

8976 Wellington Road Manassas, VA 20109

March 29, 2018

Amen Omorogbe Division of Environmental Remediation New York State Dept. of Environmental Conservation 625 Broadway, 11th Floor Albany, NY 12233-7017

Re: Former IBM Kingston Facility (TechCity Site) Site Number: 356002 Order on Consent Index: D3-10023-6-11 2017 Annual Groundwater Monitoring Report

Dear Mr. Omorogbe:

Enclosed please find the 2017 Annual Groundwater Monitoring Report for the former IBM Kingston Facility (TechCity Site). In July 2011, the Part 373 RCRA for the Site was superseded by a Part 375 Order on Consent (Order). This groundwater monitoring report is being submitted per NYSDEC's request. Future groundwater monitoring reports will be included as part of the Periodic Review Reports once the Interim Site Management Plan is approved.

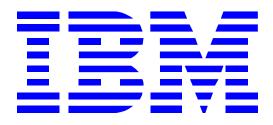
If you have any questions, please call Linda Daubert at (703) 257-2585.

Sincerely yours,

M. E. pryce

M. E. Meyers Manager, Environmental Remediation Corporate Environmental Affairs

Recipient	NYSDEC Albany (electronic copy only)
Benjamin Conlon, Esq.	NYSDEC Albany (electronic copy only)
Wayne Mizerak	NYSDEC Albany (paper and electronic copy)
Kristin Kulow	NYSDOH Oneonta (electronic copy only)
Roger Osterhoudt	TechCity Properties, Inc. (paper and electronic copy)



Former IBM Kingston Facility (TechCity) Site Number: 356002 Order on Consent Index: D3-10023-6-11

2017 ANNUAL GROUNDWATER MONITORING REPORT

Prepared for:

IBM Corporate Environmental Affairs 8976 Wellington Road Manassas, VA 20109

March 29, 2018

Prepared by: Groundwater Sciences, P.C. Groundwater Sciences Corporation

2601 Market Place Street, Suite 310 Harrisburg, Pennsylvania 17110 560 Route 52, Suite 202 Beacon, New York 12508

1108 Vestal Parkway East, Suite 2 Vestal, New York 13850

Professional Geologist Certification Former IBM Kingston Facility (TechCity) Town of Ulster Ulster County, New York

2017 Annual Groundwater Monitoring Report Order on Consent Index # D3-10023-6-11 Site # 356002

March 29, 2018

As the person with primary responsibility for the performance of the geological services and activities associated with the captioned report, I certify that I have reviewed the document titled *"Former IBM Kingston Facility (TechCity), Site Number 356002, Order on Consent Index D3-10023-6-11, 2017 Annual Groundwater Monitoring Report"*. This report is dated March 29, 2018 and was prepared by Groundwater Sciences, P.C. (GSPC) and Groundwater Sciences Corporation (GSC) for IBM Corporation.

I certify that the associated geological services and this report have been prepared under my direct supervision. To the best of my knowledge; all such information contained in this report is complete and accurate.

This report bears the seal of a professional geologist; no alterations may be made to the information contained in this report unless made in accordance with Title 8, Article 145, Section 7209 of New York State Education Law.



Dorothy A. Bergmann

Signature:

Date: 3/29/2018

Name:

License No: 00477

State: New York

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Table A: Sum	mary of Abbreviations Used in this Report		
GMP	Groundwater Monitoring Plan		
GSC	Groundwater Sciences Corporation		
GSPC	Groundwater Sciences, P.C.		
GTF	Groundwater Treatment Facility		
GWCS	Groundwater Collection System		
IBM	International Business Machines Corporation		
IWSL	Industrial Waste Sludge Lagoon		
IWTP	Industrial Waste Treatment Plant		
NPLA	North Parking Lot Area		
NYSDEC	New York State Department of Environmental Conservation		
OU	Operable Unit		
QA/QC	Quality Assurance/Quality Control		
SPDES	State Pollutant Discharge Elimination System		
VOCs	Volatile Organic Compounds		
Monitoring Parameters			
111-TCA	1,1,1-Trichlorethane		
112-TCA	1,1,2-Trichloroethane		
11-DCA	1,1-Dichloroethane		
11-DCE	1,1-Dichloroethene		
12-DCA	1,2-Dichloroethane		
12-DCBZ	1,2-Dichlorobenzene		
12-DCE	1,2-Dichloroethene (total)		
13-DCBZ	1,3-Dichlorobenzene		
14-DCBZ	1,4-Dichlorobenzene		
CBZ	Chlorobenzene		
CEA	Chloroethane		
CIS13-DCPRE	Cis-1,2-Dichloropropene		
DCDFM	Dichlorodifluoromethane		
DCM	Methylene Chloride (Dicholoromethane)		
Freon [®] 113	1,1,2-Trichloro-1,2,2-Trifluoroethane		
Freon [®] 123a	1,2-Dichloro-1,2,2-Trifluoroethane		
PCE	Tetrachloroethene		
TCE	Trichloroethylene		
ТСМ	Chloroform (Trichloromethane)		
VC	Vinyl Chloride		

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1.0 INTRODUCTION

This Annual Groundwater Monitoring Report, prepared by Groundwater Sciences, P.C. (GSPC) and Groundwater Sciences Corporation (GSC) on behalf of International Business Machines Corporation (IBM), presents the results of the groundwater monitoring and remediation system operation, maintenance, and monitoring activities conducted during the 2017 calendar year at the TechCity (Former IBM Kingston Site (the Site)) located at 300 Enterprise Drive, Kingston, Ulster County, New York (see Figure 1-1).

The Site is listed as a Class 4 Site (Site # 356002) in the Registry of Inactive Hazardous Waste Disposal Sites in New York State and is managed in compliance with the Order on Consent (Order), Index # D3-10023-6-11, signed with New York State Department of Environmental Conservation (NYSDEC) by IBM and TechCity on July 8, 2011.

Section 2.0 of this report presents a Site overview. Section 3.0 reports the results of the inspections and maintenance of the closed former Industrial Waste Sludge Lagoon (IWSL). Section 4.0 includes a discussion of the analytical data for groundwater samples collected during the previous annual period (January 1, 2017 through December 31, 2017). Section 5.0 presents the results of the groundwater remediation system operations Section 6.0 presents the progress of remediation at the Site and includes a report on the contaminant recovery levels and treatment efficiency data for the previous annual period. Section 7.0 provides a summary listing of reports on other activities completed. Section 8.0 provides reference listing of historical documents used in the preparation of this report.

2.0 SITE OVERVIEW

The following sections provide details on the Site, including current Site conditions and the Site chronology.

2.1 Site Background

The Site is located north of the City of Kingston in the Town of Ulster, Ulster County, New York and is bounded by John M. Clarke Drive and Route 9W to the east, Old Neighborhood Road and Route 209 to the north, Esopus Creek to the west, and Boices Lane to the south (see Figure 2-1).

The approximately 258-acre property was first developed by IBM from farmland during the 1950s. The primary activities included the manufacturing of electric typewriters and the development, manufacture and testing of computer systems and related components and technologies. IBM ceased operations during the early-1990s and the property was subsequently subdivided into multiple parcels. In 1998, IBM sold the Site to AG Properties of Kingston, LLC and Ulster Business Complex, LLC. In March 2017, three parcels were set for auction by the Town of Ulster due to nonpayment of taxes. Currently, these three parcels are owned by the Town of Ulster and include: Building B001 and the 5.84 acres on which it sits; the 1-acre site where building B002 used to stand; and; the 0.38-acre site where Building B034 used to stand. The Site is currently managed by TechCity Properties, Inc. (TechCity).

The portion of the Site located east of Enterprise Drive is referred to as the East Campus and includes the majority of the buildings at the Site, many of which are vacant. The portion located west of Enterprise Drive is referred to as the West Campus and includes Buildings 201 (B201), Building 202 (B202) and Building 203 (B203); a large parking area south and west of this building complex; and generally undeveloped land further to the southwest and north of this building complex.

IBM completed extensive RCRA Facility Investigations (RFIs) beginning in the 1990s through 2002 to delineate the occurrence and extent of volatile organic compounds (VOCs) in groundwater beneath the Site. Beginning in 2008, IBM began and/or completed additional investigations of SWMUs that have become accessible as the result of TechCity's redevelopment activities.

Corrective Measures implemented by IBM include the operation and maintenance of a perimeter control system that intercepts the groundwater plume. The perimeter control system consists of two storm water sewer systems, an unsaturated portion of the surficial sand unit that underlies the site, a utility trench barrier wall, and a groundwater collection system (see Figure 2-1).

The site was listed as a Class 4 Site (Site #356002) in the Registry of Inactive Hazardous Waste Disposal Sites in New York State and was managed in compliance with the October 4, 1996 Hazardous Waste Management Permit #3-5154-00067/00090 (6 NYCRR Part 373) (RCRA Permit) until the Order on Consent (Order), Index # D3-10023-6-11, for Site #356002, was signed with New York State Department of Environmental Conservation (NYSDEC) by IBM and TechCity on July 8, 2011. Corrective Action activities at the Site were conducted with oversight of NYSDEC under the RCRA Permit and from July 2011 to present under the Order.

The Order, which supersedes and replaces the former RCRA Permit, divided the Site into ten Operable Units (OUs). The locations of the OUs are depicted in Figure 2-1. Table 2-1 presents a list of the OUs, including TechCity's proposed use for each OU, and which OUs remain listed as a Class 4 Inactive Hazardous Waste Disposal Site.

Table 2-1:	Listing of Operable Units, Proposed Use and Status	
Operable Unit	Proposed Use	Status
OU 1	Commercial	
OU 2	Commercial	
OU 3	Commercial	Included as part of the Class 4 Inactive Hazardous Waste Disposal Site # 356002
OU 3a	Commercial	Included as part of the Class 4 Inactive Hazardous Waste Disposal Site # 356002
OU 4	Restricted Residential	
OU 4a	Commercial	
OU 5	Commercial	Included as part of the Class 4 Inactive Hazardous Waste Disposal Site # 356002
OU 6	Commercial	
OU 7	Commercial	
OU 8	Commercial	

The Statement of Basis (February 2013) provides an update on the Corrective Action activities at the Site and describes the closure conditions identified by various site investigations from the late 1970s to 2012.

2.2 Generalized Geology

The Site is located within the Hudson-Mohawk Lowland Physiographic Province. The bedrock underlying the western portion of the Site consists of siltstone and shale of the Middle Devonian Age Lower Hamilton Group. The eastern portion of the Site is underlain by both the Lower Hamilton Group and the Lower Devonian Age Onondaga Limestone. The exact location and nature of the contact between these units is not known. The Lower Hamilton Group forms a northnorthwest trending bedrock high approximately coincident with Enterprise Drive, and is described as a calcareous shale in boring logs completed during previous Site investigations.

Literature on regional geologic conditions indicate that a glacially-derived sand and gravel unit directly overlies the bedrock west of Enterprise Drive and a glacial till unit overlies the bedrock east of Enterprise Drive. These unconsolidated units are overlain by a varved silt and clay unit that is interpreted to be of lacustrine origin, with a thickness of zero feet in an area where it is absent proximate to the bedrock high, to over 180-feet in the central portion of East Campus as determined by previous Site borings. The clay portion of the varved silt and clay unit serves as an aquitard throughout most the Site, except in the localized area in the vicinity of the bedrock high where it is absent.

A well sorted, fine to coarse-grained sand of lacustrine origin, with intermittent, thin, silty-clay zones, overlies the varved silt and clay (or bedrock where the varved silt and clay is absent in the vicinity of the bedrock high). This surficial sand unit ranges in thickness across the Site from approximately 6-feet in the area of the bedrock ridge to greater than 30-feet in the central portion of the East Campus. A discontinuous transition zone of relatively fine-grained materials is present at the base of the surficial sand unit in some areas of the Site (GSC, 1997).

Generalized descriptions of the near-surface lithologic units encountered at the Site are as follows:

- Surficial SAND Unit: Consists of a light brown, fine to medium grained sand containing variable amounts of finer-grained silt and clay. This unit is typically saturated below a depth of approximately 6 to 7-feet below ground surface (ft bgs).
- SILTY-SAND and CLAY Transition Unit: Consists of variable amounts of reddishbrown to gray silt, sand, and clay. Typical appearance in a soil core is a silty-sand matrix containing thin lenses of silt and sandy clay. This unit, if present, is generally encountered between 15 to 20-ft bgs in the vicinity of B001.
- Varved CLAY Unit: Consists of red-brown and gray, plastic, cohesive, wet clay with intermittent silt zones. Typical appearance in a soil core is clay with laminae of silt and sometimes very fine-grained sand. This unit is typically encountered at approximately 20 to 25-ft bgs in the B001 area, with greater or lesser depths of first occurrence in localized areas.

The thickness of the sand unit increases and the thickness of the transition unit decreases coinciding with a shallowing of the depth to top-of-clay along the western edge of a clay unit "valley" identified in the *RCRA Facility Investigation on Groundwater Plumes* report (GSC, 1997b). This valley is deepest below B001 and B003 (i.e., approximately 30 ft bgs to the top of the clay unit) and extends southward towards Boices Lane.

2.3 Generalized Hydrogeology

The varved clay unit serves as an aquitard throughout most the Site. Therefore groundwater in the bedrock and in the deep sand and gravel and glacial till units that underlie the varved silt and clay is under confined conditions. Groundwater within the surficial sand unit that overlies the varved silt and clay unit is unconfined. The surficial sand unit is typically unsaturated in the area of the bedrock high along Enterprise Drive.

The estimated horizontal hydraulic conductivity of the surficial sand unit ranges from approximately 65 feet per day (ft/day) to 270 ft/day (i.e., 2.3×10^{-2} centimeters per second [cm/sec] to 9.5×10^{-2} cm/sec), with an average hydraulic conductivity of approximately 100 ft/day [2.3×10^{-2} cm/sec]. The horizontal hydraulic conductivity of the varved silt and clay unit has been estimated at approximately one (1) foot per day [3.5×10^{-4} cm/sec]. The vertical hydraulic conductivity of this unit is likely significantly lower than its horizontal hydraulic conductivity due to the horizontal

bedding structure. The low vertical hydraulic conductivity and thickness of the unit support the designation of the varved silt and clay as an aquitard.

3.0 FORMER INDUSTRIAL WASTE SLUDGE LAGOON AREA (OU-5)

The former Industrial Waste Sludge Lagoon (IWSL), designated as OU-5, was rectangular in shape, approximately 158 feet by 60 feet by 10 feet deep and covered an area of approximately 9,500 square feet (0.22 acres). As constructed in 1955, the lagoon was lined with a six inch layer of clay. In 1978, the sludge lagoon was reconstructed and lined with a 45 mil thick membrane liner with nylon reinforcement. Closure of the sludge lagoon commenced on December 1, 1984 in accordance with a NYSDEC approved closure plan. Sludge and solids were removed in addition to the liner.

