EN-187	9/13/2016	851.66	22.63	829.03
EN-187	9/15/2016	851.66	22.12	829.54
EN-187	11/28/2016	851.66	21.49	830.17
EN-188	2/1/2016	848.13	18.46	829.67
EN-188	5/24/2016	848.13	18.41	829.72
EN-188	5/26/2016	848.13	18.40	829.73
EN-188	9/13/2016	848.13	18.93	829.20
EN-188	9/15/2016	848.13	18.99	829.14
EN-188	11/28/2016	848.13	18.98	829.15
EN-189	2/1/2016	851.00	21.06	829.94
EN-189	5/24/2016	851.00	21.40	829.60
EN-189	5/26/2016	851.00	21.48	829.52
EN-189	9/13/2016	851.00	22.14	828.86
EN-189	9/15/2016	851.00	22.15	828.85

Endicott, New York

Groundwater Elevation Data - 1/1/2016 to 12/31/2016

Note: "-1.00" means the Upper Aquifer is dry or unsaturated.

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Water (ft)	Groundwater Elevation
EN-189	11/28/2016	851.00	21.85	829.15
EN-190	5/24/2016	851.76	30.25	821.51
EN-190	8/3/2016	851.76	31.65	820.11
EN-190	11/28/2016	851.76	30.90	820.86
EN-191A	5/24/2016	848.52	27.67	820.85
EN-191A	8/3/2016	848.52	29.57	818.95
EN-191A	11/28/2016	848.52	29.07	819.45
EN-192	5/24/2016	850.71	29.33	821.38
EN-192	8/3/2016	850.71	30.51	820.20
EN-192	11/28/2016	850.71	30.00	820.71
EN-193	5/24/2016	848.28	26.52	821.76
EN-193	8/3/2016	848.28	28.05	820.23
EN-193	11/28/2016	848.28	26.97	821.31
EN-194	5/24/2016	843.46	33.10	810.36
EN-194	8/3/2016	843.46	29.48	813.98
EN-194	11/28/2016	843.46	33.15	810.31
EN-195	5/24/2016	838.02	16.30	821.72
EN-195	8/3/2016	838.02	17.79	820.23
EN-195	11/28/2016	838.02	16.75	821.27
EN-200	2/1/2016	850.27	19.32	830.95
EN-200	5/24/2016	850.27	19.13	831.14
EN-200	9/15/2016	850.27	19.50	830.77
EN-200	11/28/2016	850.27	19.03	831.24
EN-202	2/10/2016	848.44	28.00	820.44
EN-202	5/24/2016	848.44	28.05	820.39
EN-202	8/3/2016	848.44	28.63	819.81
EN-202	8/11/2016	848.44	28.76	822.86
EN-202	11/17/2016	848.44	28.13	812.83
EN-202	11/28/2016	848.44	29.02	819.42
EN-203	5/24/2016	846.10	24.21	821.89
EN-203	8/3/2016	846.10	25.92	820.18
EN-203	11/28/2016	846.10	25.22	820.88
EN-204	2/8/2016	856.44	35.12	821.32
EN-204	4/25/2016	856.44	35.15	821.29
EN-204	5/24/2016	856.44	35.48	820.96
EN-204	8/3/2016	856.44	36.71	819.73
EN-204	8/23/2016	856.44	36.69	819.75
EN-204	11/22/2016	856.44	36.17	820.27
EN-204	11/28/2016	856.44	36.04	820.40
EN-206	5/24/2016	859.47	39.61	819.86
EN-206	8/3/2016	859.47	40.28	819.19
EN-206	11/28/2016	859.47	40.21	819.26
EN-207	5/24/2016	854.92	42.06	812.86
EN-207	8/3/2016	854.92	43.57	811.35
EN-207	11/28/2016	854.92	43.56	811.36
EN-208A	5/24/2016	851.64	34.08	817.56
EN-208A	8/3/2016	851.64	34.56	817.08
EN-208A	11/28/2016	851.64	34.96	816.68
EN-210	5/24/2016	850.67	40.74	809.93
EN-210	8/3/2016	850.67	41.05	809.62
EN-210	11/28/2016	850.67	41.40	809.27
EN-211	2/10/2016	837.73	10.88	826.85
EN-211	5/24/2016	837.73	10.84	826.89

Endicott, New York

Groundwater Elevation Data - 1/1/2016 to 12/31/2016

Note: "-1.00" means the Upper Aquifer is dry or unsaturated.

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Water (ft)	Groundwater Elevation
EN-211	8/3/2016	837.73	10.67	827.06
EN-211	8/11/2016	837.73	10.95	840.71
EN-211	11/17/2016	837.73	12.00	829.49
EN-211	11/28/2016	837.73	11.93	825.80
EN-213A	5/24/2016	853.94	34.51	819.43
EN-213A	8/3/2016	853.94	35.12	818.82
EN-213A	11/28/2016	853.94	35.09	818.85
EN-214A	5/24/2016	846.40	25.15	821.25
EN-214A	8/3/2016	846.40	26.79	819.61
EN-214A	11/28/2016	846.40	25.75	820.65
EN-214B	5/24/2016	846.46	25.23	821.23
EN-214B	8/3/2016	846.46	26.82	819.64
EN-214B	11/28/2016	846.46	25.89	820.57
EN-215A	5/24/2016	847.50	26.04	821.46
EN-215A	8/3/2016	847.50	27.74	819.76
EN-215A	11/28/2016	847.50	26.95	820.55
EN-215B	5/24/2016	847.47	27.92	819.55
EN-215B	8/3/2016	847.47	29.41	818.06
EN-215B	11/28/2016	847.47	28.74	818.73
EN-215T	5/24/2016	847.00	36.23	810.77
EN-215T	8/3/2016	847.00	36.08	810.92
EN-215T	11/28/2016	847.00	41.27	805.73
EN-217A	5/24/2016	857.13	36.60	820.53
EN-217A	8/3/2016	857.13	37.41	819.72
EN-217A	11/28/2016	857.13	37.30	819.83
EN-218	2/10/2016	837.32	10.21	827.11
EN-218	8/11/2016	837.32	10.25	837.88
EN-218	11/17/2016	837.32	11.32	842.90
EN-219	9/15/2016	843.62	18.25	825.37
EN-219R	5/24/2016	843.95	21.36	822.59
EN-219R	5/26/2016	843.95	21.48	822.47
EN-219R	9/15/2016	843.95	21.41	822.54
EN-219R	11/28/2016	843.95	21.60	822.35
EN-253	9/15/2016	844.32	16.17	828.15
EN-253R	5/24/2016	843.96	19.96	824.00
EN-253R	5/26/2016	843.96	20.71	823.25
EN-253R	9/15/2016	843.96	18.57	825.39
EN-253R	11/28/2016	843.96	16.65	827.31
EN-276	5/24/2016	852.29	32.56	819.73
EN-276	5/26/2016	852.29	32.15	820.14
EN-276	9/15/2016	852.29	32.75	819.54
EN-276	11/28/2016	852.29	26.65	825.64
EN-276A	2/1/2016	849.39	22.85	826.54
EN-276A	5/24/2016	849.39	24.04	825.35
EN-276A	5/26/2016	849.39	24.14	825.25
EN-276A	9/15/2016	849.39	24.63	824.76
EN-276A	11/28/2016	849.39	23.72	825.67
EN-276R	5/24/2016	852.54	29.10	823.44
EN-276R	5/26/2016	852.54	28.88	823.66
EN-276R	9/15/2016	852.54	29.02	823.52
EN-276R	11/28/2016	852.54	29.04	823.50
EN-277	2/1/2016	852.36	25.93	826.43
EN-277	5/24/2016	852.36	25.85	826.51

Endicott, New York

Groundwater Elevation Data - 1/1/2016 to 12/31/2016

Note: "-1.00" means the Upper Aquifer is dry or unsaturated.

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Water (ft)	Groundwater Elevation
EN-277	5/26/2016	852.36	25.86	826.50
EN-277	11/28/2016	852.36	25.90	826.46
EN-278	2/1/2016	850.75	34.23	816.52
EN-278	5/24/2016	850.75	34.41	816.34
EN-278	8/3/2016	850.75	34.96	815.79
EN-278	11/28/2016	850.75	34.56	816.19
EN-279	2/1/2016	850.30	28.57	821.73
EN-279	5/24/2016	850.30	28.25	822.05
EN-279	8/3/2016	850.30	28.18	822.12
EN-279	11/28/2016	850.30	28.37	821.93
EN-284	2/1/2016	850.72	41.30	809.42
EN-284	5/24/2016	850.72	41.35	809.37
EN-284	5/26/2016	850.72	37.38	813.34
EN-284	11/28/2016	850.72	41.18	809.54
EN-284P	5/24/2016	852.86	23.73	829.13
EN-284P	5/26/2016	852.86	23.66	829.20
EN-284P	11/28/2016	852.86	23.15	829.71
EN-301	5/24/2016	848.16	28.34	819.82
EN-301	8/3/2016	848.16	29.15	819.01
EN-301	11/28/2016	848.16	29.20	818.96
EN-302	2/1/2016	843.02	15.14	827.88
EN-302	5/24/2016	843.02	15.05	827.97
EN-302	8/3/2016	843.02	15.20	827.82
EN-302	11/28/2016	843.02	15.14	827.88
EN-304	5/24/2016	849.63	18.82	830.81
EN-304	5/26/2016	849.63	18.93	830.70
EN-304	8/3/2016	849.63	19.36	830.27
EN-310	5/24/2016	846.05	Dry	-1.00
EN-310	8/3/2016	846.05	Dry	-1.00
EN-310	11/28/2016	846.05	Dry	-1.00
EN-311	5/24/2016	849.30	42.96	806.34
EN-311	8/3/2016	849.30	44.23	805.07
EN-311	11/28/2016	849.30	Dry	-1.00
EN-380	2/1/2016	847.35	20.07	827.28
EN-380	5/24/2016	847.35	20.00	827.35
EN-380	8/3/2016	847.35	20.21	827.14
EN-380	11/28/2016	847.35	20.27	827.08
EN-381	5/24/2016	846.35	21.57	824.78
EN-381	8/3/2016	846.35	22.02	824.33
EN-381	11/28/2016	846.35	22.02	824.33
EN-382	5/24/2016	852.26	24.68	827.58
EN-382	8/3/2016	852.26	24.89	827.37
EN-382	11/28/2016	852.26	25.05	827.21
EN-384	2/1/2016	847.86	19.35	828.51
EN-384	5/24/2016	847.86	19.17	828.69
EN-384	8/3/2016	847.86	19.40	828.46
EN-384	11/28/2016	847.86	19.52	828.34
EN-385	5/24/2016	846.21	17.60	828.61
EN-385	8/3/2016	846.21	18.61	827.60
EN-385	11/28/2016	846.21	18.65	827.56
EN-386	2/1/2016	848.49	19.88	828.61
EN-386	5/24/2016	848.49	19.53	828.96
EN-386	8/3/2016	848.49	19.77	828.72

Endicott, New York

Groundwater Elevation Data - 1/1/2016 to 12/31/2016

Note: "-1.00" means the Upper Aquifer is dry or unsaturated.

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Water (ft)	Groundwater Elevation
EN-386	11/28/2016	848.49	19.95	828.54
EN-387A	5/24/2016	854.23	25.50	828.73
EN-387A	8/3/2016	854.23	25.66	828.57
EN-387A	11/28/2016	854.23	25.80	828.43
EN-392R	5/24/2016	846.95	19.18	827.77
EN-392R	8/3/2016	846.95	20.42	826.53
EN-392R	11/28/2016	846.95	20.28	826.67
EN-393	2/1/2016	847.94	19.54	828.40
EN-393	5/24/2016	847.94	19.18	828.76
EN-393	8/3/2016	847.94	19.52	828.42
EN-393	11/28/2016	847.94	19.67	828.27
EN-394	5/24/2016	851.42	24.57	826.85
EN-394	8/3/2016	851.42	23.60	827.82
EN-394	11/28/2016	851.42	23.75	827.67
EN-395	5/24/2016	849.91	20.82	829.09
EN-395	8/3/2016	849.91	21.29	828.62
EN-395	11/28/2016	849.91	21.43	828.48
EN-396	5/24/2016	848.45	19.76	828.69
EN-396	8/3/2016	848.45	20.28	828.17
EN-396	11/28/2016	848.45	20.92	827.53
EN-397	5/24/2016	844.83	16.59	828.24
EN-397	5/26/2016	844.83	16.68	828.15
EN-397	9/15/2016	844.83	17.93	826.90
EN-397	11/28/2016	844.83	17.37	827.46
EN-398	2/1/2016	845.22	17.64	827.58
EN-398	5/24/2016	845.22	16.88	828.34
EN-398	5/26/2016	845.22	16.85	828.37
EN-398	9/15/2016	845.22	18.15	827.07
EN-398	11/28/2016	845.22	17.64	827.58
EN-399	5/24/2016	846.23	17.17	829.06
EN-399	8/3/2016	846.23	17.90	828.33
EN-399	11/28/2016	846.23	16.81	829.42
EN-401	2/8/2016	851.79	35.85	815.94
EN-401	4/25/2016	851.79	35.87	815.92
EN-401	5/24/2016	851.79	35.95	815.84
EN-401	8/3/2016	851.79	36.51	815.28
EN-401	8/23/2016	851.79	36.70	815.09
EN-401	11/22/2016	851.79	36.75	815.04
EN-401	11/28/2016	851.79	36.84	814.95
EN-402	5/24/2016	851.41	37.93	813.48
EN-402	8/3/2016	851.41	38.52	812.89
EN-402	11/28/2016	851.41	38.60	812.81
EN-403	5/24/2016	854.97	37.40	817.57
EN-403	8/3/2016	854.97	37.91	817.06
EN-403	11/28/2016	854.97	38.04	816.93
EN-404	5/24/2016	848.43	31.10	817.33
EN-404	8/3/2016	848.43	31.46	816.97
EN-404	11/28/2016	848.43	31.48	816.95
EN-409	5/24/2016	843.62	8.62	835.00
EN-409	5/26/2016	843.62	10.36	833.26
EN-409	8/3/2016	843.62	9.56	834.06
EN-411	5/24/2016	843.41	5.17	838.24
EN-411	8/3/2016	843.41	5.35	838.06



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Groundwater Elevation Data - 1/1/2016 to 12/31/2016

Note: "-1.00" means the Upper Aquifer is dry or unsaturated.

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Water (ft)	Groundwater Elevation
EN-414	5/24/2016	859.73	38.95	820.78
EN-414	8/3/2016	859.73	39.20	820.53
EN-414	11/28/2016	859.73	39.31	820.42
EN-415	5/24/2016	858.92	37.75	821.17
EN-415	8/3/2016	858.92	38.37	820.55
EN-415	11/28/2016	858.92	38.29	820.63
EN-419	2/1/2016	850.27	22.40	827.87
EN-419	5/24/2016	850.27	22.89	827.38
EN-419	5/26/2016	850.27	22.86	827.41
EN-419	9/13/2016	850.27	23.09	827.18
EN-419	11/28/2016	850.27	22.87	827.40
EN-421	2/1/2016	850.76	23.13	827.63
EN-421	5/24/2016	850.76	22.98	827.78
EN-421	5/26/2016	850.76	22.96	827.80
EN-421	11/28/2016	850.76	23.15	827.61
EN-422	2/1/2016	851.86	23.38	828.48
EN-422	5/24/2016	851.86	23.18	828.68
EN-422	5/26/2016	851.86	23.19	828.67
EN-422	11/28/2016	851.86	23.34	828.52
EN-426	5/24/2016	854.29	35.66	818.63
EN-426	8/3/2016	854.29	36.28	818.01
EN-426	11/28/2016	854.29	36.32	817.97
EN-427	5/24/2016	857.00	37.34	819.66
EN-427	8/3/2016	857.00	38.02	818.98
EN-427	11/28/2016	857.00	38.12	818.88
EN-428	5/24/2016	840.82	16.23	824.59
EN-428	5/26/2016	840.82	16.93	823.89
EN-428	9/15/2016	840.82	16.55	824.27
EN-428	11/28/2016	840.82	16.33	824.49
EN-428P	9/15/2016	841.20	14.33	826.87
EN-429	2/1/2016	849.45	22.33	827.12
EN-429	5/24/2016	849.45	Dry	-1.00
EN-429	5/26/2016	849.45	Dry	-1.00
EN-429	9/13/2016	849.45	Dry	-1.00
EN-429	11/28/2016	849.45	Dry	-1.00
EN-430	2/1/2016	850.10	21.41	828.69
EN-430	5/24/2016	850.10	22.02	828.08
EN-430	5/26/2016	850.10	22.04	828.06
EN-430	11/28/2016	850.10	22.84	827.26
EN-431	2/1/2016	850.66	22.34	828.32
EN-431	5/24/2016	850.66	22.08	828.58
EN-431	5/26/2016	850.66	22.15	828.51
EN-431	9/13/2016	850.66	22.40	828.26
EN-431	11/28/2016	850.66	22.43	828.23
EN-432	2/1/2016	851.01	22.72	828.29
EN-432	5/24/2016	851.01	22.39	828.62
EN-432	5/26/2016	851.01	22.45	828.56
EN-432	11/28/2016	851.01	22.86	828.15
EN-433	2/1/2016	851.24	23.12	828.12
EN-433	5/24/2016	851.24	22.97	828.27
EN-433	5/26/2016	851.24	22.95	828.29
EN-433	11/28/2016	851.24	23.12	828.12
EN-434	2/1/2016	851.57	23.18	828.39

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**Groundwater Elevation Data - 1/1/2016 to 12/31/2016**

*Note: "-1.00" means the Upper Aquifer is dry or unsaturated.*

<b>Well</b>	<b>Date of Measurement</b>	<b>M.P. Elev. (ft amsl)</b>	<b>Depth to Water (ft)</b>	<b>Groundwater Elevation</b>
EN-434	5/24/2016	851.57	23.04	828.53
EN-434	9/13/2016	851.57	23.14	828.43
EN-434	11/28/2016	851.57	23.23	828.34
EN-435	2/1/2016	851.42	22.77	828.65
EN-435	5/24/2016	851.42	22.58	828.84
EN-435	5/26/2016	851.42	22.63	828.79
EN-435	11/28/2016	851.42	22.77	828.65
EN-436	2/1/2016	849.04	25.66	823.38
EN-436	5/24/2016	849.04	25.73	823.31
EN-436	8/3/2016	849.04	27.83	821.21
EN-436	11/28/2016	849.04	26.30	822.74
EN-437	5/24/2016	847.71	26.67	821.04
EN-437	8/3/2016	847.71	28.10	819.61
EN-437	11/28/2016	847.71	27.13	820.58
EN-438	5/24/2016	847.10	22.37	824.73
EN-438	8/3/2016	847.10	23.55	823.55
EN-438	11/28/2016	847.10	22.56	824.54
EN-439A	5/24/2016	844.18	22.22	821.96
EN-439A	8/3/2016	844.18	23.83	820.35
EN-439A	11/28/2016	844.18	23.05	821.13
EN-439B	5/24/2016	844.34	22.30	822.04
EN-439B	8/3/2016	844.34	23.93	820.41
EN-439B	11/28/2016	844.34	23.17	821.17
EN-440	5/24/2016	845.53	24.02	821.51
EN-440	8/3/2016	845.53	25.77	819.76
EN-440	11/28/2016	845.53	24.96	820.57
EN-441	5/24/2016	847.19	25.82	821.37
EN-441	8/3/2016	847.19	27.59	819.60
EN-441	11/28/2016	847.19	26.75	820.44
EN-442A	5/24/2016	847.92	26.62	821.30
EN-442A	8/3/2016	847.92	28.09	819.83
EN-442A	11/28/2016	847.92	27.33	820.59
EN-442B	5/24/2016	847.94	26.59	821.35
EN-442B	8/3/2016	847.94	28.12	819.82
EN-442B	11/28/2016	847.94	27.37	820.57
EN-443	5/24/2016	846.75	26.11	820.64
EN-443	8/3/2016	846.75	26.66	820.09
EN-443	11/28/2016	846.75	25.89	820.86
EN-444A	5/24/2016	846.58	25.03	821.55
EN-444A	8/3/2016	846.58	26.77	819.81
EN-444A	11/28/2016	846.58	26.00	820.58
EN-444B	5/24/2016	846.54	24.99	821.55
EN-444B	8/3/2016	846.54	26.74	819.80
EN-444B	11/28/2016	846.54	25.98	820.56
EN-445	5/24/2016	840.88	19.03	821.85
EN-445	8/3/2016	840.88	20.75	820.13
EN-445	11/28/2016	840.88	20.06	820.82
EN-446A	5/24/2016	845.02	23.18	821.84
EN-446A	8/3/2016	845.02	24.85	820.17
EN-446A	11/28/2016	845.02	24.20	820.82
EN-446B	5/24/2016	845.11	23.23	821.88
EN-446B	8/3/2016	845.11	24.90	820.21
EN-446B	11/28/2016	845.11	24.25	820.86

Endicott, New York

Groundwater Elevation Data - 1/1/2016 to 12/31/2016

Note: "-1.00" means the Upper Aquifer is dry or unsaturated.

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Water (ft)	Groundwater Elevation
EN-447A	5/24/2016	845.75	26.23	819.52
EN-447A	8/3/2016	845.75	27.82	817.93
EN-447A	11/28/2016	845.75	27.11	818.64
EN-447B	5/24/2016	845.73	27.09	818.64
EN-447B	8/3/2016	845.73	28.65	817.08
EN-447B	11/28/2016	845.73	27.91	817.82
EN-447T	5/24/2016	848.02	20.51	827.51
EN-447T	8/3/2016	848.02	18.04	829.98
EN-447T	11/28/2016	848.02	23.00	825.02
EN-448	5/24/2016	848.29	24.92	823.37
EN-448	8/3/2016	848.29	25.70	822.59
EN-448	11/28/2016	848.29	25.08	823.21
EN-449	5/24/2016	857.00	35.99	821.01
EN-449	8/3/2016	857.00	37.16	819.84
EN-449	11/28/2016	857.00	36.80	820.20
EN-450	2/8/2016	846.27	24.01	822.26
EN-450	4/25/2016	846.27	23.72	822.55
EN-450	5/24/2016	846.27	23.85	822.42
EN-450	8/3/2016	846.27	25.35	820.92
EN-450	8/23/2016	846.27	24.69	821.58
EN-450	11/22/2016	846.27	24.49	821.78
EN-450	11/28/2016	846.27	24.39	821.88
EN-451	5/24/2016	846.26	25.87	820.39
EN-451	8/3/2016	846.26	27.23	819.03
EN-451	11/28/2016	846.26	26.58	819.68
EN-451P	5/24/2016	845.63	16.52	829.11
EN-451P	8/3/2016	845.63	17.27	828.36
EN-451P	11/28/2016	845.63	28.69	816.94
EN-453	5/24/2016	841.42	19.23	822.19
EN-453	8/3/2016	841.42	20.63	820.79
EN-453	11/28/2016	841.42	20.06	821.36
EN-454	5/24/2016	844.42	21.74	822.68
EN-454	8/3/2016	844.42	23.41	821.01
EN-454	11/28/2016	844.42	22.52	821.90
EN-455	5/24/2016	843.22	21.23	821.99
EN-455	8/3/2016	843.22	22.93	820.29
EN-455	11/28/2016	843.22	22.20	821.02
EN-456	5/24/2016	845.00	22.93	822.07
EN-456	8/3/2016	845.00	24.41	820.59
EN-456	11/28/2016	845.00	23.68	821.32
EN-457A	5/24/2016	842.82	20.63	822.19
EN-457A	8/3/2016	842.82	22.65	820.17
EN-457A	11/28/2016	842.82	22.00	820.82
EN-457B	5/24/2016	843.03	21.12	821.91
EN-457B	8/3/2016	843.03	22.87	820.16
EN-457B	11/28/2016	843.03	22.20	820.83
EN-458	5/24/2016	843.83	23.08	820.75
EN-458	8/3/2016	843.83	23.23	820.60
EN-458	11/28/2016	843.83	23.10	820.73
EN-459A	5/24/2016	847.27	40.95	806.32
EN-459A	8/3/2016	847.27	44.14	803.13
EN-459A	11/28/2016	847.27	43.06	804.21
EN-459B	5/24/2016	846.25	40.12	806.13

Endicott, New York

Groundwater Elevation Data - 1/1/2016 to 12/31/2016

Note: "-1.00" means the Upper Aquifer is dry or unsaturated.

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Water (ft)	Groundwater Elevation
EN-459B	8/3/2016	846.25	43.12	803.13
EN-459B	11/28/2016	846.25	41.99	804.26
EN-460A	5/24/2016	847.75	40.87	806.88
EN-460A	8/3/2016	847.75	44.39	803.36
EN-460A	11/28/2016	847.75	43.52	804.23
EN-460B	5/24/2016	846.89	40.77	806.12
EN-460B	8/3/2016	846.89	44.28	802.61
EN-460B	11/28/2016	846.89	43.40	803.49
EN-460C	5/24/2016	847.45	40.68	806.77
EN-460C	8/3/2016	847.45	44.20	803.25
EN-460C	11/28/2016	847.45	43.30	804.15
EN-461	5/24/2016	850.60	Dry	-1.00
EN-461	8/3/2016	850.60	Dry	-1.00
EN-461	11/28/2016	850.60	Dry	-1.00
EN-462	5/24/2016	851.38	40.52	810.86
EN-462	8/3/2016	851.38	40.61	810.77
EN-462	11/28/2016	851.38	40.76	810.62
EN-463	5/24/2016	851.28	37.82	813.46
EN-463	8/3/2016	851.28	38.15	813.13
EN-463	11/28/2016	851.28	38.54	812.74
EN-464	5/24/2016	852.98	35.12	817.86
EN-464	8/3/2016	852.98	36.39	816.59
EN-464	11/28/2016	852.98	36.34	816.64
EN-465	5/24/2016	851.15	Dry	-1.00
EN-465	8/3/2016	851.15	Dry	-1.00
EN-465	11/28/2016	851.15	Dry	-1.00
EN-466	5/24/2016	846.99	32.13	814.86
EN-466	8/3/2016	846.99	32.52	814.47
EN-466	11/28/2016	846.99	32.40	814.59
EN-467	5/24/2016	857.12	36.73	820.39
EN-467	8/3/2016	857.12	37.51	819.61
EN-467	11/28/2016	857.12	37.50	819.62
EN-468	5/24/2016	852.36	36.13	816.23
EN-468	8/3/2016	852.36	36.58	815.78
EN-468	11/28/2016	852.36	36.57	815.79
EN-469	2/1/2016	849.75	Dry	-1.00
EN-469	5/24/2016	849.75	Dry	-1.00
EN-469	8/3/2016	849.75	Dry	-1.00
EN-469	11/28/2016	849.75	Dry	-1.00
EN-470	5/24/2016	846.85	20.95	825.90
EN-470	8/3/2016	846.85	21.43	825.42
EN-470	11/28/2016	846.85	20.66	826.19
EN-471	2/1/2016	853.30	24.25	829.05
EN-471	5/24/2016	853.30	21.99	831.31
EN-471	5/26/2016	853.30	24.14	829.16
EN-471	9/15/2016	853.30	24.28	829.02
EN-471	11/28/2016	853.30	24.27	829.03
EN-472	2/1/2016	849.43	20.68	828.75
EN-472	5/24/2016	849.43	20.37	829.06
EN-472	5/26/2016	849.43	20.49	828.94
EN-472	9/15/2016	849.43	20.61	828.82
EN-472	11/28/2016	849.43	20.82	828.61
EN-473A	5/24/2016	843.06	36.31	806.75

**Endicott, New York**

**Groundwater Elevation Data - 1/1/2016 to 12/31/2016**

*Note: "-1.00" means the Upper Aquifer is dry or unsaturated.*

<b>Well</b>	<b>Date of Measurement</b>	<b>M.P. Elev. (ft amsl)</b>	<b>Depth to Water (ft)</b>	<b>Groundwater Elevation</b>
EN-473A	8/3/2016	843.06	39.80	803.26
EN-473A	11/28/2016	843.06	38.84	804.22
EN-473B	5/24/2016	843.14	36.37	806.77
EN-473B	8/3/2016	843.14	39.55	803.59
EN-473B	11/28/2016	843.14	38.97	804.17
EN-474	5/24/2016	836.33	15.85	820.48
EN-474	8/3/2016	836.33	16.21	820.12
EN-474	11/28/2016	836.33	16.40	819.93
EN-475	5/24/2016	850.49	29.54	820.95
EN-475	8/3/2016	850.49	30.23	820.26
EN-475	11/28/2016	850.49	30.23	820.26
EN-476	2/1/2016	849.81	Dry	-1.00
EN-476	5/24/2016	849.81	Dry	-1.00
EN-476	8/3/2016	849.81	Dry	-1.00
EN-476	11/28/2016	849.81	Dry	-1.00
EN-477	2/1/2016	848.33	32.85	815.48
EN-477	5/24/2016	848.33	33.07	815.26
EN-477	8/3/2016	848.33	34.10	814.23
EN-477	11/28/2016	848.33	33.37	814.96
EN-478A	5/24/2016	844.08	22.24	821.84
EN-478A	8/3/2016	844.08	23.92	820.16
EN-478A	11/28/2016	844.08	23.25	820.83
EN-478B	5/24/2016	844.14	22.18	821.96
EN-478B	8/3/2016	844.14	23.80	820.34
EN-478B	11/28/2016	844.14	23.07	821.07
EN-479A	5/24/2016	845.41	23.41	822.00
EN-479A	8/3/2016	845.41	25.11	820.30
EN-479A	11/28/2016	845.41	24.43	820.98
EN-479B	5/24/2016	845.20	23.39	821.81
EN-479B	8/3/2016	845.20	25.10	820.10
EN-479B	11/28/2016	845.20	24.40	820.80
EN-480A	5/24/2016	843.02	21.13	821.89
EN-480A	8/3/2016	843.02	22.80	820.22
EN-480A	11/28/2016	843.02	22.15	820.87
EN-480B	5/24/2016	842.85	21.00	821.85
EN-480B	8/3/2016	842.85	22.68	820.17
EN-480B	11/28/2016	842.85	22.03	820.82
EN-481A	5/24/2016	843.35	21.51	821.84
EN-481A	8/3/2016	843.35	23.19	820.16
EN-481A	11/28/2016	843.35	22.50	820.85
EN-481B	5/24/2016	842.99	21.53	821.46
EN-481B	8/3/2016	842.99	23.20	819.79
EN-481B	11/28/2016	842.99	22.50	820.49
EN-482	2/1/2016	847.44	30.99	816.45
EN-482	5/24/2016	847.44	31.28	816.16
EN-482	8/3/2016	847.44	32.28	815.16
EN-482	11/28/2016	847.44	31.52	815.92
EN-483	2/1/2016	839.08	11.24	827.84
EN-483	5/24/2016	839.08	11.34	827.74
EN-483	5/26/2016	839.08	11.39	827.69
EN-483	9/15/2016	839.08	12.00	827.08
EN-483	11/28/2016	839.08	12.55	826.53
EN-484	2/1/2016	838.21	9.95	828.26

**Endicott, New York**

**Groundwater Elevation Data - 1/1/2016 to 12/31/2016**

*Note: "-1.00" means the Upper Aquifer is dry or unsaturated.*

<b>Well</b>	<b>Date of Measurement</b>	<b>M.P. Elev. (ft amsl)</b>	<b>Depth to Water (ft)</b>	<b>Groundwater Elevation</b>
EN-484	5/24/2016	838.21	9.91	828.30
EN-484	5/26/2016	838.21	10.02	828.19
EN-484	9/13/2016	838.21	10.81	827.40
EN-484	9/15/2016	838.21	10.76	827.45
EN-484	11/28/2016	838.21	11.16	827.05
EN-485	2/1/2016	840.48	12.58	827.90
EN-485	5/24/2016	840.48	12.72	827.76
EN-485	5/26/2016	840.48	12.80	827.68
EN-485	9/13/2016	840.48	13.27	827.21
EN-485	9/15/2016	840.48	13.28	827.20
EN-485	11/28/2016	840.48	13.20	827.28
EN-486	2/1/2016	842.63	17.17	825.46
EN-486	5/24/2016	842.63	17.07	825.56
EN-486	5/26/2016	842.63	17.09	825.54
EN-486	9/15/2016	842.63	17.35	825.28
EN-486	11/28/2016	842.63	17.66	824.97
EN-487	2/10/2016	834.18	7.45	826.73
EN-487	5/24/2016	834.18	7.43	826.75
EN-487	8/3/2016	834.18	7.27	826.91
EN-487	8/11/2016	834.18	7.57	843.43
EN-487	11/17/2016	834.18	8.68	844.29
EN-487	11/28/2016	834.18	8.55	825.63
EN-488	2/1/2016	850.87	24.17	826.70
EN-488	5/24/2016	850.87	24.15	826.72
EN-488	5/26/2016	850.87	24.16	826.71
EN-488	9/13/2016	850.87	24.17	826.70
EN-488	9/15/2016	850.87	24.23	826.64
EN-488	11/28/2016	850.87	24.22	826.65
EN-489	2/1/2016	847.45	18.43	829.02
EN-489	5/24/2016	847.45	18.25	829.20
EN-489	5/26/2016	847.45	18.27	829.18
EN-489	9/13/2016	847.45	18.73	828.72
EN-489	9/15/2016	847.45	18.80	828.65
EN-489	11/28/2016	847.45	18.96	828.49
EN-490	5/24/2016	845.02	23.23	821.79
EN-490	8/3/2016	845.02	25.02	820.00
EN-490	11/28/2016	845.02	23.82	821.20
EN-491	5/24/2016	845.03	25.17	819.86
EN-491	8/3/2016	845.03	26.11	818.92
EN-491	11/28/2016	845.03	24.80	820.23
EN-491A	5/24/2016	844.31	21.97	822.34
EN-491A	8/3/2016	844.31	23.24	821.07
EN-491A	11/28/2016	844.31	22.46	821.85
EN-491T	5/24/2016	847.45	29.71	817.74
EN-491T	8/3/2016	847.45	31.60	815.85
EN-491T	11/28/2016	847.45	32.60	814.85
EN-492	5/24/2016	844.42	21.69	822.73
EN-492	8/3/2016	844.42	23.34	821.08
EN-492	11/28/2016	844.42	22.00	822.42
EN-492T	5/24/2016	846.64	23.65	822.99
EN-492T	8/3/2016	846.64	25.52	821.12
EN-492T	11/28/2016	846.64	24.18	822.46
EN-493	5/24/2016	848.33	26.77	821.56

**Endicott, New York**

**Groundwater Elevation Data - 1/1/2016 to 12/31/2016**

*Note: "-1.00" means the Upper Aquifer is dry or unsaturated.*

<b>Well</b>	<b>Date of Measurement</b>	<b>M.P. Elev. (ft amsl)</b>	<b>Depth to Water (ft)</b>	<b>Groundwater Elevation</b>
EN-493	8/3/2016	848.33	28.03	820.30
EN-493	11/28/2016	848.33	27.28	821.05
EN-494	5/24/2016	848.48	26.88	821.60
EN-494	8/3/2016	848.48	28.16	820.32
EN-494	11/28/2016	848.48	27.41	821.07
EN-495	5/24/2016	848.13	26.42	821.71
EN-495	8/3/2016	848.13	27.69	820.44
EN-495	11/28/2016	848.13	26.92	821.21
EN-496	5/24/2016	848.29	26.64	821.65
EN-496	8/3/2016	848.29	27.90	820.39
EN-496	11/28/2016	848.29	27.13	821.16
EN-497	5/24/2016	848.28	26.76	821.52
EN-497	8/3/2016	848.28	27.93	820.35
EN-497	11/28/2016	848.28	27.15	821.13
EN-498	5/24/2016	846.73	24.88	821.85
EN-498	8/3/2016	846.73	26.13	820.60
EN-498	11/28/2016	846.73	25.40	821.33
EN-499A	5/24/2016	846.40	24.97	821.43
EN-499A	8/3/2016	846.40	26.50	819.90
EN-499A	11/28/2016	846.40	25.75	820.65
EN-499B	5/24/2016	846.28	24.88	821.40
EN-499B	8/3/2016	846.28	26.52	819.76
EN-499B	11/28/2016	846.28	25.76	820.52
EN-500A	5/24/2016	844.47	22.79	821.68
EN-500A	8/3/2016	844.47	24.25	820.22
EN-500A	11/28/2016	844.47	23.56	820.91
EN-500B	5/24/2016	844.55	22.84	821.71
EN-500B	8/3/2016	844.55	24.43	820.12
EN-500B	11/28/2016	844.55	23.80	820.75
EN-501	5/24/2016	842.49	20.63	821.86
EN-501	8/3/2016	842.49	22.36	820.13
EN-501	11/28/2016	842.49	21.70	820.79
EN-502	5/24/2016	847.14	26.16	820.98
EN-502	8/3/2016	847.14	27.32	819.82
EN-502	11/28/2016	847.14	26.73	820.41
EN-503	5/24/2016	844.94	22.91	822.03
EN-503	8/3/2016	844.94	24.14	820.80
EN-503	11/28/2016	844.94	23.56	821.38
EN-504	5/24/2016	845.97	24.63	821.34
EN-504	8/3/2016	845.97	25.90	820.07
EN-504	11/28/2016	845.97	25.26	820.71
EN-505	5/24/2016	843.84	21.99	821.85
EN-505	8/3/2016	843.84	22.86	820.98
EN-505	11/28/2016	843.84	21.33	822.51
EN-506	5/24/2016	844.21	22.87	821.34
EN-506	8/3/2016	844.21	23.96	820.25
EN-506	11/28/2016	844.21	22.49	821.72
EN-507	2/1/2016	840.75	12.90	827.85
EN-507	5/24/2016	840.75	13.06	827.69
EN-507	5/26/2016	840.75	13.12	827.63
EN-507	9/15/2016	840.75	13.68	827.07
EN-507	11/28/2016	840.75	13.55	827.20
EN-508	2/1/2016	847.68	17.71	829.97

Endicott, New York

Groundwater Elevation Data - 1/1/2016 to 12/31/2016

Note: "-1.00" means the Upper Aquifer is dry or unsaturated.

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Water (ft)	Groundwater Elevation
EN-508	5/24/2016	847.68	17.81	829.87
EN-508	5/26/2016	847.68	17.81	829.87
EN-508	9/13/2016	847.68	Dry	-1.00
EN-508	9/15/2016	847.68	Dry	-1.00
EN-508	11/28/2016	847.68	18.12	829.56
EN-509	2/1/2016	845.70	12.06	833.64
EN-509	5/24/2016	845.70	13.74	831.96
EN-509	5/26/2016	845.70	13.90	831.80
EN-509	9/13/2016	845.70	16.37	829.33
EN-509	9/15/2016	845.70	16.38	829.32
EN-509	11/28/2016	845.70	16.75	828.95
EN-510	5/24/2016	839.83	17.88	821.95
EN-510	8/3/2016	839.83	19.05	820.78
EN-510	11/28/2016	839.83	18.75	821.08
EN-511	5/24/2016	839.89	17.52	822.37
EN-511	8/3/2016	839.89	18.89	821.00
EN-511	11/28/2016	839.89	18.43	821.46
EN-513	2/1/2016	849.57	17.77	831.80
EN-513	5/24/2016	849.57	17.94	831.63
EN-513	8/3/2016	849.57	21.69	827.88
EN-513	11/28/2016	849.57	17.56	832.01
EN-514	2/1/2016	847.43	19.18	828.25
EN-514	5/24/2016	847.43	19.40	828.03
EN-514	8/3/2016	847.43	20.30	827.13
EN-514	11/28/2016	847.43	19.01	828.42
EN-515	2/1/2016	849.48	20.04	829.44
EN-515	5/24/2016	849.48	20.12	829.36
EN-515	8/3/2016	849.48	21.81	827.67
EN-515	11/28/2016	849.48	19.90	829.58
EN-516	2/1/2016	849.70	21.17	828.53
EN-516	5/24/2016	849.70	21.14	828.56
EN-516	8/3/2016	849.70	22.28	827.42
EN-516	11/28/2016	849.70	21.02	828.68
EN-517	5/24/2016	839.87	17.95	821.92
EN-517	8/3/2016	839.87	19.09	820.78
EN-517	11/28/2016	839.87	18.83	821.04
EN-518	5/24/2016	840.24	18.13	822.11
EN-518	8/3/2016	840.24	19.35	820.89
EN-518	11/28/2016	840.24	18.94	821.30
EN-519	5/24/2016	841.70	18.73	822.97
EN-519	8/3/2016	841.70	19.90	821.80
EN-519	11/28/2016	841.70	19.47	822.23
EN-520	2/1/2016	849.58	20.45	829.13
EN-520	5/24/2016	849.58	20.21	829.37
EN-520	5/26/2016	849.58	20.22	829.36
EN-520	9/13/2016	849.58	20.64	828.94
EN-520	9/15/2016	849.58	20.68	828.90
EN-520	11/28/2016	849.58	20.70	828.88
EN-521	2/1/2016	848.14	17.88	830.26
EN-521	5/24/2016	848.14	17.99	830.15
EN-521	5/26/2016	848.14	18.16	829.98
EN-521	9/13/2016	848.14	18.52	829.62
EN-521	9/15/2016	848.14	18.55	829.59



Endicott, New York

Groundwater Elevation Data - 1/1/2016 to 12/31/2016

Note: "-1.00" means the Upper Aquifer is dry or unsaturated.