Trace levels of residual constituents were left in place below the liner (i.e., below an elevation of 141 feet). Two feet of crushed limestone was place to an elevation of 143 feet. The lagoon was then backfilled with clean sand to within 6 inches of finished grade and covered with top soil and seeded. Certification of closure was provided to NYSDEC on June 12, 1985.

In addition to the groundwater monitoring network, OU-5 currently includes two other Engineering Control systems associated with the former IWSL that potentially require maintenance: the IWSL cover system and the security fence. The former IWSL is enclosed within an 8-foot high chain-link fence and all gates are locked except when in use. Warning signs are posted around the fence and bear the legend "Danger – Unauthorized Personnel Keep Out".

The lagoon cover system and security fence were inspected quarterly in 2017. Routine maintenance activities were conducted to preserve the integrity and functionality of the soil cover system and included mowing and reseeding as necessary to maintain the grass cover on the closed unit. No repairs were required to either the chain-link security fence or the cover system during the previous annual period.

4.0 GROUNDWATER MONITORING RESULTS

An updated and revised Groundwater Monitoring Plan was approved by the NYSDEC on August 7, 2013 and was implemented during the third quarter 2013. The following sections detail the monitoring completed during the reporting period.

4.1 Summary of Field Activities

It should be noted that due to ongoing asbestos abatement work and building demolition activities during 2017 many monitoring wells were inaccessible for monitoring. Therefore, only accessible wells and piezometers were inspected and sampled during the monitoring period.

4.1.1 <u>Groundwater Monitoring Well Sampling</u>

Routine groundwater samples were collected during the second quarter of 2017. Sampling and analysis of groundwater was performed at the Site in accordance with protocols contained in the currently approved Groundwater Monitoring Plan (GMP). The results of the routine groundwater sampling and the associated Quality Assurance/Quality Control (QA/QC) data are contained in Appendix A. The next routine sampling per the GMP will be conducted in the third quarter of 2018.

4.1.2 <u>Physical Well Inventory and Maintenance</u>

Accessible wells and piezometers were inspected during the monitoring period. During each groundwater elevation measurement event, each accessible monitoring well was inspected for integrity in accordance with the Groundwater Monitoring System Inspection Plan.

4.1.3 <u>Groundwater Elevation Measurements</u>

In addition the GMP monitoring requirements, IBM measured water levels in the hydraulic effectiveness wells that monitor the hydraulic effectiveness of the remedies during the first, second, third and fourth quarters. The results of each of these water level surveys were converted to groundwater elevations and are presented in Appendix B, and are discussed further in Section 4.2.

4.2 Groundwater Flow

Groundwater elevation measurements were used to generate groundwater elevation contour maps for the shallow water table aquifer underlying most of the developed portion of the site. Four groundwater elevation contour maps were prepared, one for each quarter of 2017, included as Figures 4-1 through Figure 4-4. An enlargement of the northern portion of the Site, including the Groundwater Collection System (GWCS) and the installed trench extension, are included on these figures. Also shown on these figures are the locations of the storm sewer systems on the Site, the location of the GWCS trench (including the trench extension) and the utility trench barrier wall.

An east-west trending groundwater divide has been identified at the Site underlying B001, Building 002 (B002), B003 and Building 005 (B005) (see Figures 4-1 through Figure 4-4). Groundwater to the north of the divide flows west and northwest. Groundwater to the south of the divide flows west and southwest. The water table gradient in the eastern portion of the Site and in the vicinity of the GWCS is higher than the water table gradient in the south and central portion of the Site, and estimated horizontal groundwater flow velocities range from approximately 0.8 ft/day to 2 ft/day (GSC, 1997b).

Groundwater flow is influenced by the presence of the perimeter control system (see Figures 4-1 through Figure 4-4), which is composed of:

- A 42-inch diameter storm sewer pipe that extends from east to west along a line south of B001 through B005, and passes under Enterprise Drive to the south of B201.
- A naturally occurring unsaturated portion of the surficial sand unit that intersects the 42-inch storm sewer south of B201, and extends east-northeast back across Enterprise Drive, and then continues toward the north portion of the Site.
- The GWCS extends along the western and northern perimeter of the North Parking Lot Area. The GWCS is comprised of a set of groundwater cut-off trenches. Water collected in the trenches is treated via air stripping.
- A 60-inch diameter storm sewer pipe that runs parallel to the north property line intersects the GWCS and extends along the western portion of the North Parking Lot Area.

• A utility trench barrier wall, consisting of an approximately 250-foot long trench backfilled with clay with the base keyed into the Varved Clay Unit and the top of the barrier wall completed a minimum of two feet above the recorded high water table. This barrier wall was installed to mitigate the potential for westward groundwater migration along the underground utility pipes which ultimately terminate at the former Industrial Waste Treatment Facility (IWTF).

4.3 Chemical Constituents in Groundwater

Identified constituents of concern in the surficial sand aquifer include the following chlorinated VOCs: 1,1,1-trichloroethance [111-TCA], trichloroethene [TCE] and tetrachloroethene [PCE], and related degradation products (i.e., 1,1-dichloroethene [1,1-DCE], 1,1-dichloroethane [1,1-DCA], 1,2-cis-dichloroethene [1,2-DCE] and 1,2-dichloroethane [1,2-DCA]). Other VOCs have been detected in groundwater, including carbon tetrachloride, Freon[®], and petroleum hydrocarbons; however, concentrations of these VOCs are generally lower and less extensive than the chlorinated compounds.

Four groundwater plumes have been identified at the Site, including:

- The North Parking Lot Area (NPLA) Plume (located to the north of B001 and B003) is primarily composed of TCE and 111-TCA, and to a lesser degree PCE. Based on historic groundwater quality sampling and soil vapor screening investigations, the source areas for this plume are likely associated with historic manufacturing activities in B001, B002, B003, B004 and B005S, including industrial waste sewer lines located beneath these buildings (as noted below) and north of B001 and B003. PCE, TCE, and 111-TCA in the NPLA Plume appear to originate in the central and western portions of the eastern campus, and is moving north-northwest toward the GWCS.
- The B005 Plume Area, located beneath B001, B002, B003, B004 and B005, is primarily composed of TCE and 111-TCA. Based on historic groundwater quality sampling and soil vapor screening investigations, this plume is believed to have originated from activities in B001, B003, B004 and B005S.

- An isolated PCE plume, extending from the southern portion of B005 to the 42-inch sewer and originating from a release(s) at a PCE tank located in the southeastern corner of B005.
- The B036 Area Plume, located on the West Campus near Building 036 (B036), is primarily composed of TCE and 111-TCA. The plume in this area is not likely to have originated from the former IWSL or from activities associated with the IWTF, but is believed to have migrated from the eastern campus plume along the underground utility pipes prior to the installation of the utility trench barrier wall.

Figures 4-5 and 4-6 present a generalized depiction of areas where groundwater is impacted by VOCs that has been inferred based on historical monitoring data and corresponds to the following compounds: PCE; TCE; 12-DCE; VC; 111-TCA; 11-DCE; 11-DCA; Freon[®] 113; 12-DCA; TCM and 112-TCA. Compounds less frequently detected include: 12-dichlorobenzene (DCBZ), 13-DCBZ, 14-DCBZ, chlorobenzene (CBZ), and chloroethane (CEA).

Figures 4-5 and 4-6 include postings of the results from the second quarter 2017 sampling event for each of the major constituent(s) and their associated degradation products. The maximum concentrations for the constituents present in these plumes were observed during the 1980s and the concentrations observed on the Site have declined since that time.

Lastly, Figures 4-5 and 4-6 show the delineation of the limits of hydraulic control shown as the site control perimeter. In general, groundwater plumes in the shallow sand aquifer are contained within this boundary with the exception of the B036 Area plume which is believed to have migrated from the eastern campus plume along the underground utility pipes prior to the installation of the utility trench barrier wall.

5.0 GROUNDWATER REMEDIATION SYSTEM OPERATION, MAINTENANCE AND MONITORING (OM&M)

The Groundwater Remediation System consists of the GWCS and NPLA system together with the associated treatment system. The OM&M Plan details the various components of the ongoing operations and maintenance of the system. Maintenance includes such items as pump replacement and routine cleaning of the air stripper units and components.

5.1 Groundwater Remediation System Components

5.1.1 <u>Groundwater Collection System (GWCS)</u>

The two main elements of the GWCS are the interceptor trench and the lateral trench as shown on Figure 5-1. The interceptor portion of the GWCS lies more or less perpendicular to the direction of groundwater flow. The GWCS has been keyed into the relatively impermeable lacustrine silt and clay unit beneath the surficial sand water-bearing unit and, as such, fully intercepts groundwater flow.

From December 1986 through the end of June 1994, the interceptor trench portion of the GWCS consisted of five manholes (MH1 through 5) which are connected by 6-inch diameter perforated pipe. Water recovered from these trenches was conveyed to the on-site IWTF for removal of volatile organic compounds (VOCs) using counter-current air stripping towers. During early 1994, upgrades to the GWCS included the installation of new pumps in the associated trench manholes, the construction of a new treatment building, and the installation of shallow tray aerator units.

As of July 8, 1994, these units were put on-line and groundwater collected by the GWCS was conveyed to the new treatment building, subjected to tray aeration and discharged to sanitary sewer. Additionally, in May 1995, the northwest leg of the GWCS trench was extended approximately 240 feet with three additional trench manholes (MH6 through 8) with one pump was installed at MH6 (see Figure 5-1). On July 10, 1996 the discharge from the tray-aerators was connected to the storm sewer system under the New York State Department of Environmental Conservation (NYSDEC) State Pollutant Discharge Elimination System (SPDES) Permit NY0108138.

5.1.2 North Parking Lot Area System (Passive Groundwater Collection)

In 1996, IBM initiated a storm-sewer re-routing project at the Site. This project involved the installation of a new storm sewer system and re-routing of certain connections to mitigate groundwater infiltration into the storm water system in the area between and near B003 and B005N. Compliance with SPDES Permit discharge limits at several outfalls to the storm system was the primary focus of the project; however, as a secondary result is the continued use of the now inactive storm sewer line as a collection trench for infiltrating groundwater. Any groundwater collected in the inactive system is re-routed to the GWCS treatment building prior to discharge to a SPDES-permitted outfall. The NPLA system, consisting of two pump stations, Pump Station-1 (PS-1), Pump Station-2 (PS-2), and associated conveyance piping, went online in December 1997.

5.1.3 Groundwater Treatment System

There is one groundwater treatment facility (GTF) operating at the Site which treats groundwater extracted by the GWCS and the NPLA system. The GTF consists of a 1,200 gallon, 4-foot diameter, conical bottom grit tank, two (2) Type 304L stainless steel North East Environmental Products Shallow Tray air strippers (Model 2641), the electrical supply and distribution system, instrumentation, and controls.

The GTF is designed to treat in excess of 120,000 gallons per day or approximately 83 gallons per minute (gpm) of groundwater. The average treatment system flow rate is typically between 30 to 50 gpm. The maximum SPDES-permitted daily discharge limit is 120,000 gallons.

5.2 Summary of Operations

Daily operating data for the GWCS and NPLA are presented in Appendix C. With the exception of minimal downtime for routine maintenance activities and minor repairs, the groundwater treatment system was operated continuously in accordance with the Operations, Maintenance, and Monitoring Plan.

Appendix D contains a summary printout of the GWCS and NPLA sampling data for the reporting period and also includes treatment system monitoring results for the samples collected under SPDES Permit NY0108138, including the final effluent from the treatment system, Outfall 01A.

6.0 PROGRESS OF REMEDIATION

Historical activities combined with the satisfaction of the RCRA Permit requirements from 1988 through 2011 and from July 2011 to present under the Order have resulted in extensive remediation of contaminated media on Site.

The Groundwater Remediation System, including the GWCS, NPLA system, and the on-site treatment system, operated as designed during the reporting period.

The effluent concentrations from the on-site treatment system were within the SPDES permit effluent limits.

The 2017 mass removal calculations for the Groundwater Remediation System are presented in Appendix D.

Long-term operations began at the GWCS in 1986 and continued operations since that time has produced 527 million gallons. Total mass removed as of year-end 2017 is approximately 2,800 pounds. Approximately 19.0 million gallons of groundwater was collected and treated from the GWCS or, on average, 52,061 gallons per day over the 2017 calendar year. The average flowrate was approximately 36.2 gpm. For this annual period, approximately 38.74 pounds of VOCs were removed by the GWCS.

Operation of the NPLA pump stations began in December 1997. Continued operations since that time has produced 39 million gallons of water. Total mass removed by the NPLA as of year-end 2017 is approximately 28.5 pounds. Approximately 2.4 million gallons of groundwater was collected from the NPLA pump stations or, on average, 6,545 gallons per day over the 2017 calendar year. For this annual period, approximately 0.66 pounds of VOCs were removed by the NPLA system.

The ongoing remedial program continues to be effective in reducing and containing the dissolved groundwater plume and in removing contaminant mass from Site groundwater.

7.0 OTHER ACTIVITIES AND REPORTING

Several activities were conducted at the Site in 2017 under the oversight of NYSDEC. These investigations included implementation of the NYSDEC approved work plans under the current Consent Order. The investigation results will be reported and submitted to NYSDEC in separate reports and are not included herein. Following is a summary of activities and submittals for the 2017 Calendar Year:

Conducted the annual Vapor Intrusion sampling (April 2017), Golder Associates;

Completed the SWMU M / B003 investigation (October 2017), Golder Associates.