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Water (ft)	Groundwater Elevation
EN-521	11/28/2016	848.14	18.13	830.01
EN-522	2/1/2016	837.45	8.64	828.81
EN-522	5/24/2016	837.45	8.60	828.85
EN-522	5/26/2016	837.45	8.72	828.73
EN-522	9/13/2016	837.45	9.37	828.08
EN-522	9/15/2016	837.45	9.27	828.18
EN-522	11/28/2016	837.45	9.48	827.97
EN-523	5/24/2016	838.39	14.31	824.08
EN-523	8/3/2016	838.39	14.32	824.07
EN-523	11/28/2016	838.39	14.36	824.03
EN-524	5/24/2016	839.87	17.46	822.41
EN-524	8/3/2016	839.87	18.00	821.87
EN-524	11/28/2016	839.87	18.03	821.84
EN-525	2/1/2016	850.06	Dry	-1.00
EN-525	5/24/2016	850.06	Dry	-1.00
EN-525	5/26/2016	850.06	Dry	-1.00
EN-525	11/28/2016	850.06	Dry	-1.00
EN-526	2/1/2016	850.57	40.87	809.70
EN-526	5/24/2016	850.57	40.94	809.63
EN-526	5/26/2016	850.57	40.95	809.62
EN-526	11/28/2016	850.57	40.85	809.72
EN-527	5/24/2016	848.76	19.84	828.92
EN-527	8/3/2016	848.76	20.60	828.16
EN-527	11/28/2016	848.76	Dry	-1.00
EN-528	5/24/2016	848.95	19.89	829.06
EN-528	8/3/2016	848.95	20.25	828.70
EN-528	11/28/2016	848.95	20.39	828.56
EN-529	5/24/2016	847.10	19.38	827.72
EN-529	8/3/2016	846.72	20.22	826.50
EN-529	11/28/2016	846.72	19.88	826.84
EN-531	2/1/2016	849.22	23.78	825.44
EN-531	5/24/2016	849.22	23.27	825.95
EN-531	8/3/2016	849.22	23.97	825.25
EN-531	11/28/2016	849.22	23.40	825.82
EN-532	5/24/2016	844.84	21.56	823.28
EN-532	8/3/2016	844.84	22.84	822.00
EN-532	11/28/2016	844.84	22.31	822.53
EN-533	2/1/2016	836.11	8.29	827.82
EN-533	2/8/2016	836.11	8.27	827.84
EN-533	4/25/2016	836.11	8.52	827.59
EN-533	5/24/2016	836.11	8.65	827.46
EN-533	5/26/2016	836.11	8.65	827.46
EN-533	7/5/2016	836.11	7.79	828.32
EN-533	8/23/2016	836.11	8.64	827.47
EN-533	9/13/2016	836.11	10.06	826.05
EN-533	9/15/2016	836.11	10.20	825.91
EN-533	9/27/2016	836.11	10.68	825.43
EN-533	10/7/2016	836.11	10.97	825.14
EN-533	10/14/2016	836.11	11.03	825.08
EN-533	10/24/2016	836.11	10.26	825.85
EN-533	11/3/2016	836.11	10.3	825.81
EN-533	11/10/2016	836.11	11.07	825.04
EN-533	11/22/2016	836.11	11.68	824.43

**Endicott, New York**

**Groundwater Elevation Data - 1/1/2016 to 12/31/2016**

*Note: "-1.00" means the Upper Aquifer is dry or unsaturated.*

<b>Well</b>	<b>Date of Measurement</b>	<b>M.P. Elev. (ft amsl)</b>	<b>Depth to Water (ft)</b>	<b>Groundwater Elevation</b>
EN-533	11/28/2016	836.11	11.91	824.20
EN-533	12/19/2016	836.11	11.09	825.02
EN-534	5/24/2016	844.63	21.81	822.82
EN-534	8/3/2016	844.63	23.29	821.34
EN-534	11/28/2016	844.63	22.41	822.22
EN-600	5/24/2016	843.47	6.90	836.57
EN-600	5/26/2016	843.47	7.00	836.47
EN-600	8/3/2016	843.47	6.92	836.55
EN-604	5/24/2016	841.75	5.72	836.03
EN-604	5/26/2016	841.75	6.28	835.47
EN-604	8/3/2016	841.75	5.71	836.04
EN-606	5/24/2016	842.02	7.56	834.46
EN-606	5/26/2016	842.02	7.93	834.09
EN-606	8/3/2016	842.02	7.27	834.75
EN-608	5/24/2016	843.11	9.17	833.94
EN-608	8/3/2016	843.11	8.69	834.42
EN-616	5/24/2016	843.98	10.55	833.43
EN-616	8/3/2016	843.98	10.28	833.70
EN-617	5/24/2016	844.09	6.31	837.78
EN-617	8/3/2016	844.09	6.36	837.73
EN-618	5/24/2016	842.72	6.31	836.41
EN-618	8/3/2016	842.72	6.26	836.46
EN-623	5/24/2016	847.97	11.67	836.30
EN-623	5/26/2016	847.97	11.90	836.07
EN-623	8/3/2016	847.97	11.29	836.68
EN-624	5/24/2016	849.01	12.36	836.65
EN-624	5/26/2016	849.01	12.58	836.43
EN-624	8/3/2016	849.01	12.02	836.99
EN-626	5/24/2016	842.76	4.61	838.15
EN-626	8/3/2016	842.76	4.77	837.99
EN-632	5/24/2016	842.67	9.00	833.67
EN-632	5/26/2016	842.67	9.32	833.35
EN-632	8/3/2016	842.67	12.73	829.94
EN-638	5/24/2016	841.56	6.65	834.91
EN-638	8/3/2016	841.56	8.01	833.55
EN-640	5/24/2016	842.48	6.88	835.60
EN-640	8/3/2016	842.48	5.05	837.43
EN-641	5/24/2016	840.68	5.55	835.13
EN-641	8/3/2016	840.68	6.03	834.65
EN-642	5/24/2016	844.00	6.17	837.83
EN-642	8/3/2016	844.00	5.73	838.27
EN-644	5/24/2016	846.19	7.04	839.15
EN-644	8/3/2016	846.19	7.88	838.31
EN-648	5/24/2016	845.89	5.22	840.67
EN-648	8/3/2016	845.89	5.74	840.15
EN-650	5/24/2016	845.21	2.38	842.83
EN-650	8/3/2016	845.21	3.10	842.11
EN-651	5/24/2016	845.27	12.01	833.26
EN-651	8/3/2016	845.27	11.23	834.04
EN-652	5/24/2016	843.62	10.57	833.05
EN-652	8/3/2016	843.62	10.30	833.32
EN-653	5/24/2016	844.54	11.33	833.21
EN-653	8/3/2016	844.54	10.50	834.04

**Endicott, New York**

**Groundwater Elevation Data - 1/1/2016 to 12/31/2016**

*Note: "-1.00" means the Upper Aquifer is dry or unsaturated.*

<b>Well</b>	<b>Date of Measurement</b>	<b>M.P. Elev. (ft amsl)</b>	<b>Depth to Water (ft)</b>	<b>Groundwater Elevation</b>
EN-655	5/24/2016	839.28	5.82	833.46
EN-655	5/26/2016	839.28	5.83	833.45
EN-655	8/3/2016	839.28	4.98	834.30
EN-679	5/24/2016	851.71	19.34	832.37
EN-679	5/26/2016	851.71	19.42	832.29
EN-679	8/3/2016	851.71	19.90	831.81
EN-684A	5/24/2016	849.45	18.74	830.71
EN-684A	8/3/2016	849.45	19.33	830.12
EN-687	5/24/2016	847.83	18.20	829.63
EN-687	5/26/2016	847.83	18.23	829.60
EN-687	8/3/2016	847.83	18.72	829.11
EN-692	5/24/2016	841.76	8.10	833.66
EN-692	8/3/2016	841.76	6.88	834.88
EN-694	5/24/2016	838.17	4.93	833.24
EN-694	8/3/2016	838.17	4.10	834.07
EN-696	5/24/2016	845.50	12.25	833.25
EN-696	8/3/2016	845.50	11.77	833.73
EN-698	5/24/2016	849.01	15.82	833.19
EN-698	8/3/2016	849.01	15.48	833.53
EN-700	5/24/2016	846.95	13.90	833.05
EN-700	8/3/2016	846.95	13.54	833.41
EN-701	5/24/2016	847.23	14.08	833.15
EN-701	8/3/2016	847.23	13.68	833.55
EN-702	5/24/2016	841.14	7.28	833.86
EN-702	8/3/2016	841.14	7.40	833.74
EN-704	5/24/2016	840.54	8.75	831.79
EN-704	8/3/2016	840.54	8.60	831.94
EN-705	5/24/2016	840.57	7.48	833.09
EN-705	8/3/2016	840.57	7.90	832.67
EN-709	5/24/2016	841.56	19.07	822.49
EN-709	5/26/2016	841.56	22.68	818.88
EN-709	8/3/2016	841.56	6.37	835.19
EN-710	5/24/2016	845.06	7.76	837.30
EN-710	8/3/2016	845.06	6.37	838.69
EN-711	5/24/2016	843.13	9.90	833.23
EN-711	8/3/2016	843.13	9.53	833.60
EN-712	5/24/2016	843.17	9.96	833.21
EN-712	8/3/2016	843.17	9.60	833.57
EN-713	5/24/2016	843.21	6.80	836.41
EN-713	8/3/2016	843.21	Dry	-1.00
EN-714	5/24/2016	846.64	17.18	829.46
EN-714	5/26/2016	846.64	17.37	829.27
EN-714	8/3/2016	846.64	17.80	828.84
EN-715	5/24/2016	847.20	17.38	829.82
EN-715	5/26/2016	847.20	19.01	828.19
EN-715	8/3/2016	847.20	19.17	828.03
EN-716	5/24/2016	843.72	12.96	830.76
EN-716	5/26/2016	843.72	13.89	829.83
EN-716	8/3/2016	843.72	14.00	829.72
EN-717	5/24/2016	847.36	17.98	829.38
EN-717	5/26/2016	847.36	18.55	828.81
EN-717	8/3/2016	847.36	18.88	828.48
EN-718	5/24/2016	843.28	11.95	831.33

**Endicott, New York**

**Groundwater Elevation Data - 1/1/2016 to 12/31/2016**

*Note: "-1.00" means the Upper Aquifer is dry or unsaturated.*

<b>Well</b>	<b>Date of Measurement</b>	<b>M.P. Elev. (ft amsl)</b>	<b>Depth to Water (ft)</b>	<b>Groundwater Elevation</b>
EN-718	5/26/2016	843.28	12.65	830.63
EN-718	8/3/2016	843.28	12.64	830.64
EN-719	5/24/2016	844.65	14.85	829.80
EN-719	5/26/2016	844.65	14.97	829.68
EN-719	8/3/2016	844.65	15.53	829.12
EN-720	5/24/2016	845.05	15.60	829.45
EN-720	8/3/2016	845.05	16.15	828.90
EN-721	5/24/2016	844.93	8.40	836.53
EN-721	8/3/2016	844.93	8.29	836.64
EN-722	5/24/2016	844.86	11.53	833.33
EN-722	8/3/2016	844.86	11.26	833.60
EN-723	5/24/2016	844.70	10.94	833.76
EN-723	8/3/2016	844.70	10.58	834.12
EN-724	5/24/2016	841.79	7.09	834.70
EN-724	8/3/2016	841.79	6.59	835.20
EN-725	5/24/2016	841.73	7.60	834.13
EN-725	8/3/2016	841.73	6.41	835.32
EN-726	5/24/2016	850.34	20.67	829.67
EN-726	8/3/2016	850.34	21.32	829.02
EN-727	5/24/2016	853.26	23.14	830.12
EN-727	8/3/2016	853.26	23.33	829.93
DEC-MW-34D	5/24/2016	843.49	10.32	833.17
DEC-MW-34D	8/3/2016	843.49	9.96	833.53
RMJ-MW-1	2/10/2016	843.41	23.10	820.31
RMJ-MW-1	5/24/2016	843.41	22.95	820.46
RMJ-MW-1	8/3/2016	843.41	23.35	820.06
RMJ-MW-1	8/11/2016	843.41	23.52	825.93
RMJ-MW-1	11/17/2016	843.41	23.86	814.54
RMJ-MW-1	11/28/2016	843.41	23.91	819.50
RMJ-MW-2	2/10/2016	841.23	21.08	820.15
RMJ-MW-2	5/24/2016	841.23	20.98	820.25
RMJ-MW-2	8/3/2016	841.23	21.39	819.84
RMJ-MW-2	8/11/2016	841.23	21.51	829.15
RMJ-MW-2	11/17/2016	841.23	21.88	819.33
RMJ-MW-2	11/28/2016	841.23	21.95	819.28
RMJ-MW-3	2/10/2016	840.97	21.14	819.83
RMJ-MW-3	5/24/2016	840.97	20.99	819.98
RMJ-MW-3	8/3/2016	840.97	21.47	819.50
RMJ-MW-3	8/11/2016	840.97	21.57	830.00
RMJ-MW-3	11/17/2016	840.97	21.00	816.81
RMJ-MW-3	11/28/2016	840.97	22.00	818.97
RMJ-MW-4	2/10/2016	843.32	23.32	820.00
RMJ-MW-4	5/24/2016	843.32	23.17	820.15
RMJ-MW-4	8/3/2016	843.32	23.66	819.66
RMJ-MW-4	8/11/2016	843.32	23.77	814.44
RMJ-MW-4	11/17/2016	843.32	24.10	813.48
RMJ-MW-4	11/28/2016	843.32	24.19	819.13
RMJ-MW-5	2/10/2016	838.79	18.95	819.84
RMJ-MW-5	5/24/2016	838.79	18.80	819.99
RMJ-MW-5	8/3/2016	838.79	19.23	819.56
RMJ-MW-5	8/11/2016	838.79	19.35	821.13
RMJ-MW-5	11/17/2016	838.79	19.74	817.71
RMJ-MW-5	11/28/2016	838.79	19.88	818.91

Endicott, New York

Groundwater Elevation Data - 1/1/2016 to 12/31/2016

Note: "-1.00" means the Upper Aquifer is dry or unsaturated.

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Water (ft)	Groundwater Elevation
RMJ-MW-6	2/10/2016	839.69	20.20	819.49
RMJ-MW-6	5/24/2016	839.69	20.01	819.68
RMJ-MW-6	8/3/2016	839.69	20.48	819.21
RMJ-MW-6	8/11/2016	839.69	20.61	830.26
RMJ-MW-6	11/17/2016	839.69	21.95	815.16
RMJ-MW-6	11/28/2016	839.69	21.00	818.69
<b>Lower Aquifer and Bedrock Wells</b>				
EN-D01	5/24/2016	841.58	33.18	808.40
EN-D01	8/3/2016	841.58	34.71	806.87
EN-D02	5/24/2016	844.84	37.97	806.87
EN-D02	8/3/2016	844.84	38.61	806.23
EN-D03	5/24/2016	843.26	36.84	806.42
EN-D03	8/3/2016	843.26	37.94	805.32
EN-D04	5/24/2016	854.87	49.38	805.49
EN-D04	8/3/2016	854.87	42.29	812.58
EN-D04S	5/24/2016	854.60	49.02	805.58
EN-D04S	8/3/2016	854.60	49.35	805.25
EN-D06	5/24/2016	852.94	51.20	801.74
EN-D06	8/3/2016	852.94	50.32	802.62
EN-D07	5/24/2016	848.03	39.87	808.16
EN-D07	8/3/2016	848.03	40.32	807.71
EN-D10	5/24/2016	849.53	40.15	809.38
EN-D10	8/3/2016	849.53	42.26	807.27
EN-D11	5/24/2016	850.24	40.14	810.10
EN-D11	8/3/2016	850.24	42.42	807.82
EN-D12	5/24/2016	854.05	44.58	809.47
EN-D12	8/3/2016	854.05	45.23	808.82
EN-D13	5/24/2016	845.31	21.40	823.91
EN-D13	8/3/2016	845.31	21.66	823.65
EN-D14	5/24/2016	846.22	22.37	823.85
EN-D14	8/3/2016	846.22	22.63	823.59
EN-D30	5/24/2016	848.01	36.60	811.41
EN-D30	8/3/2016	848.01	37.77	810.24
EN-D31	5/24/2016	846.15	37.75	808.40
EN-D31	8/3/2016	846.15	38.92	807.23
EN-D33	5/24/2016	851.06	37.22	813.84
EN-D33	8/3/2016	851.06	37.62	813.44
EN-D34	5/24/2016	850.81	38.31	812.50
EN-D34	8/3/2016	850.81	38.73	812.08
EN-D35	5/24/2016	848.23	36.63	811.60
EN-D35	8/3/2016	848.23	37.67	810.56
EN-D36	5/24/2016	845.50	35.72	809.78
EN-D36	8/3/2016	845.50	37.02	808.48
EN-D37	5/24/2016	849.67	50.56	799.11
EN-D37	8/3/2016	849.67	50.99	798.68
EN-D38	5/24/2016	851.62	40.19	811.43
EN-D38	8/3/2016	851.62	40.88	810.74
EN-D39	5/24/2016	850.25	37.72	812.53
EN-D39	8/3/2016	850.25	38.25	812.00
EN-D40	5/24/2016	849.83	43.74	806.09
EN-D40	8/3/2016	849.83	44.29	805.54
EN-D41	5/24/2016	846.50	38.96	807.54
EN-D41	8/3/2016	846.50	39.85	806.65

**Endicott, New York**

**Groundwater Elevation Data - 1/1/2016 to 12/31/2016**

*Note: "-1.00" means the Upper Aquifer is dry or unsaturated.*

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Water (ft)	Groundwater Elevation
EN-D42	5/24/2016	843.81	32.03	811.78
EN-D42	8/3/2016	843.81	32.62	811.19
EN-D43	5/24/2016	849.70	34.90	814.80
EN-D43	8/3/2016	849.70	35.27	814.43
EN-D44	5/24/2016	852.77	40.58	812.19
EN-D44	8/3/2016	852.77	41.01	811.76
EN-D45	5/24/2016	850.75	38.63	812.12
EN-D45	8/3/2016	850.75	39.04	811.71
EN-D46	5/24/2016	850.08	35.18	814.90
EN-D46	8/3/2016	850.08	35.53	814.55
EN-D47	5/24/2016	853.42	38.07	815.35
EN-D47	8/3/2016	853.42	38.83	814.59
EN-D48	5/24/2016	845.75	30.68	815.07
EN-D48	8/3/2016	845.75	30.99	814.76
EN-D49	5/24/2016	852.73	57.25	795.48
EN-D49	8/3/2016	852.73	57.36	795.37

Well	Date of Measurement	M.P. Elev. (ft amsl)	Depth to Oil (ft)	Depth to Water (ft)	Oil Thickness (ft)	Groundwater Elevation (ft amsl)
<b>Endicott Forging Wells</b>						
MW-5	09/15/16	845.16	13.60	Dry	1.1	-1.00
MW-6	09/15/16	844.29	14.98	15.31	0.33	829.24
MW-7	09/15/16	846.90	None	Dry	NA	-1.00
MW-8	09/15/16	849.03	None	14.68	NA	834.35
MW-12	09/15/16	844.77	14.30	14.41	0.11	830.45

**Key:**

M.P. Elev. = Measuring Point Elevation

ft amsl = feet above mean sea level

## **APPENDIX D**

### **Groundwater Monitoring Plan for 2016**

**Table D-1: Hydraulic Effectiveness Monitoring Wells**

**Table D-2: Remedial Action Effectiveness Wells**

**Table D-1: Hydraulic Effectiveness Monitoring Wells  
for Groundwater Elevations**

(effective January 1, 2016)

Well	Site Area	M.P. Elev. (ft amsl)	Planar Coordinates	
			Northing (grid feet)	Easting (grid feet)
DOT-1	OU2	849.14	767787.6	967316.7
DOT-2	OU2	848.57	767738.5	967120.7
DOT-3	OU2	848.73	767724.8	967045.4
DOT-4	OU2	848.61	767712.7	966981.0
DI-1	OU2	849.06	767601.9	966083.1
DI-2	OU2	848.32	767721.3	966062.2
DI-3	OU2	846.48	767835.9	966043.0
EN-002	OU1	842.54	767896.0	965175.6
EN-006	MAA	852.34	766868.9	966244.7
EN-012	OU2	851.86	767813.4	965734.6
EN-013	OU2	851.93	767740.6	965756.2
EN-014	OU2	852.00	767673.4	965777.3
EN-015	OU2	851.81	767579.0	965797.0
EN-016	OU2	852.22	767501.0	965816.7
EN-017	OU2	852.15	767469.7	965884.6
EN-018	OU2	851.45	767492.1	965981.4
EN-019	OU2	852.34	767516.3	966085.1
EN-020	OU2	851.30	767652.7	966078.8
EN-021	OU2	847.84	767842.4	966114.7
EN-022	MAA	844.48	765902.8	966142.3
EN-023	OU4	850.37	767459.8	967000.6
EN-024	OU2	852.01	767346.3	965453.2
EN-026	OU7	840.96	767734.7	964681.3
EN-029A	MAA	850.38	766861.7	965833.8
EN-030	OU5	853.18	768031.9	968437.2
EN-034	OU1	841.49	768325.1	966085.7
EN-035	OU2	854.22	767575.0	966442.4
EN-036	OU2	852.97	767620.9	966557.1
EN-037	OU1	839.97	768169.1	966448.9
EN-038	OU1	838.40	768087.2	966059.8
EN-039	OU1	841.21	768085.7	966049.8
EN-040	OU1	837.81	768084.7	966039.5
EN-041	OU1	837.58	768083.4	966029.3
EN-042	OU1	837.45	768081.6	966019.9
EN-044	OU1	837.11	768080.5	966005.2
EN-045	OU1	836.94	768078.6	965990.3
EN-046	OU1	837.60	768130.7	966069.2
EN-047	OU1	837.48	768145.7	966068.7
EN-048	OU1	837.54	768160.1	966068.1
EN-049	OU1	837.49	768174.8	966067.4
EN-051	OU1	839.65	768039.7	965777.3
EN-052	OU1	839.44	768057.4	965883.3
EN-053	OU1	837.86	768246.0	966073.2
EN-054	OU2	851.49	767827.5	965260.7
EN-055	OU1	841.46	768198.4	966526.2
EN-056	OU1	844.07	768239.5	966737.8
EN-058	OU1	845.75	768221.9	966598.0
EN-060	MAA	842.06	766403.6	964492.0



**Table D-1: Hydraulic Effectiveness Monitoring Wells  
for Groundwater Elevations**

(effective January 1, 2016)

Well	Site Area	M.P. Elev. (ft amsl)	Planar Coordinates	
			Northing (grid feet)	Easting (grid feet)
EN-062	MAA	840.96	766060.1	965231.9
EN-064	MAA	842.53	765919.6	965691.4
EN-065	OU4	854.92	767262.1	967664.4
EN-066	OU7	839.70	767313.8	963976.9
EN-067	OU7	837.85	767506.0	963916.1
EN-069	OU7	839.14	767791.7	964213.4
EN-070	OU7	841.66	767582.2	964403.0
EN-072	OU7	838.45	768035.7	964873.6
EN-073	OU1	839.74	768219.9	965240.8
EN-074	OU2	851.59	767763.7	965085.5
EN-075	OU2	851.20	767593.3	965314.9
EN-076	OU2	853.06	767266.2	965054.1
EN-077	OU2	854.25	767323.7	966172.9
EN-078	MAA	852.16	767192.6	966537.8
EN-079	OU4	848.15	766602.6	967052.4
EN-080	OU4	848.14	767021.8	967019.9
EN-081	OU2	850.03	767678.2	966842.0
EN-083	OU1	845.78	768419.0	967226.7
EN-084	OU1	851.75	768961.7	967039.1
EN-086	OU5	844.31	768273.7	967894.7
EN-087	OU5	846.42	768057.7	967943.1
EN-091	MAA	847.61	766867.0	965197.4
EN-091A	MAA	848.14	766862.4	965174.5
<b>EN-091T</b>	MAA	850.08	766861.1	965171.8
EN-092	MAA	850.53	766864.2	965627.2
EN-092A	MAA	847.21	766739.1	965638.6
EN-093	MAA	848.68	766606.2	965763.0
EN-094	MAA	848.61	766834.3	964775.9
EN-095	OU7	846.08	766654.7	963794.2
EN-096	OU7	838.65	767199.1	963686.1
EN-097	OU1	840.59	768428.5	965085.0
EN-099	MAA	845.64	766614.6	965767.5
EN-100	MAA	845.77	766632.6	965772.1
EN-102	MAA	849.88	766614.0	965833.5
EN-103	OU7	836.98	766097.3	963524.3
EN-104	OU7	840.27	766472.9	963371.6
EN-105	OU7	834.60	767254.2	963408.9
EN-106	OU1	853.89	768520.0	966315.1
<b>EN-107R</b>	OU1	839.23	767998.6	965560.5
EN-111	OU2	842.95	767907.0	966076.1
EN-112	OU2	843.18	767909.3	966096.5
EN-113	OU2	843.44	767875.9	966086.8
EN-114	OU1	836.40	768150.5	965514.1
<b>EN-114T</b>	OU1	838.87	768162.6	965512.6
EN-117	OU1	842.78	767955.8	965334.0
EN-121	OU7	837.09	768063.0	964325.4
EN-122	OU7	836.39	768044.4	964079.1
EN-123	OU7	835.41	767897.3	963919.8

**Table D-1: Hydraulic Effectiveness Monitoring Wells  
for Groundwater Elevations**

(effective January 1, 2016)

Well	Site Area	M.P. Elev. (ft amsl)	Planar Coordinates	
			Northing (grid feet)	Easting (grid feet)
EN-125	MAA	845.47	766639.4	964791.8
EN-126	MAA	843.71	766505.6	964800.4
EN-127	OU4	844.86	767630.8	967042.1
EN-129	OU4	846.48	767796.0	967634.5
EN-130	OU4	850.12	767449.9	967345.6
EN-131	MAA	862.22	766631.8	967686.1
EN-132	MAA	848.49	766896.6	964871.3
<b>EN-133</b>	MAA	846.95	766913.0	964882.7
EN-146	OU7	837.49	768041.2	964497.4
EN-148	OU2	851.61	767892.2	965482.5
EN-149	OU7	841.06	767125.6	963726.5
EN-150	OU7	841.04	767120.4	963722.2
EN-151	OU7	838.74	767207.6	963800.4
EN-152	OU7	838.74	767207.3	963804.4
EN-153	OU7	838.21	767250.1	963602.8
EN-154R	OU7	838.31	767174.9	963749.6
EN-161	MAA	847.17	766402.3	966798.6
EN-162	MAA	856.48	766289.3	967137.1
EN-163	MAA	860.31	766431.6	967402.0
EN-164	OU7	842.10	767402.0	964107.8
EN-165	OU7	838.31	767347.6	963932.5
EN-166	OU7	837.32	767694.7	963919.0
EN-167	OU7	835.48	767855.0	964021.8
EN-170	MAA	847.08	766581.9	966800.3
EN-173	OU4	846.33	766748.4	967039.9
EN-174	MAA	855.83	766797.2	967382.4
EN-175	OU4	839.38	766605.6	967059.2
EN-176	OU7	842.88	767315.2	963979.9
EN-177	OU7	841.88	767511.4	964278.0
EN-178	OU3	854.18	765414.3	968428.8
EN-182	OU4	847.90	766588.1	966890.5
EN-183	OU4	846.97	766591.4	966957.9
EN-184	OU1	846.44	768400.4	966925.6
EN-186	OU2	851.62	767790.5	965167.7
EN-187	OU2	851.66	767750.6	965438.4
EN-188	OU2	848.13	767638.5	965216.2
EN-189	OU2	851.00	767745.6	965279.8
EN-190	MAA	851.76	766673.4	965993.1
EN-191A	MAA	848.52	766528.4	965959.3
EN-192	MAA	850.71	766545.3	966307.2
EN-193	MAA	848.28	766578.0	966617.7
<b>EN-194</b>	MAA	843.46	766532.8	965964.2
EN-195	MAA	838.02	766583.4	966626.3
EN-200	OU1	850.27	768873.4	966000.9
EN-202	OU7	848.44	766785.8	964096.1
EN-203	MAA	846.10	766231.7	965611.8
EN-204	MAA	856.44	766006.6	966857.7
EN-206	OU3	859.47	765630.8	967350.4

**Table D-1: Hydraulic Effectiveness Monitoring Wells  
for Groundwater Elevations**

(effective January 1, 2016)

Well	Site Area	M.P. Elev. (ft amsl)	Planar Coordinates	
			Northing (grid feet)	Easting (grid feet)
EN-207	OU3	854.92	765103.8	967941.8
EN-208A	OU3	851.64	765316.0	966842.0
EN-210	OU3	850.67	764809.6	967490.8
EN-211	OU7	837.73	767943.8	964162.3
EN-213A	OU3	853.94	765480.0	967101.0
EN-214A	MAA	846.40	766180.0	966720.0
EN-214B	MAA	846.46	766180.0	966729.0
EN-215A	MAA	847.50	766446.3	966088.2
EN-215B	MAA	847.47	766448.9	966087.9
<b>EN-215T</b>	MAA	847.00	766452.0	966086.8
EN-217A	OU3	857.13	765842.0	967646.0
<b>EN-219R</b>	OU1	843.95	768172.3	966576.4
<b>EN-253R</b>	OU1	843.96	768095.2	966134.3
<b>EN-276</b>	OU2	852.29	767520.7	965805.6
<b>EN-276R</b>	OU2	852.54	767499.1	965813.8
EN-276A	OU2	849.39	767519.3	965800.2
EN-277	OU2	852.36	767318.5	965961.0
EN-278	MAA	850.75	767158.1	965972.7
EN-279	MAA	850.30	767150.1	965974.4
EN-284	OU2	850.72	767197.2	965870.3
<b>EN-284P</b>	OU2	852.86	767175.0	965865.7
EN-301	MAA	848.16	767006.0	964763.0
EN-302	MAA	843.02	767206.0	966730.0
EN-304	OU5	849.63	768017.0	968309.0
EN-310	OU3	846.05	765245.0	966270.0
EN-311	OU3	849.30	764773.0	966366.0
EN-380	OU4	847.35	767138.9	966898.8
EN-381	OU4	846.35	766894.0	967095.5
EN-382	OU4	852.26	767081.3	967368.0
EN-384	OU4	847.86	767466.0	967099.9
EN-385	OU4	846.21	767702.4	967242.4
EN-386	OU4	848.49	767548.3	967160.4
EN-387A	OU4	854.23	767474.2	967458.8
EN-392R	OU4	846.95	767749.9	967440.0
EN-393	OU4	847.94	767271.7	967034.8
EN-394	OU4	851.42	767254.7	967358.5
EN-395	OU4	849.91	767514.5	967649.2
EN-396	OU4	848.45	767572.4	967340.0
EN-397	OU2	844.83	767915.2	967296.5
EN-398	OU2	845.22	767888.5	967104.0
EN-399	OU4	846.23	767790.6	967537.8
EN-401	OU3	851.79	765154.0	967267.0
EN-402	OU3	851.41	765171.0	967694.0
EN-403	OU3	854.97	765778.0	968122.0
EN-404	OU3	848.43	766165.0	968190.0
EN-409	OU5	843.62	768343.0	968957.0
EN-411	OU5	843.41	768797.0	968777.0
EN-414	OU3	859.73	766386.0	967751.0

**Table D-1: Hydraulic Effectiveness Monitoring Wells  
for Groundwater Elevations**

(effective January 1, 2016)

Well	Site Area	M.P. Elev. (ft amsl)	Planar Coordinates	
			Northing (grid feet)	Easting (grid feet)
EN-415	OU3	858.92	766202.0	967421.0
EN-419	OU2	850.27	767362.0	965924.0
EN-421	OU2	850.76	767402.0	966133.0
EN-422	OU2	851.86	767425.0	966253.0
EN-426	OU3	854.29	765506.0	967852.0
EN-427	OU3	857.00	765958.0	967877.0
<b>EN-428</b>	OU1	840.82	768094.2	966069.2
EN-429	OU2	849.45	767321.0	965719.7
EN-430	OU2	850.10	767378.6	965965.2
EN-431	OU2	850.66	767399.5	966061.0
EN-432	OU2	851.01	767402.8	966095.8
EN-433	OU2	851.24	767415.8	966172.6
EN-434	OU2	851.57	767421.7	966219.3
EN-435	OU2	851.42	767407.5	966302.9
EN-436	MAA	849.04	767015.8	965618.4
EN-437	MAA	847.71	766865.3	966067.0
EN-438	MAA	847.10	766729.5	965641.3
EN-439A	MAA	844.18	766437.4	965722.2
EN-439B	MAA	844.34	766443.5	965721.5
EN-440	MAA	845.53	766464.1	965839.7
EN-441	MAA	847.19	766471.2	965948.5
EN-442A	MAA	847.92	766522.2	966158.0
EN-442B	MAA	847.94	766522.3	966162.6
EN-443	MAA	846.75	766545.9	966479.5
EN-444A	MAA	846.58	766355.1	966049.9
EN-444B	MAA	846.54	766351.7	966050.9
EN-445	MAA	840.88	766115.8	965741.2
EN-446A	MAA	845.02	766228.0	966059.1
EN-446B	MAA	845.11	766224.0	966058.9
EN-447A	MAA	845.75	766164.1	966508.6
EN-447B	MAA	845.73	766163.8	966505.0
<b>EN-447T</b>	MAA	848.02	766164.3	966512.4
EN-448	MAA	848.29	766859.4	966445.5
EN-449	OU3	857.00	765808.4	966781.8
EN-450	MAA	846.27	766918.7	965368.7
EN-451	MAA	846.26	766896.3	965056.1
<b>EN-451P</b>	MAA	845.63	766896.0	965055.0
EN-453	MAA	841.42	766425.3	965336.8
EN-454	MAA	844.42	766574.6	965578.3
EN-455	MAA	843.22	766444.2	965588.2
EN-456	MAA	845.00	766537.8	965754.9
EN-457A	MAA	842.82	766055.0	966073.8
EN-457B	MAA	843.03	766056.0	966071.7
EN-458	MAA	843.83	765775.6	966319.7
EN-459A	OU3	847.27	764890.9	966138.8
EN-459B	OU3	846.25	764860.4	966120.2
EN-460A	OU3	847.75	765056.8	966422.1
EN-460B	OU3	846.89	765054.9	966419.0

**Table D-1: Hydraulic Effectiveness Monitoring Wells  
for Groundwater Elevations**

(effective January 1, 2016)

Well	Site Area	M.P. Elev. (ft amsl)	Planar Coordinates	
			Northing (grid feet)	Easting (grid feet)
EN-460C	OU3	847.45	765050.7	966410.8
EN-461	OU3	850.60	765204.4	966657.4
EN-462	OU3	851.38	764733.5	966660.5
EN-463	OU3	851.28	764773.1	967045.2
EN-464	OU3	852.98	765569.3	968214.9
EN-465	OU3	851.15	765342.8	968312.1
EN-466	OU3	846.99	765502.6	968517.5
EN-467	OU3	857.12	765889.2	967767.4
EN-468	OU3	852.36	765349.3	967992.5
EN-469	MAA	849.75	767070.2	966223.8
EN-470	MAA	846.85	766942.6	966583.8
EN-471	OU2	853.30	767735.2	966370.6
EN-472	OU2	849.43	767669.3	966704.6
EN-473A	OU3	843.06	765100.2	965931.6
EN-473B	OU3	843.14	765096.2	965933.0
EN-474	OU3	836.33	765478.7	966413.3
EN-475	OU3	850.49	765656.2	966608.8
EN-476	MAA	849.81	767107.8	965803.1
EN-477	MAA	848.33	767077.7	965873.2
EN-478A	MAA	844.08	766347.0	965875.3
EN-478B	MAA	844.14	766351.8	965874.6
EN-479A	MAA	845.41	766287.6	965969.6
EN-479B	MAA	845.20	766287.3	965965.1
EN-480A	MAA	843.02	766209.4	965856.7
EN-480B	MAA	842.85	766208.6	965851.5
EN-481A	MAA	843.35	766179.2	965903.4
EN-481B	MAA	842.99	766178.9	965907.3
EN-482	MAA	847.44	767106.0	965943.1
EN-483	OU1	839.08	768473.3	966077.9
EN-484	OU1	838.21	767997.5	965565.8
EN-485	OU1	840.48	768096.1	966144.1
EN-486	OU1	842.63	768184.4	966585.1
EN-487	OU7	834.18	768009.9	964196.6
EN-488	OU2	850.87	767299.6	965262.3
EN-489	OU2	847.45	767613.9	965054.6
EN-490	MAA	845.02	766474.3	966587.6
EN-491	MAA	845.03	766586.9	966692.4
EN-491A	MAA	844.31	766590.5	966726.7
<b>EN-491T</b>	MAA	847.45	766586.1	966689.8
EN-492	OU4	844.42	766581.9	966850.3
EN-492T	OU4	846.64	766588.2	966851.7
EN-493	MAA	848.33	766959.9	965166.2
EN-494	MAA	848.48	766939.8	965167.7
EN-495	MAA	848.13	766919.1	965168.7
EN-496	MAA	848.29	766899.6	965169.2
EN-497	MAA	848.28	766880.5	965170.3
EN-498	MAA	846.73	766840.0	965173.3
EN-499A	MAA	846.40	766358.8	966093.9

**Table D-1: Hydraulic Effectiveness Monitoring Wells  
for Groundwater Elevations**

(effective January 1, 2016)

Well	Site Area	M.P. Elev. (ft amsl)	Planar Coordinates	
			Northing (grid feet)	Easting (grid feet)
EN-499B	MAA	846.28	766361.4	966094.0
EN-500A	MAA	844.47	766218.1	966103.4
EN-500B	MAA	844.55	766216.2	966106.2
EN-501	MAA	842.49	766037.4	966117.3
EN-502	MAA	847.14	766997.8	965054.0
EN-503	MAA	844.94	766796.0	965068.6
EN-504	MAA	845.97	766883.2	965097.9
EN-505	MAA	843.84	766536.2	966852.2
EN-506	MAA	844.21	766525.5	966701.3
EN-507	OU1	840.75	768092.0	966077.9
EN-508	OU2	847.68	767785.6	966038.2
EN-509	OU2	845.70	767955.8	965960.2
EN-510	MAA	839.83	766436.8	964969.1
EN-511	MAA	839.89	766445.2	965084.2
EN-513	MAA	849.57	767173.1	966476.6
EN-514	MAA	847.43	767102.0	966573.0
EN-515	MAA	849.48	767132.0	966430.0
EN-516	MAA	849.70	767165.0	966354.0
EN-517	MAA	839.87	766432.0	964904.0
EN-518	MAA	840.24	766441.0	965026.0
EN-519	MAA	841.70	766538.0	965086.0
EN-520	OU2	849.58	767451.0	965121.0
EN-521	OU2	848.14	767627.0	965455.0
EN-522	OU1	837.45	768009.1	965612.2
EN-523	MAA	838.39	765849.9	965895.9
EN-524	MAA	839.87	765857.0	965997.8
EN-525	OU2	850.06	767340.6	965843.7
EN-526	OU2	850.57	767265.0	965866.7
EN-527	OU4	848.76	767693.0	967505.0
EN-528	OU4	848.95	767613.3	967457.1
EN-529	MAA	847.10	766712.7	965688.2
EN-531	MAA	849.22	767109.3	965547.6
EN-532	MAA	844.84	766595.7	965194.1
EN-533	OU1	836.11	768082.8	965522.2
EN-534	MAA	844.63	766731.6	965438.1
EN-600	OU5	843.47	768416.7	967852.9
EN-604	OU5	841.75	768517.5	968419.5
EN-606	OU5	842.02	768560.2	968647.0
EN-608	OU5	843.11	768617.7	968744.0
EN-616	OU5	843.98	768748.7	968985.2
EN-617	OU5	844.09	768743.3	968985.9
EN-618	OU5	842.72	768680.3	968559.9
EN-623	OU5	847.97	768595.7	968860.3
EN-624	OU5	849.01	768621.6	969002.7
EN-626	OU5	842.76	768608.5	967837.2
EN-632	OU5	842.67	768575.1	968726.2
EN-638	OU5	841.56	768803.4	968984.0
EN-640	OU5	842.48	768797.7	968865.3

**Table D-1: Hydraulic Effectiveness Monitoring Wells  
for Groundwater Elevations**

(effective January 1, 2016)

Well	Site Area	M.P. Elev. (ft amsl)	Planar Coordinates	
			Northing (grid feet)	Easting (grid feet)
EN-641	OU5	840.68	768605.1	969036.5
EN-642	OU5	844.00	768788.3	968680.4
EN-644	OU5	846.19	768771.9	968398.0
EN-648	OU5	845.89	768761.9	968218.7
EN-650	OU5	845.21	768750.9	968022.5
EN-651	OU5	845.27	768518.9	969146.7
EN-652	OU5	843.62	768342.1	968959.2
EN-653	OU5	844.54	768534.2	969249.9
EN-655	OU5	839.28	768430.3	969059.6
EN-679	OU5	851.71	768042.5	968435.8
EN-684A	OU5	849.45	768024.4	968317.0
EN-687	OU5	847.83	767999.4	968073.2
EN-692	OU5	841.76	768571.1	968591.8
EN-694	OU5	838.17	768489.5	969057.4
EN-696	OU5	845.50	768480.7	968903.3
EN-698	OU5	849.01	768456.2	968752.4
EN-700	OU5	846.95	768442.6	968652.6
EN-701	OU5	847.23	768437.8	968654.0
EN-702	OU5	841.14	768419.9	968502.6
EN-704	OU5	840.54	768277.4	968610.1
EN-705	OU5	840.57	768272.9	968611.4
<b>EN-709</b>	OU5	841.56	768240.8	968313.9
EN-710	OU5	845.06	768559.1	968492.5
EN-711	OU5	843.13	768698.2	969321.0
EN-712	OU5	843.17	768698.2	969321.0
EN-713	OU5	843.21	768698.8	969318.2
EN-714	OU5	846.64	768202.2	968034.5
EN-715	OU5	847.20	768293.7	968285.0
EN-716	OU5	843.72	768317.6	968385.3
EN-717	OU5	847.36	768155.2	968280.3
EN-718	OU5	843.28	768209.1	968415.3
EN-719	OU5	844.65	768130.7	968409.8
EN-720	OU5	845.05	768117.0	968410.6
EN-721	OU5	844.93	768687.8	968995.4
EN-722	OU5	844.86	768687.3	968992.5
EN-723	OU5	844.70	768627.9	968828.1
EN-724	OU5	841.79	768537.0	968516.6
EN-725	OU5	841.73	768535.8	968508.5
EN-726	OU5	850.34	768049.7	968550.8
EN-727	OU5	853.26	768063.8	968786.8
RMJ-MW-1	OU7	843.41	766896.3	963748.0
RMJ-MW-2	OU7	841.23	766899.5	963620.3
RMJ-MW-3	OU7	840.97	766731.4	963593.6
RMJ-MW-4	OU7	843.32	766709.9	963713.3
RMJ-MW-5	OU7	838.79	766814.1	963516.2
RMJ-MW-6	OU7	839.69	766589.0	963443.7
DEC-MW-34D	OU5	843.49	768675.7	969100.4
EN-D01	OU6	841.58	765385.1	964797.4

**Table D-1: Hydraulic Effectiveness Monitoring Wells  
for Groundwater Elevations**

(effective January 1, 2016)

Well	Site Area	M.P. Elev. (ft amsl)	Planar Coordinates	
			Northing (grid feet)	Easting (grid feet)
EN-D02	OU6	844.84	765910.5	966134.0
EN-D03	OU6	843.26	764640.5	964647.9
EN-D04	OU6	854.87	765372.0	968361.1
EN-D04S	OU6	854.60	765372.0	968361.1
EN-D06	OU6	852.94	767177.6	966476.6
EN-D07	OU6	848.03	766581.2	966653.9
EN-D10	OU6	849.53	766742.3	967050.9
EN-D11	OU6	850.24	766879.9	966327.3
EN-D12	OU6	854.05	767321.1	966227.4
EN-D13	OU6	845.31	768066.6	966455.0
EN-D14	OU6	846.22	768068.7	966466.2
EN-D30	OU6	848.01	767015.0	967027.0
EN-D31	OU6	846.15	766178.0	966710.0
EN-D33	OU6	851.06	767575.7	966438.1
EN-D34	OU6	850.81	767573.7	966428.0
EN-D35	OU6	848.23	767023.4	967031.2
EN-D36	OU6	845.50	766559.7	966655.1
EN-D37	OU6	849.67	767170.2	966474.1
EN-D38	OU6	851.62	767319.5	966223.5
EN-D39	OU6	850.25	767371.4	965948.8
EN-D40	OU6	849.83	767076.8	966223.8
EN-D41	OU6	846.50	766943.0	966589.5
EN-D42	OU6	843.81	767231.3	966702.5
EN-D43	OU6	849.70	767669.7	966710.2
EN-D44	OU6	852.77	767428.2	966286.4
EN-D45	OU6	850.75	767411.2	966123.3
EN-D46	OU6	850.08	767601.8	966548.0
EN-D47	OU6	853.42	767731.4	966372.2
EN-D48	OU6	845.75	767721.4	966982.3
<b>EN-D49</b>	OU6	852.73	767202.2	966420.7

**Total Number of HE Wells = 415**

**Key:**

M.P. Elev. = Measuring Point Elevation

**BOLD** = Denotes active extraction wells. Water levels in these wells will not be measured if the wells are under vacuum or are not pumping.



**Table D-2: Remedial Action Effectiveness Wells  
for Groundwater Sampling**  
(effective January 1, 2016)

Well	Site Area	2015 Sampling Frequency	2016 Sampling Frequency	Mon. Well Sample Count	Extr. Well Sample Count	PDB Sample Count
DOT-1	OU2	A	A	1		1
DOT-2	OU2	A	A	1		1
DOT-4	OU2	A	A	1		1
EN-002	OU1	A	A	1		
EN-006	MAA	Q	Q	4		
EN-012	OU2	Q	Q	4		
EN-013	OU2	S	S	2		
EN-014	OU2	Q	Q	4		
EN-015	OU2	S	S	2		
EN-016	OU2	Q	Q	4		
EN-017	OU2	Q	Q	4		
EN-018	OU2	S	S	2		
EN-019	OU2	Q	Q	4		
EN-020	OU2	Q	Q	4		
EN-021	OU2	S	S	2		
EN-022	MAA	S	S	2		
EN-023	OU4	S	S	2		
EN-024	OU2	A	A	1		
EN-026	OU7	A	A	1		1
EN-029A	MAA	Q	Q	4		
EN-030	OU5	S	S	2		2
EN-034	OU1	S	S	2		
EN-035	OU2	S	S	2		
EN-036	OU2	S	S	2		
EN-037	OU1	Q	Q	4		
EN-039	OU1	Q	Q	4		
EN-045	OU1	Q	Q	4		
EN-051	OU1	Q	Q	4		
EN-052	OU1	Q	Q	4		
EN-053	OU1	Q	Q	4		
EN-054	OU2	A	A	1		
EN-055	OU1	S	S	2		
EN-056	OU1	A	A	1		1
EN-058	OU1	S	S	2		
EN-062	MAA	A	A	1		
EN-064	MAA	A	A	1		
EN-065	OU4	S	S	2		
EN-067	OU7	A	A	1		1
EN-069	OU7	A	A	1		1
EN-070	OU7	A	A	1		1
EN-072	OU7	A	A	1		1
EN-073	OU1	A	A	1		1
EN-074	OU2	A	A	1		1
EN-075	OU2	A	A	1		
EN-076	OU2	A	A	1		
EN-077	OU2	Q	Q	4		
EN-078	MAA	S	S	2		
EN-079	OU4	S	S	2		

**Table D-2: Remedial Action Effectiveness Wells  
for Groundwater Sampling**  
(effective January 1, 2016)

Well	Site Area	2015 Sampling Frequency	2016 Sampling Frequency	Mon. Well Sample Count	Extr. Well Sample Count	PDB Sample Count
EN-080*	OU4	S	S	2		
EN-081	OU2	S	S	2		
EN-083	OU1	A	A	1		1
EN-084	OU1	A	A	1		1
EN-091	MAA	Q	Q	4		
EN-091A	MAA	Q	Q	4		
<b>EN-091T</b>	MAA	M	M		12	
EN-092	MAA	Q	Q	4		
EN-092A	MAA	S	S	2		
EN-093	MAA	Q	Q	4		
EN-094	MAA	A	A	1		
EN-095**	OU7	Q	Q	4		
EN-096**	OU7	Q	Q	4		
EN-097	OU1	A	A	1		1
EN-100	MAA	Q	Q	4		
EN-102	MAA	Q	Q	4		
EN-104**	OU7	Q	Q	4		
EN-105	OU7	A	A	1		1
EN-106	OU1	A	A	1		1
<b>EN-107R</b>	OU1	M	M		12	
EN-112	OU2	Q	Q	4		
EN-114	OU1	Q	Q	4		
<b>EN-114T</b>	OU1	M	M		12	
EN-117	OU1	A	A	1		1
EN-122	OU7	A	A	1		1
EN-125	MAA	A	A	1		
EN-126	MAA	A	A	1		
EN-127	OU4	S	S	2		
EN-129	OU4	A	A	1		
EN-130*	OU4	S	S	2		
EN-132	MAA	S	S	2		
<b>EN-133</b>	MAA	M	M		12	
EN-148	OU2	A	A	1		1
EN-150**	OU7	Q	Q	4		
EN-152**	OU7	Q	Q	4		
EN-154R**	OU7	Q	Q	4		
EN-161	MAA	S	S	2		
EN-162	MAA	S	S	2		
EN-163	MAA	A	A	1		
EN-166	OU7	A	A	1		1
EN-170	MAA	Q	Q	4		
EN-173*	OU4	S	S	2		
EN-174	OU4	S	S	2		
EN-175	OU4	A	A	1		
EN-176	OU7	A	A	1		
EN-177	OU7	A	A	1		
EN-182	OU4	Q	Q	4		
EN-183	OU4	Q	Q	4		

**Table D-2: Remedial Action Effectiveness Wells  
for Groundwater Sampling**  
(effective January 1, 2016)

Well	Site Area	2015 Sampling Frequency	2016 Sampling Frequency	Mon. Well Sample Count	Extr. Well Sample Count	PDB Sample Count
EN-185P	OU4	M		0		
EN-186	OU2	A	A	1		
EN-187	OU2	A	A	1		1
EN-188	OU2	A	A	1		1
EN-189	OU2	A	A	1		1
EN-190	MAA	Q	Q	4		
EN-191A	MAA	Q	Q	4		
EN-192	MAA	Q	Q	4		
EN-193	MAA	Q	Q	4		
<b>EN-194</b>	MAA	M	M		12	
EN-200	OU1	A	A	1		1
EN-203	MAA	S	S	2		
EN-204	MAA	S	S	2		
EN-206	OU3	S	S	2		
EN-207	OU3	S	S	2		
EN-208A	OU3	S	S	2		
EN-210	OU3	S	S	2		
EN-211	OU7	A	A	1		1
EN-213A	OU3	S	S	2		
EN-214A	MAA	Q	Q	4		
EN-214B	MAA	Q	Q	4		
EN-215A	MAA	Q	Q	4		
EN-215B	MAA	Q	Q	4		
<b>EN-215T</b>	MAA	M	M		12	
EN-217A	OU3	S	S	2		
<b>EN-219R</b>	OU1	M	M		12	
EN-253	OU1	M		0		
<b>EN-253R</b>	OU1		M		12	
<b>EN-276</b>	OU2	M	M		12	
EN-276R	OU2	M	M		12	
EN-277	OU2	S	S	2		
EN-278	MAA	Q	Q	4		
EN-284	OU2	Q	Q	4		
<b>EN-284P</b>	OU2	M	M		12	
EN-301	MAA	A	A	1		
EN-302	MAA	Q	Q	4		
EN-304	OU5	A	A	1		
EN-311	OU3	S	S	2		
EN-380	OU4	S	S	2		
EN-381*	OU4	S	S	2		
EN-382*	OU4	S	S	2		
EN-384	OU4	S	S	2		
EN-386	OU4	A	A	1		
EN-387A*	OU4	Q	Q	4		
EN-392R*	OU4	S	S	2		
EN-393*	OU4	S	S	2		
EN-394*	OU4	S	S	2		
EN-395*	OU4	S	S	2		

**Table D-2: Remedial Action Effectiveness Wells  
for Groundwater Sampling**

(effective January 1, 2016)

Well	Site Area	2015 Sampling Frequency	2016 Sampling Frequency	Mon. Well Sample Count	Extr. Well Sample Count	PDB Sample Count
EN-396*	OU4	S	S	2		
EN-397	OU2	A	A	1		1
EN-398	OU2	A	A	1		
EN-399*	OU4	S	S	2		
EN-401	OU3	Q	Q	4		
EN-402	OU3	S	S	2		
EN-409	OU5	A	A	1		1
EN-415	OU3	A	A	1		
EN-419	OU2	Q	Q	4		
EN-421	OU2	Q	Q	4		
EN-422	OU2	S	S	2		
EN-426	OU3	S	S	2		
<b>EN-428</b>	OU1	M	M		12	
EN-429	OU2	S	S	2		
EN-430	OU2	S	S	2		
EN-431	OU2	Q	Q	4		
EN-432	OU2	S	S	2		
EN-433	OU2	S	S	2		
EN-434	OU2	Q	Q	4		
EN-435	OU2	Q	Q	4		
EN-436	MAA	Q	Q	4		
EN-437	MAA	Q	Q	4		
EN-438	MAA	S	S	2		
EN-439A	MAA	Q	Q	4		
EN-439B	MAA	Q	Q	4		
EN-440	MAA	Q	Q	4		
EN-441	MAA	Q	Q	4		
EN-442A	MAA	Q	Q	4		
EN-442B	MAA	Q	Q	4		
EN-443	MAA	Q	Q	4		
EN-444A	MAA	Q	Q	4		
EN-444B	MAA	Q	Q	4		
EN-445	MAA	S	S	2		
EN-446A	MAA	S	S	2		
EN-446B	MAA	S	S	2		
EN-447A	MAA	Q	Q	4		
EN-447B	MAA	Q	Q	4		
<b>EN-447T</b>	MAA	M	M		12	
EN-448	MAA	Q	Q	4		
EN-449	OU3	S	S	2		
EN-450	MAA	Q	Q	4		
EN-451	MAA	Q	Q	4		
<b>EN-451P</b>	MAA	M	M		12	
EN-453	MAA	S	S	2		
EN-454	MAA	Q	Q	4		
EN-455	MAA	Q	Q	4		
EN-456	MAA	Q	Q	4		
EN-457A	MAA	S	S	2		

**Table D-2: Remedial Action Effectiveness Wells  
for Groundwater Sampling**  
(effective January 1, 2016)

Well	Site Area	2015 Sampling Frequency	2016 Sampling Frequency	Mon. Well Sample Count	Extr. Well Sample Count	PDB Sample Count
EN-457B	MAA	S	S	2		
EN-458	MAA	S	S	2		
EN-459A	OU3	Q	Q	4		
EN-459B	OU3	Q	Q	4		
EN-460A	OU3	Q	Q	4		
EN-460B	OU3	Q	Q	4		
EN-460C	OU3	Q	Q	4		
EN-462	OU3	S	S	2		
EN-463	OU3	S	S	2		
EN-464	OU3	A	A	1		
EN-465	OU3	S	S	2		
EN-467	OU3	A	A	1		
EN-468	OU3	S	S	2		
EN-469	MAA	Q	Q	4		
EN-470	MAA	Q	Q	4		
EN-471	OU2	S	S	2		
EN-472	OU2	A	A	1		
EN-473A	OU3	A	A	1		
EN-473B	OU3	A	A	1		
EN-474	OU3	Q	S	2		
EN-475	OU3	Q	S	2		
EN-477	MAA	Q	Q	4		
EN-478A	MAA	Q	Q	4		
EN-478B	MAA	Q	Q	4		
EN-479A	MAA	S	S	2		
EN-479B	MAA	S	S	2		
EN-480A	MAA	S	S	2		
EN-480B	MAA	S	S	2		
EN-481A	MAA	S	S	2		
EN-481B	MAA	S	S	2		
EN-482	MAA	Q	Q	4		
EN-483	OU1	A	A	1		1
EN-484	OU1	Q	Q	4		
EN-486	OU1	S	S	2		
EN-487	OU7	A	A	1		1
EN-488	OU2	A	A	1		
EN-489	OU2	A	A	1		
EN-490	MAA	Q	Q	4		
EN-491A	MAA	Q	Q	4		
<b>EN-491T</b>	MAA	M	M		12	
EN-492	OU4	Q	Q	4		
EN-493	MAA	Q	Q	4		
EN-494	MAA	S	S	2		
EN-495	MAA	S	S	2		
EN-496	MAA	Q	Q	4		
EN-497	MAA	S	S	2		
EN-498	MAA	Q	Q	4		
EN-499A	MAA	Q	Q	4		

**Table D-2: Remedial Action Effectiveness Wells  
for Groundwater Sampling**

(effective January 1, 2016)

Well	Site Area	2015 Sampling Frequency	2016 Sampling Frequency	Mon. Well Sample Count	Extr. Well Sample Count	PDB Sample Count
EN-499B	MAA	Q	Q	4		
EN-499T	MAA	M		0		
EN-500A	MAA	S	S	2		
EN-500B	MAA	S	S	2		
EN-501	MAA	S	S	2		
EN-502	MAA	S	S	2		
EN-503	MAA	Q	Q	4		
EN-504	MAA	Q	Q	4		
EN-505	MAA	Q	Q	4		
EN-506	MAA	Q	Q	4		
EN-507	OU1	S	S	2		
EN-508	OU2	Q	Q	4		
EN-509	OU2	Q	Q	4		
EN-511	MAA	A	A	1		
EN-513	MAA	S	S	2		
EN-514	MAA	S	S	2		
EN-515	MAA	S	S	2		
EN-516	MAA	S	S	2		
EN-519	MAA	S	S	2		
EN-520	OU2	A	A	1		
EN-521	OU2	A	A	1		
EN-522	OU1	Q	Q	4		
EN-524	MAA	A	A	1		
EN-525	OU2	Q	Q	4		
EN-526	OU2	Q	Q	4		
EN-527*	OU4	S	S	2		
EN-528*	OU4	S	S	2		
EN-529	MAA	S	S	2		
EN-531	MAA	Q	Q	4		
EN-532	MAA	Q	S	2		
EN-533	OU1	Q	Q	4		
EN-534	MAA	Q	Q	4		
EN-606	OU5	A	A	1		1
EN-616	OU5	A	A	1		1
EN-617	OU5	A	A	1		
EN-623	OU5	S	S	2		
EN-624	OU5	S	S	2		2
EN-632	OU5	A	A	1		1
EN-638	OU5	A	A	1		1
EN-641	OU5	A	A	1		
EN-642	OU5	A	A	1		1
EN-651	OU5	S	S	2		2
EN-652	OU5	A	A	1		1
EN-653	OU5	S	S	2		2
EN-655	OU5	A	A	1		1
EN-679	OU5	S	S	2		2
EN-684A	OU5	S	S	2		2
EN-687	OU5	S	S	2		2

**Table D-2: Remedial Action Effectiveness Wells  
for Groundwater Sampling**  
(effective January 1, 2016)

Well	Site Area	2015 Sampling Frequency	2016 Sampling Frequency	Mon. Well Sample Count	Extr. Well Sample Count	PDB Sample Count
EN-692	OU5	A	A	1		1
EN-694	OU5	A	A	1		1
EN-696	OU5	A	A	1		1
EN-698	OU5	A	A	1		1
EN-700	OU5	Q	Q	4		4
EN-701	OU5	Q	Q	4		4
EN-702	OU5	A	A	1		1
EN-704	OU5	Q	Q	4		4
EN-705	OU5	Q	Q	4		4
<b>EN-709</b>	OU5	M	M		12	
EN-710	OU5	S	S	2		2
EN-711	OU5	A	A	1		
EN-712	OU5	S	S	2		
EN-713	OU5	A	A	1		
EN-714	OU5	A	A	1		1
EN-715	OU5	A	A	1		1
EN-716	OU5	A	A	1		1
EN-717	OU5	A	A	1		1
EN-718	OU5	A	A	1		1
EN-719	OU5	A	A	1		1
EN-720	OU5	A	A	1		1
EN-721	OU5	S	S	2		
EN-722	OU5	S	S	2		2
EN-723	OU5	S	S	2		2
EN-724	OU5	S	S	2		2
EN-725	OU5	S	S	2		2
EN-726	OU5	A	A	1		1
EN-727	OU5	A	A	1		1
RMJ-MW-1**	OU7	Q	Q	4		
RMJ-MW-2**	OU7	Q	Q	4		
RMJ-MW-3**	OU7	Q	Q	4		
RMJ-MW-4**	OU7	Q	Q	4		
RMJ-MW-5**	OU7	Q	Q	4		
RMJ-MW-6**	OU7	Q	Q	4		
DEC-MW-34D	OU5	S	S	2		2
EN-D01	OU6	A	A	1		1
EN-D02	OU6	A	A	1		1
EN-D03	OU6	A	A	1		1
EN-D04D	OU6	A	A	1		1
EN-D04S	OU6	A	A	1		1
EN-D10	OU6	S	S	2		2
EN-D11	OU6	S	S	2		2
EN-D13	OU6	S	S	2		2
EN-D14	OU6	A	A	1		1
EN-D33	OU6	S	S	2		2
EN-D34	OU6	A	A	1		1
EN-D35	OU6	S	S	2		2
EN-D36	OU6	S	S	2		2

**Table D-2: Remedial Action Effectiveness Wells  
for Groundwater Sampling**  
(effective January 1, 2016)

Well	Site Area	2015 Sampling Frequency	2016 Sampling Frequency	Mon. Well Sample Count	Extr. Well Sample Count	PDB Sample Count
EN-D37	OU6	S	S	2		2
EN-D38	OU6	S	S	2		2
EN-D39	OU6	S	S	2		2
EN-D40	OU6	S	S	2		2
EN-D41	OU6	S	S	2		2
EN-D42	OU6	S	S	2		2
EN-D43	OU6	S	S	2		2
EN-D44	OU6	S	S	2		2
EN-D45	OU6	S	S	2		2
EN-D46	OU6	S	S	2		2
EN-D47	OU6	S	S	2		2
EN-D48	OU6	S	S	2		2
<b>EN-D49</b>	OU6	M	M		12	
<b>Total Number of RAE Wells:</b>		<b>348</b>	<b>346</b>			
<b>Total Number of Samples:</b>				<b>787</b>	<b>204</b>	<b>135</b>
<b>Minimum Number of Duplicate Samples (5% of total):</b>				<b>39</b>		

**Key:**



Indicates a change from 2015 to 2016.

**BOLD** = Active extraction well in 2016.

OU1 = Operable Unit #1: Railroad Corridor Source Area

OU2 = Operable Unit #2: North Street Area

MAA = Misc. Activity A: Plume Reduction in Off-Site Capture Zone A

OU3 = Operable Unit #3: Plume Reduction in Southern Area

OU4 = Operable Unit #4: Ideal Cleaners Area

OU5 = Operable Unit #5: Building 57 Area

OU6 = Operable Unit #6: Plume Control in Bedrock Groundwater

OU7 = Operable Unit #7: Assessment of Sewers in Northwestern Area of the Site

M = Monthly

Q = Quarterly

S = Semiannually

A = Annually

\* = Denotes OU#4 sampling location for dissolved gases.

\*\* = Denotes OU#7 sampling location for EN-154R shutdown test.

**Notes:**

- 1) Eligibility for sampling using PDBs was determined based on inner well diameters (greater than 1-inch ID required), anticipated water column thickness in the screened interval of the well (in general, 5 feet or greater is needed for PDB sampling), and position relative to potentially variable extraction and injection
- 2) Specific conductance, pH, temperature, and turbidity to be measured in the field.
- 3) All samples to be analyzed by SW-846 Method 8260C.
- 4) Extraction wells will not be sampled unless they are pumping.



## **APPENDIX E**

**Groundwater Analytical Chemistry Data, 2016**

**Groundwater Treatment Analytical Chemistry Data, 2016**

**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	DEC-MW-34D	DEC-MW-34D	DOT-1	DOT-2	DOT-4	EN-002	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/11/2016	08/04/2016	11/02/2016	11/02/2016	11/02/2016	11/08/2016	
Laboratory Sample I.D.	8382683	8512549	8681630	8681631	8681632	8687290	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	1.4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.2 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	22
1,1-DICHLOROETHANE	ug/L	5.7	6.6	ND@0.5	ND@0.5	0.5	0.1 J
1,1-DICHLOROETHENE	ug/L	0.2 J	0.2 J	ND@0.5	ND@0.5	ND@0.5	0.1 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	4.3	3.4	ND@0.5	ND@0.5	ND@0.5	0.2 J
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	1 J	0.2 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	30	37	0.5 J	0.3 J	2.1	0.6
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.5 J	ND@0.5	0.2 J	68
TOLUENE	ug/L	0.1 J	0.1 J	0.2 J	0.2 J	0.3 J	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	0.5	0.6	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.2 J	0.2 J	0.6	ND@0.5	0.5	2.9
VINYL CHLORIDE	ug/L	45	38	0.1 J	0.3 J	1.3	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	0.7	0.4 J	0.4 J	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-006	EN-006	EN-006	EN-006	EN-006	EN-012	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/12/2016	05/17/2016	07/20/2016	08/29/2016	11/07/2016	02/11/2016	
Laboratory Sample I.D.	8242890	8390060	8488619	8562726	8687319	8242870	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.6	0.2 J	0.2 J	0.2 J	0.2 J	ND@25
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	11 J
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@25
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@25
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@25
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@25
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@25
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@25 J
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	2300
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@25
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@25
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	330
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@25
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@25
TRICHLOROETHENE	ug/L	1.6	1.1	1.2	1	1	27
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	11 J
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@25

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-012	EN-012	EN-012	EN-013	EN-013	EN-013	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	
Sample Date	05/10/2016	08/10/2016	11/07/2016	02/15/2016	02/15/2016	05/10/2016	
Laboratory Sample I.D.	8377737	8524443	8687267	8244637	8244638	8377801	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@5.0	ND@10	ND@10	0.5 J	0.3 J	0.2 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@5.0	ND@10	7.6 J	2.6	3.1	0.6
1,1-DICHLOROETHANE	ug/L	ND@5.0	ND@10	ND@10	0.5 J	0.3 J	0.2 J
1,1-DICHLOROETHENE	ug/L	1.4 J	ND@10	4.3 J	ND@1.0	ND@1.0	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	3.1 J	ND@10	ND@10	0.5 J	0.6 J	0.6
1,2-DICHLOROETHANE (EDC)	ug/L	ND@5.0	ND@10	ND@10	ND@1.0	ND@1.0	ND@0.5
BENZENE	ug/L	ND@5.0	ND@10	ND@10	ND@1.0	ND@1.0	ND@0.5
CHLOROETHANE	ug/L	1.1 J	ND@10	ND@10	ND@1.0	ND@1.0	ND@0.5 J
CIS-1,2-DICHLOROETHENE	ug/L	700	510	2600	65	74	11
ETHYLBENZENE	ug/L	ND@5.0	ND@10	ND@10	ND@1.0	ND@1.0	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@5.0	ND@10	ND@10	ND@1.0	ND@1.0	ND@0.5
TETRACHLOROETHENE	ug/L	100	240	310	160	190	22
TOLUENE	ug/L	ND@5.0	ND@10	ND@10	ND@1.0	ND@1.0	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	1.1 J	ND@10	3.5 J	0.7 J	2.1 J	0.2 J
TRICHLOROETHENE	ug/L	7.8	13	23	21	24	3.4
VINYL CHLORIDE	ug/L	16	ND@10	29	1.4	1.5	7.6
XYLENES, TOTAL	ug/L	ND@5.0	ND@10	ND@10	ND@1.0	ND@1.0	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-013	EN-014	EN-014	EN-014	EN-014	EN-015	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/15/2016	02/15/2016	05/10/2016	08/01/2016	11/15/2016	02/11/2016	
Laboratory Sample I.D.	8702123	8244639	8377800	8508556	8702124	8242871	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@10	0.9	0.2 J	1.2	0.5 J	27
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	16	15	0.6	0.4 J	0.4 J	300 J
1,1-DICHLOROETHANE	ug/L	ND@10	0.4 J	0.2 J	ND@0.5	0.2 J	6.1
1,1-DICHLOROETHENE	ug/L	3.1 J	0.3 J	ND@0.5	ND@0.5	ND@0.5	2.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	6.3 J	2.8	0.7	ND@0.5	0.4 J	6.1
1,2-DICHLOROETHANE (EDC)	ug/L	ND@10	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@10	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@10	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J
CIS-1,2-DICHLOROETHENE	ug/L	1500	100	10	2.3	26	23
ETHYLBENZENE	ug/L	ND@10	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@10	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	25	21	14	13	16	190
TOLUENE	ug/L	ND@10	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	3.5 J	0.6	0.2 J	ND@0.5	0.2 J	0.3 J
TRICHLOROETHENE	ug/L	8.6 J	5.3	4.1	4.4	4.2	30
VINYL CHLORIDE	ug/L	57	0.3 J	6.1	ND@0.5	7	ND@0.5
XYLENES, TOTAL	ug/L	ND@10	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-015	EN-015	EN-016	EN-016	EN-016	EN-016	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/10/2016	11/07/2016	02/11/2016	05/10/2016	08/10/2016	11/07/2016	
Laboratory Sample I.D.	8377738	8687268	8242872	8377739	8525994	8687269	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	8.8	25	10	19000	5400	31
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	38	15	2	330	ND@100	3.5
1,1-DICHLOROETHANE	ug/L	7.9	19	0.7	670	860	14
1,1-DICHLOROETHENE	ug/L	2.6	6.5	0.4 J	1000	280	3.8
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	3.9	2.9	0.4 J	ND@100	ND@100	0.6
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	0.2 J	ND@0.5	68 J	35 J	0.5 J
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@100	ND@100	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@100	ND@100	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	66	32	3.2	2900	950	46
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@100	ND@100	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@100	ND@100	ND@0.5
TETRACHLOROETHENE	ug/L	130	180	18	75 J	29 J	12
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@100	ND@100	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	0.3 J	0.3 J	ND@0.5	ND@100	ND@100	0.5 J
TRICHLOROETHENE	ug/L	18	27	19	100	110	140
VINYL CHLORIDE	ug/L	0.3 J	0.2 J	ND@0.5	37 J	ND@100	0.2 J
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@100	ND@100	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-017	EN-017	EN-017	EN-017	EN-017	EN-018	
Sample Description	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/15/2016	05/10/2016	05/10/2016	08/01/2016	11/16/2016	02/15/2016	
Laboratory Sample I.D.	8244640	8377802	8377803	8508557	8702136	8244641	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	240	2400	1800	14000	1500	230
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@5.0	2.1 J	ND@25	20	ND@25	ND@50
1,1-DICHLOROETHANE	ug/L	390	320	300	2000	800	310
1,1-DICHLOROETHENE	ug/L	20	74	78	650	81	44 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@5.0	ND@5.0	ND@25	3.2 J	ND@25	ND@50
1,2-DICHLOROETHANE (EDC)	ug/L	7.7	8.9	9.8 J	35	15 J	ND@50
BENZENE	ug/L	ND@5.0	ND@5.0	ND@25	ND@5	ND@25	ND@50
CHLOROETHANE	ug/L	1.1 J	1.4 J	ND@25	ND@5	ND@25	ND@50
CIS-1,2-DICHLOROETHENE	ug/L	83	130	140	960	220	1500
ETHYLBENZENE	ug/L	ND@5.0	ND@5.0	ND@25	ND@5	ND@25	ND@50
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@5.0	ND@5.0	ND@25	ND@5	ND@25	ND@50
TETRACHLOROETHENE	ug/L	6.3	7.2	6.8 J	17	5.8 J	11 J
TOLUENE	ug/L	ND@5.0	ND@5.0	ND@25	ND@5	ND@25	ND@50
TRANS-1,2-DICHLOROETHENE	ug/L	ND@5.0	1.1 J	ND@25	2.5 J	ND@25	ND@50
TRICHLOROETHENE	ug/L	59	57	58	100	100	7300
VINYL CHLORIDE	ug/L	ND@5.0	ND@5.0	ND@25	ND@5	ND@25	ND@50
XYLENES, TOTAL	ug/L	ND@5.0	ND@5.0	ND@25	ND@5	ND@25	ND@50

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-018	EN-018	EN-019	EN-019	EN-019	EN-019	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/10/2016	11/16/2016	02/15/2016	05/11/2016	08/02/2016	11/16/2016	
Laboratory Sample I.D.	8377804	8702135	8244642	8377806	8508558	8702132	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	46	150	270	320	10000	7500
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@2.5	ND@1	ND@10	ND@10	11	ND@100
1,1-DICHLOROETHANE	ug/L	110	110	270	470	4800	4300
1,1-DICHLOROETHENE	ug/L	4.5	11	42	54	560	470
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@2.5	ND@1	ND@10	ND@10	4.2 J	ND@100
1,2-DICHLOROETHANE (EDC)	ug/L	1 J	0.5 J	2.9 J	3.6 J	43	42 J
BENZENE	ug/L	ND@2.5	ND@1	ND@10	ND@10	ND@10	ND@100
CHLOROETHANE	ug/L	ND@2.5	ND@1	ND@10	ND@10	ND@10	ND@100
CIS-1,2-DICHLOROETHENE	ug/L	420	84	1400	1600	1400	960
ETHYLBENZENE	ug/L	ND@2.5	ND@1	ND@10	ND@10	ND@10	ND@100
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@2.5	ND@1	ND@10	ND@10	ND@10	ND@100
TETRACHLOROETHENE	ug/L	2.2 J	2.2	35	36	53	38 J
TOLUENE	ug/L	ND@2.5	ND@1	ND@10	ND@10	ND@10	ND@100
TRANS-1,2-DICHLOROETHENE	ug/L	8.2	0.4 J	3.7 J	15	12	ND@100
TRICHLOROETHENE	ug/L	370	100	1800	1500	550	280
VINYL CHLORIDE	ug/L	ND@2.5	ND@1	ND@10	ND@10	2.3 J	ND@100
XYLENES, TOTAL	ug/L	ND@2.5	ND@1	ND@10	ND@10	ND@10	ND@100

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-020	EN-020	EN-020	EN-020	EN-020	EN-021	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	
Sample Date	02/08/2016	05/11/2016	08/02/2016	08/02/2016	11/15/2016	02/08/2016	
Laboratory Sample I.D.	8239331	8377807	8508559	8508560	8702128	8239330	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	42000	160000	130000	170000	110000	19000
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	160 J	270	ND@2500	630	ND@1000	ND@50
1,1-DICHLOROETHANE	ug/L	17000	18000	48000	55000	36000	5300
1,1-DICHLOROETHENE	ug/L	2500	7800	7200	9000	5100	720
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@250	ND@250	ND@2500	ND@250	ND@1000	ND@50
1,2-DICHLOROETHANE (EDC)	ug/L	130 J	660	ND@2500	460	240 J	21 J
BENZENE	ug/L	ND@250	ND@250	ND@2500	ND@250	ND@1000	ND@50
CHLOROETHANE	ug/L	ND@250 J	80 J	ND@2500	ND@250	ND@1000	110
CIS-1,2-DICHLOROETHENE	ug/L	8400	5600	6600	8500	4600	570
ETHYLBENZENE	ug/L	ND@250	ND@250	ND@2500	68 J	ND@1000	ND@50
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@250	27000	4400	5800	ND@1000	ND@50
TETRACHLOROETHENE	ug/L	ND@250	150 J	ND@2500	67 J	ND@1000	ND@50
TOLUENE	ug/L	ND@250	840	810 J	990	470 J	11 J
TRANS-1,2-DICHLOROETHENE	ug/L	ND@250	ND@250	ND@2500	ND@250	ND@1000	ND@50
TRICHLOROETHENE	ug/L	1100	99 J	ND@2500	ND@250	ND@1000	ND@50
VINYL CHLORIDE	ug/L	500	350	ND@2500	490	440 J	160
XYLENES, TOTAL	ug/L	ND@250	130 J	ND@2500	200 J	ND@1000	ND@50

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-021	EN-021	EN-021	EN-022	EN-023	EN-023	
Sample Description	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/11/2016	11/15/2016	11/15/2016	05/11/2016	05/09/2016	11/07/2016	
Laboratory Sample I.D.	8377808	8702126	8702127	8377809	8377857	8687302	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	29000	36000	33000	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@50	ND@500	ND@500	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	5200	2500	2500	ND@0.5	0.2 J	0.1 J
1,1-DICHLOROETHENE	ug/L	1400	450 J	440 J	ND@0.5	0.1 J	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@50	ND@500	ND@500	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	16 J	ND@500	ND@500	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@50	ND@500	ND@500	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	86	160 J	170 J	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	260	ND@500	ND@500	ND@0.5	1.6	1.2
ETHYLBENZENE	ug/L	ND@50	ND@500	ND@500	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@50	ND@500	ND@500	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@50	ND@500	ND@500	ND@0.5	0.1 J	0.1 J
TOLUENE	ug/L	28 J	ND@500	ND@500	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@50	ND@500	ND@500	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@50	ND@500	ND@500	ND@0.5	6.1	4.8
VINYL CHLORIDE	ug/L	310	100 J	100 J	ND@0.5	0.3 J	ND@0.5
XYLENES, TOTAL	ug/L	ND@50	ND@500	ND@500	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-024	EN-026	EN-029A	EN-029A	EN-029A	EN-029A	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	
Sample Date	11/15/2016	08/01/2016	02/08/2016	02/08/2016	05/16/2016	07/21/2016	
Laboratory Sample I.D.	8702129	8508579	8239308	8239309	8390057	8488634	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.1 J	0.2 J	0.7	0.7	0.4 J	0.8
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.4 J	0.4 J	0.3 J	0.4 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.6	ND@0.5	ND@0.5	ND@0.5	0.4 J	0.6
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.7	ND@0.5	1.2	1.2	1.1	1.3
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.7	0.1 J	1	1	1.1	1.1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-029A	EN-029A	EN-030	EN-030	EN-034	EN-034	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/29/2016	11/01/2016	05/11/2016	08/02/2016	05/10/2016	11/07/2016	
Laboratory Sample I.D.	8562727	8681699	8382674	8508532	8377742	8687272	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.7	0.5 J	ND@0.5	ND@0.5	11	1500
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	15	15	0.6	18
1,1-DICHLOROETHANE	ug/L	0.3 J	0.2 J	ND@0.5	ND@0.5	9.8	390
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.5	36
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	7	6.4	0.3 J	1.7
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	3.9
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.3 J	0.3 J
CIS-1,2-DICHLOROETHENE	ug/L	0.6	0.4 J	0.1 J	ND@0.5	82	130
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	1	1	ND@0.5	ND@0.5	ND@0.5	0.2 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	1.1
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J	0.9
TRICHLOROETHENE	ug/L	1.2	1.2	0.1 J	0.1 J	2.8	1.9
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.4 J	100
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.4 J

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-035	EN-035	EN-035	EN-035	EN-036	EN-036	
Sample Description	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/11/2016	05/10/2016	05/10/2016	11/08/2016	02/11/2016	05/10/2016	
Laboratory Sample I.D.	8242874	8377753	8377754	8687281	8242873	8377752	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	97	150	210	2000	14	4.4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.4 J	ND@2.5	0.9	3.6 J	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	31	64	67	690	0.3 J	0.9
1,1-DICHLOROETHENE	ug/L	9.6	11	15	90	0.3 J	0.9
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@2.5	0.5	ND@5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	0.1 J	ND@2.5	0.2 J	3.1 J	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5 J	ND@2.5 J	0.1 J	ND@5	ND@0.5 J	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	41	35	41	37	0.3 J	0.8
ETHYLBENZENE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.4 J	ND@2.5	0.5	ND@5	0.4 J	0.4 J
TOLUENE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	0.2 J	ND@2.5	0.2 J	ND@5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	55	53	60	83	15	16
VINYL CHLORIDE	ug/L	ND@0.5	ND@2.5	0.1 J	ND@5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-036	EN-037	EN-037	EN-037	EN-037	EN-037	EN-037
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE
Sample Date	11/08/2016	02/11/2016	05/10/2016	08/10/2016	11/07/2016	11/07/2016	11/07/2016
Laboratory Sample I.D.	8687282	8242869	8377744	8524442	8687273	8687273	8687274
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	6.7	9200	6500	6000	13000	12000
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	91 J	62	77 J	43 J	44 J
1,1-DICHLOROETHANE	ug/L	4.4	2200	2400	4400	21000	20000
1,1-DICHLOROETHENE	ug/L	4.3	260	300	290	860	790
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@100	ND@50	ND@100	100	93 J
1,2-DICHLOROETHANE (EDC)	ug/L	0.2 J	ND@100	13 J	ND@100	39 J	34 J
BENZENE	ug/L	ND@0.5	ND@100	ND@50	ND@100	ND@100	ND@100
CHLOROETHANE	ug/L	ND@0.5	110 J	380	1200	16000	15000
CIS-1,2-DICHLOROETHENE	ug/L	4.8	1600	2100	2300	6600	6100
ETHYLBENZENE	ug/L	ND@0.5	ND@100	ND@50	ND@100	ND@100	ND@100
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@100	ND@50	ND@100	ND@100	ND@100
TETRACHLOROETHENE	ug/L	0.4 J	ND@100	ND@50	ND@100	ND@100	ND@100
TOLUENE	ug/L	ND@0.5	ND@100	ND@50	ND@100	ND@100	ND@100
TRANS-1,2-DICHLOROETHENE	ug/L	0.1 J	ND@100	ND@50	ND@100	ND@100	ND@100
TRICHLOROETHENE	ug/L	19	ND@100	11 J	ND@100	ND@100	ND@100
VINYL CHLORIDE	ug/L	ND@0.5	720	1000	1000	3200	2800
XYLENES, TOTAL	ug/L	ND@0.5	ND@100	ND@50	ND@100	ND@100	ND@100

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-039	EN-039	EN-039	EN-039	EN-039	EN-045	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	
Sample Date	02/09/2016	05/17/2016	08/01/2016	08/01/2016	11/09/2016	02/09/2016	
Laboratory Sample I.D.	8239200	8389926	8508587	8508588	8690554	8239199	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	34000	22000	17000	18000	23000	7000
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@100	ND@100	ND@100	ND@100	ND@100	41
1,1-DICHLOROETHANE	ug/L	ND@100	ND@100	ND@100	ND@100	2800	79
1,1-DICHLOROETHENE	ug/L	480	420	290	320	430	160
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@100	ND@100	ND@100	ND@100	ND@100	ND@25
1,2-DICHLOROETHANE (EDC)	ug/L	ND@100	ND@100	ND@100	ND@100	20 J	12 J
BENZENE	ug/L	ND@100	ND@100	ND@100	ND@100	ND@100	ND@25
CHLOROETHANE	ug/L	ND@100	ND@100	ND@100	ND@100	74 J	ND@25 J
CIS-1,2-DICHLOROETHENE	ug/L	49 J	33 J	39 J	40 J	420	410
ETHYLBENZENE	ug/L	ND@100	ND@100	ND@100	ND@100	ND@100	ND@25
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@100	ND@100	ND@100	ND@100	180	110
TETRACHLOROETHENE	ug/L	60 J	40 J	67 J	46 J	200	200
TOLUENE	ug/L	ND@100	ND@100	ND@100	ND@100	ND@100	ND@25
TRANS-1,2-DICHLOROETHENE	ug/L	ND@100	ND@100	ND@100	ND@100	ND@100	ND@25
TRICHLOROETHENE	ug/L	76 J	67 J	81 J	82 J	57 J	20 J
VINYL CHLORIDE	ug/L	ND@100	ND@100	ND@100	ND@100	88 J	ND@25
XYLENES, TOTAL	ug/L	ND@100	ND@100	ND@100	ND@100	ND@100	ND@25

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-045	EN-045	EN-045	EN-051	EN-051	EN-051	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/17/2016	08/01/2016	11/09/2016	02/09/2016	05/17/2016	08/01/2016	
Laboratory Sample I.D.	8389925	8508586	8690553	8239326	8389924	8508584	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	9600	7700	96000	790	26000	1700
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	35 J	29	190	2200	1300	420
1,1-DICHLOROETHANE	ug/L	59	73	190	ND@250	270	38
1,1-DICHLOROETHENE	ug/L	350	180	1200	80 J	880	68
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@50	ND@25	ND@25	ND@250	ND@250	14 J
1,2-DICHLOROETHANE (EDC)	ug/L	ND@50	18 J	190	ND@250	ND@250	ND@25
BENZENE	ug/L	ND@50	ND@25	ND@25	ND@250	ND@250	ND@25
CHLOROETHANE	ug/L	ND@50	ND@25	ND@25	ND@250	ND@250	ND@25
CIS-1,2-DICHLOROETHENE	ug/L	200	300	1400	16000	15000	3500
ETHYLBENZENE	ug/L	ND@50	ND@25	25 J	ND@250	71 J	ND@25
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@50	34	7400	ND@250	110 J	ND@25
TETRACHLOROETHENE	ug/L	140	200	790	8300	2100	1100
TOLUENE	ug/L	ND@50	ND@25	120	ND@250	ND@250	ND@25
TRANS-1,2-DICHLOROETHENE	ug/L	ND@50	ND@25	11 J	ND@250	ND@250	6.1 J
TRICHLOROETHENE	ug/L	16 J	51	140	230 J	97 J	33
VINYL CHLORIDE	ug/L	ND@50	ND@25	12 J	210 J	510	35
XYLENES, TOTAL	ug/L	ND@50	ND@25	97	110 J	330	75