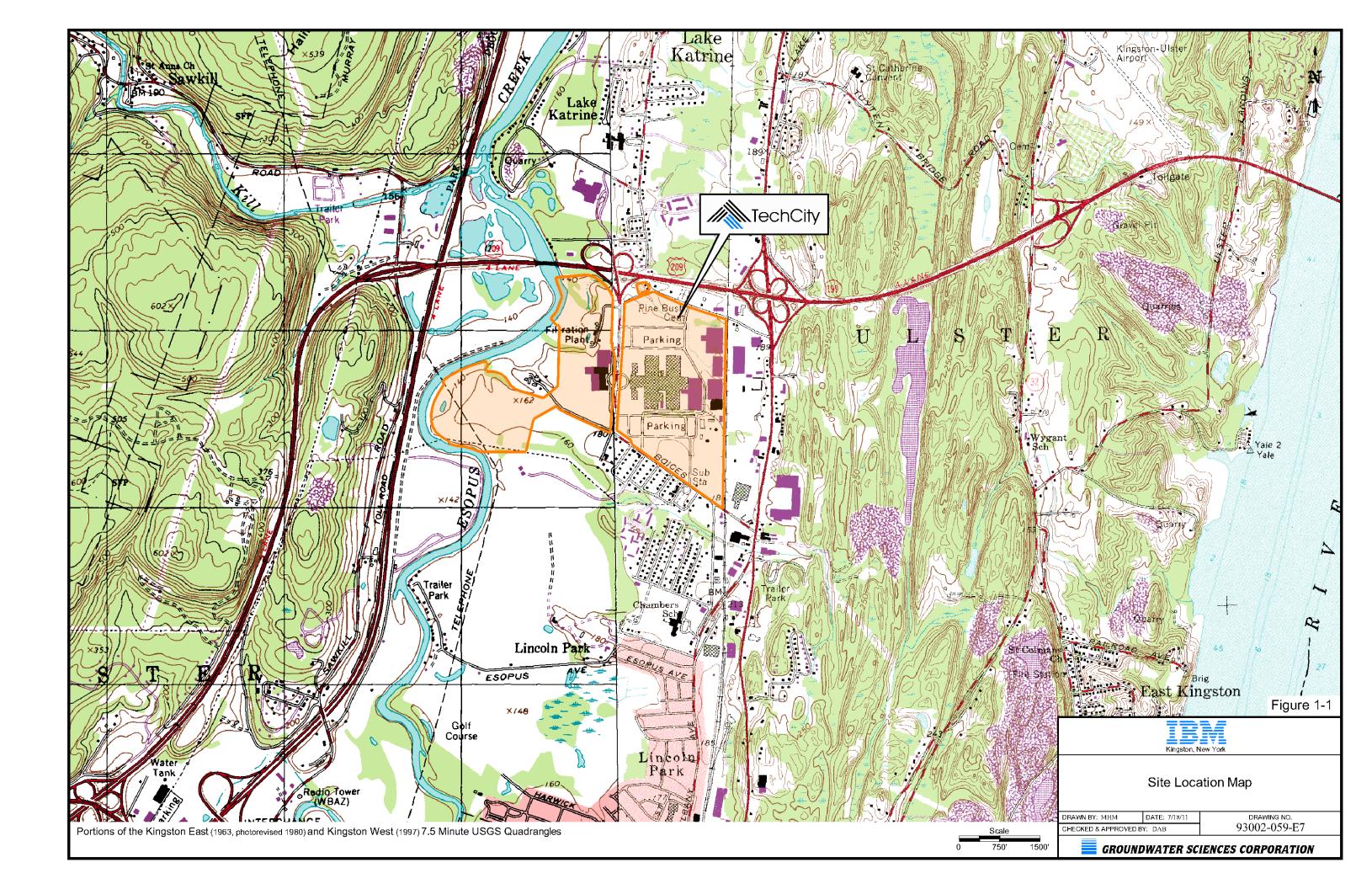
8.0 REFERENCES

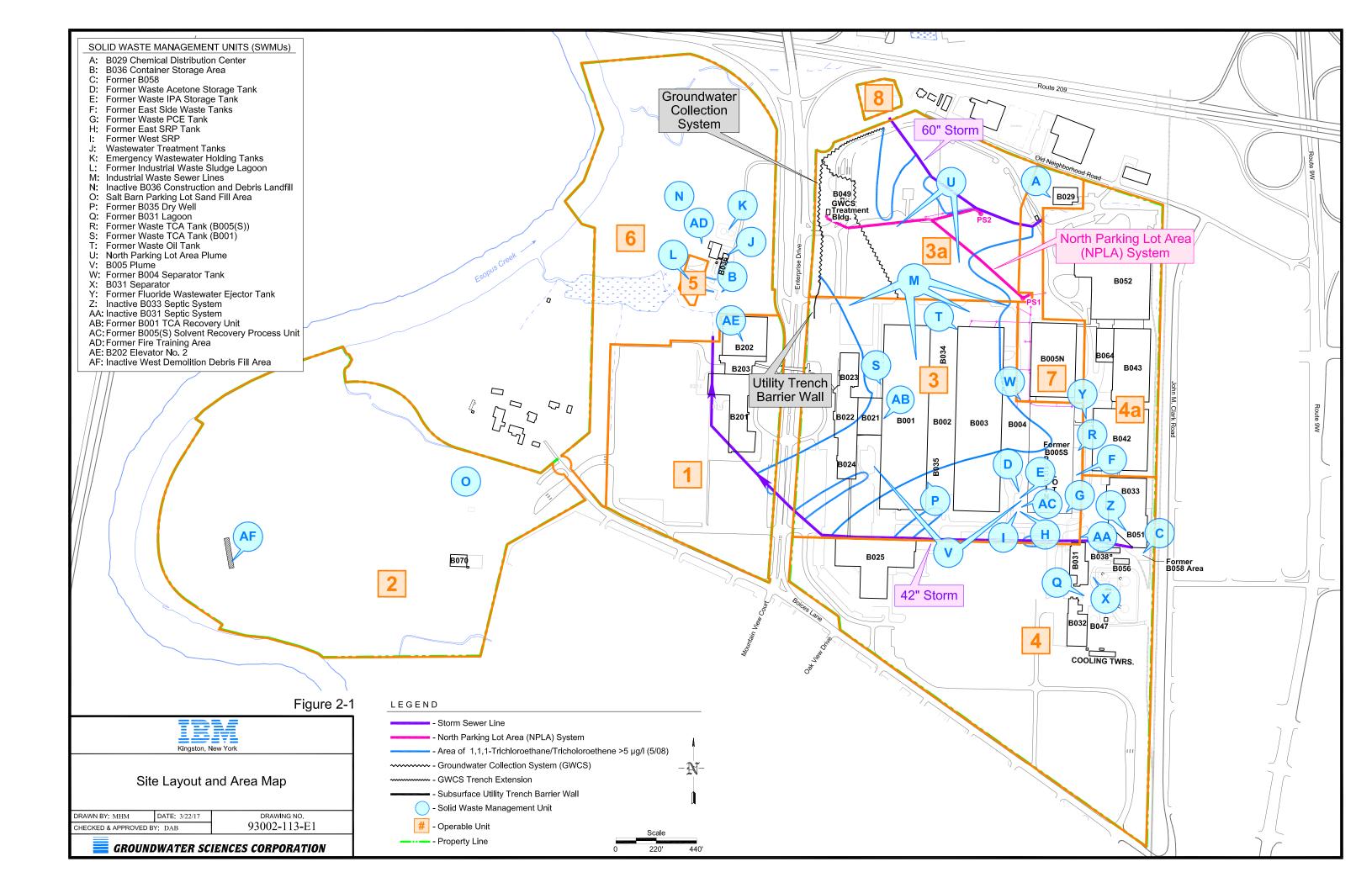
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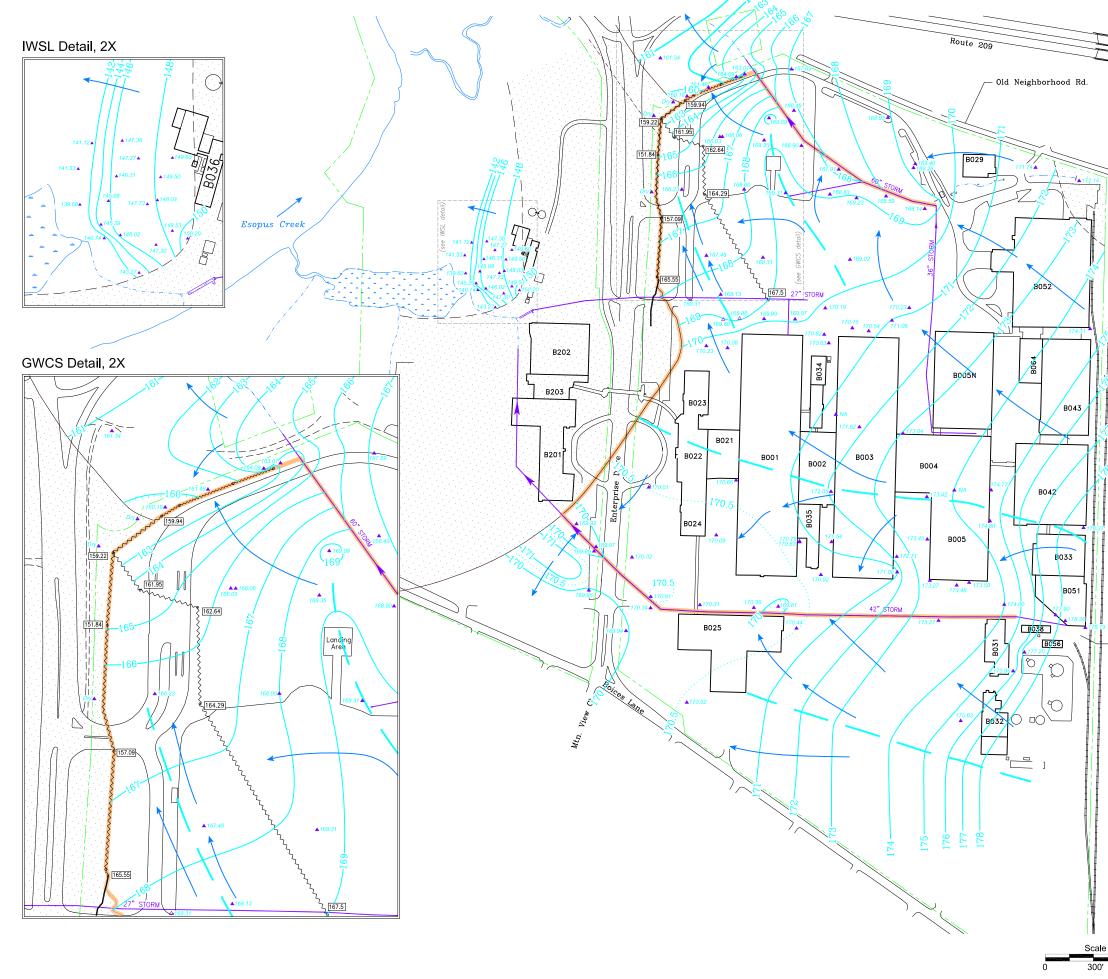
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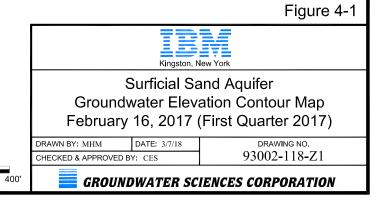




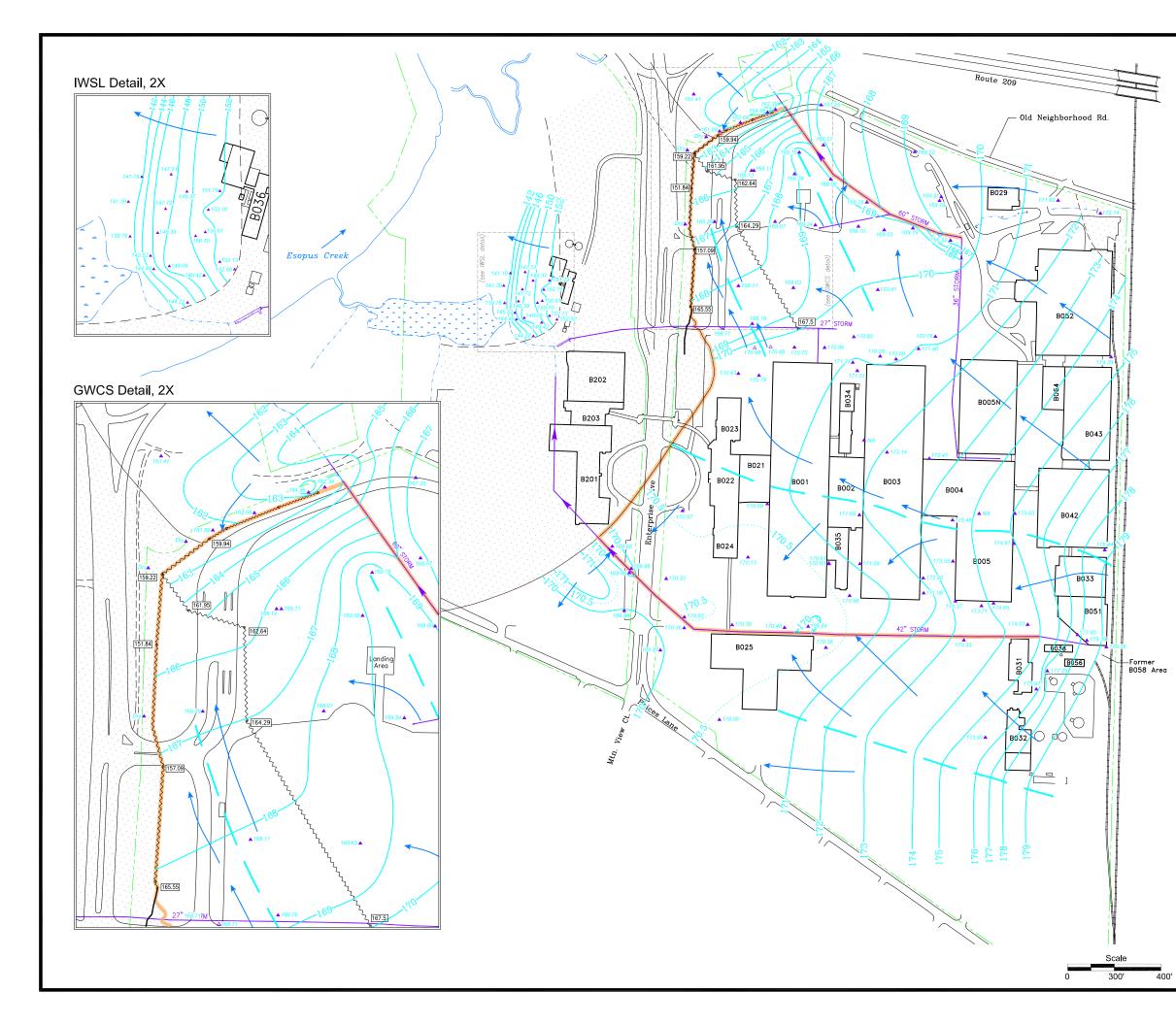


LEGEND Monitoring Well Location (installed in soil) A - Temporary Monitoring Point North Parking Lot Area Pump Station - Property Line - Site Control Perimeter - - Groundwater Elevation Contour - Supplemental Groundwater Elevation Contour 178.37 - Groundwater Elevation NA - Not Accessible - Groundwater Divide - Inferred Direction of Groundwater Flow ----- - GWCS Trench Extension 162.64 - GWCS Invert Elevation - Subsurface Utility Trench Barrier Wall Unsaturated Surficial Sand Unit (Perennially Saturated Shallow Sand Absent)