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-051	EN-051	EN-052	EN-052	EN-052	EN-052	
Sample Description	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/09/2016	11/09/2016	02/09/2016	05/16/2016	08/01/2016	11/09/2016	
Laboratory Sample I.D.	8690550	8690551	8239198	8389915	8508585	8690552	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	180	180	88000	45000	12000	1300
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	430	320	730	210 J	210 J	100
1,1-DICHLOROETHANE	ug/L	5.5 J	5.2 J	50 J	ND@250	ND@250	26
1,1-DICHLOROETHENE	ug/L	14 J	13 J	1800	890	290	42
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@25	ND@25	ND@100	ND@250	ND@250	ND@10
1,2-DICHLOROETHANE (EDC)	ug/L	ND@25	ND@25	ND@100	ND@250	ND@250	ND@10
BENZENE	ug/L	ND@25	ND@25	ND@100	ND@250	ND@250	ND@10
CHLOROETHANE	ug/L	ND@25	ND@25	ND@100	ND@250	ND@250	ND@10
CIS-1,2-DICHLOROETHENE	ug/L	3500	3600	5500	2000	640	740
ETHYLBENZENE	ug/L	ND@25	ND@25	ND@100	ND@250	ND@250	ND@10
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@25	ND@25	ND@100	ND@250	ND@250	ND@10
TETRACHLOROETHENE	ug/L	470	460	1100	380	190 J	44
TOLUENE	ug/L	ND@25	ND@25	ND@100	ND@250	ND@250	ND@10
TRANS-1,2-DICHLOROETHENE	ug/L	11 J	14 J	ND@100	ND@250	ND@250	ND@10
TRICHLOROETHENE	ug/L	24 J	23 J	63 J	ND@250	ND@250	9.4 J
VINYL CHLORIDE	ug/L	11 J	9.5 J	ND@100	ND@250	ND@250	ND@10
XYLENES, TOTAL	ug/L	ND@25	ND@25	26 J	ND@250	ND@250	ND@10

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-053	EN-053	EN-053	EN-053	EN-054	EN-055	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/11/2016	05/10/2016	08/10/2016	11/07/2016	11/08/2016	05/10/2016	
Laboratory Sample I.D.	8242868	8377741	8524441	8687271	8687292	8377745	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	110000	56000	9200	4900	1.2	110
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	190	70	74 J	ND@50	1.7	30
1,1-DICHLOROETHANE	ug/L	2600	840	740	320	0.4 J	61
1,1-DICHLOROETHENE	ug/L	1900	1100	180	97	ND@0.5	12
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@100	ND@50	ND@100	ND@50	1.2	6.9
1,2-DICHLOROETHANE (EDC)	ug/L	250	83	ND@100	20 J	ND@0.5	ND@5.0
BENZENE	ug/L	ND@100	ND@50	ND@100	ND@50	ND@0.5	ND@5.0
CHLOROETHANE	ug/L	ND@100 J	ND@50	ND@100	ND@50	ND@0.5	ND@5.0
CIS-1,2-DICHLOROETHENE	ug/L	7800	3400	520	570	3.7	940
ETHYLBENZENE	ug/L	ND@100	ND@50	ND@100	ND@50	ND@0.5	ND@5.0
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	130	71	ND@100	ND@50	ND@0.5	ND@5.0
TETRACHLOROETHENE	ug/L	ND@100	ND@50	ND@100	ND@50	67	ND@5.0
TOLUENE	ug/L	50 J	24 J	ND@100	ND@50	ND@0.5	ND@5.0
TRANS-1,2-DICHLOROETHENE	ug/L	23 J	ND@50	ND@100	ND@50	0.1 J	6.2
TRICHLOROETHENE	ug/L	150	550	ND@100	ND@50	6.8	44
VINYL CHLORIDE	ug/L	1200	560	320	490	ND@0.5	67
XYLENES, TOTAL	ug/L	ND@100	ND@50	ND@100	ND@50	ND@0.5	ND@5.0

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Sample Location	EN-055	EN-056	EN-058	EN-058	EN-062	EN-064	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/07/2016	11/07/2016	05/10/2016	11/07/2016	11/09/2016	11/09/2016	
Laboratory Sample I.D.	8687275	8687277	8377746	8687276	8690556	8693716	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	92	9.6	2200	4900	0.2 J	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	31	2.6	1500	1100	ND@0.5	0.2 J
1,1-DICHLOROETHANE	ug/L	62	1.3	450	510	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	13	0.4 J	340	240	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	14	0.9	120	87	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@5	ND@0.5	ND@100	ND@25	ND@0.5	ND@0.5
BENZENE	ug/L	ND@5	ND@0.5	ND@100	ND@25	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@5	ND@0.5	ND@100	ND@25	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	1600	0.1 J	4200	220	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@5	ND@0.5	ND@100	ND@25	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@5	ND@0.5	ND@100	ND@25	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@5	ND@0.5	ND@100	ND@25	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@5	ND@0.5	ND@100	ND@25	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	7	ND@0.5	ND@100	ND@25	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	62	0.1 J	17000	940	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	59	ND@0.5	24 J	12 J	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@5	ND@0.5	ND@100	ND@25	ND@0.5	ND@0.5

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Sample Location	EN-065	EN-065	EN-065	EN-067	EN-069	EN-070
Sample Description	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	05/09/2016	11/07/2016	11/07/2016	08/01/2016	08/01/2016	08/01/2016
Laboratory Sample I.D.	8377855	8687295	8687296	8508574	8508572	8508570
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.9	0.2 J
1,1-DICHLOROETHANE	ug/L	0.6	0.6	0.6	14	0.2 J
1,1-DICHLOROETHENE	ug/L	0.5 J	0.5	0.5 J	0.2 J	0.2 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	4.5	0.9
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	2.4	2.2	2	3.3	9
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.5	4.3
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	0.2 J	0.2 J	0.2 J	0.2 J	ND@0.5
TRICHLOROETHENE	ug/L	7.5	8.2	7.6	0.4 J	21
VINYL CHLORIDE	ug/L	0.3 J	0.2 J	0.2 J	1.6	0.1 J
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-072	EN-073	EN-074	EN-075	EN-076	EN-077
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	08/01/2016	11/02/2016	11/03/2016	11/14/2016	11/14/2016	02/09/2016
Laboratory Sample I.D.	8508580	8681628	8681640	8702121	8702119	8239334
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	1.9	0.6	0.3 J	ND@0.5	17
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	11	0.2 J	0.9	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	5.9	3.6	ND@0.5	0.1 J	6.2
1,1-DICHLOROETHENE	ug/L	0.6	0.4 J	ND@0.5	ND@0.5	2.3
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	4.5	0.3 J	0.3 J	0.3 J	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	28	9.1	0.7	5.4	32
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	5.9	0.3 J	14	0.9	0.4 J
TOLUENE	ug/L	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	0.6	ND@0.5	ND@0.5	ND@0.5	0.3 J
TRICHLOROETHENE	ug/L	1.8	0.9	1.7	4.4	27
VINYL CHLORIDE	ug/L	0.7	0.4 J	ND@0.5	0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-077	EN-077	EN-077	EN-078	EN-078	EN-079
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	05/16/2016	08/08/2016	11/10/2016	05/18/2016	11/07/2016	05/12/2016
Laboratory Sample I.D.	8389916	8518993	8693728	8390087	8687324	8382754
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	19	20	40	0.3 J	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	0.3 J	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	7.4	9.8	24	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	3	3.8	9.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	0.2 J	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	28	23	19	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.5 J	0.4 J	0.6	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	0.2 J	0.1 J	0.1 J	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	24	22	39	0.2 J	0.2 J
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-079	EN-080	EN-080	EN-080	EN-081	EN-081
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	11/15/2016	05/09/2016	08/09/2016	11/02/2016	05/10/2016	11/07/2016
Laboratory Sample I.D.	8702130	8377726	8518990	8681593	8377751	8687279
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.1 J	0.3 J	2.7
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	0.2 J	0.3 J	0.7	1.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	0.8
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	0.2 J	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	0.1 J	0.1 J	ND@0.5	0.1 J
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	1	1.6	1.9	8
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	0.9
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.1 J	0.1 J	0.2 J
TRICHLOROETHENE	ug/L	ND@0.5	0.9	1.9	4.1	18
VINYL CHLORIDE	ug/L	ND@0.5	0.8	1.1	0.4 J	1
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-081	EN-083	EN-084	EN-091	EN-091	EN-091	
Sample Description	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/07/2016	11/03/2016	11/03/2016	02/11/2016	05/10/2016	07/21/2016	
Laboratory Sample I.D.	8687280	8681638	8681636	8242888	8377747	8490465	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	1.3	ND@1.3	ND@0.5	1.1	0.7	0.4 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	2.4	ND@0.5	ND@0.5	0.2 J	ND@0.5
1,1-DICHLOROETHANE	ug/L	1.1	0.7 J	ND@0.5	2.6	3.7	2
1,1-DICHLOROETHENE	ug/L	0.5	1.7	ND@0.5	0.9	1.4	0.8
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	2.1	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@1.3	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	0.1 J	ND@1.3	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@1.3	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	9.8	140	ND@0.5	7.6	11	6.2
ETHYLBENZENE	ug/L	ND@0.5	ND@1.3	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@1.3	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.5	ND@1.3	ND@0.5	1.2	1.1	1.1
TOLUENE	ug/L	ND@0.5	ND@1.3	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	0.2 J	3.3	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	10	7.4	ND@0.5	9	13	9.7
VINYL CHLORIDE	ug/L	0.9	1.8	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@1.3	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-091	EN-091	EN-091A	EN-091A	EN-091A	EN-091A	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	
Sample Date	08/30/2016	11/07/2016	02/09/2016	05/11/2016	05/11/2016	08/09/2016	
Laboratory Sample I.D.	8562750	8687266	8239316	8377810	8377811	8524419	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.5	0.4 J	0.4 J	0.4 J	0.4 J	0.3 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	4.5	1.8	0.3 J	0.4 J	0.4 J	0.2 J
1,1-DICHLOROETHENE	ug/L	1.3	0.7	0.1 J	0.2 J	0.2 J	0.1 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	13	5.3	0.9	1.4	1.5	0.8
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.9	0.9	0.8	0.7	0.7	0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	12	7.4	3.3	4.3	4.4	2.9
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-091A	EN-091A	EN-091T	EN-091T	EN-091T	EN-091T
Sample Description	REPLICATE	GW MON WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL
Sample Date	08/09/2016	11/08/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016
Laboratory Sample I.D.	8524420	8687329	8196350	8232824	8266717	8319622
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.5	0.2 J	0.2 J	0.2 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.3 J	0.4 J	0.1 J	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	0.1 J	0.1 J	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.8	1.1	0.3 J	ND@0.5	0.3 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.5	0.6	0.4 J	0.4 J	0.3 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	3	4.8	2	1.9	1.7
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-091T	EN-091T	EN-091T	EN-091T	EN-091T	EN-091T
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL
Sample Date	05/03/2016	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016
Laboratory Sample I.D.	8363284	8414483	8463636	8508267	8575341	8629400
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.2 J	0.2 J	0.1 J	0.2 J	0.2 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.1 J	0.1 J	0.1 J	0.2 J	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.3 J	0.3 J	0.3 J	0.4 J	0.4 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.3 J	0.3 J	0.3 J	0.4 J	0.3 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.5	1.5	1.6	1.6	1.7
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-091T	EN-091T	EN-092	EN-092	EN-092	EN-092	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/02/2016	12/06/2016	02/11/2016	05/17/2016	07/21/2016	08/29/2016	
Laboratory Sample I.D.	8680585	8732115	8242887	8389921	8490466	8562736	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.2 J	0.2 J	1.4	0.5	0.6	0.6
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.3 J	0.3 J	0.4 J	0.5 J	0.4 J	0.4 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.4 J	0.3 J	0.5 J	0.7	0.5 J	0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.3 J	0.3 J	1.4	1.4	1.4	1.1
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.8	1.7	1	1.3	0.9	0.9
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-092	EN-092A	EN-092A	EN-093	EN-093	EN-093	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/02/2016	05/17/2016	11/02/2016	02/09/2016	05/16/2016	07/21/2016	
Laboratory Sample I.D.	8681577	8390065	8681700	8239338	8390054	8488642	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.5 J	ND@0.5	ND@0.5	ND@0.5	0.2 J	0.3 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.3 J	ND@0.5	0.5 J	1.3	0.7	0.4 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.6	ND@0.5	ND@0.5	ND@0.5	1.3	0.4 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	1.1	ND@0.5	ND@0.5	ND@0.5	0.3 J	0.4 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.3	ND@0.5	ND@0.5	ND@0.5	1.5	1.2
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-093	EN-093	EN-094	EN-094	EN-097	EN-100	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/29/2016	11/02/2016	08/10/2016	11/07/2016	11/02/2016	02/08/2016	
Laboratory Sample I.D.	8562729	8681702	8524422	8687265	8681629	8239312	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.3 J	0.3 J	ND@0.5	0.1 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	0.2 J	ND@0.5	ND@0.5	ND@0.5	1.3
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	0.2 J	ND@0.5	ND@0.5	ND@0.5	0.2 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	2.7	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.4 J	0.5 J	0.8	0.8	ND@0.5	1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-100	EN-100	EN-100	EN-100	EN-102	EN-102	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/16/2016	07/21/2016	08/29/2016	11/02/2016	02/09/2016	05/16/2016	
Laboratory Sample I.D.	8390055	8490461	8562730	8681703	8239318	8390056	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	0.3 J	ND@0.5	ND@0.5	0.6	0.5 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.2 J	0.2 J	ND@0.5	0.2 J	0.9	0.6
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	0.5 J	0.1 J	ND@0.5	2	1.2
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.1 J	0.5	0.1 J	0.1 J	2.5	2
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.6	2.2	0.8	0.6	2.9	2
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.3 J

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-102	EN-102	EN-102	EN-105	EN-106	EN-107R	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW EXTR WELL	
Sample Date	07/21/2016	08/29/2016	11/03/2016	08/01/2016	11/03/2016	01/05/2016	
Laboratory Sample I.D.	8490462	8562731	8681710	8508576	8681637	8196353	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.6	0.6	0.6	ND@0.5	0.6	120
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	170
1,1-DICHLOROETHANE	ug/L	0.6	0.6	0.6	ND@0.5	2.3	2.7 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.3 J	11 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.7	ND@13
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@13
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@13
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@13
CIS-1,2-DICHLOROETHENE	ug/L	1	1.1	1.2	0.3 J	15	2700
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	55
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@13
TETRACHLOROETHENE	ug/L	2.6	2.8	2.5	ND@0.5	ND@0.5	15
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@13
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.3 J	5 J
TRICHLOROETHENE	ug/L	1.8	1.7	1.6	ND@0.5	5.1	29
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	0.1 J	210
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	120

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-107R	EN-107R	EN-107R	EN-107R	EN-107R	EN-107R	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	02/04/2016	03/01/2016	04/05/2016	05/03/2016	06/07/2016	07/06/2016	
Laboratory Sample I.D.	8232827	8266720	8319625	8363287	8414486	8463639	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	110	69	65	59	39	52
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	190	120	140	110	64	76
1,1-DICHLOROETHANE	ug/L	2.6 J	ND@13	ND@10	ND@10	ND@10	ND@10
1,1-DICHLOROETHENE	ug/L	11 J	7.4 J	7.8 J	7.8 J	5 J	6 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@13	ND@13	ND@10	ND@10	ND@10	ND@10
1,2-DICHLOROETHANE (EDC)	ug/L	ND@13	ND@13	ND@10	ND@10	ND@10	ND@10
BENZENE	ug/L	ND@13	ND@13	ND@10	ND@10	ND@10	ND@10
CHLOROETHANE	ug/L	ND@13	ND@13	ND@10	ND@10	ND@10	ND@10
CIS-1,2-DICHLOROETHENE	ug/L	2600	1900	2100	1600	1100	1300
ETHYLBENZENE	ug/L	110	69	91	77	42	38
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@13	ND@13	ND@10	ND@10	ND@10	ND@10
TETRACHLOROETHENE	ug/L	69	62	24	16	25	8.7 J
TOLUENE	ug/L	3.4 J	ND@13	2.5 J	2 J	ND@10	ND@10
TRANS-1,2-DICHLOROETHENE	ug/L	13	4.9 J	3.9 J	3.7 J	4.2 J	2 J
TRICHLOROETHENE	ug/L	42	34	26	23	22	69
VINYL CHLORIDE	ug/L	210	140	140	150	62	89
XYLENES, TOTAL	ug/L	170	100	130	100	77	67

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-107R	EN-107R	EN-107R	EN-107R	EN-107R	EN-112	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW MON WELL	
Sample Date	08/02/2016	09/07/2016	10/04/2016	11/02/2016	12/06/2016	02/08/2016	
Laboratory Sample I.D.	8508270	8575344	8629403	8680588	8732118	8239327	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	46	46	62	14	130	0.5 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	87	65	87	28	300	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@10	ND@10	ND@10	0.6 J	ND@10	6.2
1,1-DICHLOROETHENE	ug/L	4.6 J	3.1 J	3.6 J	1.2	9.8 J	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@10	ND@10	ND@10	0.6 J	ND@10	1.6
1,2-DICHLOROETHANE (EDC)	ug/L	ND@10	ND@10	ND@10	ND@1	ND@10	ND@0.5
BENZENE	ug/L	ND@10	ND@10	ND@10	ND@1	ND@10	ND@0.5
CHLOROETHANE	ug/L	ND@10	ND@10	ND@10	ND@1	ND@10	5.4 J
CIS-1,2-DICHLOROETHENE	ug/L	1100	1000	1200	240	3900	ND@0.5
ETHYLBENZENE	ug/L	42	38	23	32	100	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@10	ND@10	ND@10	ND@1	ND@10	ND@0.5
TETRACHLOROETHENE	ug/L	8.5 J	8.5 J	45	6.2	140	ND@0.5
TOLUENE	ug/L	ND@10	3 J	ND@10	0.6 J	3.6 J	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	2.4 J	15	14	0.6 J	76	ND@0.5
TRICHLOROETHENE	ug/L	78	100	59	40	37	ND@0.5
VINYL CHLORIDE	ug/L	81	87	67	36	190	0.1 J
XYLENES, TOTAL	ug/L	54	35	18	43	220	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

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Sample Location	EN-112	EN-112	EN-112	EN-112	EN-114	EN-114	
Sample Description	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/12/2016	05/12/2016	08/02/2016	11/15/2016	02/11/2016	05/10/2016	
Laboratory Sample I.D.	8382749	8382750	8508564	8702125	8242867	8377740	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	9.5	9.7	2.6	7.7	5.8	4.4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	19	21
1,1-DICHLOROETHANE	ug/L	9.4	9.5	7.9	60	5.1	5.2
1,1-DICHLOROETHENE	ug/L	0.3 J	0.3 J	ND@0.5	0.6	0.4 J	0.3 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	1.3	1.3	3.1	3	5	4.2
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	0.5 J	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	5.2	5.4	4.4	80	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.1 J	0.3 J	38	23
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	1.5	8.1
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	1.1	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	2.1	ND@0.5	2.2	1.9
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.3 J	ND@0.5	0.1 J
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.1 J	0.2 J	0.5 J	0.5 J
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.3 J	ND@0.5	1.7	0.7
VINYL CHLORIDE	ug/L	0.5	0.6	0.5 J	3.5	16	13
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	0.4 J	0.1 J	0.4 J

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-114	EN-114	EN-114T	EN-114T	EN-114T	EN-114T	
Sample Description	GW MON WELL	GW MON WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	08/10/2016	11/07/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	
Laboratory Sample I.D.	8524440	8687270	8196358	8232832	8266725	8319630	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	8.9	31	110	72	9.8	48
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	32	54	100	82	25	83
1,1-DICHLOROETHANE	ug/L	3.8	13	68	55	14	46
1,1-DICHLOROETHENE	ug/L	1.2	3.3	12	10	2	8.4
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	7.1	8.9	10	8.6 J	4.6	8.1
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@10	ND@10	0.1 J	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@10	ND@10	ND@0.5	ND@5.0
CHLOROETHANE	ug/L	ND@0.5	0.7	ND@10	ND@10	ND@0.5	ND@5.0
CIS-1,2-DICHLOROETHENE	ug/L	120	740	970	790	210	860
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@10	ND@10	0.5 J	ND@5.0
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@10	ND@10	ND@0.5	ND@5.0
TETRACHLOROETHENE	ug/L	4.8	1.2	ND@10	ND@10	0.8	1.3 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@10	ND@10	ND@0.5	ND@5.0
TRANS-1,2-DICHLOROETHENE	ug/L	0.6	1.5	3.5 J	2.2 J	0.8	1.2 J
TRICHLOROETHENE	ug/L	4	1.1	2.1 J	2.2 J	1.1	2 J
VINYL CHLORIDE	ug/L	20	240	200	180	52	140
XYLENES, TOTAL	ug/L	ND@0.5	0.7	ND@10	ND@10	0.2 J	ND@5.0

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-114T	EN-114T	EN-114T	EN-114T	EN-114T	EN-114T	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	05/03/2016	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	
Laboratory Sample I.D.	8363292	8414491	8463644	8508275	8575349	8629408	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	67	97	77	140	200	160
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	92	110	100	120	79	110
1,1-DICHLOROETHANE	ug/L	55	55	36	54	69	49
1,1-DICHLOROETHENE	ug/L	11	14	11	12	11	9.3
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	8.5	8.3	8.1	7.8	7.5	7.3
1,2-DICHLOROETHANE (EDC)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5	ND@5	ND@5.0
BENZENE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5	ND@5	ND@5.0
CHLOROETHANE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5	ND@5	ND@5.0
CIS-1,2-DICHLOROETHENE	ug/L	1000	1300	1500	1300	1300	1000
ETHYLBENZENE	ug/L	ND@5.0	1 J	1.3 J	2.2 J	3.7 J	3.1 J
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5	ND@5	ND@5.0
TETRACHLOROETHENE	ug/L	1.9 J	2.8 J	3.6 J	2.7 J	1.9 J	1.6 J
TOLUENE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5	ND@5	ND@5.0
TRANS-1,2-DICHLOROETHENE	ug/L	2.8 J	1.8 J	2 J	2.4 J	1.3 J	2.9 J
TRICHLOROETHENE	ug/L	3.4 J	5.8	4.6 J	2.4 J	1.6 J	1.5 J
VINYL CHLORIDE	ug/L	170	170	170	140	140	150
XYLENES, TOTAL	ug/L	ND@5.0	ND@5.0	ND@5.0	1.7 J	4.9 J	3.9 J

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-114T	EN-114T	EN-117	EN-122	EN-125	EN-126	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/02/2016	12/06/2016	11/03/2016	08/01/2016	11/04/2016	11/02/2016	
Laboratory Sample I.D.	8680592	8732122	8681633	8508577	8682406	8681576	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	310	840	0.2 J	0.2 J	0.1 J	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	61	59	0.3 J	0.6	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	55	110	0.2 J	5.4	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	11	16	ND@0.5	0.4 J	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	5.9 J	4.9 J	0.7	1.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@10	ND@10	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@10	ND@10	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@10	2 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	670	530	3.9	33	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	2.4 J	2.7 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@10	ND@10	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@10	5.7 J	3.8	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@10	ND@10	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@10	ND@10	ND@0.5	0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@10	ND@10	0.8	1.7	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	120	130	1.4	5.7	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	2.7 J	2.9 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-127	EN-127	EN-129	EN-129	EN-130	EN-130	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	
Sample Date	05/12/2016	11/07/2016	11/16/2016	11/16/2016	05/09/2016	11/02/2016	
Laboratory Sample I.D.	8382753	8687300	8702133	8702134	8374657	8681597	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	0.4 J	0.5	0.1 J	0.1 J
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.2 J	0.9	0.3 J	0.3 J	3.1	2.6
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.2 J	0.7	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	0.2 J	0.1 J	ND@0.5	0.1 J
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J	0.1 J
TRICHLOROETHENE	ug/L	0.3 J	1.6	ND@0.5	ND@0.5	0.5 J	0.4 J
VINYL CHLORIDE	ug/L	ND@0.5	0.2 J	ND@0.5	ND@0.5	0.7	0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	0.3 J	0.3 J	ND@0.5	0.3 J

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-132	EN-132	EN-133	EN-133	EN-133	EN-133	
Sample Description	GW MON WELL	GW MON WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	05/11/2016	11/03/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	
Laboratory Sample I.D.	8377910	8681693	8196351	8232825	8266718	8319623	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.1 J	0.1 J	0.2 J	0.3 J	0.2 J	0.3 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@0.5	0.1 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.5 J	0.8	0.9	0.7	0.8	0.8
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.5 J	0.7	0.9	0.9	0.8	0.9
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-133	EN-133	EN-133	EN-133	EN-133	EN-133	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	05/03/2016	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	
Laboratory Sample I.D.	8363285	8414484	8463637	8508268	8575342	8629401	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.2 J	0.2 J	0.2 J	0.2 J	0.2 J	0.2 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.8	0.8	1	0.9	0.9	0.9
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.8	0.7	0.7	0.6	0.7	0.8
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-133	EN-133	EN-148	EN-161	EN-161	EN-162
Sample Description	GW EXTR WELL	GW EXTR WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	11/02/2016	12/06/2016	11/03/2016	05/11/2016	11/08/2016	05/09/2016
Laboratory Sample I.D.	8680586	8732116	8681641	8377909	8687315	8377858
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.2 J	0.4 J	24	0.3 J	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	0.4 J	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	0.1 J	1.9	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.3 J	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.4 J	ND@0.5 J	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.1 J	1.7	ND@0.5	0.3 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.8	1	13	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.7	1	1.1	ND@0.5	2
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

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Sample Location	EN-162	EN-162	EN-163	EN-166	EN-170	EN-170
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	08/08/2016	11/07/2016	11/07/2016	08/01/2016	02/15/2016	05/05/2016
Laboratory Sample I.D.	8518987	8687301	8687297	8508573	8244666	8368798
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	1.4	0.4 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	1.6	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	7.8	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.3 J	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	3.6	ND@0.5 J
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.3 J	0.3 J	0.3 J	6.3	2.6
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	1.2	0.5 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5
TRICHLOROETHENE	ug/L	2.7	1.9	2.6	1.2	3.4
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.2 J	0.1 J
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-170	EN-170	EN-173	EN-173	EN-174	EN-174	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/09/2016	11/07/2016	05/09/2016	11/02/2016	05/09/2016	08/08/2016	
Laboratory Sample I.D.	8524435	8687303	8377725	8681592	8377856	8518989	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.2 J	0.2 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.2 J	ND@0.5	ND@0.5	ND@0.5	0.4 J	0.4 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	0.4 J	0.2 J	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	3.8	0.8	0.3 J	0.2 J	1.1	1
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.4 J	0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	0.1 J	ND@0.5	ND@0.5	ND@0.5	0.1 J	0.2 J
TRICHLOROETHENE	ug/L	5.8	2.7	ND@0.5	ND@0.5	0.7	0.7
VINYL CHLORIDE	ug/L	0.4 J	ND@0.5	1	0.3 J	0.1 J	0.2 J
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-174	EN-175	EN-176	EN-177	EN-177	EN-182	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	
Sample Date	11/07/2016	11/08/2016	08/01/2016	08/01/2016	08/01/2016	02/15/2016	
Laboratory Sample I.D.	8687298	8687340	8508575	8508567	8508568	8244692	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.5	0.7	0.7	0.1 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.3 J	ND@0.5	1	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.3 J	0.3 J	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.6	ND@0.5	0.6	0.4 J	0.4 J	0.3 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	1	1	1	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.6	ND@0.5	0.5	5.7	5.6	0.8
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	0.7	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

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Sample Location	EN-182	EN-182	EN-182	EN-183	EN-183	EN-183	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/05/2016	08/09/2016	11/07/2016	02/15/2016	05/12/2016	08/09/2016	
Laboratory Sample I.D.	8368796	8524437	8687304	8244691	8382755	8524438	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.2 J	0.1 J	0.2 J	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	0.1 J	ND@0.5	ND@0.5	0.1 J	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.7
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	1.1	1.5	0.8	2.3	2.3	0.9
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J
TRICHLOROETHENE	ug/L	2.9	2.6	1.5	0.7	0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	0.2 J	ND@0.5	0.5 J	1.1	0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.3 J

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

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Sample Location	EN-183	EN-186	EN-187	EN-188	EN-189	EN-190	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/07/2016	11/08/2016	11/03/2016	11/03/2016	11/03/2016	02/15/2016	
Laboratory Sample I.D.	8687305	8687291	8681642	8681686	8681685	8244665	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	0.7	0.2 J	0.2 J	0.7	1.7
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	4.2	ND@0.5	0.3 J	1	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5	1
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	0.5 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	1	2.1	ND@0.5	0.5	0.5 J	1.1
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.1 J	31	8.1	13	36	0.4 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.2	1.9	0.4 J	1.3	1.8	1
VINYL CHLORIDE	ug/L	0.6	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-190	EN-190	EN-190	EN-190	EN-191A	EN-191A	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/17/2016	07/20/2016	08/29/2016	11/02/2016	02/03/2016	05/16/2016	
Laboratory Sample I.D.	8390059	8488621	8562739	8681701	8231023	8390052	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	1.2	1.6	1.6	1.4	0.2 J	0.2 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.7	0.6	0.9	0.9	1	0.3 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.9	0.7	1.3	1.9	ND@0.5	0.2 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.3 J	0.3 J	0.4 J	0.5 J	0.3 J	0.3 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.8	0.9	0.9	1.1	1.2	1.1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-191A	EN-191A	EN-192	EN-192	EN-192	EN-192	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/09/2016	11/02/2016	02/15/2016	05/16/2016	07/20/2016	08/29/2016	
Laboratory Sample I.D.	8524421	8681705	8244661	8390049	8488618	8562738	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.5	0.2 J	0.5 J	0.5	0.5	0.4 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.7	0.2 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	1	0.2 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.4 J	0.3 J	0.3 J	0.4 J	0.4 J	0.3 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.4	1.1	1.1	1.2	1	0.8
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-192	EN-193	EN-193	EN-193	EN-193	EN-193	EN-193
Sample Description	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	11/04/2016	02/15/2016	02/15/2016	05/09/2016	08/09/2016		11/08/2016
Laboratory Sample I.D.	8682415	8244662	8244663	8377860	8524426		8687308
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.5	0.6	0.7	0.6	0.7	0.6
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J	0.1 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.2 J	0.2 J	0.2 J	0.2 J	0.2 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.3 J	4.4	5	4.3	5.6	4.3
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.8	1.7	2	1.6	1.2	0.8
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-194	EN-194	EN-194	EN-194	EN-194	EN-194	EN-194
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL
Sample Date	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016		06/07/2016
Laboratory Sample I.D.	8196346	8232820	8266713	8319618	8363279		8414479
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.3 J	0.3 J	0.4 J	0.3 J	0.3 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.3 J	1	0.4 J	0.3 J	0.5 J	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.3 J	ND@0.5	0.3 J	0.3 J	0.3 J	0.2 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.5	0.5 J	0.4 J	0.4 J	0.4 J	0.4 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.8	1.9	1.7	2	1.7	1.7
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-194	EN-194	EN-194	EN-194	EN-194	EN-194	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016	12/06/2016	
Laboratory Sample I.D.	8463631	8508262	8575336	8629395	8680581	8732111	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.4 J	0.6	0.6	0.5 J	0.4 J	0.5 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.4 J	0.6	0.4 J	0.3 J	0.3 J	0.3 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.4 J	0.8	0.7	0.5 J	0.3 J	0.3 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.4 J	0.5	0.5	0.5	0.5 J	0.5 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.8	2	2.2	2.2	1.9	1.8
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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January 1, 2016 - December 31, 2016

Sample Location	EN-200	EN-203	EN-203	EN-203	EN-204	EN-204	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/03/2016	05/10/2016	08/10/2016	11/01/2016	05/10/2016	11/08/2016	
Laboratory Sample I.D.	8681635	8377750	8525988	8681554	8377749	8687284	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.1 J	0.3 J	0.5 J	0.2 J	0.7	1.1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	0.2 J	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J	0.3 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	1.4	1.1	1.2	0.6	0.8
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-206	EN-206	EN-206	EN-207	EN-207	EN-207	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/10/2016	08/10/2016	11/08/2016	05/19/2016	08/08/2016	11/10/2016	
Laboratory Sample I.D.	8377748	8525996	8687283	8393138	8518971	8693755	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.8	0.8	1.2	0.2 J	0.2 J	0.1 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.2 J	0.2 J	0.3 J	ND@0.5	0.1 J	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	1.6	1.7	1.7	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.2	1	1	0.6	0.6	0.5 J
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-208A	EN-208A	EN-210	EN-210	EN-211	EN-213A	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/12/2016	11/10/2016	05/23/2016	11/10/2016	08/01/2016	05/12/2016	
Laboratory Sample I.D.	8382726	8693748	8395250	8693752	8508571	8382727	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.3 J	0.2 J	0.2 J	0.9	0.7
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	4	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	12	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.7	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	3.8	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	17	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J	ND@0.5
TRICHLOROETHENE	ug/L	0.7	0.6	1.1	0.9	2.5	0.7
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	1.2	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-213A	EN-214A	EN-214A	EN-214A	EN-214A	EN-214A	EN-214A
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL
Sample Date	11/10/2016	02/04/2016	05/10/2016	08/08/2016	08/08/2016	08/08/2016	11/08/2016
Laboratory Sample I.D.	8693747	8234164	8377863	8518982	8518983	8518983	8687311
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.7	0.2 J	0.3 J	0.3 J	0.3 J	0.2 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	0.1 J	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	1.4	1.4	1.7	1.6	1.3
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.6	0.7	0.7	0.7	0.7	0.7
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-214B	EN-214B	EN-214B	EN-214B	EN-215A	EN-215A
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	02/04/2016	05/10/2016	08/08/2016	11/08/2016	02/02/2016	05/18/2016
Laboratory Sample I.D.	8234165	8377864	8518984	8687312	8231012	8390088
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.2 J	0.3 J	0.2 J	0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.3 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5 J	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.1 J	0.1 J	0.1 J	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	4.7	1.9	1.8	1.9	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1	0.8	0.9	0.8	ND@0.9
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-215A	EN-215A	EN-215A	EN-215B	EN-215B	EN-215B	
Sample Description	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/18/2016	08/12/2016	11/09/2016	02/02/2016	05/18/2016	08/12/2016	
Laboratory Sample I.D.	8390089	8525990	8693719	8231013	8390090	8525991	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.5 J	0.4 J	0.4 J	0.4 J	0.3 J	0.4 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.2 J	0.2 J	0.3 J	0.3 J	0.2 J	0.1 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	0.1 J	0.1 J	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.9	0.8	0.9	ND@0.8	0.7	0.7
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-215B	EN-215T	EN-215T	EN-215T	EN-215T	EN-215T	
Sample Description	GW MON WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	11/09/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016	
Laboratory Sample I.D.	8693720	8196349	8232823	8266716	8319621	8363283	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.4 J	0.6	0.4 J	0.5	0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.3 J	0.1 J	0.4 J	0.2 J	0.1 J	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.1 J	ND@0.5	0.2 J	0.2 J	0.2 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.1 J	0.3 J	0.3 J	0.3 J	0.3 J	0.4 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.8	1.4	1.6	1.3	1.5	1.3
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-215T	EN-215T	EN-215T	EN-215T	EN-215T	EN-215T
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL
Sample Date	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016
Laboratory Sample I.D.	8414493	8463635	8508266	8575340	8629399	8680584
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.4 J	0.6	0.5 J	0.4 J	0.4 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.1 J	0.1 J	0.2 J	0.1 J	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	0.2 J	0.2 J	0.2 J	0.1 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.3 J	0.4 J	0.3 J	0.2 J	0.2 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.8	1.3	1.2	1.2	1.3
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-215T	EN-217A	EN-217A	EN-217A	EN-219R	EN-219R
Sample Description	GW EXTR WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW EXTR WELL	GW EXTR WELL
Sample Date	12/06/2016	05/12/2016	08/08/2016	11/10/2016	01/05/2016	02/04/2016
Laboratory Sample I.D.	8732114	8382728	8518976	8693746	8196354	8232828
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.4 J	0.1 J	0.2 J	0.1 J	13000
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	160
1,1-DICHLOROETHANE	ug/L	0.1 J	ND@0.5	ND@0.5	ND@0.5	480
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	140
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@50
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	11 J
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@50
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	20 J
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	0.2 J	0.1 J	0.1 J	1400
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@50
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@50
TETRACHLOROETHENE	ug/L	0.2 J	0.8	0.7	0.7	ND@50
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@50
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	180
TRICHLOROETHENE	ug/L	1.2	0.9	0.8	0.9	1100
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	25 J
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@50

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-219R	EN-219R	EN-219R	EN-219R	EN-219R	EN-219R	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	03/01/2016	04/05/2016	05/03/2016	06/07/2016	07/06/2016	08/02/2016	
Laboratory Sample I.D.	8266721	8319626	8363288	8414487	8463640	8508271	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	11000	13000	13000	13000	10000	12000
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	140	170	160	190	170	190
1,1-DICHLOROETHANE	ug/L	570	740	930	1300	1400	1500
1,1-DICHLOROETHENE	ug/L	250	300	350	400	320	270
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@50	22 J	20 J	23 J	25 J	21 J
1,2-DICHLOROETHANE (EDC)	ug/L	ND@50	11 J	12 J	12 J	12 J	10 J
BENZENE	ug/L	ND@50	ND@50	ND@50	ND@50	ND@50	ND@50
CHLOROETHANE	ug/L	42 J	88	240	420	590	520
CIS-1,2-DICHLOROETHENE	ug/L	2100	2300	2400	2300	2300	2100
ETHYLBENZENE	ug/L	ND@50	ND@50	ND@50	ND@50	ND@50	ND@50
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@50	ND@50	ND@50	ND@50	ND@50	ND@50
TETRACHLOROETHENE	ug/L	ND@50	ND@50	ND@50	ND@50	ND@50	ND@50
TOLUENE	ug/L	ND@50	ND@50	ND@50	ND@50	ND@50	ND@50
TRANS-1,2-DICHLOROETHENE	ug/L	ND@50	ND@50	ND@50	ND@50	ND@50	ND@50
TRICHLOROETHENE	ug/L	1000	1100	1100	1000	1200	1000
VINYL CHLORIDE	ug/L	170	210	230	270	320	280
XYLENES, TOTAL	ug/L	ND@50	ND@50	ND@50	ND@50	ND@50	ND@50

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-219R	EN-219R	EN-219R	EN-219R	EN-253R	EN-253R	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	09/07/2016	10/04/2016	11/02/2016	12/06/2016	01/05/2016	02/04/2016	
Laboratory Sample I.D.	8575345	8629404	8680589	8732119	8196355	8232829	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	9000	17000	10000	13000	66000	80000
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	92	210	150	170 J	210 J	200 J
1,1-DICHLOROETHANE	ug/L	1500	1800	1500	2000	59000	59000
1,1-DICHLOROETHENE	ug/L	150	230	200	190 J	1200	1200
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@50	31 J	27	ND@250	200 J	200 J
1,2-DICHLOROETHANE (EDC)	ug/L	13 J	13 J	12 J	ND@250	55 J	ND@250
BENZENE	ug/L	ND@50	ND@50	ND@25	ND@250	ND@250	ND@250
CHLOROETHANE	ug/L	600	780	540	1100	21000	22000
CIS-1,2-DICHLOROETHENE	ug/L	2100	2400	2100	1900	6100	7000
ETHYLBENZENE	ug/L	ND@50	ND@50	ND@25	ND@250	ND@250	ND@250
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@50	ND@50	ND@25	ND@250	290	230 J
TETRACHLOROETHENE	ug/L	ND@50	ND@50	ND@25	ND@250	ND@250	ND@250
TOLUENE	ug/L	ND@50	ND@50	ND@25	ND@250	780	940
TRANS-1,2-DICHLOROETHENE	ug/L	ND@50	ND@50	7.4 J	ND@250	ND@250	ND@250
TRICHLOROETHENE	ug/L	980	1300	1100	690	270	720
VINYL CHLORIDE	ug/L	280	390	260	370	850	790
XYLENES, TOTAL	ug/L	ND@50	ND@50	ND@25	ND@250	ND@250	ND@250

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January 1, 2016 - December 31, 2016

Sample Location	EN-253R	EN-253R	EN-253R	EN-253R	EN-253R	EN-253R	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	03/01/2016	04/05/2016	05/03/2016	06/07/2016	07/06/2016	08/02/2016	
Laboratory Sample I.D.	8266722	8319627	8363289	8414488	8463641	8508272	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	66000	72000	77000	74000	87000	80000
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	110 J	160 J	200 J	160 J	290	180 J
1,1-DICHLOROETHANE	ug/L	51000	53000	54000	71000	50000	62000
1,1-DICHLOROETHENE	ug/L	840	1000	1300	1600	1800	1100
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	140 J	190 J	180 J	180 J	140 J	140 J
1,2-DICHLOROETHANE (EDC)	ug/L	ND@250	ND@250	ND@250	ND@250	ND@250	ND@250
BENZENE	ug/L	ND@250	ND@250	ND@250	ND@250	ND@250	ND@250
CHLOROETHANE	ug/L	14000	14000	18000	17000	9800	8600
CIS-1,2-DICHLOROETHENE	ug/L	5000	4600	4200	5700	4100	4200
ETHYLBENZENE	ug/L	ND@250	ND@250	ND@250	ND@250	ND@250	ND@250
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	190 J	170 J	160 J	190 J	140 J	150 J
TETRACHLOROETHENE	ug/L	ND@250	ND@250	ND@250	ND@250	ND@250	ND@250
TOLUENE	ug/L	790	780	790	1100	940	790
TRANS-1,2-DICHLOROETHENE	ug/L	ND@250	ND@250	ND@250	ND@250	ND@250	ND@250
TRICHLOROETHENE	ug/L	460	220 J	310	390	440	210 J
VINYL CHLORIDE	ug/L	410	540	550	480	340	280
XYLENES, TOTAL	ug/L	ND@250	ND@250	ND@250	ND@250	ND@250	ND@250

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**Groundwater Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	EN-253R	EN-253R	EN-276	EN-276	EN-276	EN-276	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	09/07/2016	10/04/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	
Laboratory Sample I.D.	8575346	8629405	8196347	8232821	8266714	8319619	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	67000	64000	23	19	1200	2900
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	140 J	210 J	13	10	21	93
1,1-DICHLOROETHANE	ug/L	72000	100000	30	27	49	74
1,1-DICHLOROETHENE	ug/L	550	75 J	5.2	6.2	26	81
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	170 J	330	1.2	1	1.5	ND@10
1,2-DICHLOROETHANE (EDC)	ug/L	ND@250	87 J	0.6	0.6	1.5	7.9 J
BENZENE	ug/L	ND@250	ND@250	ND@0.5	ND@0.5	ND@0.5	ND@10
CHLOROETHANE	ug/L	16000	32000	ND@0.5	ND@0.5	ND@0.5	ND@10
CIS-1,2-DICHLOROETHENE	ug/L	5700	ND@250	41	47	70	220
ETHYLBENZENE	ug/L	ND@250	ND@250	ND@0.5	ND@0.5	ND@0.5	ND@10
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	180 J	170 J	ND@0.5	ND@0.5	15	ND@10
TETRACHLOROETHENE	ug/L	ND@250	ND@250	36	26	32	30
TOLUENE	ug/L	890	ND@250	ND@0.5	ND@0.5	ND@0.5	ND@10
TRANS-1,2-DICHLOROETHENE	ug/L	ND@250	ND@250	0.2 J	0.3 J	0.3 J	ND@10
TRICHLOROETHENE	ug/L	150 J	ND@250	39	34	44	46
VINYL CHLORIDE	ug/L	430	ND@250	0.6	0.7	1.5	3 J
XYLENES, TOTAL	ug/L	ND@250	ND@250	ND@0.5	ND@0.5	ND@0.5	ND@10

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January 1, 2016 - December 31, 2016

Sample Location	EN-276	EN-276	EN-276	EN-276	EN-276	EN-276	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	05/03/2016	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	
Laboratory Sample I.D.	8363280	8414480	8463632	8508263	8575337	8629396	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	12	4.4	6.4	6.2	3.7	2.4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	22	19	15	30	7.1	2.5
1,1-DICHLOROETHANE	ug/L	1.5	1.8	2.9	2.7	2.1	1.7
1,1-DICHLOROETHENE	ug/L	1	0.7	1.1	1.1	0.5	0.4 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.9	1	1.5	1.6	0.8	0.6
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	15	20	31	20	15	12
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	38	39	45	54	37	24
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	0.1 J	0.1 J	0.2 J	0.2 J	0.1 J	0.1 J
TRICHLOROETHENE	ug/L	9	8.9	11	12	9.8	8.9
VINYL CHLORIDE	ug/L	0.3 J	0.3 J	0.6	0.4 J	0.3 J	0.3 J
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	EN-276	EN-276R	EN-276R	EN-276R	EN-276R	EN-276R	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	11/02/2016	05/03/2016	06/07/2016	07/06/2016	08/02/2016	09/07/2016	
Laboratory Sample I.D.	8680582	8363281	8414481	8463633	8508264	8575338	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	83	1400	1500	1300	1000	840
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	23	89	31	20	20	15
1,1-DICHLOROETHANE	ug/L	37	120	110	140	180	240
1,1-DICHLOROETHENE	ug/L	9.5	120	94	75	59	39
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	1.7	2.3	ND@10	ND@10	ND@10	ND@5
1,2-DICHLOROETHANE (EDC)	ug/L	0.7	10	6.8 J	6.1 J	4.7 J	5 J
BENZENE	ug/L	ND@0.5	ND@1.0	ND@10	ND@10	ND@10	ND@5
CHLOROETHANE	ug/L	ND@0.5	ND@1.0	ND@10	ND@10	ND@10	ND@5
CIS-1,2-DICHLOROETHENE	ug/L	120	430	380	320	340	290
ETHYLBENZENE	ug/L	ND@0.5	ND@1.0	ND@10	ND@10	ND@10	ND@5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@1.0	ND@10	ND@10	ND@10	ND@5
TETRACHLOROETHENE	ug/L	46	32	39	24	20	19
TOLUENE	ug/L	ND@0.5	ND@1.0	ND@10	ND@10	ND@10	ND@5
TRANS-1,2-DICHLOROETHENE	ug/L	0.4 J	1 J	ND@10	ND@10	ND@10	ND@5
TRICHLOROETHENE	ug/L	15	200	140	120	130	140
VINYL CHLORIDE	ug/L	0.5	4.1	2.3 J	ND@10	ND@10	ND@5
XYLENES, TOTAL	ug/L	ND@0.5	ND@1.0	ND@10	ND@10	ND@10	ND@5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-276R	EN-276R	EN-278	EN-278	EN-278	EN-284	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	10/04/2016	12/06/2016	02/12/2016	08/08/2016	11/02/2016	02/04/2016	
Laboratory Sample I.D.	8629397	8732112	8242889	8518995	8681707	8234155	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	340	88	190	250	210	180
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	23	27	0.8 J	ND@1.0	1 J	3.9 J
1,1-DICHLOROETHANE	ug/L	140	36	210	580	410	180
1,1-DICHLOROETHENE	ug/L	22	8.5	17	23	26	47
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	1.7 J	1.4	0.6 J	ND@1.0	ND@2.5	ND@5.0
1,2-DICHLOROETHANE (EDC)	ug/L	2.4 J	1.2	0.8 J	3.2	2.2 J	2.4 J
BENZENE	ug/L	ND@2.5	ND@0.5	ND@1.0	ND@1.0	ND@2.5	ND@5.0
CHLOROETHANE	ug/L	ND@2.5	ND@0.5	ND@1.0	ND@1.0	ND@2.5	ND@5.0
CIS-1,2-DICHLOROETHENE	ug/L	200	70	97	130	110	480
ETHYLBENZENE	ug/L	ND@2.5	ND@0.5	ND@1.0	ND@1.0	ND@2.5	ND@5.0
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@2.5	ND@0.5	ND@1.0	ND@1.0	ND@2.5	ND@5.0
TETRACHLOROETHENE	ug/L	29	18	0.9 J	1.4	1.2 J	8.9
TOLUENE	ug/L	ND@2.5	ND@0.5	ND@1.0	ND@1.0	ND@2.5	ND@5.0
TRANS-1,2-DICHLOROETHENE	ug/L	0.6 J	0.3 J	1.3	ND@1.0	0.9 J	3.4 J
TRICHLOROETHENE	ug/L	110	63	95	93	95	1300
VINYL CHLORIDE	ug/L	ND@2.5	0.4 J	ND@1.0	ND@1.0	ND@2.5	1.1 J
XYLENES, TOTAL	ug/L	ND@2.5	ND@0.5	ND@1.0	ND@1.0	ND@2.5	ND@5.0

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**Groundwater Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	EN-284	EN-284	EN-284	EN-284P	EN-284P	EN-284P	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	05/17/2016	08/08/2016	11/02/2016	01/05/2016	02/04/2016	03/01/2016	
Laboratory Sample I.D.	8390076	8518996	8681708	8196348	8232822	8266715	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	120	120	86	21	24	18
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	2.2 J	2.7 J	4.2 J	0.5	0.6	0.4 J
1,1-DICHLOROETHANE	ug/L	200	190	140	21	23	21
1,1-DICHLOROETHENE	ug/L	25	37	22	3.2	3.7	3.3
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@5.0	ND@5.0	ND@5	0.2 J	0.2 J	0.2 J
1,2-DICHLOROETHANE (EDC)	ug/L	1.5 J	1.7 J	1.3 J	0.2 J	0.2 J	0.2 J
BENZENE	ug/L	ND@5.0	ND@5.0	ND@5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@5.0	ND@5.0	ND@5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	270	350	360	33	33	34
ETHYLBENZENE	ug/L	ND@5.0	ND@5.0	ND@5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@5.0	ND@5.0	ND@5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	4.9 J	6.6	5.5	2.1	2.3	1.8
TOLUENE	ug/L	ND@5.0	ND@5.0	ND@5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	1 J	4.2 J	1.8 J	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	420	960	410	29	29	24
VINYL CHLORIDE	ug/L	ND@5.0	ND@5.0	ND@5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@5.0	ND@5.0	ND@5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location Sample Description Sample Date Laboratory Sample I.D.	EN-284P	EN-284P	EN-284P	EN-284P	EN-284P	EN-284P
	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL
	04/05/2016	05/03/2016	06/07/2016	07/06/2016	08/02/2016	09/07/2016
	8319620	8363282	8414482	8463634	8508265	8575339
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	17	15	13	17	16
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.6	0.3 J	0.5	0.4 J	0.5
1,1-DICHLOROETHANE	ug/L	22	20	19	22	21
1,1-DICHLOROETHENE	ug/L	3.7	3.1	3.3	3.9	4
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.3 J	ND@0.5	ND@0.5	ND@0.5	0.2 J
1,2-DICHLOROETHANE (EDC)	ug/L	0.2 J	0.2 J	0.1 J	0.2 J	0.2 J
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	28	29	25	25	28
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	1.9	1.8	2.2	2.3	2.2
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J
TRICHLOROETHENE	ug/L	28	22	25	24	25
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location Sample Description Sample Date Laboratory Sample I.D.	EN-284P	EN-284P	EN-284P	EN-301	EN-301	EN-302
	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW MON WELL	REPLICATE	GW MON WELL
	10/04/2016	11/02/2016	12/06/2016	11/03/2016	11/03/2016	02/09/2016
	8629398	8680583	8732113	8681691	8681692	8239315
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	14	11	11	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.6	0.5 J	0.4 J	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	21	20	17	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	3.6	3	2.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.3 J	0.2 J	0.2 J	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	0.1 J	0.1 J	0.1 J	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	23	21	22	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	2.2	1.9	1.6	0.2 J	0.2 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	28	25	24	0.2 J	0.2 J
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-302	EN-302	EN-304	EN-304	EN-311	EN-311	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/12/2016	08/09/2016	08/02/2016	11/08/2016	05/19/2016	08/08/2016	
Laboratory Sample I.D.	8382752	8518991	8508542	8687339	8393135	8518978	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.8	1.3	ND@0.5	0.1 J	0.5 J	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	2.7	4.3	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.1 J	0.2 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	1	1.6	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.2 J	0.3 J	0.4 J	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	4.8	6.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	3.8	5.7	3.6	4.2	0.6	0.3 J
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

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Sample Location	EN-311	EN-380	EN-380	EN-381	EN-381	EN-382	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/08/2016	05/05/2016	11/09/2016	05/09/2016	11/02/2016	05/09/2016	
Laboratory Sample I.D.	8687293	8368803	8693712	8374658	8681601	8374660	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.1 J	1.8	2	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	0.3 J	0.3 J	ND@0.5	0.1 J	0.1 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.6	0.3 J	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.5	0.4 J	0.5 J	0.5	0.2 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	0.3 J	0.2 J	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.2 J	0.1 J	ND@0.5
TRICHLOROETHENE	ug/L	0.6	8.1	7.2	ND@0.5	ND@0.5	0.2 J
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	2.6	1.5	3.2
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-382	EN-384	EN-384	EN-386	EN-387A	EN-387A
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	11/02/2016	05/12/2016	11/07/2016	11/09/2016	02/04/2016	05/09/2016
Laboratory Sample I.D.	8681595	8382756	8687299	8693711	8234159	8374655
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.1 J	0.1 J	0.2 J	ND@0.5	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	0.3 J	0.4 J	0.8	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	1.8
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	17
CIS-1,2-DICHLOROETHENE	ug/L	0.2 J	1	3.5	2.4	43
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	2.8	0.6
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.3 J
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	4.8
TRICHLOROETHENE	ug/L	0.2 J	1.3	2.8	2.1	ND@0.5
VINYL CHLORIDE	ug/L	0.2 J	1.5	2.3	0.1 J	29
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J

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**Groundwater Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	EN-387A	EN-387A	EN-387A	EN-387A	EN-387A	EN-392R
Sample Description	REPLICATE	GW MON WELL	REPLICATE	GW MON WELL	REPLICATE	GW MON WELL
Sample Date	05/09/2016	08/09/2016	08/09/2016	11/02/2016	11/02/2016	05/09/2016
Laboratory Sample I.D.	8374656	8524423	8524424	8681599	8681600	8374661
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.2 J	0.1 J	0.1 J	0.2 J	ND@0.5
1,1-DICHLOROETHENE	ug/L	0.1 J	ND@0.5	ND@0.5	0.1 J	0.1 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	0.9	1.1	1.1	1.2	1.1
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J
CIS-1,2-DICHLOROETHENE	ug/L	48	26	25	46	46
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.7	ND@0.5	ND@0.5	0.2 J	0.2 J
TOLUENE	ug/L	ND@0.5	0.3 J	0.3 J	0.2 J	0.2 J
TRANS-1,2-DICHLOROETHENE	ug/L	2.7	3.2	3.2	2.6	2.6
TRICHLOROETHENE	ug/L	2.8	0.3 J	0.3 J	0.6	0.6
VINYL CHLORIDE	ug/L	29	20	20	22	22
XYLENES, TOTAL	ug/L	0.4 J	0.4 J	0.4 J	0.3 J	0.3 J

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-392R	EN-393	EN-393	EN-393	EN-394	EN-394
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	11/02/2016	05/09/2016	08/09/2016	11/02/2016	05/09/2016	08/09/2016
Laboratory Sample I.D.	8681602	8377724	8524428	8681594	8374664	8524429
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L ND@25000	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L ND@50000	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L ND@25000	0.1 J	0.1 J	0.2 J	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L ND@25000	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L ND@25000	0.5 J	0.4 J	0.4 J	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L ND@25000	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L ND@25000	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5
CHLOROETHANE	ug/L ND@25000	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L ND@25000	2.3	1.5	2.5	0.2 J	0.1 J
ETHYLBENZENE	ug/L ND@25000	ND@0.5	ND@0.5	ND@0.5	0.2 J	0.2 J
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L ND@25000	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L ND@25000	0.2 J	0.1 J	0.2 J	ND@0.5	ND@0.5
TOLUENE	ug/L ND@25000	ND@0.5	ND@0.5	ND@0.5	0.6	0.8
TRANS-1,2-DICHLOROETHENE	ug/L ND@25000	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L ND@25000	4.2	3.3	5.1	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L ND@25000	0.5 J	0.3 J	0.4 J	0.5	0.2 J
XYLENES, TOTAL	ug/L ND@25000	ND@0.5	ND@0.5	ND@0.5	2	2.4

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-394	EN-395	EN-395	EN-395	EN-396	EN-396
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	11/02/2016	05/09/2016	08/09/2016	11/02/2016	05/09/2016	11/02/2016
Laboratory Sample I.D.	8681596	8374666	8524430	8681623	8374665	8681598
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@1
1,1-DICHLOROETHANE	ug/L ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@1
1,1-DICHLOROETHENE	ug/L ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@1
1,2-DICHLOROETHANE (EDC)	ug/L ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@1
BENZENE	ug/L ND@0.5	0.4 J	0.9	0.2 J	0.2 J	ND@1
CHLOROETHANE	ug/L ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@1
CIS-1,2-DICHLOROETHENE	ug/L ND@0.5	0.2 J	ND@0.5	0.1 J	0.1 J	ND@1
ETHYLBENZENE	ug/L ND@0.5	0.2 J	ND@0.5	0.2 J	ND@0.5	ND@1
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@1
TETRACHLOROETHENE	ug/L ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@1
TOLUENE	ug/L ND@0.5	0.5	ND@0.5	0.9	0.1 J	ND@1
TRANS-1,2-DICHLOROETHENE	ug/L ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@1
TRICHLOROETHENE	ug/L ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@1
VINYL CHLORIDE	ug/L ND@0.5	0.5 J	ND@0.5	ND@0.5	ND@0.5	ND@1
XYLENES, TOTAL	ug/L ND@0.5	1.5	0.5	1.2	0.4 J	0.3 J

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-397	EN-398	EN-399	EN-399	EN-401	EN-401	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/02/2016	11/10/2016	05/09/2016	11/02/2016	02/04/2016	05/16/2016	
Laboratory Sample I.D.	8681627	8693731	8374667	8681624	8234156	8389918	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@5	ND@2.5	ND@1	1.5	1.4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@5	ND@2.5	ND@1	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@5	ND@2.5	ND@1	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@5	ND@2.5	ND@1	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@5	ND@2.5	ND@1	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@5	ND@2.5	ND@1	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@5	0.9 J	1.1	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@5	0.6 J	0.4 J	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	ND@5	ND@2.5	ND@1	0.2 J	0.1 J
ETHYLBENZENE	ug/L	ND@0.5	ND@5	ND@2.5	ND@1	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@5	ND@2.5	ND@1	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@5	ND@2.5	ND@1	ND@0.5	ND@0.5
TOLUENE	ug/L	0.2 J	ND@5	ND@2.5	ND@1	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@5	ND@2.5	ND@1	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@5	ND@2.5	ND@1	0.7	0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@5	ND@2.5	ND@1	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	0.2 J	ND@5	1.3 J	0.8 J	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-401	EN-401	EN-402	EN-402	EN-409	EN-415	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/08/2016	11/10/2016	05/12/2016	11/10/2016	08/02/2016	11/10/2016	
Laboratory Sample I.D.	8518975	8693749	8382730	8693753	8508553	8693744	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	1.7	1.3	0.3 J	0.3 J	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.2 J	0.1 J	0.1 J	ND@0.5	ND@0.5	0.2 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.6	0.5	0.6	0.5	ND@0.5	2
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-417A	EN-419	EN-419	EN-419	EN-421	EN-421	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/03/2016	02/03/2016	05/16/2016	08/14/2016	02/03/2016	05/18/2016	
Laboratory Sample I.D.	8512534	8231028	8389920	8532362	8234147	8390081	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.2 J	23	11	0.4 J	260	110
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	2.8	1.1	ND@0.5	ND@25	ND@25
1,1-DICHLOROETHANE	ug/L	0.1 J	25	15	10	240	140
1,1-DICHLOROETHENE	ug/L	ND@0.5	10	4.5	2	39	21 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	0.4 J	0.3 J	0.4 J	ND@25	ND@25
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	1.1	0.4 J	0.2 J	ND@25	ND@25
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@25	ND@25
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@25	ND@25
CIS-1,2-DICHLOROETHENE	ug/L	0.6	33	18	14	1500	1000
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@25	ND@25
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@25	ND@25
TETRACHLOROETHENE	ug/L	0.3 J	5.2	2.4	1.3	9.5 J	7.1 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@25	ND@25
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.3 J	0.2 J	0.1 J	ND@25	ND@25
TRICHLOROETHENE	ug/L	13	120	50	26	2200	1300
VINYL CHLORIDE	ug/L	0.4 J	0.8	0.4 J	1.8	ND@25	ND@25
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@25	ND@25

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-421	EN-421	EN-421	EN-422	EN-422	EN-422	
Sample Description	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/18/2016	08/14/2016	11/10/2016	02/03/2016	05/18/2016	11/10/2016	
Laboratory Sample I.D.	8390082	8532364	8693726	8234149	8390084	8693730	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	110	180	410	2600	4100	3000
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@10	ND@25	ND@25	12 J	17 J	ND@50
1,1-DICHLOROETHANE	ug/L	130	200	310	4900	7600	5900
1,1-DICHLOROETHENE	ug/L	19	30	27	340	810	750
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@10	ND@25	ND@25	ND@25	11 J	ND@50
1,2-DICHLOROETHANE (EDC)	ug/L	ND@10	ND@25	ND@25	16 J	26	38 J
BENZENE	ug/L	ND@10	ND@25	ND@25	ND@25	ND@25	ND@50
CHLOROETHANE	ug/L	ND@10	ND@25	ND@25	6.5 J	6.1 J	ND@50
CIS-1,2-DICHLOROETHENE	ug/L	1000	1600	1300	810	770	530
ETHYLBENZENE	ug/L	ND@10	ND@25	ND@25	ND@25	ND@25	ND@50
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@10	ND@25	ND@25	ND@25	ND@25	ND@50
TETRACHLOROETHENE	ug/L	7 J	8.1 J	11 J	ND@25	ND@25	ND@50
TOLUENE	ug/L	ND@10	ND@25	ND@25	ND@25	ND@25	ND@50
TRANS-1,2-DICHLOROETHENE	ug/L	ND@10	ND@25	ND@25	ND@25	ND@25	ND@50
TRICHLOROETHENE	ug/L	1400	2100	1600	220	240	110
VINYL CHLORIDE	ug/L	ND@10	ND@25	ND@25	200	140	45 J
XYLENES, TOTAL	ug/L	ND@10	ND@25	ND@25	ND@25	ND@25	ND@50

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-426	EN-426	EN-426	EN-428	EN-428	EN-428	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	05/23/2016	08/08/2016	11/10/2016	01/05/2016	02/04/2016	03/01/2016	
Laboratory Sample I.D.	8395252	8518973	8693754	8196356	8232830	8266723	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.3 J	0.3 J	82000	88000	70000
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	200 J	200 J	ND@500
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	11000	9300	7200
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	1100	1100	800
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@500	ND@500	ND@500
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@500	ND@500	ND@500
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@500	ND@500	ND@500
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	840	850	630
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.1 J	ND@0.5	990	950	760
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@500	ND@500	ND@500
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@500	ND@500	ND@500
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@500	ND@500	ND@500
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	170 J	350 J	290 J
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@500	ND@500	ND@500
TRICHLOROETHENE	ug/L	0.6	0.6	0.6	ND@500	110 J	ND@500
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@500	130 J	110 J
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@500	ND@500	ND@500

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-428	EN-428	EN-428	EN-428	EN-428	EN-428	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	04/05/2016	05/03/2016	06/07/2016	07/06/2016	08/02/2016	09/07/2016	
Laboratory Sample I.D.	8319628	8363290	8414489	8463642	8508273	8575347	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	68000	76000	59000	39000	33000	49000
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@500	ND@500	ND@500	ND@500	ND@500	ND@500
1,1-DICHLOROETHANE	ug/L	8900	10000	5900	4400	9000	16000
1,1-DICHLOROETHENE	ug/L	860	1300	1300	940	580	230 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@500	ND@500	ND@500	ND@500	ND@500	ND@500
1,2-DICHLOROETHANE (EDC)	ug/L	ND@500	ND@500	ND@500	ND@500	ND@500	ND@500
BENZENE	ug/L	ND@500	ND@500	ND@500	ND@500	ND@500	ND@500
CHLOROETHANE	ug/L	660	840	550	780	570	830
CIS-1,2-DICHLOROETHENE	ug/L	860	1100	540	590	690	1000
ETHYLBENZENE	ug/L	ND@500	ND@500	ND@500	ND@500	ND@500	ND@500
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@500	ND@500	ND@500	ND@500	ND@500	ND@500
TETRACHLOROETHENE	ug/L	ND@500	ND@500	ND@500	ND@500	ND@500	ND@500
TOLUENE	ug/L	360 J	370 J	290 J	200 J	300 J	280 J
TRANS-1,2-DICHLOROETHENE	ug/L	ND@500	ND@500	ND@500	ND@500	ND@500	ND@500
TRICHLOROETHENE	ug/L	110 J	270 J	ND@500	ND@500	ND@500	ND@500
VINYL CHLORIDE	ug/L	110 J	130 J	ND@500	130 J	ND@500	110 J
XYLENES, TOTAL	ug/L	ND@500	ND@500	ND@500	ND@500	ND@500	ND@500

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

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Sample Location	EN-428	EN-428	EN-428	EN-429	EN-430	EN-430	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	10/04/2016	11/01/2016	12/06/2016	02/03/2016	02/03/2016	05/23/2016	
Laboratory Sample I.D.	8629406	8680590	8732120	8231027	8234144	8395254	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	54000	41000	53000	2.3	2.2	4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@500	86 J	130 J	0.8	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	37000	34000	35000	0.4 J	1	3
1,1-DICHLOROETHENE	ug/L	ND@500	210	470	0.2 J	0.3 J	0.4 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@500	52 J	ND@250	0.6	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@500	ND@100	ND@250	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@500	ND@100	ND@250	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	1500	1900	3200	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@500	280	1100	2.6	1.6	3.9
ETHYLBENZENE	ug/L	ND@500	ND@100	ND@250	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@500	85 J	ND@250	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@500	34 J	ND@250	21	0.6	0.6
TOLUENE	ug/L	ND@500	ND@100	230 J	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@500	ND@100	ND@250	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@500	45 J	66 J	16	19	23
VINYL CHLORIDE	ug/L	ND@500	ND@100	ND@250	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@500	ND@100	ND@250	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-430	EN-431	EN-431	EN-431	EN-431	EN-432	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/10/2016	02/03/2016	05/18/2016	08/14/2016	11/10/2016	02/03/2016	
Laboratory Sample I.D.	8693733	8234145	8390079	8532363	8693723	8234146	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	8.7	27	20	30	14	50
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@1	ND@2.5	ND@2.5	ND@2.5	ND@2.5	ND@10
1,1-DICHLOROETHANE	ug/L	6.6	63	53	66	38	98
1,1-DICHLOROETHENE	ug/L	0.5 J	2.3 J	3.3	4.4	1.2 J	8.1 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@1	ND@2.5	ND@2.5	ND@2.5	ND@2.5	ND@10
1,2-DICHLOROETHANE (EDC)	ug/L	ND@1	1.5 J	1.4 J	1.3 J	0.8 J	ND@10
BENZENE	ug/L	ND@1	ND@2.5	ND@2.5	ND@2.5	ND@2.5	ND@10
CHLOROETHANE	ug/L	ND@1	ND@2.5	ND@2.5	ND@2.5	ND@2.5	ND@10
CIS-1,2-DICHLOROETHENE	ug/L	12	130	150	180	76	290
ETHYLBENZENE	ug/L	ND@1	ND@2.5	ND@2.5	ND@2.5	ND@2.5	ND@10
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@1	ND@2.5	ND@2.5	ND@2.5	ND@2.5	ND@10
TETRACHLOROETHENE	ug/L	1	7.2	6.6	9.6	4.4	9.8 J
TOLUENE	ug/L	ND@1	ND@2.5	ND@2.5	ND@2.5	ND@2.5	ND@10
TRANS-1,2-DICHLOROETHENE	ug/L	ND@1	ND@2.5	0.7 J	ND@2.5	ND@2.5	ND@10
TRICHLOROETHENE	ug/L	53	360	520	670	220	930
VINYL CHLORIDE	ug/L	ND@1	2.5	7.6	6.7	ND@2.5	ND@10
XYLENES, TOTAL	ug/L	ND@1	ND@2.5	ND@2.5	ND@2.5	ND@2.5	ND@10

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-432	EN-432	EN-433	EN-433	EN-433	EN-434	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/18/2016	11/10/2016	02/03/2016	05/18/2016	11/10/2016	02/04/2016	
Laboratory Sample I.D.	8390080	8693724	8234148	8390083	8693729	8234151	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	38	39	41	31	69	7100
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@10	ND@10	1 J	0.5 J	ND@2.5	56 J
1,1-DICHLOROETHANE	ug/L	87	78	36	24	47	5200
1,1-DICHLOROETHENE	ug/L	7.3 J	3.8 J	8	8.1	11	1100
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@10	ND@10	ND@1.0	ND@1.0	ND@2.5	ND@100
1,2-DICHLOROETHANE (EDC)	ug/L	ND@10	2.1 J	0.3 J	ND@1.0	ND@2.5	39 J
BENZENE	ug/L	ND@10	ND@10	ND@1.0	ND@1.0	ND@2.5	ND@100
CHLOROETHANE	ug/L	ND@10	ND@10	ND@1.0	ND@1.0	ND@2.5	ND@100
CIS-1,2-DICHLOROETHENE	ug/L	270	250	83	54	110	2500
ETHYLBENZENE	ug/L	ND@10	ND@10	ND@1.0	ND@1.0	ND@2.5	ND@100
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@10	ND@10	ND@1.0	ND@1.0	ND@2.5	ND@100
TETRACHLOROETHENE	ug/L	8.8 J	9.4 J	6.7	3.7	4.3	ND@100
TOLUENE	ug/L	ND@10	ND@10	ND@1.0	ND@1.0	ND@2.5	ND@100
TRANS-1,2-DICHLOROETHENE	ug/L	ND@10	ND@10	ND@1.0	ND@1.0	ND@2.5	ND@100
TRICHLOROETHENE	ug/L	940	640	200	93	170	390
VINYL CHLORIDE	ug/L	ND@10	ND@10	ND@1.0	ND@1.0	ND@2.5	ND@100
XYLENES, TOTAL	ug/L	ND@10	ND@10	ND@1.0	ND@1.0	ND@2.5	ND@100

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-434	EN-434	EN-434	EN-434	EN-435	EN-435	
Sample Description	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/04/2016	05/18/2016	08/14/2016	11/09/2016	02/04/2016	05/18/2016	
Laboratory Sample I.D.	8234152	8390085	8532367	8693722	8234150	8390086	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	6500	2000	970	770	11	5.4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	53	38	30	15	ND@1.0	ND@1.0
1,1-DICHLOROETHANE	ug/L	4800	1800	1100	1100	3.7	1.5
1,1-DICHLOROETHENE	ug/L	1100	640	370	170	3.3	1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@50	7.8 J	6.2 J	4.1 J	ND@1.0	ND@1.0
1,2-DICHLOROETHANE (EDC)	ug/L	37 J	13	6.2 J	5.6 J	ND@1.0	ND@1.0
BENZENE	ug/L	ND@50	ND@10	ND@10	ND@10	ND@1.0	ND@1.0
CHLOROETHANE	ug/L	ND@50	ND@10	ND@10	ND@10	ND@1.0	ND@1.0
CIS-1,2-DICHLOROETHENE	ug/L	2300	1100	770	450	110	54
ETHYLBENZENE	ug/L	ND@50	ND@10	ND@10	ND@10	ND@1.0	ND@1.0
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@50	ND@10	ND@10	ND@10	ND@1.0	ND@1.0
TETRACHLOROETHENE	ug/L	ND@50	ND@10	ND@10	ND@10	0.4 J	0.2 J
TOLUENE	ug/L	ND@50	2.8 J	ND@10	ND@10	ND@1.0	ND@1.0
TRANS-1,2-DICHLOROETHENE	ug/L	ND@50	3 J	2.2 J	ND@10	0.4 J	ND@1.0
TRICHLOROETHENE	ug/L	320	40	68	45	150	57
VINYL CHLORIDE	ug/L	13 J	140	9.7 J	40	0.5 J	ND@1.0
XYLENES, TOTAL	ug/L	ND@50	ND@10	ND@10	ND@10	ND@1.0	ND@1.0

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-435	EN-435	EN-436	EN-436	EN-436	EN-436	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/14/2016	11/10/2016	02/09/2016	05/17/2016	07/21/2016	08/29/2016	
Laboratory Sample I.D.	8532366	8693732	8239319	8390062	8488637	8562732	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	8.8	6.6	0.1 J	0.1 J	0.1 J	0.3 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@1	ND@5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	4.3	4.4 J	0.4 J	0.2 J	0.1 J	ND@0.5
1,1-DICHLOROETHENE	ug/L	6.6	5 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@1	ND@5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@1	ND@5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@1	ND@5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@1	ND@5	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	240	230	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@1	ND@5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@1	ND@5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.9 J	ND@5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@1	ND@5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	1	ND@5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	520	360	1.3	0.9	0.8	0.9
VINYL CHLORIDE	ug/L	0.9 J	ND@5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@1	ND@5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-436	EN-437	EN-437	EN-437	EN-437	EN-437	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/01/2016	02/08/2016	05/16/2016	07/20/2016	08/29/2016	11/04/2016	
Laboratory Sample I.D.	8681695	8239310	8389917	8488620	8562740	8682419	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.2 J	0.6	1.3	0.5	0.6	0.6
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.7	1.4	1.1	0.8	0.8	0.8
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-438	EN-438	EN-438	EN-438	EN-439A	EN-439A	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/17/2016	07/21/2016	08/29/2016	11/01/2016	02/02/2016	05/19/2016	
Laboratory Sample I.D.	8390064	8488641	8562734	8681697	8230999	8393128	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	0.2 J	ND@0.5	ND@0.5	0.3 J	0.6
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	0.1 J	ND@0.5	0.5 J	0.1 J	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	0.5 J	ND@0.5	ND@0.5	1.3	0.7
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-439A	EN-439A	EN-439A	EN-439A	EN-439B	EN-439B	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	
Sample Date	07/21/2016	08/30/2016	11/01/2016	11/01/2016	02/02/2016	05/19/2016	
Laboratory Sample I.D.	8490454	8562745	8681556	8681557	8231000	8393129	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.5 J	0.8	0.5	0.5	0.7	0.6
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.1 J	0.4 J	0.2 J	0.2 J	0.5	0.4 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5	0.3 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.6	0.7
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.6	0.6	0.7	0.7	1.1	0.8
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-439B	EN-439B	EN-439B	EN-439B	EN-440	EN-440	
Sample Description	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	07/21/2016	08/30/2016	08/30/2016	11/01/2016	02/02/2016	05/19/2016	
Laboratory Sample I.D.	8490455	8562746	8562747	8681558	8231009	8393131	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.9	0.6	0.7	0.5	1.3	1.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.5 J	0.4 J	0.4 J	0.3 J	0.3 J	0.3 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.2 J	0.2 J	0.2 J	0.2 J	ND@0.5	0.4 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.5	0.6	0.7	0.7	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.7	0.8	0.8	0.8	1.9	1.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Endicott, New York**

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Sample Location	EN-440	EN-440	EN-440	EN-441	EN-441	EN-441	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	07/21/2016	08/30/2016	11/01/2016	02/02/2016	05/19/2016	07/21/2016	
Laboratory Sample I.D.	8490460	8562754	8681574	8231008	8393132	8490459	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	1.3	1.4	1.4	0.6	0.5	1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.3 J	0.4 J	0.5 J	0.7	0.2 J	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.4 J	0.5 J	0.5 J	ND@0.5	0.2 J	0.3 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.6	1.4	1.9	1	0.9	1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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January 1, 2016 - December 31, 2016

Sample Location	EN-441	EN-441	EN-442A	EN-442A	EN-442A	EN-442A	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/30/2016	11/01/2016	02/02/2016	05/16/2016	07/20/2016	08/29/2016	
Laboratory Sample I.D.	8562753	8681573	8231006	8390050	8488623	8562743	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.9	0.6	0.9	1	1.1	1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.2 J	0.2 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.3 J	0.2 J	ND@0.5	0.2 J	0.2 J	0.1 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1	0.9	ND@0.9	0.8	0.9	0.8
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-442A	EN-442B	EN-442B	EN-442B	EN-442B	EN-442B
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	11/04/2016	02/02/2016	05/16/2016	07/20/2016	08/29/2016	11/04/2016
Laboratory Sample I.D.	8682416	8231007	8390051	8488624	8562744	8682417
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	1	1.1	1	1	1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.2 J	ND@0.5	0.1 J	0.2 J	0.1 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.8	ND@0.8	0.9	0.9	0.8
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-443	EN-443	EN-443	EN-443	EN-444A	EN-444A	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/02/2016	05/10/2016	08/09/2016	11/08/2016	02/02/2016	05/04/2016	
Laboratory Sample I.D.	8231005	8377869	8524425	8687310	8231016	8368787	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.5 J	0.6	0.4 J	0.6	0.3 J	0.4 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.1 J	ND@0.5	0.1 J	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	3.8	4.8	4.3	5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1	1	0.6	0.9	ND@0.8	0.7
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-444A	EN-444A	EN-444B	EN-444B	EN-444B	EN-444B	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/12/2016	11/01/2016	02/02/2016	05/04/2016	08/12/2016	11/01/2016	
Laboratory Sample I.D.	8526000	8681571	8231017	8368788	8526001	8681572	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.4 J	0.3 J	0.4 J	0.4 J	0.5	0.5 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	ND@0.5	ND@0.5	0.1 J	0.1 J	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5	0.1 J
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.5	0.6	1.1	0.8	0.9	1.1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-445	EN-445	EN-446A	EN-446A	EN-446B	EN-446B	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/04/2016	11/01/2016	05/04/2016	11/01/2016	05/04/2016	11/01/2016	
Laboratory Sample I.D.	8368794	8681553	8368789	8681569	8368790	8681570	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.3 J	0.4 J	0.3 J	0.4 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5	0.1 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.8	1	0.7	1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-447A	EN-447A	EN-447A	EN-447A	EN-447A	EN-447B	
Sample Description	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/04/2016	05/10/2016	05/10/2016	08/08/2016	11/08/2016	02/04/2016	
Laboratory Sample I.D.	8234166	8377865	8377866	8518985	8687313	8234167	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.3 J	0.3 J	0.6	0.4 J	0.5 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.2 J	ND@0.5	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5 J	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.9	0.8	0.7	0.8	0.8	0.9
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Endicott, New York**

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Sample Location	EN-447B	EN-447B	EN-447B	EN-447T	EN-447T	EN-447T	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	05/10/2016	08/08/2016	11/08/2016	01/05/2016	02/04/2016	03/01/2016	
Laboratory Sample I.D.	8377867	8518986	8687314	8196345	8232819	8266712	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.6	0.6	0.6	0.5 J	0.5 J	0.4 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.2 J	0.3 J	0.2 J	0.2 J	0.2 J	0.1 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5	0.1 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	2.1	1.8	2
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.7	0.7	0.6	1.1	1.1	1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	EN-447T	EN-447T	EN-447T	EN-447T	EN-447T	EN-447T	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	04/05/2016	05/03/2016	06/07/2016	07/06/2016	08/02/2016	09/07/2016	
Laboratory Sample I.D.	8319617	8363278	8414478	8463630	8508261	8575335	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.5	0.4 J	0.4 J	0.4 J	0.4 J	0.5 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.2 J	0.1 J	0.1 J	0.1 J	0.1 J	0.1 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.2 J	0.1 J	0.1 J	0.1 J	0.1 J	0.2 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	1.9	2	2	1.8	1.9	1.8
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.2	1	0.9	0.9	0.7	0.9
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-447T	EN-447T	EN-447T	EN-448	EN-448	EN-448
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	10/04/2016	11/02/2016	12/06/2016	02/04/2016	05/10/2016	11/07/2016
Laboratory Sample I.D.	8629394	8680580	8732110	8234168	8377870	8687321
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.5 J	0.4 J	0.6	0.2 J	0.3 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.1 J	0.1 J	0.1 J	ND@0.5 J	0.1 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	0.1 J	0.1 J	ND@0.5 J	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
TETRACHLOROETHENE	ug/L	1.7	1.8	1.8	0.2 J	0.2 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
TRICHLOROETHENE	ug/L	0.9	0.9	0.9	1.8 J	1.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5

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Sample Location	EN-449	EN-449	EN-449	EN-450	EN-450	EN-450
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	05/12/2016	08/08/2016	11/09/2016	02/08/2016	05/19/2016	07/21/2016
Laboratory Sample I.D.	8382729	8518977	8693743	8239313	8393126	8488635
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	1.4	1.8	1.4	1	0.9
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.4 J	0.4 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.3 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	1.2	1.7
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.6	0.8	0.6	0.9	1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

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Sample Location	EN-450	EN-450	EN-451	EN-451	EN-451	EN-451
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	08/30/2016	11/14/2016	02/09/2016	05/11/2016	08/09/2016	11/09/2016
Laboratory Sample I.D.	8562748	8702117	8239317	8377905	8524415	8693736
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	1	0.9	0.2 J	0.2 J	0.2 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.3 J	0.2 J	ND@0.5	ND@0.5	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5 J	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.3 J	0.3 J	ND@0.5	0.1 J	0.2 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	1.5	1.7	0.5 J	0.4 J	0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.9	1	0.8	0.7	1.2
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-451P	EN-451P	EN-451P	EN-451P	EN-451P	EN-451P
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL
Sample Date	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016	06/07/2016
Laboratory Sample I.D.	8196352	8232826	8266719	8319624	8363286	8414485
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.8	0.3 J	0.2 J	0.2 J	3.1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.2 J	ND@0.5	0.2 J	0.2 J	0.2 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.6	0.5	0.5	0.5 J	0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.2	1.3	1.2	1.2	1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-451P	EN-451P	EN-451P	EN-451P	EN-451P	EN-451P	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016	12/06/2016	
Laboratory Sample I.D.	8463638	8508269	8575343	8629402	8680587	8732117	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.2 J	0.3 J	0.3 J	1.5	0.3 J	0.4 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.1 J	0.2 J	0.2 J	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.2 J	0.2 J	0.2 J	0.2 J	0.2 J	0.2 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.6	0.6	0.5	0.6	0.5	0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.9	0.9	1	1.2	1.3	1.4
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	EN-453	EN-453	EN-453	EN-454	EN-454	EN-454	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/19/2016	08/09/2016	11/14/2016	02/09/2016	05/17/2016	07/21/2016	
Laboratory Sample I.D.	8393133	8518997	8702118	8239314	8390066	8490458	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.2 J	0.2 J	0.2 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.2 J	0.6	0.3 J	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.2 J	0.2 J	0.3 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.7	0.6	0.9	1	0.8	1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-454	EN-454	EN-455	EN-455	EN-455	EN-455	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/30/2016	11/01/2016	02/02/2016	05/19/2016	07/21/2016	08/30/2016	
Laboratory Sample I.D.	8562751	8681698	8231001	8393134	8488636	8562752	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.2 J	0.1 J	0.3 J	0.3 J	0.4 J	0.3 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	0.1 J	0.3 J	0.3 J	0.2 J	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.2 J	0.2 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.9	0.8	ND@0.9	0.8	0.9	0.7
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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January 1, 2016 - December 31, 2016