-N-

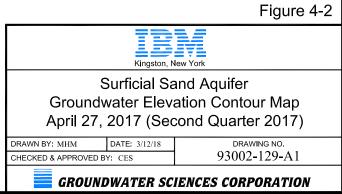


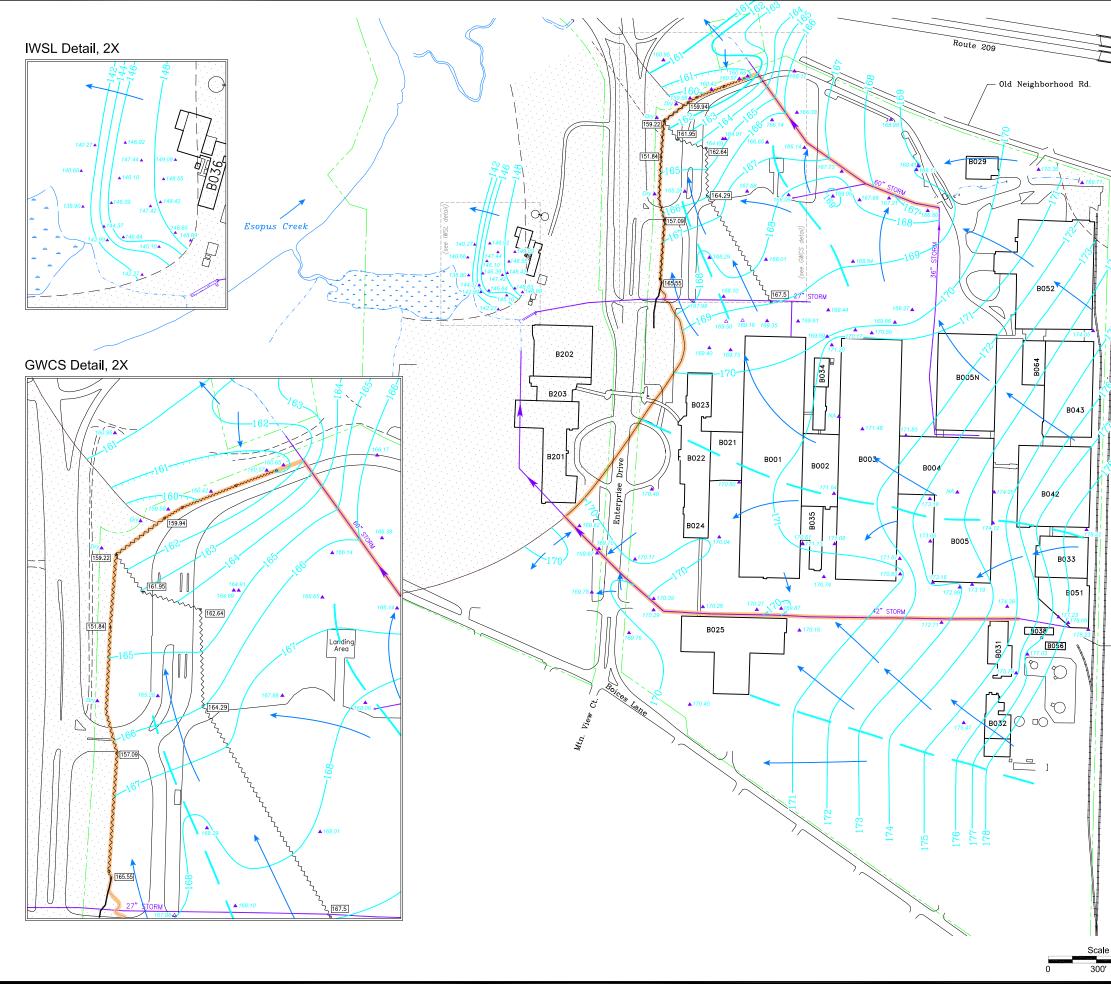
—Former B058 Area



LEGEND Monitoring Well Location (installed in soil) A - Temporary Monitoring Point North Parking Lot Area Pump Station - Property Line - Site Control Perimeter - - Groundwater Elevation Contour - Supplemental Groundwater Elevation Contour 178.44 - Groundwater Elevation NA - Not Accessible - Groundwater Divide - Inferred Direction of Groundwater Flow - GWCS Trench Extension 162.64 - GWCS Invert Elevation - Subsurface Utility Trench Barrier Wall Unsaturated Surficial Sand Unit (Perennially Saturated Shallow Sand Absent)

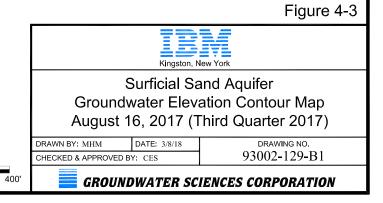
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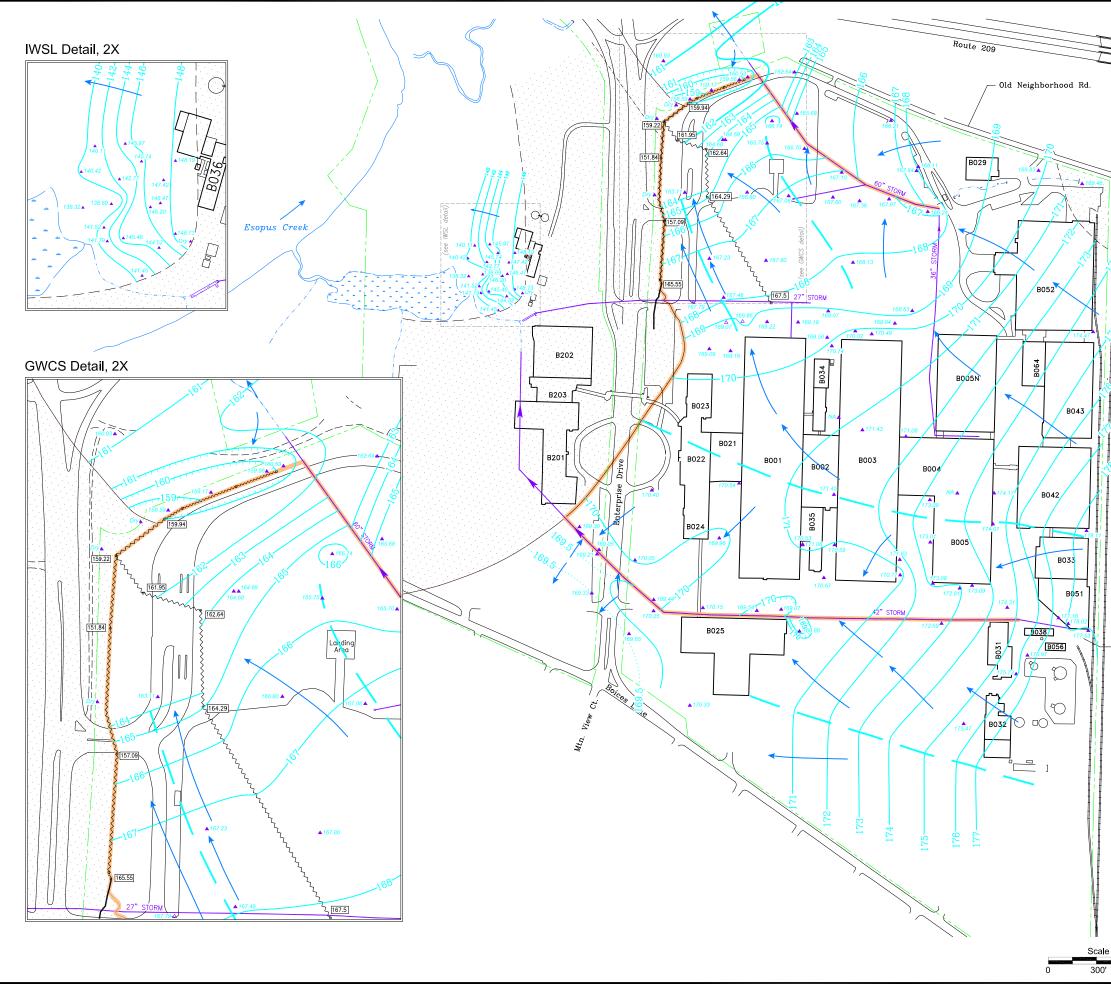


LEGEND Monitoring Well Location (installed in soil) A - Temporary Monitoring Point North Parking Lot Area Pump Station - Property Line - Site Control Perimeter - - Groundwater Elevation Contour - Supplemental Groundwater Elevation Contour 178.22 - Groundwater Elevation MA - Not Accessible - Groundwater Divide - Inferred Direction of Groundwater Flow ----- - GWCS Trench Extension 162.64 - GWCS Invert Elevation - Subsurface Utility Trench Barrier Wall Unsaturated Surficial Sand Unit (Perennially Saturated Shallow Sand Absent)