Sample Location	EN-455	EN-456	EN-456	EN-456	EN-456	EN-456	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	
Sample Date	11/01/2016	02/05/2016	05/16/2016	07/21/2016	07/21/2016	08/29/2016	
Laboratory Sample I.D.	8681559	8234171	8390053	8490452	8490453	8562737	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.2 J	0.2 J	ND@0.5	0.3 J	0.3 J	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.2 J	0.8	0.1 J	0.3 J	0.3 J	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	ND@0.5	ND@0.5	0.1 J	0.1 J	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	0.1 J	ND@0.5	0.3 J	0.2 J	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.7	ND@0.6	0.4 J	1	1.1	0.4 J
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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January 1, 2016 - December 31, 2016

Sample Location	EN-456	EN-457A	EN-457A	EN-457A	EN-457B	EN-457B	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/02/2016	05/04/2016	08/08/2016	11/09/2016	05/04/2016	11/09/2016	
Laboratory Sample I.D.	8681704	8368791	8518988	8693717	8368792	8693718	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	0.2 J	0.2 J	0.3 J	0.5 J	0.6
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.3 J	0.1 J	ND@0.5	ND@0.5	0.2 J	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.3 J	0.8	1.2	1	1	0.7
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-458	EN-458	EN-459A	EN-459A	EN-459A	EN-459A	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	
Sample Date	05/23/2016	11/08/2016	02/08/2016	05/19/2016	08/08/2016	08/08/2016	
Laboratory Sample I.D.	8395245	8687341	8239335	8393136	8518979	8518980	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	0.5	0.2 J	0.2 J	0.2 J	0.2 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	0.6	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	0.5 J	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.3 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.9	0.8	ND@0.5	0.3 J	0.3 J	0.3 J
VINYL CHLORIDE	ug/L	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-459A	EN-459A	EN-459B	EN-459B	EN-459B	EN-459B	
Sample Description	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	GW EXTR WELL	
Sample Date	11/08/2016	11/08/2016	02/11/2016	05/11/2016	08/10/2016	08/30/2016	
Laboratory Sample I.D.	8687336	8687337	8242876	8377755	8525997	8562768	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.2 J	0.2 J	2.7	2.9	240	2.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	2.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.2 J	0.3 J	100	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.5	0.5	17	0.3 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.8	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	1.1	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	1.3	1.3	35	1.1
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J	ND@0.5
TRICHLOROETHENE	ug/L	0.2 J	0.2 J	18	18	26	9.6
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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January 1, 2016 - December 31, 2016

Sample Location	EN-459B	EN-460A	EN-460A	EN-460A	EN-460A	EN-460B	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/08/2016	02/08/2016	05/19/2016	08/08/2016	11/08/2016	02/11/2016	
Laboratory Sample I.D.	8687285	8239336	8393137	8518981	8687338	8242877	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	2.5	0.6	0.6	0.6	0.3 J	2.3
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.2 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	0.4 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	1.2	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	12	1	1.1	0.8	0.5	13
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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January 1, 2016 - December 31, 2016

Sample Location	EN-460B	EN-460B	EN-460B	EN-460B	EN-460C	EN-460C	
Sample Description	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/11/2016	05/11/2016	08/10/2016	11/08/2016	02/11/2016	05/11/2016	
Laboratory Sample I.D.	8242878	8377756	8525998	8687288	8242879	8377757	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	2.3	2.1	1.5	1.7	2.5	2.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	11	11	1.9	1.9	20	23
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	EN-460C	EN-460C	EN-462	EN-462	EN-463	EN-463	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/10/2016	11/08/2016	05/12/2016	11/10/2016	05/23/2016	11/10/2016	
Laboratory Sample I.D.	8525999	8687289	8382731	8693751	8395251	8693750	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	2.2	1.9	0.4 J	0.4 J	0.3 J	0.4 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	16	9.5	0.8	0.6	1.1	1.1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-464	EN-467	EN-468	EN-468	EN-468	EN-470
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	11/11/2016	11/10/2016	05/23/2016	08/08/2016	11/11/2016	02/09/2016
Laboratory Sample I.D.	8693757	8693745	8395253	8518972	8693758	8239321
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	ND@0.5	0.2 J	0.2 J	0.2 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.1 J	ND@0.5	0.1 J	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	4.4	ND@0.5	ND@0.5	0.6
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.5 J	0.9	0.6	0.7	0.6
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-470	EN-470	EN-470	EN-471	EN-471	EN-471
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	05/05/2016	08/10/2016	11/07/2016	02/09/2016	05/23/2016	11/10/2016
Laboratory Sample I.D.	8368802	8524439	8687326	8239333	8395248	8693734
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.3 J	0.4 J	4000	3900
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	58	55
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	3100	2100
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	820	550
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@25	11 J
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	34	16 J
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@25	ND@25
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@25 J	ND@25
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	540	360
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@25	ND@25
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@25	ND@25
TETRACHLOROETHENE	ug/L	0.5	0.6	0.6	ND@25	ND@25
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@25	ND@25
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@25	ND@25
TRICHLOROETHENE	ug/L	1.3	1.3	1.6	73	50
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	230	55
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@25	ND@25

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January 1, 2016 - December 31, 2016

Sample Location	EN-472	EN-473A	EN-473B	EN-474	EN-474	EN-474	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/16/2016	11/09/2016	11/09/2016	02/04/2016	05/23/2016	11/09/2016	
Laboratory Sample I.D.	8702131	8693741	8693742	8234157	8395246	8690545	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.6	ND@0.5	ND@0.5	0.4 J	0.3 J	0.4 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.3 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	0.2 J	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	0.1 J	0.1 J	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.3 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	0.4 J	17	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	0.5 J	0.3 J	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	2.4	ND@0.5	ND@0.5	1.1	1	0.9
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	0.7	5.1	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-475	EN-475	EN-475	EN-477	EN-477	EN-477	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/04/2016	05/16/2016	11/09/2016	02/02/2016	05/19/2016	07/21/2016	
Laboratory Sample I.D.	8234158	8389919	8690546	8231018	8393125	8490464	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.9	1	1.2	2.5	1.5	1.7
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.2 J	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	3.7	2.2	1.6
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	1	0.5	0.2 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	17	10	5.4
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	3.1	3	2.9
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.9	0.9	0.7	13	9.6	7.1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-477	EN-477	EN-478A	EN-478A	EN-478A	EN-478A	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/30/2016	11/02/2016	02/02/2016	05/11/2016	07/20/2016	08/29/2016	
Laboratory Sample I.D.	8562756	8681578	8231010	8377911	8488630	8562741	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	1.7	1.3	0.3 J	0.5 J	0.4 J	0.6
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	2.1	2.1	0.1 J	0.1 J	ND@0.5	0.3 J
1,1-DICHLOROETHENE	ug/L	0.1 J	0.4 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	5.9	8.8	ND@0.5	ND@0.5	ND@0.5	0.1 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	2.3	2.1	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	3.4	6	ND@0.6	0.8	0.9	0.9
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-478A	EN-478B	EN-478B	EN-478B	EN-478B	EN-478B	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	
Sample Date	11/01/2016	02/02/2016	05/11/2016	05/11/2016	07/20/2016	08/29/2016	
Laboratory Sample I.D.	8681566	8231011	8377912	8377913	8488631	8562742	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.6	0.5	0.7	0.6	0.5	0.4 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.3 J	0.2 J	0.2 J	0.2 J	0.2 J	0.1 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5 J	ND@0.5 J	ND@0.5 J	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.2 J	ND@0.5	0.1 J	0.2 J	0.1 J	0.1 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1	1.7	1.4	1.3	1.1	1.1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-478B	EN-478B	EN-479A	EN-479A	EN-479A	EN-479A	
Sample Description	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/01/2016	11/01/2016	05/11/2016	07/20/2016	08/29/2016	11/01/2016	
Laboratory Sample I.D.	8681567	8681568	8377914	8488632	8562758	8681564	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.6	0.6	0.2 J	0.2 J	0.4 J	0.3 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.2 J	0.2 J	ND@0.5	ND@0.5	0.1 J	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.5	1.6	0.9	1	1.1	1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Endicott, New York**

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Sample Location	EN-479B	EN-479B	EN-479B	EN-479B	EN-479B	EN-480A	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	
Sample Date	05/11/2016	07/20/2016	08/29/2016	08/29/2016	11/01/2016	05/12/2016	
Laboratory Sample I.D.	8377915	8488633	8562759	8562760	8681565	8382720	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.4 J	0.3 J	0.5	0.5	0.3 J	0.2 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.2 J	0.2 J	0.1 J	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.1 J	0.1 J	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.9	1	1.1	1.1	0.8	1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	EN-480A	EN-480B	EN-480B	EN-481A	EN-481A	EN-481B	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/01/2016	05/12/2016	11/01/2016	05/12/2016	11/01/2016	05/12/2016	
Laboratory Sample I.D.	8681562	8382721	8681563	8382716	8681560	8382719	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.1 J	0.3 J	ND@0.5	0.2 J	0.2 J	0.4 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	0.2 J	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.1	1.6	0.1 J	1	1.1	1.2
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-481B	EN-482	EN-482	EN-482	EN-482	EN-482	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/01/2016	02/05/2016	05/17/2016	07/21/2016	08/30/2016	11/02/2016	
Laboratory Sample I.D.	8681561	8234169	8390067	8490463	8562755	8681709	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.5 J	0.7	0.7	1.6	1.5	1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	0.1 J	0.2 J	0.5	0.5	0.3 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	0.1 J	0.1 J	0.2 J	0.2 J	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.6	0.9	1.5	2.2	1.3
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	0.1 J	0.1 J	0.1 J	0.1 J	0.1 J
TOLUENE	ug/L	0.2 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.9	3.8	3.4	4.2	4.2	3.9
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-483	EN-484	EN-484	EN-484	EN-484	EN-484	EN-486
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	11/03/2016	02/09/2016	05/17/2016	08/01/2016	11/04/2016	05/23/2016	
Laboratory Sample I.D.	8681634	8239324	8389928	8508583	8682410	8395247	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.2 J	16	15	17	2.1	2200
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.8	1.5	0.9	0.6	0.2 J	1200
1,1-DICHLOROETHANE	ug/L	1.1	0.6	0.7	0.3 J	ND@0.5	280
1,1-DICHLOROETHENE	ug/L	0.2 J	0.2 J	0.4 J	0.3 J	ND@0.5	160
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	6.1	ND@0.5	ND@0.5	ND@0.5	ND@0.5	66
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@13
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@13
CHLOROETHANE	ug/L	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5	3.5 J
CIS-1,2-DICHLOROETHENE	ug/L	30	22	18	10	1.1	50
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@13
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@13
TETRACHLOROETHENE	ug/L	ND@0.5	7.8	7.6	8.2	2.7	ND@13
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@13
TRANS-1,2-DICHLOROETHENE	ug/L	2.7	0.1 J	0.1 J	0.1 J	ND@0.5	ND@13
TRICHLOROETHENE	ug/L	1.2	6.4	6.6	6.8	5	130
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@13
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@13

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**Groundwater Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	EN-486	EN-487	EN-489	EN-490	EN-490	EN-490
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE
Sample Date	11/04/2016	08/01/2016	11/04/2016	02/05/2016	05/05/2016	05/05/2016
Laboratory Sample I.D.	8682412	8508578	8682411	8234170	8368800	8368801
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	500	0.2 J	0.2 J	0.2 J	0.3 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	190	0.3 J	0.3 J	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	94	0.2 J	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	58	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	16	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	0.9 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	0.7 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	9.3	ND@0.5	ND@0.5	ND@0.5	0.1 J
ETHYLBENZENE	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@2.5	0.1 J	5.7	1	0.9
TOLUENE	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	1.7 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	32	ND@0.5	1.4	ND@0.8	0.6
VINYL CHLORIDE	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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January 1, 2016 - December 31, 2016

Sample Location	EN-490	EN-490	EN-491A	EN-491A	EN-491A	EN-491A	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/09/2016	11/04/2016	02/03/2016	05/05/2016	08/09/2016	11/04/2016	
Laboratory Sample I.D.	8524427	8682414	8231022	8368799	8524434	8682413	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.2 J	0.2 J	0.2 J	0.5	1.1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.3 J
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.3 J	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.2 J	ND@0.5	ND@0.5	0.5 J	3.4	0.2 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	1	1	1.5	1.4	1.6	1
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.6	0.6	1	0.9	1.4	0.8
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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January 1, 2016 - December 31, 2016

Sample Location	EN-491T	EN-491T	EN-491T	EN-491T	EN-491T	EN-491T	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016	06/07/2016	
Laboratory Sample I.D.	8196344	8232818	8266711	8319616	8363277	8414477	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.5 J	0.5	0.5 J	0.6	0.5	0.5 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.2 J	0.2 J	0.2 J	0.2 J	0.2 J	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.5	0.6	0.5	0.6	0.5	0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	3.6	3.2	3.2	3.1	3.4	3.2
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.3	1.3	1.1	1.3	1	1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	EN-491T	EN-491T	EN-491T	EN-491T	EN-491T	EN-491T	
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016	12/06/2016	
Laboratory Sample I.D.	8463629	8508260	8575334	8629393	8680579	8732109	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.5	0.5	0.4 J	0.4 J	0.3 J	0.3 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.2 J	0.2 J	0.1 J	0.1 J	0.1 J	0.1 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.6	0.7	0.5 J	0.5 J	0.5 J	0.4 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	3.1	3.1	2.6	2.7	2.5	2.1
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1	1	0.9	1	0.9	0.8
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-492	EN-492	EN-492	EN-492	EN-493	EN-493	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/05/2016	05/05/2016	08/09/2016	11/08/2016	02/03/2016	05/11/2016	
Laboratory Sample I.D.	8234163	8368797	8524436	8687306	8231019	8377901	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.3 J	0.1 J	0.2 J	1.5	1.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J	0.3 J
1,1-DICHLOROETHANE	ug/L	ND@0.5	0.1 J	0.1 J	ND@0.5	0.4 J	0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J
CIS-1,2-DICHLOROETHENE	ug/L	0.9	1.4	1.8	0.7	0.6	0.7
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.3 J	0.5 J	0.3 J	0.4 J	2.6	3.3
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.2	1.4	2.5	2.1	1.5	1.3
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	0.3 J	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

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Sample Location	EN-493	EN-493	EN-494	EN-494	EN-495	EN-495	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/09/2016	11/08/2016	05/10/2016	11/08/2016	05/10/2016	11/08/2016	
Laboratory Sample I.D.	8524416	8687334	8377900	8687333	8377899	8687332	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	1.2	1.5	1.3	1.4	0.9	1.1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.2 J	0.2 J	0.3 J	0.3 J	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.4 J	0.4 J	0.4 J	0.3 J	0.2 J	0.3 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5 J	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.4 J	0.4 J	0.6	0.7	0.4 J	0.5 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	2.7	2.6	2.8	3	1.9	2
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1	1	1.5	1.5	1.2	1.8
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-496	EN-496	EN-496	EN-496	EN-497	EN-497	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/03/2016	05/10/2016	08/09/2016	11/08/2016	05/10/2016	11/08/2016	
Laboratory Sample I.D.	8231020	8377898	8524417	8687331	8377897	8687330	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.3 J	0.5 J	0.4 J	0.2 J	0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.2 J	0.2 J	ND@0.5	0.4 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.1 J	0.6	0.2 J	0.1 J	0.6
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.7	0.8	1.9	0.9	0.7	1.3
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.7	0.6	1.4	1.4	0.7	4.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

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Sample Location	EN-498	EN-498	EN-498	EN-498	EN-499A	EN-499A
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	02/03/2016	05/10/2016	08/09/2016	11/08/2016	02/02/2016	05/12/2016
Laboratory Sample I.D.	8231021	8377873	8524418	8687328	8231014	8382724
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.1 J	0.3 J	0.2 J	0.2 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.1 J	0.2 J	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.4 J	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.7	0.2 J	1	0.4 J	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	2.9	1.2	2.6	1.4	ND@0.9
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-499A	EN-499A	EN-499A	EN-499B	EN-499B	EN-499B
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	07/20/2016	08/30/2016	11/09/2016	02/02/2016	05/12/2016	07/20/2016
Laboratory Sample I.D.	8488625	8562762	8693713	8231015	8382725	8488626
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.2 J	0.2 J	0.2 J	0.2 J	0.3 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.7	0.7	0.8	ND@0.6	0.7
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-499B	EN-499B	EN-500A	EN-500A	EN-500A	EN-500A
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	08/30/2016	11/09/2016	05/12/2016	07/20/2016	08/30/2016	11/08/2016
Laboratory Sample I.D.	8562763	8693714	8382722	8488627	8562764	8687317
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.4 J	0.3 J	0.3 J	0.3 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	0.1 J	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.6	0.7	1.3	1	1.1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-500B	EN-500B	EN-500B	EN-500B	EN-501	EN-501
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	05/12/2016	07/20/2016	08/30/2016	11/08/2016	05/04/2016	07/20/2016
Laboratory Sample I.D.	8382723	8488628	8562765	8687318	8368793	8488629
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.4 J	0.3 J	0.3 J	ND@0.5	0.2 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.6	0.6	0.6	0.6	0.1 J
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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January 1, 2016 - December 31, 2016

Sample Location	EN-501	EN-501	EN-502	EN-502	EN-502	EN-503	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	
Sample Date	08/30/2016	11/08/2016	05/11/2016	05/11/2016	11/09/2016	02/03/2016	
Laboratory Sample I.D.	8562766	8687316	8377906	8377907	8693737	8231024	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.2 J	ND@0.5	1.1	1.1	0.9	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	0.7	0.3 J	0.3 J	0.3 J	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5 J	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.3 J	0.3 J	0.3 J	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	3.2	3.3	2.8	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.7	ND@0.5	0.9	1	1.1	1.1
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-503	EN-503	EN-503	EN-504	EN-504	EN-504	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/11/2016	08/09/2016	11/09/2016	02/03/2016	05/11/2016	08/09/2016	
Laboratory Sample I.D.	8377908	8518998	8693738	8231025	8377902	8518999	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.1 J	0.1 J	0.1 J	0.1 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.2 J	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.2 J	0.2 J	0.2 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.7	0.7	1.1	1	0.7	0.6
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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January 1, 2016 - December 31, 2016

Sample Location	EN-504	EN-505	EN-505	EN-505	EN-505	EN-506	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/09/2016	02/05/2016	05/09/2016	08/09/2016	11/08/2016	02/05/2016	
Laboratory Sample I.D.	8693739	8234161	8377859	8524433	8687307	8234162	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.1 J	0.1 J	0.2 J	0.1 J	0.1 J	0.2 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.2 J	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	ND@0.5	0.1 J	1.2	0.1 J	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.2 J	1.2	1.2	0.4 J	0.7	0.4 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.3	ND@0.9	0.7	0.9	0.6	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.4 J	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Endicott, New York**

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Sample Location	EN-506	EN-506	EN-506	EN-506	EN-507	EN-507	
Sample Description	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/10/2016	08/09/2016	08/09/2016	11/08/2016	05/17/2016	11/09/2016	
Laboratory Sample I.D.	8377868	8524431	8524432	8687309	8389927	8690555	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.3 J	0.3 J	ND@0.5	300	20000
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@2.5	ND@250
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	330	53000
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	7.2	390
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@2.5	ND@250
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@2.5	ND@250
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@2.5	ND@250
CHLOROETHANE	ug/L	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5	30	2000
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	0.2 J	0.2 J	ND@0.5	25	1400
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@2.5	ND@250
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	1.8 J	ND@250
TETRACHLOROETHENE	ug/L	0.3 J	0.3 J	0.3 J	0.3 J	1.5 J	ND@250
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.7 J	190 J
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@2.5	ND@250
TRICHLOROETHENE	ug/L	0.2 J	0.2 J	0.2 J	0.2 J	16	ND@250
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@2.5	68 J
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@2.5	ND@250

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

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Sample Location	EN-508	EN-508	EN-508	EN-509	EN-509	EN-509	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/08/2016	05/12/2016	08/02/2016	02/08/2016	05/12/2016	08/02/2016	
Laboratory Sample I.D.	8239328	8382748	8508561	8239329	8382751	8508562	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	4300	5600	11000	0.3 J	0.2 J	1.9
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	23 J	18	49	ND@0.5 J	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	520	990	1700	ND@0.5 J	ND@0.5	0.1 J
1,1-DICHLOROETHENE	ug/L	130	200	260	ND@0.5 J	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@25	ND@10	ND@25	ND@0.5 J	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	6.6 J	7.2 J	13 J	ND@0.5 J	ND@0.5	ND@0.5
BENZENE	ug/L	ND@25	ND@10	ND@25	ND@0.5 J	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@25	ND@10	ND@25	ND@0.5 J	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	110	100	230	ND@0.5 J	0.1 J	0.1 J
ETHYLBENZENE	ug/L	ND@25	ND@10	ND@25	ND@0.5 J	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@25	12	39	ND@0.5 J	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	8.1 J	11	33	0.1 J	ND@0.5	0.2 J
TOLUENE	ug/L	ND@25	2.6 J	5.1 J	ND@0.5 J	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@25	ND@10	9.9 J	ND@0.5 J	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	89	67	99	ND@0.5 J	0.1 J	0.7
VINYL CHLORIDE	ug/L	8.9 J	3.9 J	6.1 J	ND@0.5 J	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@25	ND@10	ND@25	ND@0.5 J	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-511	EN-513	EN-513	EN-514	EN-514	EN-515	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/09/2016	05/10/2016	11/07/2016	05/09/2016	11/07/2016	05/10/2016	
Laboratory Sample I.D.	8693740	8377872	8687322	8377861	8687325	8377871	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	0.4 J	ND@0.5	0.3 J	0.2 J	0.4 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5 J
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1	ND@0.5	ND@0.5	0.7	1	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-515	EN-516	EN-516	EN-519	EN-519	EN-519	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	
Sample Date	11/07/2016	05/17/2016	11/07/2016	05/11/2016	11/04/2016	11/04/2016	
Laboratory Sample I.D.	8687323	8390061	8687320	8377904	8682407	8682408	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	0.3 J	0.1 J	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J	0.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	0.4 J	0.4 J	1	1.2	1.2
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	EN-520	EN-521	EN-522	EN-522	EN-522	EN-522	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/14/2016	11/15/2016	02/09/2016	05/17/2016	08/01/2016	11/09/2016	
Laboratory Sample I.D.	8702120	8702122	8239325	8389923	8508582	8690549	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.3 J	52	46	33	51
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	68	88	44	63
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	3.6 J	6.3 J	5.2 J	4.2 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	5.5 J	6.7 J	3 J	4.4 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	5 J	16	11	5.3 J
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@10	ND@10	ND@10	ND@10
BENZENE	ug/L	ND@0.5	ND@0.5	ND@10	ND@10	ND@10	ND@10
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@10 J	ND@10	ND@10	ND@10
CIS-1,2-DICHLOROETHENE	ug/L	0.6	0.3 J	1800	2300	1100	1500
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@10	ND@10	ND@10	ND@10
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@10	ND@10	ND@10	ND@10
TETRACHLOROETHENE	ug/L	14	5.4	79	940	140	68
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@10	ND@10	ND@10	ND@10
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	2.2 J	3.6 J	2 J	ND@10
TRICHLOROETHENE	ug/L	4	0.5	20	74	37	20
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	18	25	22	41
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@10	ND@10	ND@10	ND@10

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**Groundwater Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	EN-524	EN-526	EN-526	EN-526	EN-526	EN-527	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/09/2016	02/08/2016	05/17/2016	08/08/2016	11/09/2016	05/09/2016	
Laboratory Sample I.D.	8693715	8239332	8390077	8518994	8693721	8374662	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	3.2	2.1	6.4	1.8	ND@5.0
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	2.9	7.9	28	5	ND@5.0
1,1-DICHLOROETHANE	ug/L	ND@0.5	2.7	9.2	61	4	ND@5.0
1,1-DICHLOROETHENE	ug/L	ND@0.5	0.7	4.7	30	2.9	ND@5.0
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	0.6	1.9	12	0.9 J	ND@5.0
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	0.1 J	1	ND@1	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@1	1.3 J
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@1	ND@5.0
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	4.3	19	89	13	4.8 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@1	ND@5.0
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@1	ND@5.0
TETRACHLOROETHENE	ug/L	ND@0.5	4.1	6	11	5.2	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@1	ND@5.0
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.3 J	1.2	ND@1	ND@5.0
TRICHLOROETHENE	ug/L	ND@0.5	9.6	33	88	51	ND@5.0
VINYL CHLORIDE	ug/L	ND@0.5	0.1 J	0.4 J	3.4	ND@1	ND@5.0
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@1	ND@5.0

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Endicott, New York**

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Sample Location	EN-528	EN-528	EN-529	EN-529	EN-529	EN-529	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/09/2016	11/02/2016	05/23/2016	07/21/2016	08/29/2016	11/01/2016	
Laboratory Sample I.D.	8374663	8681626	8395249	8488640	8562735	8681696	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	0.5 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	EN-531	EN-531	EN-531	EN-531	EN-532	EN-532
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	05/17/2016	07/21/2016	08/29/2016	11/02/2016	02/08/2016	05/11/2016
Laboratory Sample I.D.	8390063	8488638	8562733	8681706	8239311	8377903
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.2 J	ND@0.5	ND@0.5	0.2 J	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.4 J	0.1 J	0.6	0.4 J	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-532	EN-533	EN-533	EN-533	EN-533	EN-534
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	11/08/2016	02/09/2016	05/17/2016	08/01/2016	11/09/2016	02/02/2016
Laboratory Sample I.D.	8687327	8239323	8389922	8508581	8690548	8231002
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	9.8	2.5 J	17	160
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	18	5.5	31	170
1,1-DICHLOROETHANE	ug/L	0.3 J	2.4 J	0.7 J	2.5 J	11
1,1-DICHLOROETHENE	ug/L	ND@0.5	1.1 J	0.6 J	1.7 J	9.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	3.7	ND@2.5	2.9	7.6
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@2.5	ND@2.5	ND@2.5	ND@2.5
BENZENE	ug/L	ND@0.5	ND@2.5	ND@2.5	ND@2.5	ND@2.5
CHLOROETHANE	ug/L	ND@0.5	ND@2.5	ND@2.5	ND@2.5	0.7 J
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	350	200	420	2600
ETHYLBENZENE	ug/L	ND@0.5	ND@2.5	ND@2.5	0.8 J	28
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@2.5	ND@2.5	ND@2.5	ND@2.5
TETRACHLOROETHENE	ug/L	ND@0.5	53	23	24	93
TOLUENE	ug/L	ND@0.5	ND@2.5	ND@2.5	ND@2.5	2.6
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	1.9 J	ND@2.5	0.6 J	1.4 J
TRICHLOROETHENE	ug/L	0.3 J	4	1.6 J	3.9	27
VINYL CHLORIDE	ug/L	ND@0.5	38	9	35	200
XYLENES, TOTAL	ug/L	ND@0.5	ND@2.5	ND@2.5	ND@2.5	70

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Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-534	EN-534	EN-534	EN-534	EN-534	EN-534	
Sample Description	REPLICATE	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	
Sample Date	02/02/2016	05/19/2016	07/21/2016	07/21/2016	08/30/2016	11/01/2016	
Laboratory Sample I.D.	8231003	8393127	8490456	8490457	8562749	8681579	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	1.1	1.2	1.9	1.9	1.5	1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	0.2 J	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.5 J	0.4 J	0.4 J	0.3 J	0.5 J	0.3 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.5 J	0.5	0.6	0.6	0.4 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	1.9	1.9	2	2	1.7	1.8
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1	1	1.1	1.2	1	1.2
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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January 1, 2016 - December 31, 2016

Sample Location	EN-606	EN-616	EN-623	EN-623	EN-624	EN-624
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	08/03/2016	08/03/2016	05/11/2016	08/03/2016	05/11/2016	08/03/2016
Laboratory Sample I.D.	8512540	8512546	8377758	8508555	8382686	8512542
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	13	6.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	1.6	0.1 J	1.2	6.1	1.1
1,1-DICHLOROETHENE	ug/L	0.2 J	ND@0.5	ND@0.5	0.4 J	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	10	11	2	3.7	4.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	0.2 J	0.2 J	0.1 J
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.8	1.4	1.6
CIS-1,2-DICHLOROETHENE	ug/L	3.9	0.4 J	0.4 J	1	1.1
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J
TRANS-1,2-DICHLOROETHENE	ug/L	0.2 J	ND@0.5	ND@0.5	0.2 J	0.6
TRICHLOROETHENE	ug/L	1.5	2.4	ND@0.5	ND@0.5	0.1 J
VINYL CHLORIDE	ug/L	0.3 J	ND@0.5	0.3 J	0.8	2.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-632	EN-638	EN-641	EN-642	EN-651	EN-651	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/03/2016	08/04/2016	08/02/2016	08/04/2016	05/11/2016	08/02/2016	
Laboratory Sample I.D.	8512541	8512550	8508544	8512551	8382680	8508547	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	11	ND@0.5	ND@0.5	ND@0.5	0.2 J	0.2 J
1,1-DICHLOROETHANE	ug/L	1.1	ND@0.5	ND@0.5	1.3	0.3 J	0.1 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.2 J	0.2 J	0.2 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	6.7	1.1	0.7	ND@0.5	0.9	0.4 J
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	0.1 J	0.8	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	1.1	ND@0.5	44	9.3	6.1	3.4
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	0.3 J	ND@0.5	5.1	0.1 J	0.1 J	ND@0.5
TRICHLOROETHENE	ug/L	0.4 J	ND@0.5	4.8	21	15	13
VINYL CHLORIDE	ug/L	0.2 J	ND@0.5	ND@0.5	0.3 J	0.1 J	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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January 1, 2016 - December 31, 2016

Sample Location	EN-652	EN-653	EN-653	EN-655	EN-679	EN-679
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	08/02/2016	05/11/2016	08/02/2016	08/02/2016	05/11/2016	08/02/2016
Laboratory Sample I.D.	8508554	8382681	8508548	8508546	8382675	8508539
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.7	ND@0.5	ND@0.5	0.3 J	0.2 J
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.3 J	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	2.8	ND@0.5	ND@0.5	0.6	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	0.2 J	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	0.4 J	0.5 J	1.5	0.6
VINYL CHLORIDE	ug/L	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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Sample Location	EN-684A	EN-684A	EN-687	EN-687	EN-692	EN-694	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/11/2016	08/02/2016	05/11/2016	08/02/2016	08/03/2016	08/02/2016	
Laboratory Sample I.D.	8382673	8508541	8377760	8508540	8512539	8508545	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.3 J	0.4 J	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	5.1	5.6	0.3 J	0.4 J	ND@0.5	1.1
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.5 J	0.7	3.4	1.4
1,1-DICHLOROETHENE	ug/L	0.2 J	0.2 J	0.2 J	0.2 J	0.2 J	0.2 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	2.2	2.2	0.2 J	0.4 J	8.3	1.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	24	25	0.7	0.8	1.6	0.5 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	0.2 J	0.2 J	ND@0.5	ND@0.5	0.3 J	0.1 J
TRICHLOROETHENE	ug/L	1	0.6	2.8	4.3	1.6	2.2
VINYL CHLORIDE	ug/L	0.3 J	0.1 J	0.2 J	0.1 J	0.1 J	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-696	EN-698	EN-700	EN-700	EN-700	EN-700	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/04/2016	08/04/2016	02/12/2016	05/11/2016	08/02/2016	11/03/2016	
Laboratory Sample I.D.	8512552	8512553	8242881	8382678	8508551	8681687	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	1	ND@25	ND@25	ND@25	ND@5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	30	270	6400	9500	8000	7400
1,1-DICHLOROETHANE	ug/L	23	5.9	ND@25	ND@25	ND@25	ND@5
1,1-DICHLOROETHENE	ug/L	1.8	2	ND@25	27	ND@25	20
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	11	38	980	1600	1100	1600
1,2-DICHLOROETHANE (EDC)	ug/L	0.2 J	ND@0.5	ND@25	ND@25	ND@25	ND@5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@25	ND@25	ND@25	ND@5
CHLOROETHANE	ug/L	0.3 J	ND@0.5	ND@25	ND@25 J	ND@25	ND@5
CIS-1,2-DICHLOROETHENE	ug/L	1.1	6.6	ND@25	ND@25	ND@25	1.1 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@25	ND@25	ND@25	ND@5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@25	ND@25	ND@25	ND@5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@25	ND@25	ND@25	ND@5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@25	ND@25	ND@25	ND@5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@25	ND@25	ND@25	ND@5
TRICHLOROETHENE	ug/L	ND@0.5	22	ND@25	ND@25	ND@25	1.5 J
VINYL CHLORIDE	ug/L	0.1 J	ND@0.5	ND@25	ND@25	ND@25	ND@5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@25	ND@25	ND@25	ND@5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-701	EN-701	EN-701	EN-701	EN-702	EN-704
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	02/12/2016	05/11/2016	08/02/2016	11/03/2016	08/02/2016	02/12/2016
Laboratory Sample I.D.	8242882	8382679	8508552	8681688	8508530	8242883
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	250
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.7
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	8.4
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	1.2
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.8	1.1	1.2	0.7	4.3
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-704	EN-704	EN-704	EN-705	EN-705	EN-705
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	05/11/2016	08/02/2016	11/03/2016	02/12/2016	05/11/2016	08/02/2016
Laboratory Sample I.D.	8382676	8508549	8681689	8242884	8382677	8508550
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	0.2 J	0.2 J	0.2 J	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	1.1	1.1	1.4	0.6	4.6
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	3.5	3.4	4	0.3 J	0.7
VINYL CHLORIDE	ug/L	0.2 J	ND@0.5	0.1 J	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-705	EN-709	EN-709	EN-709	EN-709	EN-709	EN-709
Sample Description	GW MON WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL
Sample Date	11/03/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016	
Laboratory Sample I.D.	8681690	8196357	8232831	8266724	8319629	8363291	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	0.2 J	0.2 J	0.2 J	ND@1.0	0.2 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	380	380	410	340	400
1,1-DICHLOROETHANE	ug/L	ND@0.5	2	2	2.3	2.1	2.3
1,1-DICHLOROETHENE	ug/L	ND@0.5	1.5	1.5	1.5	1.3	1.6
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	53	57	64	52	63
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
BENZENE	ug/L	ND@0.5	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CHLOROETHANE	ug/L	ND@0.5	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CIS-1,2-DICHLOROETHENE	ug/L	0.2 J	7.4	7.4	7.5	6.4	6.7
ETHYLBENZENE	ug/L	ND@0.5	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
TETRACHLOROETHENE	ug/L	0.6	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
TOLUENE	ug/L	ND@0.5	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
TRICHLOROETHENE	ug/L	0.5	19	20	18	17	18
VINYL CHLORIDE	ug/L	ND@0.5	0.3 J	0.3 J	0.3 J	0.2 J	0.3 J
XYLENES, TOTAL	ug/L	ND@0.5	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-709	EN-709	EN-709	EN-709	EN-709	EN-709	EN-709
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL
Sample Date	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016	
Laboratory Sample I.D.	8414490	8463643	8508274	8575348	8629407	8680591	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@1.0	ND@1.0	ND@1	ND@1	0.2 J	ND@2.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	370	320	360	240	380	310
1,1-DICHLOROETHANE	ug/L	2.1	2.2	2.3	2	2.5	2.4 J
1,1-DICHLOROETHENE	ug/L	1.4	1.2	1.3	0.9 J	1.7	1.4 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	55	47	49	46	57	55
1,2-DICHLOROETHANE (EDC)	ug/L	ND@1.0	ND@1.0	ND@1	ND@1	ND@1.0	ND@2.5
BENZENE	ug/L	ND@1.0	ND@1.0	ND@1	ND@1	ND@1.0	ND@2.5
CHLOROETHANE	ug/L	ND@1.0	ND@1.0	ND@1	ND@1	ND@1.0	ND@2.5
CIS-1,2-DICHLOROETHENE	ug/L	6.3	6.4	6.7	6.1	7	6.7
ETHYLBENZENE	ug/L	ND@1.0	ND@1.0	ND@1	ND@1	ND@1.0	ND@2.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@1.0	ND@1.0	ND@1	ND@1	ND@1.0	ND@2.5
TETRACHLOROETHENE	ug/L	ND@1.0	ND@1.0	ND@1	ND@1	ND@1.0	ND@2.5
TOLUENE	ug/L	ND@1.0	ND@1.0	ND@1	ND@1	ND@1.0	ND@2.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@1.0	ND@1.0	ND@1	ND@1	ND@1.0	ND@2.5
TRICHLOROETHENE	ug/L	17	18	17	16	20	19
VINYL CHLORIDE	ug/L	0.2 J	0.2 J	ND@1	ND@1	0.2 J	ND@2.5
XYLENES, TOTAL	ug/L	ND@1.0	ND@1.0	ND@1	ND@1	ND@1.0	ND@2.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-709	EN-710	EN-710	EN-711	EN-712	EN-712
Sample Description	GW EXTR WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	12/06/2016	05/11/2016	08/03/2016	08/04/2016	05/11/2016	08/04/2016
Laboratory Sample I.D.	8732121	8382690	8512535	8512547	8382682	8512548
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.6 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	420	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	2.3 J	0.4 J	0.3 J	ND@0.5	1.3
1,1-DICHLOROETHENE	ug/L	1.6 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	53	8.2	9.3	ND@0.5	1.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@2.5	0.1 J	0.1 J	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	5.4	0.3 J	0.2 J	0.5	7.3
ETHYLBENZENE	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@2.5	ND@0.5	ND@0.5	0.5	0.3 J
TRICHLOROETHENE	ug/L	19	ND@0.5	ND@0.5	ND@0.5	0.3 J
VINYL CHLORIDE	ug/L	ND@2.5	ND@0.5	ND@0.5	0.3 J	3.1
XYLENES, TOTAL	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-714	EN-715	EN-716	EN-717	EN-718	EN-719
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	08/02/2016	08/02/2016	08/02/2016	08/02/2016	08/02/2016	08/02/2016
Laboratory Sample I.D.	8508533	8508534	8508529	8508535	8508536	8508537
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	55	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.5 J	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	4.4	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.3 J	1.6	6	0.1 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.1 J	0.3 J	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	7.5	4.7	53	1.2
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.3 J	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	EN-720	EN-721	EN-721	EN-722	EN-722	EN-723
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	08/02/2016	05/11/2016	08/03/2016	05/11/2016	08/03/2016	05/11/2016
Laboratory Sample I.D.	8508538	8382684	8512544	8382685	8512545	8382687
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	110	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@2.5	ND@0.5	ND@0.5	0.3 J	0.5 J
1,1-DICHLOROETHENE	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	8.4	ND@0.5	0.2 J	0.4 J	1.2
1,2-DICHLOROETHANE (EDC)	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@2.5	0.2 J	0.3 J	0.1 J	0.3 J
CHLOROETHANE	ug/L	ND@2.5	ND@0.5 J	ND@0.5	0.2 J	0.3 J
CIS-1,2-DICHLOROETHENE	ug/L	8.4	2.3	4.3	0.4 J	0.4 J
ETHYLBENZENE	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@2.5	ND@0.5	ND@0.5	0.2 J	0.1 J
TRANS-1,2-DICHLOROETHENE	ug/L	ND@2.5	0.3 J	0.5 J	0.3 J	0.4 J
TRICHLOROETHENE	ug/L	16	0.6	0.9	0.2 J	0.2 J
VINYL CHLORIDE	ug/L	ND@2.5	12	13	0.3 J	0.4 J
XYLENES, TOTAL	ug/L	ND@2.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-723	EN-724	EN-724	EN-725	EN-725	EN-726
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	08/03/2016	05/11/2016	08/03/2016	05/11/2016	08/03/2016	08/02/2016
Laboratory Sample I.D.	8512543	8382688	8512536	8382689	8512537	8508531
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@10	ND@10
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	4000	4200
1,1-DICHLOROETHANE	ug/L	4.9	0.6	1.4	ND@10	ND@10
1,1-DICHLOROETHENE	ug/L	1.2	ND@0.5	ND@0.5	ND@10	11
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	8.8	6	11	180	200
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@10	ND@10
BENZENE	ug/L	0.4 J	0.1 J	0.2 J	ND@10	ND@10
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@10	ND@10
CIS-1,2-DICHLOROETHENE	ug/L	22	0.4 J	0.7	ND@10	4.2 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@10	ND@10
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@10	ND@10
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@10	ND@10
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@10	ND@10
TRANS-1,2-DICHLOROETHENE	ug/L	1.3	ND@0.5	ND@0.5	ND@10	ND@10
TRICHLOROETHENE	ug/L	6.1	ND@0.5	ND@0.5	ND@10	ND@10
VINYL CHLORIDE	ug/L	15	0.1 J	0.1 J	ND@10	ND@10
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@10	ND@10

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Sample Location	EN-727	EN-D01	EN-D02	EN-D03	EN-D04	EN-D04S
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	08/02/2016	08/04/2016	08/04/2016	08/04/2016	08/04/2016	08/04/2016
Laboratory Sample I.D.	8508543	8512503	8512531	8512504	8512516	8512517
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	0.2 J	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	0.3 J	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-D10	EN-D10	EN-D11	EN-D11	EN-D13	EN-D13
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	05/11/2016	08/05/2016	05/12/2016	08/04/2016	05/11/2016	08/04/2016
Laboratory Sample I.D.	8382692	8512521	8382703	8512526	8382691	8512509
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	5.3
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	3.3
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	5.8
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	14
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	1.9
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	6.4
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	EN-D14	EN-D33	EN-D33	EN-D34	EN-D35	EN-D35
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	08/04/2016	05/12/2016	08/04/2016	08/04/2016	05/12/2016	08/04/2016
Laboratory Sample I.D.	8512510	8382694	8512514	8512515	8382695	8512518
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	16	22	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	14	ND@5.0	ND@5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	6.1	46	62	0.5 J	ND@0.5
1,1-DICHLOROETHENE	ug/L	0.8	31	43	0.3 J	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	6.3	ND@5.0	ND@5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	1.7 J	2.1 J	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@5.0	ND@5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	0.4 J	12	14	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	46	1300	1600	18	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@5.0	ND@5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@5.0	ND@5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@5.0	ND@5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@5.0	ND@5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	1.8 J	2.1 J	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	5.5	14	86	0.2 J	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	63	62	5.2	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@5.0	ND@5	ND@0.5	ND@0.5