-N-

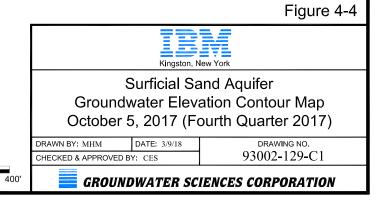


—Former B058 Area

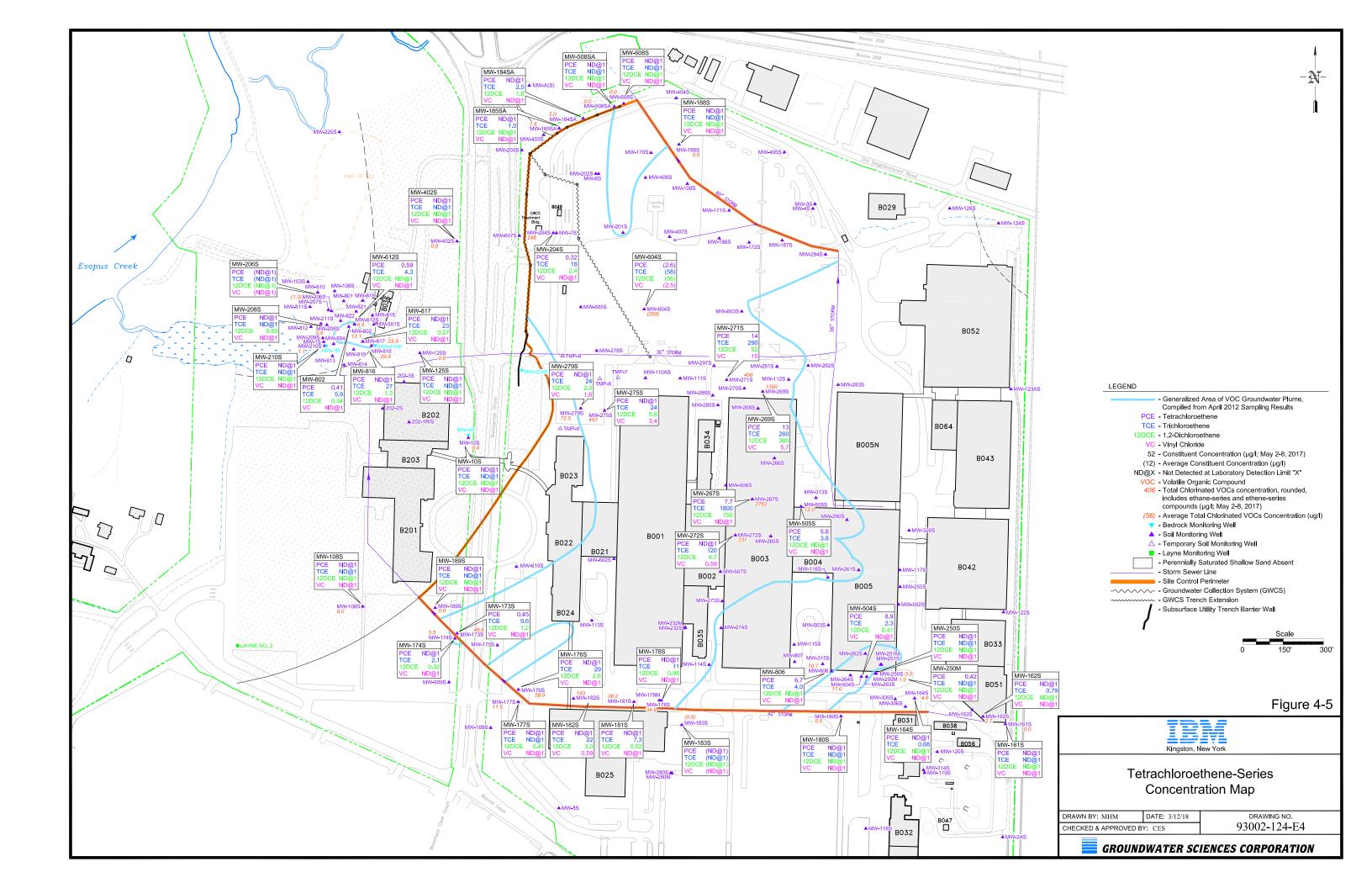


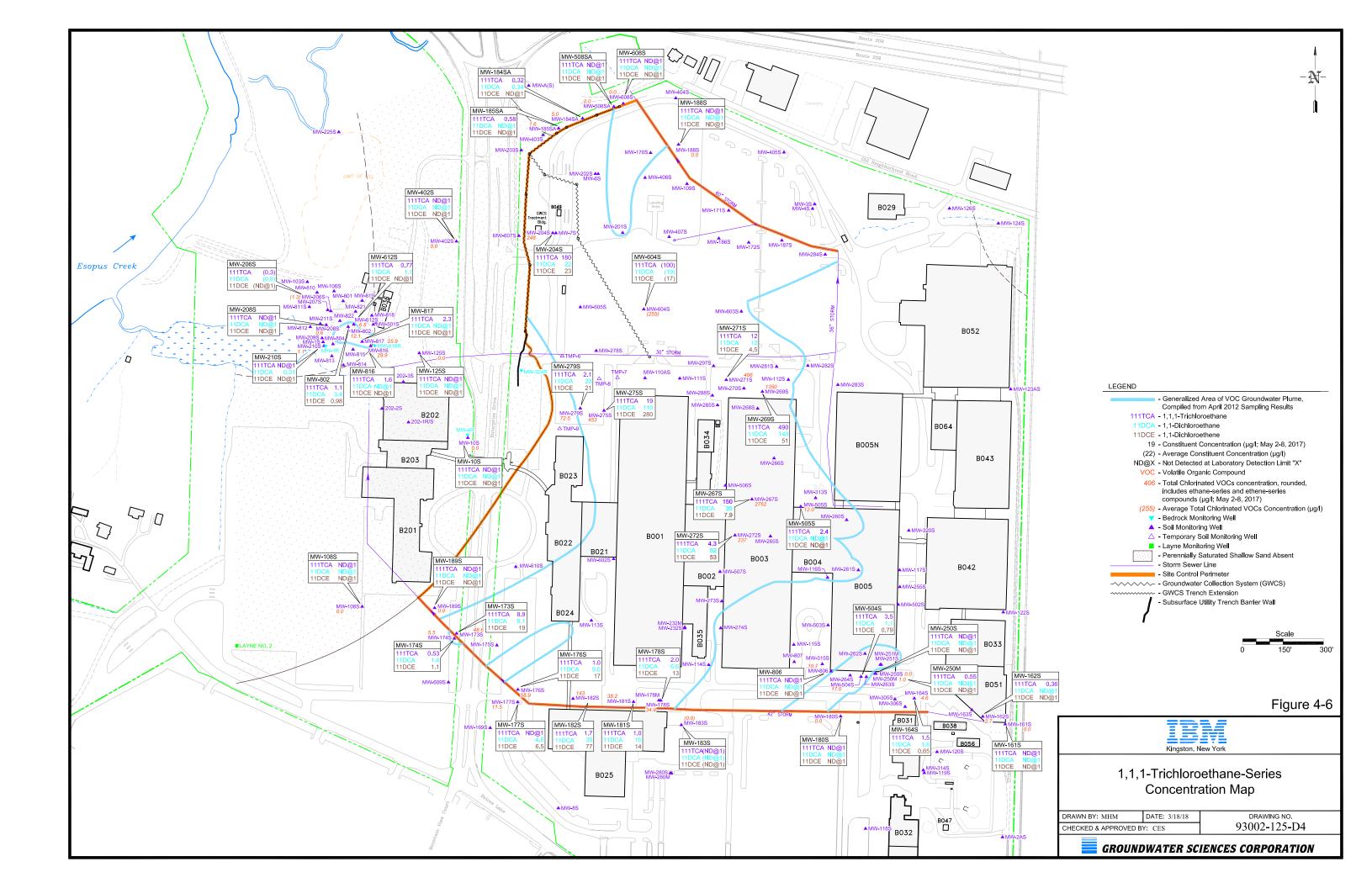
LEGEND Monitoring Well Location (installed in soil) A - Temporary Monitoring Point North Parking Lot Area Pump Station - Property Line - Site Control Perimeter - - Groundwater Elevation Contour - Supplemental Groundwater Elevation Contour 178.11 - Groundwater Elevation MA - Not Accessible - Groundwater Divide - Inferred Direction of Groundwater Flow - GWCS Trench Extension 162.64 - GWCS Invert Elevation - Subsurface Utility Trench Barrier Wall Unsaturated Surficial Sand Unit (Perennially Saturated Shallow Sand Absent)

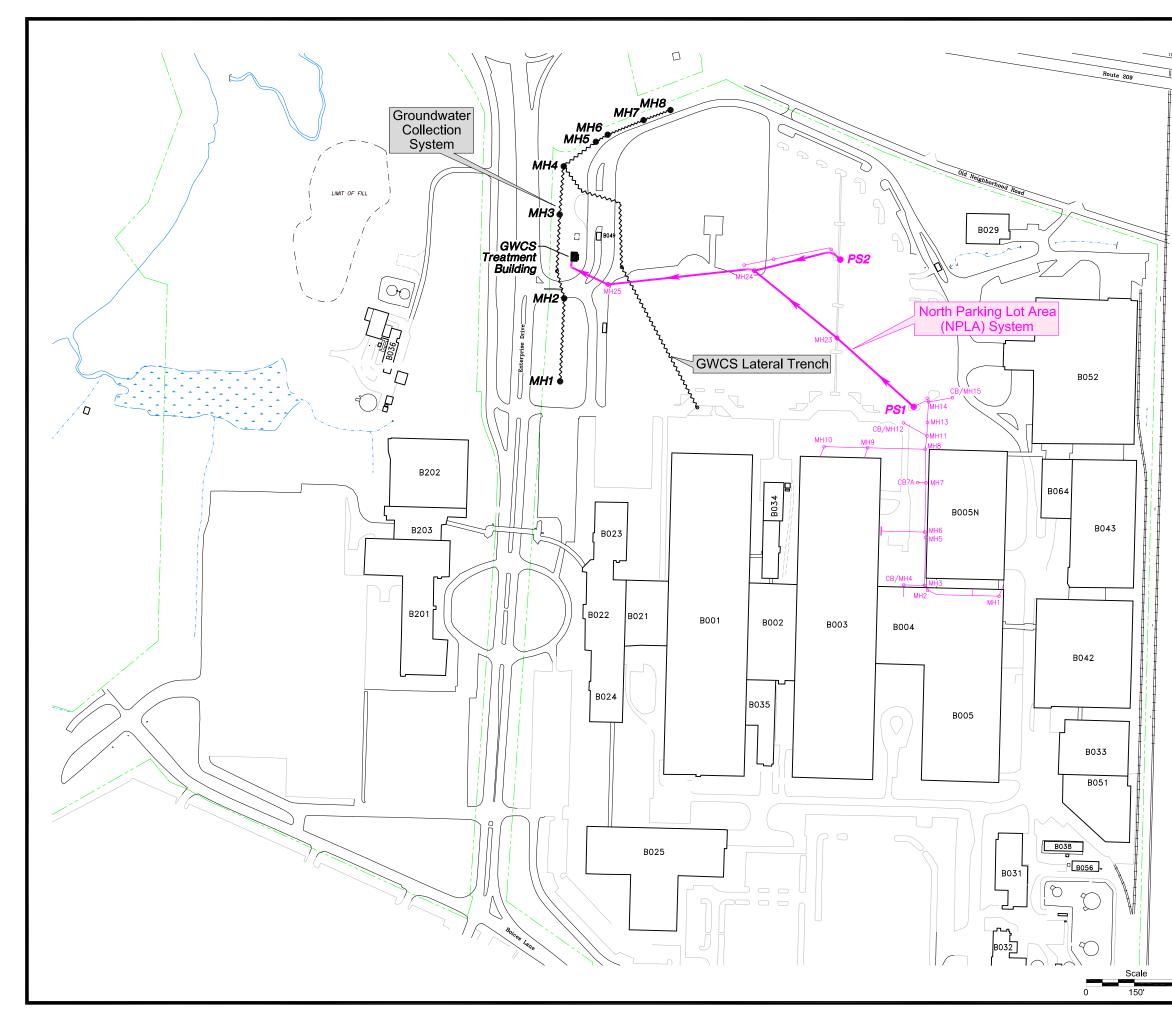
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—Former B058 Area









LEGEND
GWCS - Groundwater Collection System
MH - Manhole
PS - Pump Station
CS - Confined Space



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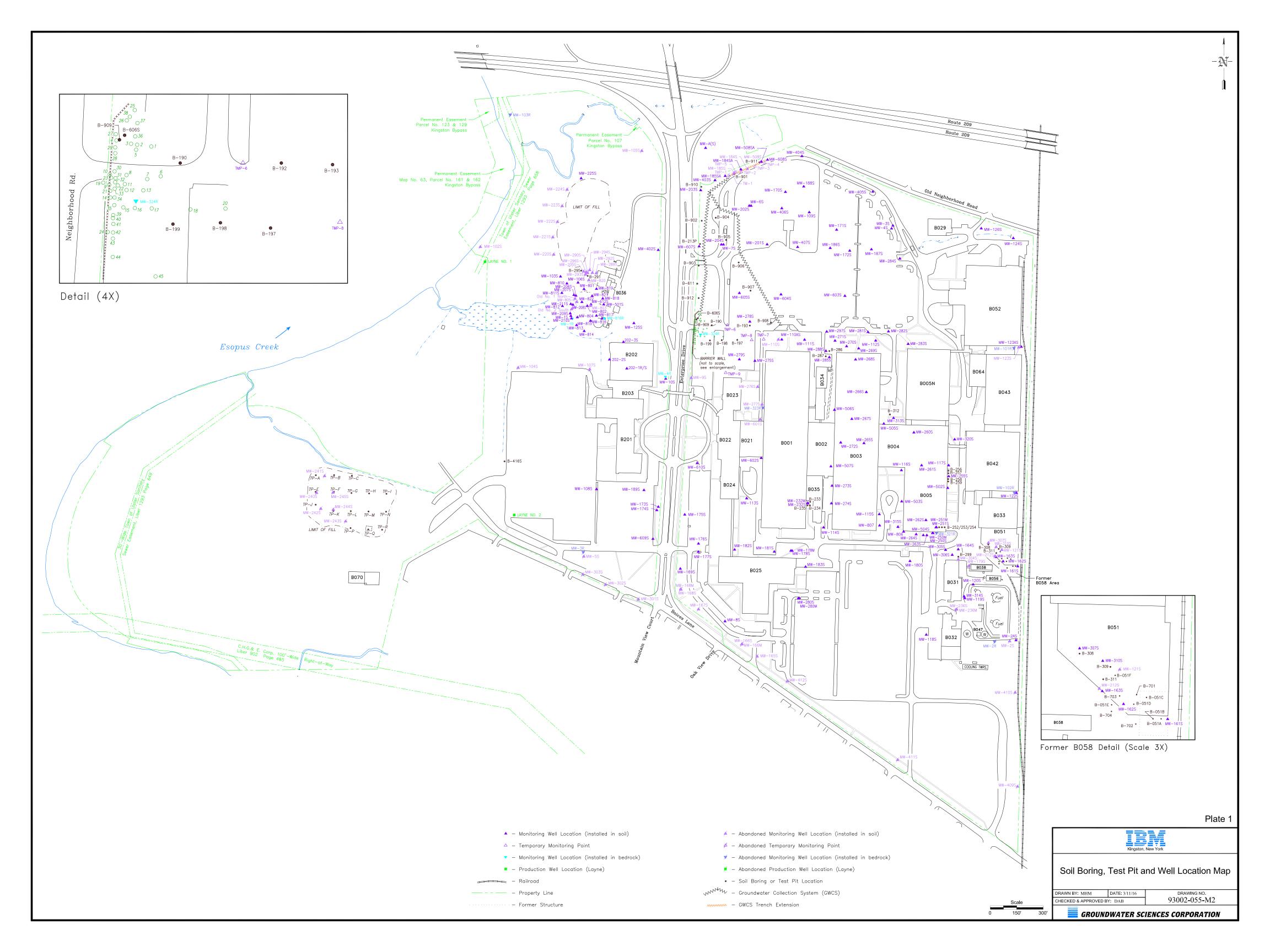


Groundwater Remediation System Location Map

DRAWN BY: M/J/MHM DATE: 3/23/17 CHECKED & APPROVED BY: MTL/DAB drawing no. 93002-089-E1

300'

GROUNDWATER SCIENCES CORPORATION



Appendix A

Groundwater and Field QA/QC Data Report

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-010-S GROUNDWATER 05/04/17 420120449-16 01	MW-108-S GROUNDWATER 05/03/17 420120303-16 01	MW-125-S GROUNDWATER 05/05/17 420120449-19 01
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES		-		
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS				
PH SPECIFIC CONDUCTANCE TEMPERATURE	pH umhos/cm C	7.36 681 11.7	7.53 468 13.6	7.16 588 9.5
METALS				
ARSENIC, DISSOLVED CADMIUM, DISSOLVED LEAD, DISSOLVED SILVER, DISSOLVED	mg/l mg/l mg/l mg/l	NA NA NA NA	NA NA NA	NA NA NA
VOLATILE ORGANICS				
<pre>1,1,1,2-TETRACHLOROETHANE 1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1-DICHLOROETHANE 1,2,3-TRICHLOROPROPANE 1,2-DICHLOROET1,2,2-TRIFLUOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHYLENE, TOTAL</pre>	ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1	ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1

MW-010-S

03/08/18

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-010-S GROUNDWATER 05/04/17 420120449-16 01	MW-108-S GROUNDWATER 05/03/17 420120303-16 01	MW-125-S GROUNDWATER 05/05/17 420120449-19 01
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
2-CHLOROTOLUENE	ug/l	NA	NA	NA
4 - CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@l	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@l	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@l	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA
TRANS-1, 3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA

MW-010-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-161-S GROUNDWATER 05/04/17 420120449-11 01	MW-162-S GROUNDWATER 05/04/17 420120449-12 01	MW-164-S GROUNDWATER 05/04/17 420120449-10 01
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS				
PH SPECIFIC CONDUCTANCE TEMPERATURE	pH umhos/cm C	6.45 2604 13.1	6.82 2011 10.3	6.57 2321 10.4
METALS				
ARSENIC, DISSOLVED CADMIUM, DISSOLVED LEAD, DISSOLVED SILVER, DISSOLVED	mg/l mg/l mg/l mg/l	NA NA NA	NA NA NA	NA NA NA
VOLATILE ORGANICS				
<pre>1,1,1,2-TETRACHLOROETHANE 1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2,3-TRICHLOROPROPANE 1,2-DICHLOROET1,2,2-TRIFLUOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHYLENE, TOTAL</pre>	ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	ND@1 0.36J ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	ND@1 1.5 ND@1 ND@1 1.8 0.65J ND@1 ND@1 ND@1 ND@1

MW-161-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-161-S GROUNDWATER 05/04/17 420120449-11 01	MW-162-S GROUNDWATER 05/04/17 420120449-12 01	MW-164-S GROUNDWATER 05/04/17 420120449-10 01
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
2-CHLOROTOLUENE	ug/l	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
BROMOFORM	ug/1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	1.2	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@l	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	0.34J	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA
TRANS-1, 3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	0.79J	0.68J
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA

MW-161-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-173-S GROUNDWATER 05/03/17 420120303-17 01	MW-174-S GROUNDWATER 05/03/17 420120303-18 01	MW-176-S GROUNDWATER 05/03/17 420120303-19 01
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROBTHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS				
PH SPECIFIC CONDUCTANCE TEMPERATURE	pH umhos/cm C	6.97 1143 12.5	7.27 573 10.0	6.80 1298 13.0
METALS				
ARSENIC, DISSOLVED CADMIUM, DISSOLVED LEAD, DISSOLVED SILVER, DISSOLVED	mg/l mg/l mg/l mg/l	NA NA NA	NA NA NA	NA NA NA
VOLATILE ORGANICS				
<pre>1,1,1,2-TETRACHLOROETHANE 1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE 1,1,2-TRICHLOROE1,2,2-TRIFLUOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHALENE 1,2,3-TRICHLOROPROPANE 1,2-DICHLOROE1,2,2-TRIFLUOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHYLENE, TOTAL</pre>	ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1	ND@1 8.9 ND@1 0.30J 8.1 19 ND@1 ND@1 0.80J 1.2	ND@1 0.53J ND@1 ND@1 1.4 1.1 ND@1 ND@1 0.32J	ND@1 1.0 ND@1 ND@1 9.0 17 ND@1 ND@1 0.33J 2.6

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MW-173-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-173-S GROUNDWATER 05/03/17 420120303-17 01	MW-174-S GROUNDWATER 05/03/17 420120303-18 01	MW-176-S GROUNDWATER 05/03/17 420120303-19 01
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
2-CHLOROTOLUENE	ug/l	NA	NA	NA
4 - CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	0.21J	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	0.45J	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA
TRANS-1, 3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	9.6	2.1	29
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA

MW-173-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-177-S GROUNDWATER 05/03/17 420120324-2 01	MW-178-S GROUNDWATER 05/03/17 420120324-3 01	MW-180-S GROUNDWATER 05/04/17 420120449-5 01
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS				
PH SPECIFIC CONDUCTANCE TEMPERATURE	pH umhos/cm C	7.35 1124 11.9	5.99 471 11.5	6.81 1154 10.5
METALS				
ARSENIC, DISSOLVED CADMIUM, DISSOLVED LEAD, DISSOLVED SILVER, DISSOLVED	mg/l mg/l mg/l mg/l	NA NA NA	NA NA NA	NA NA NA
VOLATILE ORGANICS				
<pre>1,1,1,2-TETRACHLOROETHANE 1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2,3-TRICHLOROPROPANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHYLENE, TOTAL</pre>	ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1	ND@1 ND@1 ND@1 ND@1 4.6 6.5 ND@1 ND@1 ND@1 0.41J	ND@1 2.0 ND@1 ND@1 ND@1 6.6 13 ND@1 ND@1 ND@1 0.98J	ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-177-S GROUNDWATER 05/03/17 420120324-2 01	MW-178-S GROUNDWATER 05/03/17 420120324-3 01	MW-180-S GROUNDWATER 05/04/17 420120449-5 01
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
2-CHLOROTOLUENE	ug/l	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	1.3	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA
TRANS-1, 3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	11	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA

MW-177-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-181-S GROUNDWATER 05/03/17 420120324-4 01	MW-182-S GROUNDWATER 05/04/17 420120449-4 01	MW-183-S GROUNDWATER 05/04/17 420120449-2 01	MW-183-S DUPLICATE 05/04/17 420120449-3 01
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/1 ug/1 ug/1 ug/1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS					
PH SPECIFIC CONDUCTANCE TEMPERATURE	pH umhos/cm C	6.86 678 12.6	6.57 507 10.8	6.01 278 12.5	6.01 278 12.5
METALS					
ARSENIC, DISSOLVED CADMIUM, DISSOLVED LEAD, DISSOLVED SILVER, DISSOLVED	mg/l mg/l mg/l mg/l	NA NA NA	NA NA NA	NA NA NA	NA NA NA
VOLATILE ORGANICS					
<pre>1,1,1,2-TETRACHLOROETHANE 1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1-DICHLOROETHANE 1,2,3-TRICHLOROPROPANE 1,2-DICHLOROETHYLENE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHYLENE, TOTAL</pre>	ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	ND@1 1.0J ND@1 0.33J ND@1 15 14 ND@1 ND@1 ND@1 0.52J	ND@1 1.7 ND@1 0.86J 0.31J 35 77D ND@1 0.90J 0.63J 3.0	ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1