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January 1, 2016 - December 31, 2016

Sample Location	EN-D36	EN-D36	EN-D37	EN-D37	EN-D38	EN-D38
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	05/12/2016	08/05/2016	05/12/2016	08/04/2016	05/12/2016	08/05/2016
Laboratory Sample I.D.	8382696	8512520	8382697	8512507	8382704	8512524
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	1.1	1.1	5.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	3.6	4.3	ND@2.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	11	14	22
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	3.4	4.6	2.4 J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	7.8	9.5	ND@2.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	0.2 J	0.2 J	ND@2.5
BENZENE	ug/L	0.2 J	0.3 J	ND@0.5	0.1 J	ND@2.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	6.4
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	110	150	270
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@2.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@2.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@2.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@2.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.5 J	0.5 J	ND@2.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	4.1	4.4	3.3
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	8.5	8.1	63
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@2.5

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**Groundwater Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	EN-D39	EN-D39	EN-D40	EN-D40	EN-D41	EN-D41
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	05/12/2016	08/04/2016	05/12/2016	08/04/2016	05/12/2016	08/04/2016
Laboratory Sample I.D.	8382705	8512505	8382706	8512530	8382698	8512506
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.4 J	0.7	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	7.6	9.6	2.7	3	ND@0.5
1,1-DICHLOROETHENE	ug/L	1.5	1.5	0.3 J	0.3 J	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	160	160	9.7	12	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	0.3 J	0.3 J	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	2.3	2.1	1.1	1.1	ND@0.5
VINYL CHLORIDE	ug/L	8.8	8.6	0.1 J	0.2 J	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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January 1, 2016 - December 31, 2016

Sample Location	EN-D42	EN-D42	EN-D43	EN-D43	EN-D44	EN-D44
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date	05/12/2016	08/05/2016	05/12/2016	08/04/2016	05/12/2016	08/04/2016
Laboratory Sample I.D.	8382699	8512522	8382700	8512512	8382707	8512528
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	33	36
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.4 J	0.4 J	ND@0.5	ND@5.0	ND@5
1,1-DICHLOROETHANE	ug/L	5.9	7	ND@0.5	ND@0.5	120
1,1-DICHLOROETHENE	ug/L	1	1.1	ND@0.5	ND@0.5	18
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	3.1	3.3	ND@0.5	ND@5.0	ND@5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	1.7 J
BENZENE	ug/L	0.1 J	0.1 J	ND@0.5	ND@0.5	ND@5.0
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	33
CIS-1,2-DICHLOROETHENE	ug/L	31	35	0.6	0.9	990
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@5.0
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@5.0
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@5.0
TRANS-1,2-DICHLOROETHENE	ug/L	0.2 J	0.2 J	ND@0.5	ND@0.5	1.2 J
TRICHLOROETHENE	ug/L	3.5	3.5	ND@0.5	0.1 J	150
VINYL CHLORIDE	ug/L	18	16	ND@0.5	ND@0.5	92
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@5.0

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January 1, 2016 - December 31, 2016

Sample Location	EN-D45	EN-D45	EN-D46	EN-D46	EN-D47	EN-D47	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	05/12/2016	08/04/2016	05/12/2016	08/04/2016	05/12/2016	08/04/2016	
Laboratory Sample I.D.	8382747	8512529	8382701	8512513	8382702	8512508	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	1.2	7	100	120	77	86
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@5.0	ND@5	3.3 J	12
1,1-DICHLOROETHANE	ug/L	12	35	90	120	89	100
1,1-DICHLOROETHENE	ug/L	0.6	2.7	63	76	54	64
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@5.0	ND@5	ND@5.0	4.9 J
1,2-DICHLOROETHANE (EDC)	ug/L	0.1 J	0.2 J	2.3 J	2.9 J	3.1 J	3.6 J
BENZENE	ug/L	0.3 J	0.1 J	ND@5.0	ND@5	ND@5.0	ND@5
CHLOROETHANE	ug/L	3	8.9	8.1	7.6	15	13
CIS-1,2-DICHLOROETHENE	ug/L	61	290	2000	2300	1700	2100
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@5.0	ND@5	ND@5.0	ND@5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@5.0	ND@5	ND@5.0	ND@5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@5.0	ND@5	ND@5.0	ND@5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@5.0	ND@5	ND@5.0	ND@5
TRANS-1,2-DICHLOROETHENE	ug/L	0.2 J	0.4 J	2.4 J	5.5	2.2 J	3.1 J
TRICHLOROETHENE	ug/L	0.6	10	390	340	440	380
VINYL CHLORIDE	ug/L	14	36	100	91	41	38
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@5.0	ND@5	ND@5.0	ND@5

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January 1, 2016 - December 31, 2016

Sample Location	EN-D48	EN-D48	EN-D49	EN-D49	EN-D49	EN-D49	
Sample Description	GW MON WELL	GW MON WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	
Sample Date	05/11/2016	08/04/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	
Laboratory Sample I.D.	8382693	8512511	8196343	8232817	8266710	8319615	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.7 J	0.8 J	0.6 J	1.4
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@1.0	ND@1.0	ND@1.0	ND@1.0
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	5.3	5.4	4.9	5.7
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	2.2	2.7	2.4	2.6
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@1.0	0.4 J	0.4 J	0.5 J
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@1.0	ND@1.0	ND@1.0	ND@1.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	3.1	3.4	2.7	2.9
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	140	130	140	150
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@1.0	ND@1.0	ND@1.0	ND@1.0
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@1.0	ND@1.0	ND@1.0	ND@1.0
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@1.0	ND@1.0	ND@1.0	ND@1.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@1.0	ND@1.0	ND@1.0	ND@1.0
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.3 J	0.2 J	0.2 J	0.3 J
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	1.2	1.4	1.2	1.4
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	45	45	47	49
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@1.0	ND@1.0	ND@1.0	ND@1.0

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-D49	EN-D49	EN-D49	EN-D49	EN-D49	EN-D49
Sample Description	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL	GW EXTR WELL
Sample Date	05/03/2016	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016
Laboratory Sample I.D.	8363276	8414476	8463628	8508259	8575333	8629392
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.8 J	0.6 J	0.7 J	0.7 J	0.5 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@1.0	ND@1.0	ND@1.0	0.5 J	ND@1.0
1,1-DICHLOROETHANE	ug/L	5.3	5.1	5.3	6.1	5.3
1,1-DICHLOROETHENE	ug/L	2.8	2.4	2.8	3	2.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.5 J	ND@1.0	0.4 J	0.5 J	ND@1.0
1,2-DICHLOROETHANE (EDC)	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1	0.2 J
BENZENE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1	ND@1.0
CHLOROETHANE	ug/L	3.2	2.5	3	2.4	2.3
CIS-1,2-DICHLOROETHENE	ug/L	160	150	140	180	140
ETHYLBENZENE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1	ND@1.0
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1	ND@1.0
TETRACHLOROETHENE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1	ND@1.0
TOLUENE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1	ND@1.0
TRANS-1,2-DICHLOROETHENE	ug/L	0.4 J	0.3 J	0.3 J	0.3 J	0.4 J
TRICHLOROETHENE	ug/L	1.3	1.5	1.3	1.5	1.2
VINYL CHLORIDE	ug/L	64	49	53	46	48
XYLENES, TOTAL	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1	ND@1.0

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**Groundwater Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-D49	EN-D49
Sample Description	GW EXTR WELL	GW EXTR WELL
Sample Date	11/02/2016	12/06/2016
Laboratory Sample I.D.	8680578	8732108
Parameter	Units	
1,1,1-TRICHLOROETHANE	ug/L	0.5 J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@1
1,1-DICHLOROETHANE	ug/L	4.8
1,1-DICHLOROETHENE	ug/L	2.7
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.4 J
1,2-DICHLOROETHANE (EDC)	ug/L	ND@1
BENZENE	ug/L	ND@1
CHLOROETHANE	ug/L	1.8
CIS-1,2-DICHLOROETHENE	ug/L	160
ETHYLBENZENE	ug/L	ND@1
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@1
TETRACHLOROETHENE	ug/L	ND@1
TOLUENE	ug/L	ND@1
TRANS-1,2-DICHLOROETHENE	ug/L	0.3 J
TRICHLOROETHENE	ug/L	1
VINYL CHLORIDE	ug/L	42
XYLENES, TOTAL	ug/L	ND@1

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Groundwater Analytical Chemistry Data  
Endicott, New York  
January 1, 2016 - December 31, 2016

**Reporting Conventions**

NA Not Analyzed  
ND@X Not Detected at Detection Limit X

**Code Explanation**

J Estimated value: the result is  $\geq$  the Method Detection Limit (MDL) and  $<$  the Limit of Quantitation (LOQ).



**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location Sample Description Sample Date Laboratory Sample I.D.	EN-095	EN-095	EN-095	EN-095	EN-096	EN-096	
	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
	02/10/2016	05/25/2016	08/11/2016	11/17/2016	02/10/2016	05/25/2016	
	8238946	8400000	8525976	8707425	8238948	8400002	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.4 J	0.5 J	0.5	0.5	34	49
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	21	27
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	94	72
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	7.5	10
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	9.4	10
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J	0.1 J
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5	ND@5	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	1	1.1
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1	ND@1	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	0.6	0.6	0.7	0.8	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	0.3 J	0.5	0.5 J	0.8	0.2 J	0.2 J
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	34	39
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.9	0.9
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location Sample Description Sample Date Laboratory Sample I.D.	EN-095	EN-095	EN-095	EN-095	EN-096	EN-096	
	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
	02/10/2016	05/25/2016	08/11/2016	11/17/2016	02/10/2016	05/25/2016	
	8238946	8400000	8525976	8707425	8238948	8400002	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0 J	ND@1.0	ND@1	ND@1	ND@1.0 J	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0 J	ND@5.0	ND@5	ND@5	ND@5.0 J	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0 J	ND@5.0	ND@5	ND@5	ND@5.0 J	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0 J	ND@5.0	ND@5	ND@5	ND@5.0 J	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	2.2	2.5	2.6	2.8	0.4 J	0.3 J
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5	ND@5	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J	0.3 J
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	3.2	3.4	3.7	4.6	3.5	3.3
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	23	22
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test**

**Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-096	EN-096	EN-104	EN-104	EN-104	EN-104	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/11/2016	11/17/2016	02/10/2016	05/25/2016	08/11/2016	11/17/2016	
Laboratory Sample I.D.	8525978	8707427	8238945	8399999	8525975	8707424	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	39	42	1.8	1.9	2.7	2.1
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	19	27	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	73	85	0.9	1.1	1.5	1.3
1,1-DICHLOROETHENE	ug/L	8.3	11	0.2 J	0.3 J	0.3 J	0.2 J
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	10	11	0.2 J	0.3 J	0.4 J	0.3 J
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	0.1 J	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5	ND@5	ND@5.0	ND@5.0	ND@5	ND@5
BENZENE	ug/L	1.1	1.4	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1	ND@1	ND@1.0	ND@1.0	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	0.1 J	0.1 J	0.1 J	0.1 J	0.2 J	0.1 J
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	35	46	0.5	0.5	0.7	0.5
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	1	1.3	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test**

**Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-096	EN-096	EN-104	EN-104	EN-104	EN-104	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/11/2016	11/17/2016	02/10/2016	05/25/2016	08/11/2016	11/17/2016	
Laboratory Sample I.D.	8525978	8707427	8238945	8399999	8525975	8707424	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1	ND@1	ND@1.0 J	ND@1.0	ND@1	ND@1
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5	ND@5	ND@5.0 J	ND@5.0	ND@5	ND@5
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5	ND@5	ND@5.0 J	ND@5.0	ND@5	ND@5
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	1.1	1.5	2	1.7
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5	ND@5	ND@5.0 J	ND@5.0	ND@5	ND@5
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.2 J	0.2 J	0.1 J	0.2 J	0.3 J	0.2 J
Tetrahydrofuran	ug/L	ND@5	ND@5	ND@5.0	ND@5.0	ND@5	ND@5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	0.2 J	0.2 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	2.5	2.6	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	18	24	0.2 J	0.2 J	ND@0.5	0.1 J
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-150	EN-150	EN-150	EN-150	EN-152	EN-152	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/10/2016	05/25/2016	08/11/2016	11/17/2016	02/10/2016	05/25/2016	
Laboratory Sample I.D.	8238950	8400003	8525979	8707428	8238949	8400004	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	2.8	2.3	2.4	2.3	0.9	0.8
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	4.3	3.3	3.2	2.6	0.6	0.6
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	15	20	27	30	5.5	5.4
1,1-DICHLOROETHENE	ug/L	1.7	2.1	2.1	3.9	0.2 J	0.2 J
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	2.5	2.8	2.9	3.7	3.1	3.2
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	0.1 J	ND@0.5	0.1 J	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5	ND@5	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1	ND@1	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	15	17	15	20	4	3.7
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-150	EN-150	EN-150	EN-150	EN-152	EN-152	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/10/2016	05/25/2016	08/11/2016	11/17/2016	02/10/2016	05/25/2016	
Laboratory Sample I.D.	8238950	8400003	8525979	8707428	8238949	8400004	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0 J	ND@1.0	ND@1	ND@1	ND@1.0 J	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0 J	ND@5.0	ND@5	ND@5	ND@5.0 J	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0 J	ND@5.0	ND@5	ND@5	ND@5.0 J	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	0.1 J	ND@0.5	0.1 J	0.2 J	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0 J	ND@5.0	ND@5	ND@5	ND@5.0 J	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	0.1 J	ND@0.5	ND@0.5	3.4	2.9
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5	ND@5	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	2.4	2.9	2	2.5	1.3	1.2
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	0.8	0.6	0.9	1.3	0.2 J	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test**

**Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-152	EN-152	EN-154R	EN-154R	EN-154R	EN-154R	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/11/2016	11/17/2016	02/10/2016	05/25/2016	08/11/2016	11/17/2016	
Laboratory Sample I.D.	8525980	8707429	8238947	8400001	8525977	8707426	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.8	0.8	0.8	2	2.3	1.9
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.5	0.7	0.5	1.5	1.5	1.1
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	5.7	5.2	2.8	8.9	11	10
1,1-DICHLOROETHENE	ug/L	0.2 J	0.3 J	0.2 J	0.4 J	0.4 J	0.4 J
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	2.9	2.7	1.2	4.2	4.6	3.9
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5	ND@5	ND@5.0	ND@5.0	ND@5	ND@5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1	ND@1	ND@1.0	ND@1.0	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	0.1 J	ND@0.5	ND@0.5	0.2 J	0.1 J	0.1 J
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	4	6.5	2.8	7.2	7.4	7.8
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test**

**Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EN-152	EN-152	EN-154R	EN-154R	EN-154R	EN-154R	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	08/11/2016	11/17/2016	02/10/2016	05/25/2016	08/11/2016	11/17/2016	
Laboratory Sample I.D.	8525980	8707429	8238947	8400001	8525977	8707426	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1	ND@1	ND@1.0 J	ND@1.0	ND@1	ND@1
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5	ND@5	ND@5.0 J	ND@5.0	ND@5	ND@5
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5	ND@5	ND@5.0 J	ND@5.0	ND@5	ND@5
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5	ND@5	ND@5.0 J	ND@5.0	ND@5	ND@5
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	2.6	3.6	1.6	4.3	4.2	4.9
TETRAHYDROFURAN	ug/L	ND@5	ND@5	ND@5.0	ND@5.0	ND@5	ND@5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.1 J	ND@0.5	0.1 J	0.2 J	0.1 J
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.1	1.6	1	2.4	2.5	2.5
TRICHLOROFUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	0.1 J	0.4 J	0.4 J	0.4 J
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	RMJ-MW-1	RMJ-MW-1	RMJ-MW-1	RMJ-MW-1	RMJ-MW-2	RMJ-MW-2	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/10/2016	05/25/2016	08/11/2016	11/17/2016	02/10/2016	05/25/2016	
Laboratory Sample I.D.	8239027	8400005	8525981	8707430	8239028	8400006	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	1.5	1.1	1.2	1.2	6.1	5.7
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	1.4	1.6
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.3 J	0.3 J	0.3 J	0.6	0.4 J	0.3 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.4 J	0.6
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	0.2 J	0.2 J	0.4 J	0.2 J	0.2 J
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5	ND@5	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1	ND@1	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	0.1 J	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.8	1
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.8	0.8
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	RMJ-MW-1	RMJ-MW-1	RMJ-MW-1	RMJ-MW-1	RMJ-MW-2	RMJ-MW-2	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/10/2016	05/25/2016	08/11/2016	11/17/2016	02/10/2016	05/25/2016	
Laboratory Sample I.D.	8239027	8400005	8525981	8707430	8239028	8400006	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0 J	ND@1.0	ND@1	ND@1	ND@1.0 J	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0 J	ND@5.0	ND@5	ND@5	ND@5.0 J	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0 J	ND@5.0	ND@5	ND@5	ND@5.0 J	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0 J	ND@5.0	ND@5	ND@5	ND@5.0 J	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.6	0.6
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5	ND@5	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.2 J	0.2 J	0.2 J	0.4 J	0.1 J	0.1 J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	RMJ-MW-2	RMJ-MW-2	RMJ-MW-3	RMJ-MW-3	RMJ-MW-3	RMJ-MW-3	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	
Sample Date	08/11/2016	11/17/2016	02/10/2016	02/10/2016	05/25/2016	08/11/2016	
Laboratory Sample I.D.	8525982	8707431	8239032	8239033	8400011	8525987	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	4.1	7	0.6	0.6	0.7	0.7
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	1.1	2.2	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.3 J	0.8	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	0.2 J	0.4 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	0.4 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5	ND@5	ND@5.0	ND@5.0	ND@5.0	ND@5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1	ND@1	ND@1.0	ND@1.0	ND@1.0	ND@1
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	0.7	1.3	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.6	1.2	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	RMJ-MW-2	RMJ-MW-2	RMJ-MW-3	RMJ-MW-3	RMJ-MW-3	RMJ-MW-3	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	
Sample Date	08/11/2016	11/17/2016	02/10/2016	02/10/2016	05/25/2016	08/11/2016	
Laboratory Sample I.D.	8525982	8707431	8239032	8239033	8400011	8525987	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1	ND@1	ND@1.0 J	ND@1.0 J	ND@1.0	ND@1
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5	ND@5	ND@5.0 J	ND@5.0 J	ND@5.0	ND@5
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5	ND@5	ND@5.0 J	ND@5.0 J	ND@5.0	ND@5
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5	ND@5	ND@5.0 J	ND@5.0 J	ND@5.0	ND@5
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.3 J	0.8	24	24	21	24
Tetrahydrofuran	ug/L	ND@5	ND@5	ND@5.0	ND@5.0	ND@5.0	ND@5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.1 J	0.2 J	0.3 J	0.3 J	0.3 J	0.2 J
TRICHLOROFUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test**

**Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	RMJ-MW-3	RMJ-MW-4	RMJ-MW-4	RMJ-MW-4	RMJ-MW-4	RMJ-MW-5	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/17/2016	02/10/2016	05/25/2016	08/11/2016	11/17/2016	02/10/2016	
Laboratory Sample I.D.	8707432	8239029	8400007	8525983	8707433	8239031	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.7	0.3 J	0.2 J	0.2 J	0.2 J	9
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	2.1
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	1.7
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.2 J
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.4 J
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5	ND@5.0	ND@5.0	ND@5	ND@5	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1	ND@1.0	ND@1.0	ND@1	ND@1	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	0.3 J	0.3 J	0.3 J	0.3 J	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.3 J
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.5 J
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test**

**Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	RMJ-MW-3	RMJ-MW-4	RMJ-MW-4	RMJ-MW-4	RMJ-MW-4	RMJ-MW-5	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	11/17/2016	02/10/2016	05/25/2016	08/11/2016	11/17/2016	02/10/2016	
Laboratory Sample I.D.	8707432	8239029	8400007	8525983	8707433	8239031	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1	ND@1.0 J	ND@1.0	ND@1	ND@1	ND@1.0 J
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5	ND@5.0 J	ND@5.0	ND@5	ND@5	ND@5.0 J
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5	ND@5.0 J	ND@5.0	ND@5	ND@5	ND@5.0 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5	ND@5.0 J	ND@5.0	ND@5	ND@5	ND@5.0 J
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	21	35	27	27	32	5.2
TETRAHYDROFURAN	ug/L	ND@5	ND@5.0	ND@5.0	ND@5	ND@5	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.2 J	1.1	0.9	0.7	0.9	2.3
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	RMJ-MW-5	RMJ-MW-5	RMJ-MW-5	RMJ-MW-5	RMJ-MW-5	RMJ-MW-5	
Sample Description	GW MON WELL	REPLICATE	GW MON WELL	REPLICATE	GW MON WELL	REPLICATE	
Sample Date	05/25/2016	05/25/2016	08/11/2016	08/11/2016	11/17/2016	11/17/2016	
Laboratory Sample I.D.	8400009	8400010	8525985	8525986	8707434	8707435	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	10	10	9.6	9.6	11	11
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	2.7	2.9	2.5	2.5	3.5	3.2
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	2.2	2.2	2.4	2.4	3.2	3.1
1,1-DICHLOROETHENE	ug/L	0.6	0.6	0.3 J	0.3 J	0.4 J	0.3 J
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.6	0.6	0.6	0.6	0.8	0.8
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5	ND@5	ND@5	ND@5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	0.4 J	0.4 J	0.4 J	0.4 J	0.5 J	0.4 J
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.8	0.8	0.8	0.8	1.3	1.2
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	RMJ-MW-5	RMJ-MW-5	RMJ-MW-5	RMJ-MW-5	RMJ-MW-5	RMJ-MW-5	
Sample Description	GW MON WELL	REPLICATE	GW MON WELL	REPLICATE	GW MON WELL	REPLICATE	
Sample Date	05/25/2016	05/25/2016	08/11/2016	08/11/2016	11/17/2016	11/17/2016	
Laboratory Sample I.D.	8400009	8400010	8525985	8525986	8707434	8707435	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0	ND@1.0	ND@1	ND@1	ND@1	ND@1
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5	ND@5	ND@5	ND@5
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@5.0	ND@5	ND@5	ND@5	ND@5
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5	ND@5	ND@5	ND@5
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	4.4	4.6	3.6	3.7	4.7	4
Tetrahydrofuran	ug/L	ND@5.0	ND@5.0	ND@5	ND@5	ND@5	ND@5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	2.2	2.1	1.8	1.8	2.9	2.8
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	RMJ-MW-6	RMJ-MW-6	RMJ-MW-6	RMJ-MW-6	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/10/2016	05/25/2016	08/11/2016	11/17/2016	
Laboratory Sample I.D.	8239030	8400008	8525984	8707436	
Parameter	Units				
1,1,1-TRICHLOROETHANE	ug/L	4.2	4.8	5.7	9.9
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	1.1	1.2	1.4	2.7
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.5 J	0.6	0.9	1.7
1,1-DICHLOROETHENE	ug/L	0.2 J	0.4 J	0.2 J	0.4 J
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.2 J	0.3 J	0.3 J	0.6
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5	ND@5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1	ND@1
CARBON TETRACHLORIDE	ug/L	0.1 J	0.1 J	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	0.1 J	0.2 J	0.2 J	0.5 J
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.3 J	0.4 J	0.6	0.9
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Analytical Chemistry Data: EN-154R Shutdown Test  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	RMJ-MW-6	RMJ-MW-6	RMJ-MW-6	RMJ-MW-6	
Sample Description	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	
Sample Date	02/10/2016	05/25/2016	08/11/2016	11/17/2016	
Laboratory Sample I.D.	8239030	8400008	8525984	8707436	
Parameter	Units				
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0 J	ND@1.0	ND@1	ND@1
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0 J	ND@5.0	ND@5	ND@5
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0 J	ND@5.0	ND@5	ND@5
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0 J	ND@5.0	ND@5	ND@5
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	19	18	14	22
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5	ND@5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.7	1.6	1.5	2.5
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Groundwater Analytical Chemistry Data: EN-154R Shutdown Test  
Endicott, New York  
January 1, 2016 - December 31, 2016

**Reporting Conventions**

NA Not Analyzed  
ND@X Not Detected at Detection Limit X

**Code Explanation**

J Estimated value: the result is  $\geq$  the Method Detection Limit (MDL) and  $<$  the Limit of Quantitation (LOQ).

**Groundwater Analytical Chemistry Data: OU#4 Dissolved Gases**

**Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location		EN-080	EN-080	EN-130	EN-130	EN-173	EN-173
Sample Description		GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date		05/09/2016	11/02/2016	05/09/2016	11/02/2016	05/09/2016	11/02/2016
Laboratory Sample I.D.		8377726	8681593	8374657	8681597	8377725	8681592
Parameter	Units						
ETHANE	ug/L	ND@5.0	ND@5	ND@5.0	ND@5	ND@5.0	1 J
ETHENE	ug/L	ND@5.0	ND@5	ND@5.0	ND@5	ND@5.0	ND@5
FREE CARBON DIOXIDE	ug/L	65000	67000	130000	150000	57000	96000
METHANE	ug/L	71	ND@5	1400	1500	190	320

Sample Location		EN-381	EN-381	EN-382	EN-382	EN-387A	EN-387A
Sample Description		GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	REPLICATE
Sample Date		05/09/2016	11/02/2016	05/09/2016	11/02/2016	05/09/2016	05/09/2016
Laboratory Sample I.D.		8374658	8681601	8374660	8681595	8374655	8374656
Parameter	Units						
ETHANE	ug/L	2.3 J	ND@5	1.2 J	ND@5	2 J	2 J
ETHENE	ug/L	1.4 J	ND@5	ND@5.0	ND@5	1.6 J	1.7 J
FREE CARBON DIOXIDE	ug/L	81000	120000	30000	75000	93000	92000
METHANE	ug/L	460	81	60	66	670	730

Sample Location		EN-387A	EN-387A	EN-392R	EN-392R	EN-393	EN-393
Sample Description		GW MON WELL	REPLICATE	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date		11/02/2016	11/02/2016	05/09/2016	11/02/2016	05/09/2016	11/02/2016
Laboratory Sample I.D.		8681599	8681600	8374661	8681602	8377724	8681594
Parameter	Units						
ETHANE	ug/L	2.3 J	2.4 J	ND@5.0	ND@500	ND@5.0	ND@5
ETHENE	ug/L	1.8 J	1.9 J	ND@5.0	ND@500	ND@5.0	ND@5
FREE CARBON DIOXIDE	ug/L	110000	100000	130000	ND@600000	47000	61000
METHANE	ug/L	980	930	46	2800	87	130

Sample Location		EN-394	EN-394	EN-395	EN-395	EN-396	EN-396
Sample Description		GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date		05/09/2016	11/02/2016	05/09/2016	11/02/2016	05/09/2016	11/02/2016
Laboratory Sample I.D.		8374664	8681596	8374666	8681623	8374665	8681598
Parameter	Units						
ETHANE	ug/L	ND@5.0	ND@5	ND@5.0	ND@5	ND@5.0	ND@5
ETHENE	ug/L	ND@5.0	ND@5	ND@5.0	ND@5	ND@5.0	ND@5
FREE CARBON DIOXIDE	ug/L	65000	59000	240000	230000	220000	200000
METHANE	ug/L	810	410	410	78	540	660

Sample Location		EN-399	EN-399	EN-527	EN-528	EN-528
Sample Description		GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL	GW MON WELL
Sample Date		05/09/2016	11/02/2016	05/09/2016	05/09/2016	11/02/2016
Laboratory Sample I.D.		8374667	8681624	8374662	8374663	8681626
Parameter	Units					
ETHANE	ug/L	1.8 J	ND@5	ND@5.0	ND@5.0	ND@5
ETHENE	ug/L	ND@5.0	ND@5	ND@5.0	ND@5.0	ND@5
FREE CARBON DIOXIDE	ug/L	140000	NA	79000	93000	130000
METHANE	ug/L	550	350	250	5 J	20

**Reporting Conventions:** NA = Not Analyzed  
 ND@X = Not Detected at Detection Limit X  
 J = Estimated value: the result is >= the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	
Sample Description	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	
Sample Date	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016	06/07/2016	
Laboratory Sample I.D.	8196325	8232755	8266693	8319598	8363231	8414635	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.2 J	0.3 J	NA
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
1,1-DICHLOROETHANE	ug/L	0.2 J	ND@0.5	ND@0.5	ND@0.5	0.4 J	NA
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	NA
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	NA
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	
Sample Description	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	
Sample Date	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016	06/07/2016	
Laboratory Sample I.D.	8196325	8232755	8266693	8319598	8363231	8414635	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
METHYL ACETATE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	NA
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	NA
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	NA
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	NA
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	NA
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	NA
PHOSPHORUS, TOTAL	mg/L	ND@0.10	ND@0.10	0.43	0.79	0.34	1

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	
Sample Description	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	
Sample Date	06/13/2016	06/21/2016	06/28/2016	07/13/2016	07/21/2016	08/02/2016	
Laboratory Sample I.D.	8424363	8437991	8450959	8474352	8487315	8508242	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.4 J	0.2 J	0.1 J	0.3 J
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	0.1 J	2.6	ND@0.5	ND@0.5	0.1 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.5 J	0.1 J	ND@0.5	0.3 J
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	
Sample Description	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	
Sample Date	06/13/2016	06/21/2016	06/28/2016	07/13/2016	07/21/2016	08/02/2016	
Laboratory Sample I.D.	8424363	8437991	8450959	8474352	8487315	8508242	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	0.3 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	0.3 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
PHOSPHORUS, TOTAL	mg/L	NA	NA	NA	0.05 J	NA	ND@0.10

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	1M INFLUENT	1M INFLUENT	
Sample Description	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	
Sample Date	09/07/2016	10/04/2016	11/02/2016	12/06/2016	01/05/2016	02/04/2016	
Laboratory Sample I.D.	8575325	8629357	8680561	8732091	8196323	8232753	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.1 J	ND@0.5	ND@0.5	ND@0.5	7.1	8
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.1 J	ND@0.5	0.3 J	ND@0.5	7.4	8.4
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	1.1	1.2
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	ND@0.5	ND@0.5	ND@0.5	12	13
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Treatment Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	1M EFFLUENT	1M INFLUENT	1M INFLUENT	
Sample Description	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	
Sample Date	09/07/2016	10/04/2016	11/02/2016	12/06/2016	01/05/2016	02/04/2016	
Laboratory Sample I.D.	8575325	8629357	8680561	8732091	8196323	8232753	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.9	0.8
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	12	12
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
PHOSPHORUS, TOTAL	mg/L	0.16	0.1	0.19	0.09 J	NA	NA

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	1M INFLUENT	1M INFLUENT	1M INFLUENT	1M INFLUENT	1M INFLUENT	1M INFLUENT	
Sample Description	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	
Sample Date	03/01/2016	04/05/2016	05/03/2016	06/13/2016	06/21/2016	06/28/2016	
Laboratory Sample I.D.	8266691	8319596	8363229	8424362	8437990	8450958	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	6.4	4.2	5.3	4	3.6	3.9
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	7.6	5.6	7.1	6.3	5.5	6
1,1-DICHLOROETHENE	ug/L	1	0.7	0.9	0.9	0.8	0.7
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	12	8.7	9.2	6.9	5.9	6.2
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

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Sample Location	1M INFLUENT	1M INFLUENT	1M INFLUENT	1M INFLUENT	1M INFLUENT	1M INFLUENT	
Sample Description	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	
Sample Date	03/01/2016	04/05/2016	05/03/2016	06/13/2016	06/21/2016	06/28/2016	
Laboratory Sample I.D.	8266691	8319596	8363229	8424362	8437990	8450958	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.4 J	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	2.3	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	0.7	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.8	0.7	0.8	0.7	0.7	0.7
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	9	9.2	8.3	7.4	6.2	6.4
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	3	ND@0.5	ND@0.5
PHOSPHORUS, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	1M INFLUENT	1M INFLUENT	1M INFLUENT	1M INFLUENT	1M INFLUENT	1M INFLUENT	
Sample Description	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	
Sample Date	07/13/2016	07/21/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016	
Laboratory Sample I.D.	8474351	8487313	8508240	8575323	8629355	8680559	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	3.9	3.9	5.1	4.3	3.8	2.9
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	6.4	5.4	8.4	7.2	6.2	5.2
1,1-DICHLOROETHENE	ug/L	0.7	0.8	1	0.7	0.6	0.5
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	7.2	7.2	11	9.1	8.3	6.8
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

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Sample Location	1M INFLUENT	1M INFLUENT	1M INFLUENT	1M INFLUENT	1M INFLUENT	1M INFLUENT	
Sample Description	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	GARFIELD GTF	
Sample Date	07/13/2016	07/21/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016	
Laboratory Sample I.D.	8474351	8487313	8508240	8575323	8629355	8680559	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.6	0.7	0.8	0.7	0.8	0.6
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	0.1 J	0.2 J	0.2 J	0.1 J
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	6.8	7.4	10	12	11	8.1
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
PHOSPHORUS, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	1M INFLUENT	2M EFFLUENT	2M EFFLUENT	2M EFFLUENT	2M EFFLUENT	2M EFFLUENT
Sample Description	GARFIELD GTF	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF
Sample Date	12/06/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016
Laboratory Sample I.D.	8732089	8196331	8232761	8266699	8319605	8363237
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	2.9	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	4.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	0.5 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	5.8	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	1M INFLUENT	2M EFFLUENT	2M EFFLUENT	2M EFFLUENT	2M EFFLUENT	2M EFFLUENT
Sample Description	GARFIELD GTF	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF
Sample Date	12/06/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016
Laboratory Sample I.D.	8732089	8196331	8232761	8266699	8319605	8363237
Parameter	Units					
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	6.8	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
PHOSPHORUS, TOTAL	mg/L	NA	NA	NA	NA	NA

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	2M EFFLUENT	2M EFFLUENT	2M EFFLUENT	2M EFFLUENT	2M EFFLUENT	2M EFFLUENT
	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF
Sample Date	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016
Laboratory Sample I.D.	8414624	8463615	8508248	8575331	8629363	8680567
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	0.1 J	0.2 J	0.3 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	0.1 J	0.2 J
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	2M EFFLUENT	2M EFFLUENT	2M EFFLUENT	2M EFFLUENT	2M EFFLUENT	2M EFFLUENT
	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF
Sample Date	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016
Laboratory Sample I.D.	8414624	8463615	8508248	8575331	8629363	8680567
Parameter	Units					
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRAHYDROFURAN	ug/L	2.5 J	2.1 J	2.8 J	3.7 J	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
PHOSPHORUS, TOTAL	mg/L	NA	NA	NA	NA	NA

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	2M EFFLUENT	2M INFLUENT	2M INFLUENT	2M INFLUENT	2M INFLUENT	2M INFLUENT
	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF
Sample Date	12/06/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016
Laboratory Sample I.D.	8732098	8196329	8232759	8266697	8319603	8363235
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.1 J	0.3 J	0.3 J	0.3 J	0.3 J
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.3 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	0.2 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.2 J	0.2 J	0.2 J	0.2 J
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	2M EFFLUENT	2M INFLUENT	2M INFLUENT	2M INFLUENT	2M INFLUENT	2M INFLUENT
	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF
Sample Date	12/06/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016
Laboratory Sample I.D.	8732098	8196329	8232759	8266697	8319603	8363235
Parameter	Units					
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	0.9	0.8	0.9	0.9
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	1.3	1.2	1.1	1.2
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
PHOSPHORUS, TOTAL	mg/L	NA	NA	NA	NA	NA

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	2M INFLUENT	2M INFLUENT	2M INFLUENT	2M INFLUENT	2M INFLUENT	2M INFLUENT	
	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF	
Sample Date	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016	
Laboratory Sample I.D.	8414622	8463613	8508246	8575329	8629361	8680565	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.2 J	0.2 J	0.3 J	0.3 J	0.3 J	0.2 J
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J	0.1 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	0.1 J	0.1 J	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	0.1 J	0.1 J	0.2 J	0.2 J	0.1 J
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

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Sample Location	2M INFLUENT	2M INFLUENT	2M INFLUENT	2M INFLUENT	2M INFLUENT	2M INFLUENT	
	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF	JEFF GTF	
Sample Date	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016	
Laboratory Sample I.D.	8414622	8463613	8508246	8575329	8629361	8680565	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.8	1	1.1	0.9	1	0.9
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.9	0.9	1	0.9	1	1
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
PHOSPHORUS, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	2M INFLUENT	3M EFFLUENT	3M EFFLUENT	3M EFFLUENT	3M EFFLUENT	3M EFFLUENT
Sample Description	JEFF GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF
Sample Date	12/06/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016
Laboratory Sample I.D.	8732096	8196337	8232766	8266704	8319610	8363243
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.1 J	0.2 J	0.2 J	0.3 J
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	ND@0.5	ND@0.5	ND@0.5	0.1 J
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

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Sample Location	2M INFLUENT	3M EFFLUENT	3M EFFLUENT	3M EFFLUENT	3M EFFLUENT	3M EFFLUENT
Sample Description	JEFF GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF
Sample Date	12/06/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016
Laboratory Sample I.D.	8732096	8196337	8232766	8266704	8319610	8363243
Parameter	Units					
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	0.9	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.1	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
PHOSPHORUS, TOTAL	mg/L	NA	0.36	1.5	0.3	0.23

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**Groundwater Treatment Analytical Chemistry Data  
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Sample Location	3M EFFLUENT	3M EFFLUENT	3M EFFLUENT	3M EFFLUENT	3M EFFLUENT	3M EFFLUENT
Sample Description	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF
Sample Date	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016
Laboratory Sample I.D.	8414629	8463620	8508253	8575318	8629368	8680572
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.3 J	0.3 J	ND@0.5	ND@0.5	ND@0.5
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	3M EFFLUENT	3M EFFLUENT	3M EFFLUENT	3M EFFLUENT	3M EFFLUENT	3M EFFLUENT
Sample Description	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF
Sample Date	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016
Laboratory Sample I.D.	8414629	8463620	8508253	8575318	8629368	8680572
Parameter	Units					
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
PHOSPHORUS, TOTAL	mg/L	0.29	0.31	0.86	0.35	0.23

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	3M EFFLUENT	3M INFL A1	3M INFL A1	3M INFL A1	3M INFL A1	3M INFL A1	
Sample Description	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	
Sample Date	12/06/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016	
Laboratory Sample I.D.	8732103	8196333	8232762	8266700	8319606	8363239	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	0.6	0.7	0.5	0.8	0.7
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	0.2 J	0.2 J	ND@0.5	0.3 J	0.2 J
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	5	5.4	4.7	6.5	5.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	1.7	2	1.5	2.6	2
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	0.3 J	0.4 J	0.3 J	0.5 J	0.4 J
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	0.1 J	0.2 J	0.2 J	0.2 J	0.2 J
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	2.4	3	2.2	2.7	2.8
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	110	130	110	160	130
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	3M EFFLUENT	3M INFL A1	3M INFL A1	3M INFL A1	3M INFL A1	3M INFL A1	
Sample Description	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	
Sample Date	12/06/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016	
Laboratory Sample I.D.	8732103	8196333	8232762	8266700	8319606	8363239	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	2 J	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	0.3 J	0.3 J	1.3	0.3 J	0.7
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	1	1.3	1	1.5	1.2
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	14	17	12	13	9.1
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
PHOSPHORUS, TOTAL	mg/L	0.33	NA	NA	NA	NA	NA

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

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Sample Location	3M INFL A1	3M INFL A1	3M INFL A1	3M INFL A1	3M INFL A1	3M INFL A1	
Sample Description	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	
Sample Date	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016	
Laboratory Sample I.D.	8414625	8463616	8508249	8575314	8629364	8680568	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.6	0.7	0.7	0.6	0.6	0.5
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.2 J	0.2 J	0.3 J	0.2 J	0.2 J	0.2 J
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	5.3	5.5	6.3	5.4	5.3	5.3
1,1-DICHLOROETHENE	ug/L	2.1	2.1	2.4	2	2.1	2.3
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.4 J	0.4 J	0.4 J	0.4 J	0.4 J	0.4 J
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	0.2 J	0.2 J	0.2 J	0.2 J	0.2 J	0.2 J
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	2.3	2.4	2.2	2	2	1.8
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	120	120	140	120	130	130
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Endicott, New York**

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Sample Location	3M INFL A1	3M INFL A1	3M INFL A1	3M INFL A1	3M INFL A1	3M INFL A1	
Sample Description	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	
Sample Date	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016	
Laboratory Sample I.D.	8414625	8463616	8508249	8575314	8629364	8680568	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	0.4 J	0.7	0.4 J	0.4 J	0.4 J	0.4 J
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1.4	1.1	1.4	1.1	1	1.1
TRICHLOROFUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	16	10	18	3.3	6.9	9.2
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
PHOSPHORUS, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

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**Groundwater Treatment Analytical Chemistry Data  
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January 1, 2016 - December 31, 2016

Sample Location	3M INFL A1	3M INFL A2	3M INFL A2	3M INFL A2	3M INFL A2	3M INFL A2	
Sample Description	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	
Sample Date	12/06/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016	
Laboratory Sample I.D.	8732099	8196334	8232763	8266701	8319607	8363240	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.7	0.5 J	0.5	0.4 J	0.6	0.5
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.3 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	5.6	0.2 J	0.2 J	0.2 J	0.2 J	0.2 J
1,1-DICHLOROETHENE	ug/L	2.1	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	0.4 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	0.2 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	2.2	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	130	0.2 J	0.2 J	0.2 J	0.2 J	0.2 J
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	3M INFL A1	3M INFL A2	3M INFL A2	3M INFL A2	3M INFL A2	3M INFL A2	
Sample Description	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	
Sample Date	12/06/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016	
Laboratory Sample I.D.	8732099	8196334	8232763	8266701	8319607	8363240	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	2.4	2.1	2	2.1	2.3
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	0.3 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1	1.1	1.1	1	1.2	1
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	12	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
PHOSPHORUS, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

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Sample Location	3M INFL A2	3M INFL A2	3M INFL A2	3M INFL A2	3M INFL A2	3M INFL A2	
Sample Description	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	
Sample Date	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016	
Laboratory Sample I.D.	8414626	8463617	8508250	8575315	8629365	8680569	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.4 J	0.4 J	0.5	0.5 J	0.5 J	0.4 J
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.1 J	0.1 J	0.2 J	0.1 J	0.1 J	0.1 J
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.2 J	0.2 J	0.3 J	0.2 J	0.2 J	0.2 J
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Endicott, New York**