5 - 1

MW-181-S

PARAMETER UNTS VOLATILE ORGANICS (Continued) 1,2-DICHLORGANIES ug/1 ND ND ND ND 2-CHLORGOTOLUENS ug/1 ND ND ND ND ND BENKENS ug/1 ND ND ND ND ND ND BENKENS ug/1 ND	SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-181-S GROUNDWATER 05/03/17 420120324-4 01	MW-182-S GROUNDWATER 05/04/17 420120449-4 01	MW-183-S GROUNDWATER 05/04/17 420120449-2 01	MW-183-S DUPLICATE 05/04/17 420120449-3 01
1,2-DICHLOROPEOPANEug/lNDe1NDe1NDe1NDe12-CHLOROTOLUENEug/lNANANANA4-CHLOROTOLUENEug/lNDe1NDe1NDe1NDe1BENZENEug/lNANANANABROMODICUENENEug/lNDe1NDe1NDe1NDe1BROMODICUENENEug/lNDe1NDe1NDe1NDe1BROMODICUENCONETTANEug/lNDe1NDe1NDe1NDe1BROMOTORMug/lNDe1NDe1NDe1NDe1NDe1BROMOTORMug/lNDe1NDe1NDe1NDe1NDe1BROMOTERANEug/lNDe1NDe1NDe1NDe1NDe1BROMOTERANEug/lNDe1NDe1NDe1NDe1NDe1CHLOROBENZENEug/lNDe1NDe1NDe1NDe1NDe1CHLOROBENZENEug/lNDe1NDe1NDe1NDe1NDe1CHLOROBENZENEug/lNDe1NDe1NDe1NDe1NDe1CHLOROBENZENEug/lNDe1NDe1NDe1NDe1NDe1CHLOROBENTANEug/lNDe1NDe1NDe1NDe1NDe1CHLOROBENTANEug/lNDe1NDe1NDe1NDe1NDe1CHLOROBENTANEug/lNDe1NDe1NDe1NDe1NDe1CHLOROBENTANEug/lNDe1NDe1NDe1NDe1NDe1CHLOROBENTANEug/lNDe1NDe1NDe1	PARAMETER	UNITS				
2-CHLOROTOLUENEug/lNANANA4-CHLOROTOLUENEug/lNDe1NDe1NDe1NDe1BENZENEug/lNANANANABROMOSENZENEug/lNDe1NDe1NDe1NDe1BROMOSENZENEug/lNDe1NDe1NDe1NDe1BROMOSENZENEug/lNDe1NDe1NDe1NDe1BROMOSENZENEug/lNDe1NDe1NDe1NDe1BROMOSENTHANEug/lNDe1NDe1NDe1NDe1CHLOROBENTHANEug/lNDe1NDe1NDe1NDe1CHLOROBENTHANEug/lNDe1NDe1NDe1NDe1CHLOROBENTHANEug/lNDe1NDe1NDe1NDe1CHLOROBENTHANEug/lNDe1NDe1NDe1NDe1CHLOROBENTHANEug/lNDe1NDe1NDe1NDe1CHLOROBENTHANEug/lNDe1NDe1NDe1NDe1CHLOROBENTHANEug/lNDe1NDe1NDe1NDe1CHLOROBENTHANEug/lNDe1NDe1NDe1NDe1CHLOROBENTHANEug/lNDe1NDe1NDe1NDe1CHLOROBENTHANEug/lNDe1NDe1NDe1NDe1CHLOROBENTHANEug/lNDe1NDe1NDe1NDe1CHLOROBENTHANEug/lNDe1NDe1NDe1NDe1CHLOROBENTHANEug/lNDe1NDe1NDe1NDe1CHLOROBENTHANEug/l <t< td=""><td>VOLATILE ORGANICS (Continued)</td><td></td><td></td><td></td><td></td><td></td></t<>	VOLATILE ORGANICS (Continued)					
4-CHLOROTOLUENEug/lNDe1NDe1NDe1NDe1BENDMOERVEENEug/lNANANANABROMOERVEENEug/lNDe1NDe1NDe1NDe1BROMOENZENEug/lNDe1NDe1NDe1NDe1BROMOPICHLOROMETHANEug/lNDe1NDe1NDe1NDe1BROMOPICHLOROMETHANEug/lNDe1NDe1NDe1NDe1BROMOMETHANEug/lNDe1NDe1NDe1NDe1CHLOROMETHANEug/lNDe1NDe1NDe1NDe1CHLOROMETHANEug/lNDe1NDe1NDe1NDe1CHLOROMETHANEug/lNDe1NDe1NDe1NDe1CHLOROMETHANEug/lNDe1NDe1NDe1NDe1CHLOROFIRANEug/lNDe1NDe1NDe1NDe1CHLOROFIRANEug/lNDe1NDe1NDe1NDe1CHLOROFITANEug/lNDe1NDe1NDe1NDe1CHLOROFITANEug/lNDe1NDe1NDe1NDe1DIGHLOROMETHANEug/lNDe1NDe1NDe1NDe1DIGHLOROMETHANEug/lNDe1NDe1NDe1NDe1DIGHLOROMETHANEug/lNDe1NDe1NDe1NDe1DIGHLOROMETHANEug/lNDe1NDe1NDe1NDe1DIGHLOROMETHANEug/lNDe1NDe1NDe1NDe1DIGHLOROMETHANEug/lNDe1NDe1NDe1NDe1DI	1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENEug/lNANANABROMODENZENEug/lND@1ND@1ND@1ND@1BROMODICHLOROMETHANEug/lND@1ND@1ND@1BROMOPCAMug/lND@1ND@1ND@1ND@1BROMOPETHANEug/lND@1ND@1ND@1ND@1CARBON TETRACHLORIDEug/lND@1ND@1ND@1ND@1CHLOROBENZENEug/lND@1ND@1ND@1ND@1CHLORODETHANEug/lND@1ND@1ND@1ND@1CHLORODETHANEug/lND@1ND@1ND@1ND@1CHLOROMETHANEug/lND@1ND@1ND@1ND@1CHLORODERCENEug/lND@1ND@1ND@1ND@1CHLOROMETHANEug/lND@1ND@1ND@1ND@1CHLOROMETHANEug/lND@1ND@1ND@1ND@1DIBROMOMETHANEug/lND@1ND@1ND@1ND@1DIBROMOMETHANEug/lND@1ND@1ND@1ND@1DIGHLORODETHANEug/lND@1ND@1ND@1ND@1DIGHLORODETHANEug/lND@1ND@1ND@1ND@1DIGHLORODETHANEug/lND@1ND@1ND@1ND@1DIGHLORODETHANEug/lND@1ND@1ND@1ND@1DIGHLORODETHANEug/lND@1ND@1ND@1ND@1TETRACHLOROETHYLENEug/lND@1ND@1ND@1ND@1TRANS-1,3-DICHLOROPOPENE </td <td>2-CHLOROTOLUENE</td> <td>ug/l</td> <td>NA</td> <td>NA</td> <td>NA</td> <td>NA</td>	2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
BROMOBENZENEug/lNDelNDelNDelNDelBROMODICHLORMETHANEug/lNDelNDelNDelNDelNDelBROMOTORMug/lNDelNDelNDelNDelNDelBROMOTORMug/lNDelNDelNDelNDelNDelBROMOTORMug/lNDelNDelNDelNDelNDelCARBON TETRACHLORIDEug/lNDelNDelNDelNDelNDelCHLOROBENZENEug/lNDelNDelNDelNDelNDelCHLOROBENZENEug/lNDelNDelNDelNDelNDelCHLOROFTHANEug/lNDelNDelNDelNDelNDelCHLOROFTHANEug/lNDelNDelNDelNDelNDelCHLOROFTHANEug/lNDelNDelNDelNDelNDelCHLOROFTHANEug/lNDelNDelNDelNDelNDelCHLOROFTHANEug/lNDelNDelNDelNDelNDelDICHLOROPOYLENEug/lNDelNDelNDelNDelNDelDICHLORONETHANEug/lNDelNDelNDelNDelNDelDICHLOROFTHANEug/lNDelNDelNDelNDelNDelDICHLOROFTHANEug/lNDelNDelNDelNDelNDelDICHLOROFTHANEug/lNDelNDelNDelNDelNDelDICHLOROFTHANEug/lNDelNDelNDelNDel	4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE ug/l NDe1 NDe1 NDe1 BROMOFORM ug/l NDe1 NDe1 NDe1 BROMOFORM ug/l NDe1 NDe1 NDe1 BROMOFORM ug/l NDe1 NDe1 NDe1 CAREON TETRACHLORIDE ug/l NDe1 NDe1 NDe1 CHLOROBENZENE ug/l NDe1 NDe1 NDe1 CHLOROBENAME ug/l NDe1 NDe1 NDe1 CHLOROMETHANE ug/l NDe1 NDe1 NDe1 NDe1 CHLOROMETHANE ug/l NDe1 NDe1 NDe1 NDe1 DIEROMOMETHANE ug/l NDe1 NDe1 NDe1 NDe1 DIEROMOMETHANE	BENZENE	ug/l	NA	NA	NA	NA
BEOMOFORMug/lND@lND@lND@lND@lBROMOMETHANEug/lND@lND@lND@lND@lCARBON TETRACHLORIDEug/lND@lND@lND@lND@lCHLOROBENZENEug/lND@lND@lND@lND@lCHLOROITHANEug/lND@lND@lND@lND@lCHLOROTHANEug/lND@lND@lND@lND@lCHLOROTHANEug/lND@lND@lND@lND@lCHLOROTHANEug/lND@lND@lND@lND@lCHLOROFORMug/lND@lND@lND@lND@lCHLOROFOROPYLENEug/lND@lND@lND@lND@lDIEROMOMETHANEug/lND@lND@lND@lND@lCIS-1, 3-DICHLOROFOROPYLENEug/lND@lND@lND@lND@lDIEROMOMETHANEug/lND@lND@lND@lND@lND@lDIEROMOMETHANEug/lND@lND@lND@lND@lND@lDIEROMOMETHANEug/lND@lND@lND@lND@lND@lDIELOROTIFLUOROMETHANEug/lND@lNDNDND@lND@lTOLUENEug/lND@lNDNDNDNDNDTOLUENEug/lNDNDNDNDNDNDTOLUENEug/lNDNDNDNDNDNDTRANS-1,3-DICHLOROPROPENEug/lNDNDNDNDND <td< td=""><td>BROMOBENZENE</td><td>ug/l</td><td>ND@1</td><td>ND@1</td><td>ND@1</td><td>ND@1</td></td<>	BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANEug/lNDe1NDe1NDe1CARGON TETRACHLORIDEug/lNDe1NDe1NDe1NDe1CHLOROENZENEug/lNDe1NDe1NDe1NDe1CHLOROENZENEug/lNDe1NDe1NDe1NDe1CHLOROENZENEug/lNDe1NDe1NDe1NDe1CHLOROENZENEug/lNDe1NDe1NDe1NDe1CHLOROETHANEug/lNDe1NDe1NDe1NDe1CHLOROFORMug/lNDe10.21JNDe1NDe1CHLOROMETHANEug/lNDe1NDe1NDe1NDe1CIS-1,3-DICHLOROPROPYLENEug/lNDe1NDe1NDe1NDe1DIEROMOMETHANEug/lNDe1NDe1NDe1NDe1DIEROMOMETHANEug/lNDe1NDe1NDe1NDe1DIEROMOMETHANEug/lNDe1NDe1NDe1NDe1DIEROMOMETHANEug/lNDe1NDe1NDe1NDe1DIEROMOMETHANEug/lNDe1NDe1NDe1NDe1DIEROMOMETHANEug/lNDe1NDe1NDe1NDe1DIEROMOMETHANEug/lNDe1NDe1NDe1NDe1DIEROMOMETHANEug/lNDe1NDe1NDe1NDe1DIEROMOMETHANEug/lNDe1NDe1NDe1NDe1DIEROMOMETHANEug/lNDe1NDe1NDe1NDe1DIELOLOROENTUENEug/lNDe1NDe1NDe1NDe1TOL	BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDEug/lNDe1NDe1NDe1CHAROBENZENEug/lNDe1NDe1NDe1NDe1CHLOROBENZENEug/lNDe1NDe1NDe1NDe1CHLORODIEROMOMETHANEug/lNDe1NDe1NDe1NDe1CHLOROTHANEug/lNDe1NDe1NDe1NDe1CHLOROTHANEug/lNDe1NDe1NDe1NDe1CHLOROFTHANEug/lNDe1NDe1NDe1NDe1CHLOROFTHANEug/lNDe1NDe1NDe1NDe1CIS-1, 3-DICHLOROPROPYLENEug/lNDe1NDe1NDe1NDe1DIEROMOMETHANEug/lNDe1NDe1NDe1NDe1DIEROMOMETHANEug/lNDe1NDe1NDe1NDe1DIEROMOMETHANEug/lNDe1NDe1NDe1NDe1DIEROMOMETHANEug/lNDe1NDe1NDe1NDe1DIEROMOMETHANEug/lNDe1NDe1NDe1NDe1DIEROMOMETHANEug/lNDe1NDe1NDe1NDe1TOLUENEug/lNDe1NDe1NDe1NDe1NDe1TRACHLOROETHYLENEug/lNDe1NDe1NDe1NDe1NDe1TRICHLOROFOPENEug/lNDe1NDe1NDe1NDe1NDe1TRICHLOROFTHYLENEug/lNDe1NDe1NDe1NDe1NDe1TRICHLOROFLOROMETHANEug/lNDe1NDe1NDe1NDe1TRICHLOROFLOROMETHANEug/	BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE ug/l ND@l ND@l ND@l CHLOROD IRROMOMETHANE ug/l ND@l ND@l ND@l CHLOROD IRROMOMETHANE ug/l ND@l ND@l ND@l CHLOROD IRROMOMETHANE ug/l ND@l ND@l ND@l CHLOROFORM ug/l ND@l ND@l ND@l CHLOROFORM ug/l ND@l ND@l ND@l CHLOROPORMETHANE ug/l ND@l ND@l ND@l CHLOROPORMETHANE ug/l ND@l ND@l ND@l CHLOROPORDETHANE ug/l ND@l ND@l ND@l CHLOROPORDETHANE ug/l ND@l ND@l ND@l DICHLOROPORDETHANE ug/l ND@l ND@l ND@l DICHLOROPORMETHANE ug/l ND@l ND@l ND@l DICHLOROPORMETHANE ug/l ND@l ND@l ND@l DICHLOROPORMETHANE ug/l ND@l ND@l ND@l DICHLOROPORTHANE ug/l <td>BROMOMETHANE</td> <td>ug/l</td> <td>ND@1</td> <td>ND@1</td> <td>ND@1</td> <td>ND@1</td>	BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANEug/lND@1ND@1ND@1CHLORODETHANEug/lND@1ND@1ND@1ND@1CHLOROFORMug/lND@1ND@1ND@1ND@1CHLOROMETHANEug/lND@1ND@1ND@1ND@1CTS-1, 3-DICHLOROPROPYLENEug/lND@1ND@1ND@1ND@1DIEROMOMETHANEug/lND@1ND@1ND@1ND@1DICHLORODTFULOROMETHANEug/lND@1ND@1ND@1ND@1DICHLORODTFULOROMETHANEug/lND@1ND@1ND@1ND@1DICHLORODTFULOROMETHANEug/lND@1ND@1ND@1ND@1DICHLOROTFHANEug/lND@1ND@1ND@1ND@1DICHLOROTFHYLENEug/lNDND@1ND@1ND@1TTRACHLOROTHYLENEug/lND@1ND@1ND@1ND@1TRANS-1, 3-DICHLOROPROPENEug/lND@1ND@1ND@1ND@1TRICHLOROFTHYLENEug/lND@1ND@1ND@1ND@1TRICHLOROFTHYLENEug/lND@1ND@1ND@1ND@1TRICHLOROFTHANEug/lND@1ND@1ND@1ND@1TRICHLOROFTHANEug/lND@1ND@1ND@1ND@1VINUL CHLORIDEug/lND@1ND@1ND@1ND@1VINUL CHLORIDEug/lND@1ND@1ND@1ND@1	CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANEug/lND@lND@lND@lND@lCHLOROFORMug/lND@l0.21JND@lND@lCHLOROMETHANEug/lND@lND@lND@lND@lCTS-1,3-DICHLOROPROPYLENEug/lND@lND@lND@lND@lDIBROMOMETHANEug/lND@lND@lND@lND@lDICHLORODIFLUOROMETHANEug/lND@lND@lND@lND@lDICHLORODIFLUOROMETHANEug/lND@lND@lND@lND@lDICHLORODIFLUOROMETHANEug/lND@lND@lND@lND@lDICHLORODIFLUOROMETHANEug/lND@lND@lND@lND@lDICHLORODIFLUOROMETHANEug/lND@lND@lND@lND@lDICHLORODIFLUOROMETHANEug/lND@lND@lND@lND@lTRTRACHLOROETHYLENEug/lND@lND@lND@lND@lTRLOHOROFROPENEug/lND@lND@lND@lND@lTRICHLOROETHYLENEug/lND@lND@lND@lND@lTRICHLOROETHYLENEug/lND@lND@lND@lND@lTRICHLOROETHANEug/lND@lND@lND@lND@lTRICHLOROETHANEug/lND@lND@lND@lND@lVINYL CHLORIDEug/lND@lND@lND@lND@l	CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORMug/lND@lND@lND@lCHLOROMETHANEug/lND@lND@lND@lND@lCIS-1,3-DICHLOROPROPYLENEug/lND@lND@lND@lND@lDIBROMOMETHANEug/lND@lND@lND@lND@lND@lDICHLORODIFTHANEug/lND@lND@lND@lND@lND@lDICHLORODIFTHANEug/lND@lND@lND@lND@lND@lDICHLORODIFTHANEug/lND@lND@lND@lND@lND@lDICHLORODIFTHANEug/lND@lND@lND@lND@lND@lDICHLORODIFTHANEug/lND@lND@lND@lND@lND@lDICHLORODIFTHANEug/lND@lND@lND@lND@lND@lTETRACHLOROETHYLENEug/lND@lND@lND@lND@lND@lTRICHLOROFTHYLENEug/lND@lND@lND@lND@lND@lTRICHLOROFTHYLENEug/lND@lND@lND@lND@lND@lTRICHLOROFTHYLENEug/lND@lND@lND@lND@lND@lTRICHLOROFTHYLENEug/lND@lND@lND@lND@lND@lVINYL CHLORIDEug/lND@lND@lND@lND@lND@l	CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANEug/lND@1ND@1ND@1ND@1CIS-1, 3-DICHLOROPROPYLENEug/lND@1ND@1ND@1ND@1DIRGOMOMETHANEug/lND@1ND@1ND@1ND@1DICHLORODIFLUOROMETHANEug/lND@1ND@1ND@1ND@1DICHLORODIFLUOROMETHANEug/lND@1ND@1ND@1ND@1DICHLORODIFLUOROMETHANEug/lNDNDNDNDETHYLENEZNEug/lNDND0.57JND@1ND@1TETRACHLOROFTHYLENEug/lND@1ND@1ND@1ND@1TOLUENEug/lNDNDNDNDNDTRANS-1, 3-DICHLOROPROPENEug/lNDNDNDNDNDTRICHLOROFTHYLENEug/lNDNDNDNDNDNDTRICHLOROFTHYLENEug/lNDNDNDNDNDNDTRICHLOROFTHYLENEug/lNDNDNDNDNDNDTRICHLOROFTHYLENEug/lNDNDNDNDNDNDTRICHLOROFTHYLENEug/lNDNDNDNDNDNDTRICHLOROFTHYLENEug/lNDNDNDNDNDNDTRICHLOROFTHYLENEug/lNDNDNDNDNDNDTRICHLOROFTHYLENEug/lNDNDNDNDNDNDTRICHLOROFTHYLENEug/lNDNDNDNDNDN	CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENEug/lND@1ND@1ND@1DIBROMOMETHANEug/lND@1ND@1ND@1ND@1DICHLORODIFLUOROMETHANEug/lND@1ND@1ND@1ND@1DICHLORODIFLUOROMETHANEug/lND@1ND@1ND@1ND@1ETHYLBENZENEug/lNANANANAMETHYLENE CHLORIDEug/lND@1ND@1ND@1ND@1TETRACHLOROETHYLENEug/lND@1ND@1ND@1ND@1TOLUENEug/lNANANANATRANS-1, 3-DICHLOROPROPENEug/lND@1ND@1ND@1ND@1TRICHLOROETHYLENEug/lND@1ND@1ND@1ND@1TRICHLOROETHYLENEug/lND@1ND@1ND@1ND@1TRICHLOROETHYLENEug/lND@1ND@1ND@1ND@1TRICHLOROETHYLENEug/lND@1ND@1ND@1ND@1VINYL CHLORIDEug/lND@1ND@1ND@1ND@1VINYL CHLORIDEug/lND@1ND@1ND@1ND@1	CHLOROFORM	ug/l	ND@1	0.21J	ND@1	ND@1
DIBROMMETHANEug/lND@1ND@1ND@1DICHLORODIFLUOROMETHANEug/lND@1ND@1ND@1DICHLORODIFLUOROMETHANEug/lND@1ND@1ND@1ETHYLENEug/lNANANANAMETHYLENECHLORIDEug/lND@10.57JND@1ND@1TETRACHLOROETHYLENEug/lND@1ND@1ND@1ND@1TOLUENEug/lND@1ND@1ND@1ND@1TRANS-1,3-DICHLOROPROPENEug/lND@1ND@1ND@1TRICHLOROETHYLENEug/l7.322ND@1ND@1TRICHLOROFLUOROMETHANEug/lND@1ND@1ND@1ND@1VINYL CHLORIDEug/lND@1ND@1ND@1ND@1VINYL CHLORIDEug/lND@1ND@1ND@1ND@1	CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANEug/lND@1ND@1ND@1ETHYLBENZENEug/lNANANAMETHYLENE CHLORIDEug/lND@10.57JND@1ND@1TETRACHLOROETHYLENEug/lND@1ND@1ND@1ND@1TOLUENEug/lND@1ND@1ND@1ND@1TRANS-1,3-DICHLOROPROPENEug/lND@1ND@1ND@1ND@1TRICHLOROETHYLENEug/l7.322ND@1ND@1ND@1TRICHLOROFLOROMETHANEug/lND@1ND@1ND@1ND@1VINYL CHLORIDEug/lND@1ND@1ND@1ND@1	CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENEug/lNANAMETHYLENE CHLORIDEug/lND@l0.57JND@lND@lTETRACHLOROETHYLENEug/lND@lND@lND@lND@lTOLUENEug/lNANANANATRANS-1,3-DICHLOROPROPENEug/lND@lND@lND@lND@lTRICHLOROETHYLENEug/l7.322ND@lND@lTRICHLOROETHANEug/lND@lND@lND@lND@lVINYL CHLORIDEug/lND@l0.59JND@lND@l	DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDEug/lND@1ND@1ND@1TETRACHLOROETHYLENEug/lND@1ND@1ND@1ND@1TOLUENEug/lNANANANATRANS-1,3-DICHLOROPROPENEug/lND@1ND@1ND@1ND@1TRICHLOROETHYLENEug/l7.322ND@1ND@1TRICHLOROETHANEug/lND@1ND@1ND@1ND@1VINYL CHLORIDEug/lND@1ND@1ND@1ND@1	DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENEug/lND@1ND@1ND@1TOLUENEug/lNANANATRANS-1,3-DICHLOROPROPENEug/lND@1ND@1ND@1TRICHLOROETHYLENEug/l7.322ND@1ND@1TRICHLOROETHANEug/lND@1ND@1ND@1ND@1VINYL CHLORIDEug/lND@10.59JND@1ND@1		ug/l	NA	NA	NA	NA
TOLUENENANATRANS-1,3-DICHLOROPROPENEug/lND@1ND@1TRICHLOROETHYLENEug/l7.322ND@1TRICHLOROFLUOROMETHANEug/lND@1ND@1ND@1VINYL CHLORIDEug/lND@10.59JND@1ND@1	METHYLENE CHLORIDE	ug/l	ND@1	0.57J	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE ug/l ND@1 ND@1 TRICHLOROETHYLENE ug/l 7.3 22 ND@1 ND@1 TRICHLOROETHYLENE ug/l ND@1 ND@1 ND@1 ND@1 TRICHLOROFLUOROMETHANE ug/l ND@1 ND@1 ND@1 ND@1 VINYL CHLORIDE ug/l ND@1 0.59J ND@1 ND@1	TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE ug/l 7.3 22 ND@1 ND@1 TRICHLOROFLUOROMETHANE ug/l ND@1 ND@1 ND@1 ND@1 VINYL CHLORIDE ug/l ND@1 0.59J ND@1 ND@1	TOLUENE	ug/l	NA	NA	NA	NA
TRICHLOROFLUOROMETHANE ug/l ND@1 ND@1 ND@1 VINYL CHLORIDE ug/l ND@1 0.59J ND@1 ND@1	TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE ug/l ND@1 0.59J ND@1 ND@1	TRICHLOROETHYLENE	ug/l	7.3	22	ND@1	ND@1
	TRICHLOROFLUOROMETHANE		ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL ug/l NA NA NA	VINYL CHLORIDE	ug/l	ND@1	0.59J	ND@1	ND@1
	XYLENE, TOTAL	ug/l	NA	NA	NA	NA