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Sample Location	3M INFL A2	3M INFL A2	3M INFL A2	3M INFL A2	3M INFL A2	3M INFL A2	
Sample Description	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	ADAMS GTF	
Sample Date	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016	
Laboratory Sample I.D.	8414626	8463617	8508250	8575315	8629365	8680569	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	2.2	2.2	2.1	1.9	1.9	1.9
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	1	1	0.9	0.9	0.9	0.9
TRICHLOROFUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
PHOSPHORUS, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

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**Groundwater Treatment Analytical Chemistry Data  
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Sample Location	3M INFL A2	6M EFFLUENT	6M EFFLUENT	6M EFFLUENT	6M EFFLUENT	6M EFFLUENT	
Sample Description	ADAMS GTF	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	
Sample Date	12/06/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016	
Laboratory Sample I.D.	8732100	8196340	8232769	8266707	8319613	8363246	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	5.5	ND@5.0	ND@5.0	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	1.1	ND@0.5	0.1 J	ND@0.5	1.1
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5	0.2 J
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	0.5	ND@0.5	ND@0.5	ND@0.5	0.6
CHLOROETHANE	ug/L	ND@0.5	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	1.6	0.2 J	ND@0.5	ND@0.5	0.8
CHLOROMETHANE	ug/L	ND@0.5	0.6	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.2 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	3M INFL A2	6M EFFLUENT	6M EFFLUENT	6M EFFLUENT	6M EFFLUENT	6M EFFLUENT	
Sample Description	ADAMS GTF	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	
Sample Date	12/06/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016	
Laboratory Sample I.D.	8732100	8196340	8232769	8266707	8319613	8363246	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	ND@1.0	0.5 J	0.6 J	ND@1.0	0.6 J	0.5 J
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	13	10	9.3	5.7	6.1
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	1.9	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.9	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
PHOSPHORUS, TOTAL	mg/L	NA	1.5	1.9	1.7	0.82	2

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**Groundwater Treatment Analytical Chemistry Data**  
**Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	6M EFFLUENT	6M EFFLUENT	6M EFFLUENT	6M EFFLUENT	6M EFFLUENT	6M EFFLUENT
Sample Description	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF
Sample Date	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016
Laboratory Sample I.D.	8414633	8463623	8508256	8575321	8629372	8680575
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	0.1 J	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ACETONE	ug/L	ND@5.0	5.1	ND@5.0	ND@5.0	ND@5.0
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	0.1 J
BROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CARBON DISULFIDE	ug/L	ND@1.0	ND@1.0	ND@1.0	ND@1.0	ND@1.0
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	0.2 J	0.1 J	ND@0.5
CHLOROMETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Groundwater Treatment Analytical Chemistry Data**  
**Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	6M EFFLUENT	6M EFFLUENT	6M EFFLUENT	6M EFFLUENT	6M EFFLUENT	6M EFFLUENT
Sample Description	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF
Sample Date	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016
Laboratory Sample I.D.	8414633	8463623	8508256	8575321	8629372	8680575
Parameter	Units					
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
M,P-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ACETATE	ug/L	0.7 J	0.4 J	0.6 J	ND@1.0	0.3 J
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	7	7.9	9.4	7.2	3.2 J
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
O-XYLENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
STYRENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRAHYDROFURAN	ug/L	ND@5.0	ND@5.0	ND@5.0	ND@5.0	ND@5.0
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
PHOSPHORUS, TOTAL	mg/L	1.1	0.82	0.43	0.81	1.2
						0.87

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**Groundwater Treatment Analytical Chemistry Data**  
**Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	6M EFFLUENT	6M INFLUENT	6M INFLUENT	6M INFLUENT	6M INFLUENT	6M INFLUENT	
Sample Description	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	
Sample Date	12/06/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016	
Laboratory Sample I.D.	8732106	8196339	8232768	8266706	8319612	8363245	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	3.3	15000	10000	13000	9900	11000
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	230	150	220	160	180
1,1,2-TRICHLOROETHANE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
1,1-DICHLOROETHANE	ug/L	3.3	2600	1500	2200	1500	1700
1,1-DICHLOROETHENE	ug/L	ND@0.5	86 J	180	270	190	290
1,2,4-TRICHLOROBENZENE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
1,2,4-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
1,2-DIBROMOETHANE (EDB)	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
1,2-DICHLOROBENZENE	ug/L	0.2 J	ND@100	ND@100	ND@100	ND@100	ND@100
1,2-DICHLOROETHANE (EDC)	ug/L	0.1 J	ND@100	ND@100	ND@100	ND@100	ND@100
1,2-DICHLOROPROPANE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
1,3,5-TRIMETHYLBENZENE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
1,3-DICHLOROBENZENE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
1,4-DICHLOROBENZENE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
ACETONE	ug/L	ND@5.0	ND@1000	ND@1000	ND@1,000	ND@1000	ND@1000
BENZENE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
BROMODICHLOROMETHANE	ug/L	0.7	ND@100	ND@100	ND@100	ND@100	ND@100
BROMOFORM (TRIBROMOMETHANE)	ug/L	0.1 J	ND@100	ND@100	ND@100	ND@100	ND@100
BROMOMETHANE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
CARBON DISULFIDE	ug/L	ND@1.0	ND@200	ND@200	ND@200	ND@200	ND@200
CARBON TETRACHLORIDE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
CHLOROBENZENE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
CHLORODIBROMOMETHANE	ug/L	0.4 J	ND@100	ND@100	ND@100	ND@100	ND@100
CHLOROETHANE	ug/L	0.4 J	630	360	450	280	420
CHLOROFORM (TRICHLOROMETHANE)	ug/L	1.1	ND@100	ND@100	ND@100	ND@100	ND@100
CHLOROMETHANE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
CIS-1,2-DICHLOROETHENE	ug/L	3.2	1100	1200	1600	1600	1500
CIS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
CYCLOHEXANE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100

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**Groundwater Treatment Analytical Chemistry Data**  
**Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	6M EFFLUENT	6M INFLUENT	6M INFLUENT	6M INFLUENT	6M INFLUENT	6M INFLUENT	
Sample Description	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	
Sample Date	12/06/2016	01/05/2016	02/04/2016	03/01/2016	04/05/2016	05/03/2016	
Laboratory Sample I.D.	8732106	8196339	8232768	8266706	8319612	8363245	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
ISOPROPYLBENZENE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
M,P-XYLENE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
METHYL ACETATE	ug/L	ND@1.0	ND@200	ND@200	ND@200	ND@200	ND@200
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@5.0	ND@1000	ND@1000	ND@1,000	ND@1000	ND@1000
METHYL CYCLOHEXANE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@5.0	ND@1000	ND@1000	ND@1,000	ND@1000	ND@1000
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@5.0	ND@1000	ND@1000	ND@1,000	ND@1000	ND@1000
O-XYLENE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
STYRENE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
TETRACHLOROETHENE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
TETRAHYDROFURAN	ug/L	ND@5.0	ND@1000	ND@1000	ND@1,000	ND@1000	ND@1000
TOLUENE	ug/L	ND@0.5	ND@100	26 J	37 J	ND@100	21 J
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	52 J	ND@100	ND@100	ND@100	ND@100
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
TRICHLOROETHENE	ug/L	0.2 J	760	490	720	480	440
TRICHLOROFUOROMETHANE (FREON 11)	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
VINYL CHLORIDE	ug/L	ND@0.5	ND@100	160	160	160	200
XYLENES, TOTAL	ug/L	ND@0.5	ND@100	ND@100	ND@100	ND@100	ND@100
PHOSPHORUS, TOTAL	mg/L	1.4	NA	NA	NA	NA	NA

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	6M INFLUENT	6M INFLUENT	6M INFLUENT	6M INFLUENT	6M INFLUENT	6M INFLUENT	
Sample Description	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	
Sample Date	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016	
Laboratory Sample I.D.	8414632	8463622	8508255	8575320	8629371	8680574	
Parameter	Units						
1,1,1-TRICHLOROETHANE	ug/L	7600	7400	8600	4900	3500	2600
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	180	170	210	170	120	100
1,1,2-TRICHLOROETHANE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
1,1-DICHLOROETHANE	ug/L	1600	1500	2400	1000	1300	420
1,1-DICHLOROETHENE	ug/L	290	270	220	72	44	57
1,2,4-TRICHLOROBENZENE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
1,2,4-TRIMETHYLBENZENE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
1,2-DIBROMOETHANE (EDB)	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@100	ND@100	ND@100	21 J	19 J	15 J
1,2-DICHLOROBENZENE	ug/L	ND@100	ND@100	ND@100	14 J	16 J	16 J
1,2-DICHLOROETHANE (EDC)	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
1,2-DICHLOROPROPANE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
1,3,5-TRIMETHYLBENZENE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
1,3-DICHLOROBENZENE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
1,4-DICHLOROBENZENE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
ACETONE	ug/L	ND@1000	ND@1000	ND@1000	ND@250	ND@250	ND@250
BENZENE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
BROMODICHLOROMETHANE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
BROMOMETHANE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
CARBON DISULFIDE	ug/L	ND@200	ND@200	ND@200	ND@50	ND@50	ND@50
CARBON TETRACHLORIDE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
CHLOROBENZENE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
CHLORODIBROMOMETHANE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
CHLOROETHANE	ug/L	380	390	470	280	320	130
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@100	ND@100	ND@100	ND@25	9.8 J	ND@25
CHLOROMETHANE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
CIS-1,2-DICHLOROETHENE	ug/L	1600	1600	1600	1400	1100	960
CIS-1,3-DICHLOROPROPENE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
CYCLOHEXANE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	6M INFLUENT	6M INFLUENT	6M INFLUENT	6M INFLUENT	6M INFLUENT	6M INFLUENT	
Sample Description	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	CLARK GTF	
Sample Date	06/07/2016	07/06/2016	08/02/2016	09/07/2016	10/04/2016	11/02/2016	
Laboratory Sample I.D.	8414632	8463622	8508255	8575320	8629371	8680574	
Parameter	Units						
ETHYLBENZENE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
ISOPROPYLBENZENE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
M,P-XYLENE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
METHYL ACETATE	ug/L	ND@200	ND@200	ND@200	ND@50	ND@50	ND@50
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@1000	ND@1000	ND@1000	ND@250	ND@250	ND@250
METHYL CYCLOHEXANE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@1000	ND@1000	ND@1000	ND@250	ND@250	ND@250
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@1000	ND@1000	ND@1000	ND@250	ND@250	ND@250
O-XYLENE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
STYRENE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
TETRACHLOROETHENE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
TETRAHYDROFURAN	ug/L	ND@1000	ND@1000	ND@1000	ND@250	ND@250	ND@250
TOLUENE	ug/L	ND@100	ND@100	31 J	7.4 J	9.2 J	ND@25
TRANS-1,2-DICHLOROETHENE	ug/L	ND@100	ND@100	ND@100	ND@25	34	13 J
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
TRICHLOROETHENE	ug/L	210	240	460	310	180	230
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
VINYL CHLORIDE	ug/L	250	310	220	220	170	150
XYLENES, TOTAL	ug/L	ND@100	ND@100	ND@100	ND@25	ND@25	ND@25
PHOSPHORUS, TOTAL	mg/L	NA	NA	NA	NA	NA	NA

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

**Sample Location** 6M INFLUENT  
**Sample Description** CLARK GTF  
**Sample Date** 12/06/2016  
**Laboratory Sample I.D.** 8732105

Parameter	Units	
1,1,1-TRICHLOROETHANE	ug/L	4,200
1,1,2,2-TETRACHLOROETHANE	ug/L	ND@25
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	110
1,1,2-TRICHLOROETHANE	ug/L	ND@25
1,1-DICHLOROETHANE	ug/L	1,400
1,1-DICHLOROETHENE	ug/L	54
1,2,4-TRICHLOROBENZENE	ug/L	ND@25
1,2,4-TRIMETHYLBENZENE	ug/L	ND@25
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	ND@25
1,2-DIBROMOETHANE (EDB)	ug/L	ND@25
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	17 J
1,2-DICHLOROBENZENE	ug/L	16 J
1,2-DICHLOROETHANE (EDC)	ug/L	5.4 J
1,2-DICHLOROPROPANE	ug/L	ND@25
1,3,5-TRIMETHYLBENZENE	ug/L	ND@25
1,3-DICHLOROBENZENE	ug/L	ND@25
1,4-DICHLOROBENZENE	ug/L	ND@25
ACETONE	ug/L	ND@250
BENZENE	ug/L	ND@25
BROMODICHLOROMETHANE	ug/L	ND@25
BROMOFORM (TRIBROMOMETHANE)	ug/L	ND@25
BROMOMETHANE	ug/L	ND@25
CARBON DISULFIDE	ug/L	ND@50
CARBON TETRACHLORIDE	ug/L	ND@25
CHLOROBENZENE	ug/L	ND@25
CHLORODIBROMOMETHANE	ug/L	ND@25
CHLOROETHANE	ug/L	270
CHLOROFORM (TRICHLOROMETHANE)	ug/L	ND@25
CHLOROMETHANE	ug/L	ND@25
CIS-1,2-DICHLOROETHENE	ug/L	760
CIS-1,3-DICHLOROPROPENE	ug/L	ND@25
CYCLOHEXANE	ug/L	ND@25
DICHLORODIFLUOROMETHANE (FREON 12)	ug/L	ND@25

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**Groundwater Treatment Analytical Chemistry Data  
Endicott, New York**

January 1, 2016 - December 31, 2016

**Sample Location** 6M INFLUENT  
**Sample Description** CLARK GTF  
**Sample Date** 12/06/2016  
**Laboratory Sample I.D.** 8732105

Parameter	Units	
ETHYLBENZENE	ug/L	ND@25
ISOPROPYLBENZENE	ug/L	ND@25
M,P-XYLENE	ug/L	ND@25
METHYL ACETATE	ug/L	ND@50
METHYL BUTYL KETONE (2-HEXANONE)	ug/L	ND@250
METHYL CYCLOHEXANE	ug/L	ND@25
METHYL ETHYL KETONE (MEK, 2-BUTANONE)	ug/L	ND@250
METHYL TERT-BUTYL ETHER (MTBE)	ug/L	ND@25
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@25
MIBK (4-METHYL-2-PENTANONE)	ug/L	ND@250
O-XYLENE	ug/L	ND@25
STYRENE	ug/L	ND@25
TETRACHLOROETHENE	ug/L	5.1 J
TETRAHYDROFURAN	ug/L	ND@250
TOLUENE	ug/L	10 J
TRANS-1,2-DICHLOROETHENE	ug/L	9.8 J
TRANS-1,3-DICHLOROPROPENE	ug/L	ND@25
TRICHLOROETHENE	ug/L	120
TRICHLOROFLUOROMETHANE (FREON 11)	ug/L	ND@25
VINYL CHLORIDE	ug/L	170
XYLENES, TOTAL	ug/L	ND@25
PHOSPHORUS, TOTAL	mg/L	NA

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Groundwater Treatment Analytical Chemistry Data  
Endicott, New York

January 1, 2016 - December 31, 2016

Reporting Conventions

Explanation of Reporting Conventions and Key to Comment Codes

NA Not Analyzed  
ND@X Not Detected at Detection Limit X

**Code Explanation**

J Estimated value: the result is  $\geq$  the Method Detection Limit (MDL) and  $<$  the Limit of Quantitation (LOQ).



## **APPENDIX F**

### **Table F-1: Summary Comparison of 2016 Duplicate Sample Results Quality Assurance / Quality Control Analytical Chemistry Data, 2016**

**Table F-1: Summary Comparison of Intralaboratory  
Duplicate Sample Results for 2016  
(two highest detections per well)  
Endicott, New York**

Well	Date	Parameter	Sample Result, S (ug/l)	Duplicate Result, D (ug/l)	Absolute Difference (ug/l)	Relative Percent Difference
EN-534	02/02/16	PCE	1.8	1.9	0.1	5%
		111-TCA	1.1	1.1	0	0%
EN-434	02/04/16	111-TCA	7100	6500	600	9%
		11-DCA	5200	4800	400	8%
EN-029A	02/08/16	PCE	1.2	1.2	0	0%
		TCE	1.0	1.0	0	0%
EN-460B	02/11/16	TCE	13	11	2	17%
		111-TCA	2.3	2.3	0	0%
EN-013	02/15/16	PCE	160	190	30	17%
		cis12-DCE	74	65	9	13%
EN-193	02/15/16	PCE	4.4	5.0	0.6	13%
		TCE	1.7	2.0	0.3	16%
EN-490	05/05/16	PCE	0.9	1	0	0%
		TCE	0.6	0.6	0	0%
EN-387A	05/09/16	cis12-DCE	43	48	5	11%
		Vinyl Chloride	22	29	7	27%
EN-017	05/10/16	111-TCA	2400	1800	600	29%
		11-DCA	320	300	20	6%
EN-035	05/10/16	111-TCA	150	210	60	33%
		11-DCA	64	67	3	5%
EN-447A	05/10/16	TCE	0.8	0.7	0.1	13%
		111-TCA	0.3	0.3	0	0%
EN-091A	05/11/16	TCE	4.3	4.4	0.1	2%
		cis12-DCE	1.4	1.5	0.1	7%
EN-478B	05/11/16	TCE	1.4	1.3	0.1	7%
		111-TCA	0.7	0.6	0.1	15%
EN-502	05/11/16	PCE	3.2	3.3	0.1	3%
		111-TCA	1.1	1.1	0	0%
EN-112	05/12/16	111-TCA	9.5	9.7	0.2	2%
		11-DCA	9.4	9.5	0.1	1%
EN-215A	05/18/16	TCE	0.9	0.9	0	0%
		111-TCA	0.5	0.5	0	0%
EN-421	05/18/16	TCE	1300	1400.0	100	7%
		cis12-DCE	1000	1000	0	0%
EN-456	07/21/16	TCE	1.0	1.1	0.1	10%
		111-TCA	0.3	0.3	0	0%
EN-534	07/21/16	PCE	2.0	2.0	0	0%
		111-TCA	1.9	1.9	0	0%
EN-039	08/01/16	111-TCA	17000	18000.0	1000	6%
		11-DCE	290	320	30	10%
EN-177	08/01/16	TCE	5.7	5.6	0.1	2%
		PCE	1.0	1.0	0	0%
EN-020	08/02/16	111-TCA	130000	170000	40000	27%
		11-DCA	48000	55000	7000	14%
EN-214A	08/08/16	PCE	1.7	1.6	0.1	6%
		TCE	0.7	0.7	0	0%
EN-459A	08/08/16	TCE	0.3	0.3	0	0%
		111-TCA	0.2	0.2	0	0%
EN-091A	08/09/16	TCE	2.9	3	0.1	3%
		cis12-DCE	0.8	0.8	0	0%

**Table F-1: Summary Comparison of Intralaboratory  
Duplicate Sample Results for 2016  
(two highest detections per well)  
Endicott, New York**

Well	Date	Parameter	Sample Result, S (ug/l)	Duplicate Result, D (ug/l)	Absolute Difference (ug/l)	Relative Percent Difference
EN-387A	08/09/16	cis12-DCE	26	25	1	4%
		Vinyl Chloride	20	20	0	0%
EN-506	08/09/16	PCE	0.3	0.3	0	0%
		111-TCA	0.3	0.3	0	0%
EN-479B	08/29/16	TCE	1.1	1.1	0	0%
		111-TCA	0.5	0.5	0	0%
EN-439B	08/30/16	TCE	0.8	0.8	0	0%
		111-TCA	0.6	0.7	0.1	15%
EN-439A	11/01/16	TCE	0.7	0.7	0	0%
		111-TCA	0.5	0.5	0	0%
EN-478B	11/01/16	TCE	1.5	1.6	0.1	6%
		11-DCA	0.6	0.6	0	0%
EN-387A	11/02/16	cis12-DCE	46	46	0	0%
		Vinyl Chloride	22	22	0	0%
EN-301	11/03/16	PCE	0.2	0.2	0	0%
		TCE	0.2	0.2	0	0%
EN-519	11/04/16	TCE	1.2	1.2	0	0%
		11-DCA	0.2	0.2	0	0%
EN-037	11/07/16	11-DCA	21000	20000	1000	5%
		CEA	16000	15000	1000	6%
EN-065	11/07/16	TCE	8.2	7.6	0.6	8%
		cis12-DCE	2.2	2.0	0.2	10%
EN-081	11/07/16	TCE	11	10	1	10%
		cis12-DCE	10	9.8	0.2	2%
EN-459A	11/08/16	TCE	0.2	0.2	0	0%
		111-TCA	0.2	0.2	0	0%
EN-051	11/09/16	cis12-DCE	3500	3600	100	3%
		PCE	470	460	10	2%
EN-021	11/15/16	111-TCA	36000	33000	3000	9%
		11-DCA	250	250	0	0%
EN-129	11/16/16	Benzene	0.4	0.5	0.1	22%
		cis12-DCE	0.3	0.3	0	0%
RMJ-MW-5	11/17/16	111-TCA	11	11	0	0%
		PCE	4.7	4	0.7	16%

Absolute Difference = |S - D|  
Relative Percent Difference = (|S - D| / (S + D)/2) x 100  
Sample result, S, was reported by Eurofins Lancaster Laboratories Environmental, Lancaster, PA.  
Duplicate result, D, was reported by Eurofins Lancaster Laboratories Environmental, Lancaster, PA.

**Quality Assurance / Quality Control Analytical Chemistry Data**  
**Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK
Sample Description	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND
Sample Date	02/02/2016	02/03/2016	02/04/2016	02/05/2016	02/08/2016	02/09/2016
Laboratory Sample I.D.	8231004	8234143	8234153	8234160	8239337	8239320
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	0.1 J	0.1 J	0.1 J	0.1 J	0.1 J
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	0.6	0.6	0.5	0.5	0.4 J
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Quality Assurance / Quality Control Analytical Chemistry Data**  
**Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK
Sample Description	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND
Sample Date	02/11/2016	02/12/2016	02/15/2016	05/04/2016	05/05/2016	05/09/2016
Laboratory Sample I.D.	8242880	8242885	8244664	8368786	8368795	8374659
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	0.1 J	ND@0.5	0.1 J	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Quality Assurance / Quality Control Analytical Chemistry Data**  
**Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK
Sample Description	WTR LVL IND	SUBM PUMP	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND
Sample Date	05/10/2016	05/11/2016	05/12/2016	05/16/2016	05/17/2016	05/18/2016
Laboratory Sample I.D.	8377862	8377759	8382717	8389914	8390058	8390078
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	0.4 J	0.2 J	0.4 J
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	0.2 J	ND@0.5	0.1 J
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Quality Assurance / Quality Control Analytical Chemistry Data**  
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January 1, 2016 - December 31, 2016

Sample Location	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK
Sample Description	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND
Sample Date	05/19/2016	05/23/2016	07/20/2016	07/21/2016	08/01/2016	08/02/2016
Laboratory Sample I.D.	8393124	8395244	8488622	8488639	8508569	8508565
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	0.3 J	0.3 J	ND@0.5	ND@0.5	0.8
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	0.1 J	0.1 J	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Quality Assurance / Quality Control Analytical Chemistry Data**  
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January 1, 2016 - December 31, 2016

Sample Location	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK
Sample Description	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND
Sample Date	08/03/2016	08/04/2016	08/05/2016	08/08/2016	08/09/2016	08/10/2016
Laboratory Sample I.D.	8512538	8512554	8512523	8518974	8518992	8525989
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	0.7	0.8	0.8	0.8	0.7
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Quality Assurance / Quality Control Analytical Chemistry Data**  
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January 1, 2016 - December 31, 2016

Sample Location	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK
Sample Description	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND
Sample Date	08/12/2016	08/14/2016	08/29/2016	08/30/2016	11/01/2016	11/02/2016
Laboratory Sample I.D.	8525992	8532365	8562728	8562767	8681555	8681575
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	0.6	0.6	0.3 J	0.4 J	0.3 J
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	0.1 J	0.1 J	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Quality Assurance / Quality Control Analytical Chemistry Data**

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Sample Location	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK	EQ RINSE BLK
Sample Description	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND	WTR LVL IND
Sample Date	11/03/2016	11/04/2016	11/07/2016	11/08/2016	11/09/2016	11/10/2016
Laboratory Sample I.D.	8681639	8682409	8687278	8687287	8690547	8693725
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	0.4 J	0.4 J	0.3 J	0.3 J	0.2 J
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Quality Assurance / Quality Control Analytical Chemistry Data**

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Sample Location	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Sample Description	1/5-1/6	2/2-2/4	2/3-2/6	2/4-2/5	2/9-2/11	2/9-2/11
Sample Date	01/05/2016	02/02/2016	02/03/2016	02/04/2016	02/08/2016	02/09/2016
Laboratory Sample I.D.	8196359	8230998	8234142	8232833	8239307	8239322
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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January 1, 2016 - December 31, 2016

Sample Location	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Sample Description	2/10-2/11	2/11-2/13	2/12-2/13	2/15-2/16	3/1-3/2	4/5-4/6
Sample Date	02/10/2016	02/11/2016	02/12/2016	02/15/2016	03/01/2016	04/05/2016
Laboratory Sample I.D.	8238944	8242875	8242886	8244636	8266726	8319631
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	0.2 J	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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**Quality Assurance / Quality Control Analytical Chemistry Data**

**Endicott, New York**

January 1, 2016 - December 31, 2016

Sample Location	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Sample Description	5/3-5/4	5/4-5/6	5/9-5/11	5/9-5/12	5/10-5/12	5/10-5/14
Sample Date	05/03/2016	05/04/2016	05/09/2016	05/09/2016	05/10/2016	05/10/2016
Laboratory Sample I.D.	8363293	8368785	8374653	8377854	8377805	8382715
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	0.3 J	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	0.2 J	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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January 1, 2016 - December 31, 2016

Sample Location	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Sample Description	5/10-512	5/11-5/14	5/12-5/14	5/12-5/14	5/16-5/19	5/16-5/19
Sample Date	05/10/2016	05/11/2016	05/12/2016	05/12/2016	05/16/2016	05/16/2016
Laboratory Sample I.D.	8377743	8382672	8382718	8382746	8389913	8390048
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Sample Description	5/17-5/21	5/19-5/21	5/23-5/24	5/23-5/24	6/7-6/8	7/6-7/7
Sample Date	05/17/2016	05/19/2016	05/23/2016	05/25/2016	06/07/2016	07/06/2016
Laboratory Sample I.D.	8393123	8393130	8395243	8399998	8414492	8463645
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Sample Description	7/20-7/22	7/21-7/23	8/1-8/4	8/1-8/4	8/2-8/3	8/2-8/6
Sample Date	07/20/2016	07/21/2016	08/01/2016	08/01/2016	08/02/2016	08/02/2016
Laboratory Sample I.D.	8488617	8490451	8508563	8508566	8508276	8512532
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Sample Description	8/3-8/6	8/4-8/6	8/4-8/6	8/8-8/10	8/8-8/11	8/9-8/13
Sample Date	08/03/2016	08/04/2016	08/04/2016	08/08/2016	08/08/2016	08/09/2016
Laboratory Sample I.D.	8512525	8512519	8512527	8518970	8524414	8525993
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Sample Description	8/10-8/13	8/11-8/13	8/14-8/17	8/29-9/1	8/29-9/1	8/30-9/1
Sample Date	08/10/2016	08/11/2016	08/14/2016	08/29/2016	08/29/2016	08/30/2016
Laboratory Sample I.D.	8525995	8525974	8532361	8562725	8562761	8562757
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	0.2 J	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Sample Description	9/7-9/8	GW EXTR WELL	11/1-11/4	11/1-11/4	11/1-11/4	11/2-11/3
Sample Date	09/07/2016	10/04/2016	11/01/2016	11/01/2016	11/01/2016	11/02/2016
Laboratory Sample I.D.	8575350	8629409	8681552	8681591	8681694	8680593
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	0.4 J	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Sample Description	11/2-11/4	11/4-11/5	11/4-11/5	11/7-11/9	11/7-11/9	11/7-11/9
Sample Date	11/02/2016	11/04/2016	11/04/2016	11/07/2016	11/07/2016	11/07/2016
Laboratory Sample I.D.	8681625	8682405	8682418	8687264	8687294	8687335
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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Sample Location	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
Sample Description	11/8-11/9	11/9-11/12	11/9-11/10	11/9-11/12	11/10-11/12	11/11-11/12
Sample Date	11/08/2016	11/08/2016	11/09/2016	11/09/2016	11/10/2016	11/11/2016
Laboratory Sample I.D.	8687286	8693710	8690544	8693735	8693727	8693756
Parameter	Units					
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	ND@0.5	0.2 J	0.4 J	0.3 J	0.3 J
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5	ND@0.5	ND@0.5

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<b>Sample Location</b>	TRIP BLANK	TRIP BLANK	TRIP BLANK
<b>Sample Description</b>	11/14-11/17	11/17-11/21	12/6-12/7
<b>Sample Date</b>	11/14/2016	11/17/2016	12/06/2016
<b>Laboratory Sample I.D.</b>	8702116	8707423	8732123

Parameter	Units			
1,1,1-TRICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5
1,2-DICHLOROETHANE (EDC)	ug/L	ND@0.5	ND@0.5	ND@0.5
BENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5
CHLOROETHANE	ug/L	ND@0.5	ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5
ETHYLBENZENE	ug/L	ND@0.5	ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/L	0.3 J	0.3 J	ND@0.5
TETRACHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5
TOLUENE	ug/L	ND@0.5	ND@0.5	ND@0.5
TRANS-1,2-DICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5
TRICHLOROETHENE	ug/L	ND@0.5	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/L	ND@0.5	ND@0.5	ND@0.5
XYLENES, TOTAL	ug/L	ND@0.5	ND@0.5	ND@0.5

April 13, 2017

Site #704014

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**Quality Assurance / Quality Control Analytical Chemistry Data**  
**Endicott, New York**

January 1, 2016 - December 31, 2016

**Reporting Conventions**

NA Not Analyzed  
 ND@X Not Detected at Detection Limit X

**Code Explanation**

J Estimated value: the result is >= the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

April 13, 2017

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## **APPENDIX G**

### **Summary of Significant Remediation Systems Maintenance Activities in 2016**

Endicott, New York

2016 MAINTENANCE ACTIVITY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>GROUNDWATER TREATMENT FACILITIES</b>												
<b>Jefferson Avenue Groundwater Treatment Facility</b>												
Liquid-phase GAC exchange												
Flushing of Conveyance Piping (EN-91T to Jefferson GTF)												
Effluent Flow Meter Inspection and Barrel Testing					1							1
<b>Garfield Avenue Groundwater Treatment Facility</b>												
1-A Carbon Vessel Liquid-phase GAC exchange		1				1	1				1	
1-B Carbon Vessel Liquid-phase GAC exchange				1			1					
Vapor Phase GAC exchange	1		1		1			1		1		1
Air Stripper Cleaning	1						1					
Carbon Vessel Repairs (Plug Replacement and Interior Recoating)						1						
Valve Replacement on Carbon Tanks	2											
Flushing of Conveyance Piping (EN-276/276R to Garfield GTF)												
Effluent Flow Meter Inspection, Calibration and Barrel Testing												
<b>Adams Avenue Groundwater Treatment Facility</b>												
A1 System 1-A Carbon Vessel Liquid-phase GAC exchange									1			
A1 System 1-B Carbon Vessel Liquid-phase GAC exchange												
A2 System PV-202 Carbon Vessel Liquid-phase GAC exchange							1					
A2 System PV-201 Carbon Vessel Liquid-phase GAC exchange							1	1				
Ran A1 system centrifuge	5	6	5	6	5	5	6	6	4	6	7	8
A1 Carbon system backwash												
Flushing of Conveyance Piping (EN-D49 to Adams GTF)												
Flushing of Conveyance Piping (EN-447T to Adams GTF)												
Flow Meter Inspection and Cleaning												
Effluent Flow Meter Inspection, Calibration and Barrel Testing												
<b>Robble Avenue Groundwater Treatment Facility (Offline)</b>												
Air Stripper Cleaning	--	--	--	--	--	--	--	--	--	--	--	--
Vapor Phase GAC exchange	--	--	--	--	--	--	--	--	--	--	--	--
Flow Meter Inspection, Calibration and Barrel Testing	--	--	--	--	--	--	--	--	--	--	--	--
<b>Clark Street Groundwater Treatment Facility</b>												
Air Stripper Cleaning	1						1					1
Vapor Phase GAC exchange	1	1	1	1	1	1		1	1	1	2	1
Flow Meter Inspection and Cleaning												
Flow Meter Inspection, Calibration and Barrel Testing	1	1										

Endicott, New York

2016 MAINTENANCE ACTIVITY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>OPERABLE UNIT #1: RAILROAD CORRIDOR SOURCE AREA</b>												
<b>Transfer Station Building 46S</b>												
Flow Meter Inspection and Cleaning												
Flow Meter Inspection, Calibration and Barrel Testing												
Flushing of C1/C2 Conveyance Piping (B046S to Clark St GTF)	2	1	1	1		3	1	1		1	2	2
<b>Extraction Well EN-107R</b>												
Flow Meter Inspection and Cleaning												
Flow Meter Inspection, Calibration and Barrel Testing		1										
Well Rehabilitation												
Flushing of C1 Conveyance Piping (EN-107R to B046S)			1									
Pumping System Maintenance or Replacement Activity	1	1		1			2				1	
<b>Extraction Well EN-114T</b>												
Flow Meter Inspection and Cleaning												
Flow Meter Inspection, Calibration and Barrel Testing		1										
Well Rehabilitation								1				
Flushing of Conveyance Piping (EN-114T to B046S)												1
Pumping System Maintenance or Replacement Activity								1		1	1	
<b>Extraction Well EN-219R</b>												
Flow Meter Inspection and Cleaning		1										
Flow Meter Inspection, Calibration and Barrel Testing												
Well Rehabilitation					1							
Line Flushing (EN-219R to Clark GTF)					1							1
Pumping System Maintenance or Replacement Activity		2			1							1
<b>Extraction Well EN-253R</b>												
Flow Meter Inspection and Cleaning												
Flow Meter Inspection, Calibration and Barrel Testing		1										
Well Rehabilitation												
Line Flushing (EN-253R to Clark GTF)	1					1						
Pumping System Maintenance or Replacement Activity												
<b>Extraction Well EN-428</b>												
Flow Meter Inspection and Cleaning												
Flow Meter Inspection, Calibration and Barrel Testing		1										
Well Rehabilitation	1		1	1		1		1			1	
Line Flushing (EN-428 to Clark GTF)						2	1	1				
Pumping System Maintenance or Replacement Activity												



**Endicott, New York**

2016 MAINTENANCE ACTIVITY		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Injection Well EN-509T (Offline after 8/10/2016)</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
<b>OPERABLE UNIT #2: NORTH STREET AREA</b>													
<b>Extraction Well EN-276 (Offline after 11/21/2016)</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
	Pumping System Maintenance or Replacement Activity			1	1								
<b>Extraction Well EN-276R (Offline 1/1/16 to 4/14/16, and 10/25/16 to 11/21/16 )</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
	Pumping System Maintenance or Replacement Activity				1								
<b>MISC. ACTIVITY A: OFF-SITE CAPTURE ZONE A AND OPERABLE UNIT #3: SOUTHERN AREA</b>													
<b>Extraction Well EN-091T</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing					1							
	Well Rehabilitation												
	Pumping System Maintenance or Replacement Activity		1					1					1
<b>Extraction Well EN-120 (Offline)</b>													
	Flow Meter Inspection and Cleaning	--	--	--	--	--	--	--	--	--	--	--	--
	Flow Meter Inspection, Calibration and Barrel Testing	--	--	--	--	--	--	--	--	--	--	--	--
	Well Rehabilitation	--	--	--	--	--	--	--	--	--	--	--	--
	Pumping System Maintenance or Replacement Activity	--	--	--	--	--	--	--	--	--	--	--	--
<b>Extraction Well EN-133</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
	Pumping System Maintenance or Replacement Activity												

Endicott, New York

2016 MAINTENANCE ACTIVITY		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Extraction Well EN-160 (Offline)</b>													
	Flow Meter Inspection and Cleaning	--	--	--	--	--	--	--	--	--	--	--	--
	Flow Meter Inspection and Barrel Testing	--	--	--	--	--	--	--	--	--	--	--	--
	Well Rehabilitation	--	--	--	--	--	--	--	--	--	--	--	--
	Pumping System Maintenance or Replacement Activity	--	--	--	--	--	--	--	--	--	--	--	--
<b>Extraction Well EN-194</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
	Pumping System Maintenance or Replacement Activity												
<b>Extraction Well EN-215T</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
	Pumping System Maintenance or Replacement Activity						1						
<b>Extraction Well EN-284P</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
	Pumping System Maintenance or Replacement Activity				1	1							
<b>Extraction Well EN-447T</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
	Pitless Adapter Repair									1			
	Pumping System Maintenance or Replacement Activity					1		1					
<b>Extraction Well EN-451P</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing					1							
	Well Rehabilitation												
	Pumping System Maintenance or Replacement Activity									1			
<b>Extraction Well EN-499T (Offline)</b>													
	Flow Meter Inspection and Cleaning	--	--	--	--	--	--	--	--	--	--	--	--
	Flow Meter Inspection, Calibration and Barrel Testing	--	--	--	--	--	--	--	--	--	--	--	--
	Well Rehabilitation	--	--	--	--	--	--	--	--	--	--	--	--
	Pumping System Maintenance or Replacement Activity	--	--	--	--	--	--	--	--	--	--	--	--

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2016 MAINTENANCE ACTIVITY		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Injection Well EN-92P (Offline 6/5/16 to 7/28/16)</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
<b>Injection Well EN-501T (Offline 6/5/16 to 8/14/16, 8/19/16 to 9/18/16, and after 11/8/16)</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
<b>Injection Well EN-510T (Offline)</b>													
	Flow Meter Inspection and Cleaning	--	--	--	--	--	--	--	--	--	--	--	--
	Flow Meter Inspection, Calibration and Barrel Testing	--	--	--	--	--	--	--	--	--	--	--	--
	Well Rehabilitation	--	--	--	--	--	--	--	--	--	--	--	--
<b>Injection Well EN-529T (Offline 6/7/16 to 7/28/16)</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
<b>Injection Well EN-530T (Offline 6/5/16 to 7/28/16)</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
<b>Injection Well EN-532T</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
<b>OPERABLE UNIT #4: IDEAL CLEANERS AREA (OFF-SITE CAPTURE ZONE B)</b>													
<b>Extraction Well EN-185R/185P (Offline)</b>													
	Flow Meter Inspection and Cleaning	--	--	--	--	--	--	--	--	--	--	--	--
	Flow Meter Inspection, Calibration and Barrel Testing	--	--	--	--	--	--	--	--	--	--	--	--
	Well Rehabilitation	--	--	--	--	--	--	--	--	--	--	--	--
	Pumping System Maintenance or Replacement Activity	--	--	--	--	--	--	--	--	--	--	--	--
<b>Extraction Well EN-195 (Offline)</b>													
	Flow Meter Inspection and Cleaning	--	--	--	--	--	--	--	--	--	--	--	--
	Flow Meter Inspection, Calibration and Barrel Testing	--	--	--	--	--	--	--	--	--	--	--	--
	Well Rehabilitation	--	--	--	--	--	--	--	--	--	--	--	--
	Pumping System Maintenance or Replacement Activity	--	--	--	--	--	--	--	--	--	--	--	--

Endicott, New York

2016 MAINTENANCE ACTIVITY		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Extraction Well EN-491T</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
	Pumping System Maintenance or Replacement Activity						1						
<b>Extraction Well EN-492T (Offline)</b>													
	Flow Meter Inspection and Cleaning	--	--	--	--	--	--	--	--	--	--	--	--
	Flow Meter Inspection, Calibration and Barrel Testing	--	--	--	--	--	--	--	--	--	--	--	--
	Well Rehabilitation	--	--	--	--	--	--	--	--	--	--	--	--
	Pumping System Maintenance or Replacement Activity	--	--	--	--	--	--	--	--	--	--	--	--
<b>Injection Well EN-78T</b>													
	Flow Meter Inspection and Cleaning (in well meter)												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
<b>Injection Well EN-161T</b>													
	Flow Meter Inspection and Cleaning (in well meter)												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
<b>OPERABLE UNIT #5: BUILDING 57 AREA</b>													
<b>Extraction Well EN-709</b>													
	Flow Meter Inspection and Cleaning		1				1						
	Flow Meter Inspection, Calibration and Barrel Testing		1										
	C6 Line Flushing (EN-709 Transfer Bldg to Clark GTF)	3								1			1
	Well Rehabilitation												
	Pumping System Maintenance or Replacement Activity												
<b>OPERABLE UNIT #6: PLUME CONTROL IN BEDROCK GROUNDWATER</b>													
<b>Extraction Well EN-D49</b>													
	Flow Meter Inspection and Cleaning												
	Flow Meter Inspection, Calibration and Barrel Testing												
	Well Rehabilitation												
	Pumping System Maintenance or Replacement Activity												

**Endicott, New York**

2016 MAINTENANCE ACTIVITY		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>OPERABLE UNIT #7: NORTHWESTERN AREA</b>													
<b>Extraction Well EN-154R (Offline)</b>													
	Flow Meter Inspection and Cleaning	--	--	--	--	--	--	--	--	--	--	--	--
	Flow Meter Inspection, Calibration and Barrel Testing	--	--	--	--	--	--	--	--	--	--	--	--
	Well Rehabilitation	--	--	--	--	--	--	--	--	--	--	--	--
	Pumping System Maintenance or Replacement Activity	--	--	--	--	--	--	--	--	--	--	--	--
<b>Extraction Well EN-218 (Offline)</b>													
	Flow Meter Inspection and Cleaning	--	--	--	--	--	--	--	--	--	--	--	--
	Well Rehabilitation	--	--	--	--	--	--	--	--	--	--	--	--
	Pumping System Maintenance or Replacement Activity	--	--	--	--	--	--	--	--	--	--	--	--

## **APPENDIX H**

### **Operation, Maintenance, and Monitoring Manual for Extraction, Collection and Treatment Systems (on CD)**