MW-181-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-184-SA GROUNDWATER 05/02/17 420120303-10 01	MW-185-SA GROUNDWATER 05/02/17 420120303-9 01	MW-188-S GROUNDWATER 05/03/17 420120303-14 01
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/1 ug/1 ug/1 ug/1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS				
PH SPECIFIC CONDUCTANCE TEMPERATURE	pH umhos/cm C	7.20 952 10.0	7.18 1370 9.9	6.09 348 10.4
METALS				
ARSENIC, DISSOLVED CADMIUM, DISSOLVED LEAD, DISSOLVED SILVER, DISSOLVED	mg/l mg/l mg/l mg/l	NA NA NA	NA NA NA	NA NA NA
VOLATILE ORGANICS				
<pre>1,1,1,2-TETRACHLOROETHANE 1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHYLENE 1,2,3-TRICHLOROPROPANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHYLENE, TOTAL</pre>	ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1	ND@1 0.32J ND@1 ND@1 0.34J ND@1 ND@1 ND@1 1.8	ND@1 0.58J ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1

MW-184-SA

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-184-SA GROUNDWATER 05/02/17 420120303-10 01	MW-185-SA GROUNDWATER 05/02/17 420120303-9 01	MW-188-S GROUNDWATER 05/03/17 420120303-14 01
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
2-CHLOROTOLUENE	ug/l	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	2.5	1.0	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@l	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA
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MW-184-SA

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SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-189-S GROUNDWATER 05/03/17 420120303-15 01	MW-204-S GROUNDWATER 05/05/17 420120449-18 01	MW-206-S GROUNDWATER 05/08/17 420120519-8 01	MW-206-S DUPLICATE 05/08/17 420120519-9 01
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	ND@10	ND@10
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/1 ug/1 ug/1 ug/1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS					
PH SPECIFIC CONDUCTANCE TEMPERATURE	pH umhos/cm C	7.24 1187 12.8	7.66 454 12.0	7.31 881 9.8	7.31 881 9.8
METALS					
ARSENIC, DISSOLVED CADMIUM, DISSOLVED LEAD, DISSOLVED SILVER, DISSOLVED	mg/1 mg/1 mg/1 mg/1	NA NA NA NA	NA NA NA NA	0.0028 ND@0.0010 ND@0.0010 ND@0.0010	0.0029 ND@0.0010 ND@0.0010 ND@0.0010
VOLATILE ORGANICS					
<pre>1,1,1,2-TETRACHLOROETHANE 1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHYLENE 1,2,3-TRICHLOROPROPANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHYLENE, TOTAL</pre>	ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1	ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	ND@1 180D ND@1 0.20J 22 23 ND@1 ND@1 2.0 2.4	ND@1 0.25J ND@1 ND@1 ND@1 0.80J ND@1 ND@1 ND@1 ND@1	ND@1 0.28J ND@1 ND@1 0.89J ND@1 ND@1 ND@1 ND@1

MW-189-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-189-S GROUNDWATER 05/03/17 420120303-15 01	MW-204-S GROUNDWATER 05/05/17 420120449-18 01	MW-206-S GROUNDWATER 05/08/17 420120519-8 01	MW-206-S DUPLICATE 05/08/17 420120519-9 01
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@l	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	0.50J	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	0.28J
TETRACHLOROETHYLENE	ug/l	ND@1	0.32J	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1, 3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	18	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@l	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@l	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

MW-189-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-208-S GROUNDWATER 05/08/17 420120519-7 01	MW-210-S GROUNDWATER 05/08/17 420120519-6 01	MW-250-M GROUNDWATER 05/04/17 420120449-8 01
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	ND@10	ND@10	NA
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS				
PH SPECIFIC CONDUCTANCE TEMPERATURE	pH umhos/cm C	7.02 325 9.6	7.11 845 9.5	6.53 817 11.7
METALS				
ARSENIC, DISSOLVED CADMIUM, DISSOLVED LEAD, DISSOLVED SILVER, DISSOLVED	mg/l mg/l mg/l mg/l	0.014 ND@0.0010 ND@0.0010 ND@0.0010	0.089 ND@0.0010 ND@0.0010 ND@0.0010	NA NA NA NA
VOLATILE ORGANICS				
<pre>1,1,1,2-TETRACHLOROETHANE 1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHYLENE 1,2,3-TRICHLOROPROPANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHYLENE, TOTAL</pre>	ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1	ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1 0.31J ND@1 ND@1 ND@1 ND@1 ND@1	ND@1 0.55J ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1

MW-208-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-208-S GROUNDWATER 05/08/17 420120519-7 01	MW-210-S GROUNDWATER 05/08/17 420120519-6 01	MW-250-M GROUNDWATER 05/04/17 420120449-8 01
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
2-CHLOROTOLUENE	ug/l	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	0.76J	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	0.42J
TOLUENE	ug/l	NA	NA	NA
TRANS-1, 3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA

MW-208-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-250-S GROUNDWATER 05/04/17 420120449-9 01	MW-267-S GROUNDWATER 05/04/17 420120449-13 01	MW-269-S GROUNDWATER 05/02/17 420120303-7 01
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/1 ug/1 ug/1 ug/1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS			,	
PH SPECIFIC CONDUCTANCE TEMPERATURE	pH umhos/cm C	6.61 1307 12.3	6.10 1116 12.1	NA NA NA
METALS				
ARSENIC, DISSOLVED CADMIUM, DISSOLVED LEAD, DISSOLVED SILVER, DISSOLVED	mg/l mg/l mg/l mg/l	NA NA NA	NA NA NA NA	NA NA NA
VOLATILE ORGANICS				
<pre>1,1,1,2-TETRACHLOROETHANE 1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1-DICHLOROETHANE 1,2,3-TRICHLOROPROPANE 1,2-DICHLOROPTANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHYLENE, TOTAL</pre>	ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1	ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	ND@1 150D ND@1 ND@1 35 7.9 ND@1 ND@1 ND@1 750D	ND@1 490D ND@1 ND@1 140D 51D ND@1 ND@1 10 380D

MW-250-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-250-S GROUNDWATER 05/04/17 420120449-9 01	MW-267-S GROUNDWATER 05/04/17 420120449-13 01	MW-269-S GROUNDWATER 05/02/17 420120303-7 01
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
2-CHLOROTOLUENE	ug/l	NA	NA	ND@1
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	11	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@l	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	ND@1
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	7.7	13
TOLUENE	ug/l	NA	NA	ND@1
TRANS-1, 3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	1800D	260D
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	5.7
XYLENE, TOTAL	ug/l	NA	NA	ND@1

MW-250-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-271-S GROUNDWATER 05/02/17 420120303-6 01	MW-272-S GROUNDWATER 05/04/17 420120449-14 01	MW-275-S GROUNDWATER 05/02/17 420120303-2 01
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/1 ug/1 ug/1 ug/1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS				
PH SPECIFIC CONDUCTANCE TEMPERATURE	pH umhos/cm C	6.48 494 10.2	6.40 998 12.9	6.31 1059 11.1
METALS				
ARSENIC, DISSOLVED CADMIUM, DISSOLVED LEAD, DISSOLVED SILVER, DISSOLVED	mg/1 mg/1 mg/1 mg/1	NA NA NA	NA NA NA	NA NA NA
VOLATILE ORGANICS				
<pre>1,1,1,2-TETRACHLOROETHANE 1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHYLENE 1,2,3-TRICHLOROPANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHYLENE, TOTAL</pre>	ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	ND@1 12 ND@1 3.0 ND@1 12 4.5 ND@1 2.5 0.86J 52	ND@1 4.3 ND@1 0.52J 0.91J 52 53 ND@1 0.84J ND@1 4.7	ND@1 19 ND@1 ND@1 4.6 110D 280D ND@1 4.0 1.4 5.6

MW-271-S

PARAMETER UNITS VOLATILE ORGANICS (Continued) NOPI NDP1 NDP1 NDP1 1,2-DICHLOROPANE Ug/1 NDP1 NA NDP1 2-CHLOROTOLUENE Ug/1 NDP1 NA NDP1 4-CHLOROTOLUENE Ug/1 NDP1 NDP1 NDP1 BERNETEN Ug/1 NDP1 NDP1 NDP1 BERNETENE Ug/1 NDP1 NDP1 NDP1 CHLOROENTANE Ug/1 NDP1 NDP1 NDP1 CHLOROENTHANE U	SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-271-S GROUNDWATER 05/02/17 420120303-6 01	MW-272-S GROUNDWATER 05/04/17 420120449-14 01	MW-275-S GROUNDWATER 05/02/17 420120303-2 01
1,2-DICHLOROPEOPANEug/lNDe1NDe1NDe12-CHLOROTOLUENEug/lNDe1NANA4-CHLOROTOLUENEug/lNDe1NDe1NDe1BENZENEug/lNDe1NDe1NDe1BROMOBENZENEug/lNDe1NDe1NDe1BROMODICHLOROMETHANEug/lNDe1NDe1NDe1BROMODICHLOROMETHANEug/lNDe1NDe1NDe1BROMODICHLOROMETHANEug/lNDe1NDe1NDe1CHLOROBENZENEug/lNDe1NDe1NDe1BROMOMETHANEug/lNDe1NDe1NDe1CHLOROBENZENEug/lNDe1NDe1NDe1CHLOROBENZENEug/lNDe1NDe1NDe1CHLOROBENZENEug/lNDe1NDe1NDe1CHLOROBENZENEug/lNDe1NDe1NDe1CHLOROBENTANEug/lNDe1NDe1NDe1CHLOROBENTANEug/lNDe1NDe1NDe1CHLOROBENTANEug/lNDe1NDe1NDe1CHLOROBENTANEug/lNDe1NDe1NDe1CHLOROPERTHANEug/lNDe1NDe1NDe1DIEBCOMMETHANEug/lNDe1NDe1NDe1CHLOROBENTANEug/lNDe1NDe1NDe1CHLOROPERTHANEug/lNDe1NDe1NDe1DIEBCOMMETHANEug/lNDe1NDe1NDe1DIEBCOMMETHANEug/lNDe1NDe1NDe1DIEBCOMMETHAN	PARAMETER	UNITS			
2-CHLOROTOLUENEug/lND@lNANA4-CHLOROTOLUENEug/lND@lND@lND@lND@lBENZENEug/lND@lND@lND@lND@lBROMODENZENEug/lND@lND@lND@lND@lBROMODICHLOROMETHANEug/lND@lND@lND@lND@lBROMOTETRACHLORIDEug/lND@lND@lND@lND@lBROMOTETRANEug/lND@lND@lND@lND@lCARBON TETRACHLORIDEug/lND@lND@lND@lND@lCHLORODIRENZENEug/lND@lND@lND@lND@lCHLOROTENZENEug/lND@lND@lND@lND@lCHLOROTENZENEug/lND@lND@lND@lND@lCHLOROTENZENEug/lND@lND@lND@lND@lCHLOROTENZENEug/lND@lND@lND@lND@lCHLOROTENZENEug/lND@lND@lND@lND@lCHLOROTENTANEug/lND@lND@lND@lND@lDIBROMOMETHANEug/lND@lND@lND@lND@lDIBROMOMETHANEug/lND@lND@lND@lND@lDIGROTILUOROMETHANEug/lND@lND@lND@lND@lDIGROTILOROMETHANEug/lND@lND@lND@lND@lDIGROTILOROMETHANEug/lND@lND@lND@lND@lDIGROTILOROMETHANEug/lND@lND@lND@lND@l <th>VOLATILE ORGANICS (Continued)</th> <th></th> <th></th> <th></th> <th></th>	VOLATILE ORGANICS (Continued)				
4-CHLOROTOLUENE ug/l NDe1 NDe1 NDe1 BEXZENE ug/l NDe1 NA NA BEROMODICHLOROMETNANE ug/l NDe1 NDe1 NDe1 BROMODICHLOROMETNANE ug/l NDe1 NDe1 NDe1 BROMOFORM ug/l NDe1 NDe1 NDe1 BROMOFENARE ug/l NDe1 NDe1 NDe1 BROMOFENARE ug/l NDe1 NDe1 NDe1 CARDON TETRACHLORIDE ug/l NDe1 NDe1 NDe1 CHLOROBENZENE ug/l NDe1 NDe1	1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
BEXZENEug/lND@lNANABROMDENZENEug/lND@lND@lND@lBROMDICHLOROMETHANEug/lND@lND@lND@lBROMOFORMug/lND@lND@lND@lBROMOMETHANEug/lND@lND@lND@lCARBON TETRACHLORIDEug/lND@lND@lND@lCHLOROETHANEug/lND@lND@lND@lCHLOROETHANEug/lND@lND@lND@lCHLOROETHANEug/lND@lND@lND@lCHLOROETHANEug/lND@lND@lND@lCHLOROETHANEug/lND@lND@lND@lCHLOROFORMug/lND@lND@lND@lCHLOROETHANEug/lND@lND@lND@lCHLOROMETHANEug/lND@lND@lND@lDIRCHOMETHANEug/lND@lND@lND@lDIRCHOROFTHANEug/lND@lND@lND@lDIRCHOROETHANEug/lND@lND@lND@lDIRCHOROETHANEug/lND@lND@lND@lDIRCHOROETHANEug/lND@lND@lND@lDIRCHOROETHANEug/lND@lND@lND@lDIRCHOROETHANEug/lND@lND@lND@lTETRACHLOROETHYLENEug/lND@lND@lND@lTRANS-1,3-DICHLOROPOENEug/lND@lND@lND@lTRANS-1,3-DICHLOROPOENEug/lND@lND@lND@lTRANS-1,3-DICHLOROP	2-CHLOROTOLUENE	ug/l	ND@1	NA	NA
BEXENEug/lNDe1NANABROMDBENZENEug/lNDe1NDe1NDe1BROMDSTENEug/lNDe1NDe1NDe1BROMDFORMug/lNDe1NDe1NDe1BROMOMETHANEug/lNDe1NDe1NDe1CARBON TETRACHLORIDEug/lNDe1NDe1NDe1CHLOROENZENEug/lNDe1NDe1NDe1CHLOROETHANEug/lNDe1NDe1NDe1CHLOROETHANEug/lNDe1NDe1NDe1CHLOROETHANEug/lNDe1NDe1NDe1CHLOROETHANEug/lNDe1NDe1NDe1CHLOROETHANEug/lNDe1NDe1NDe1CHLOROETHANEug/lNDe1NDe1NDe1CHLOROMETHANEug/lNDe1NDe1NDe1DIBROMOMETHANEug/lNDe1NDe1NDe1DIBROMOMETHANEug/lNDe1NDe1NDe1DIRCHOROETHANEug/lNDe1NDe1NDe1DIRCHOROETHANEug/lNDe1NDe1NDe1DIRCHOROETHANEug/lNDe1NDe1NDe1TETRACHLOROETHYLENEug/lNDe1NDe1NDe1TRANS-1, 3-DICHLOROPOENEug/lNDe1NDe1NDe1TRANS-1, 3-DICHLOROPOENEug/lNDe1NDe1NDe1TRANS-1, 3-DICHLOROPOENEug/lNDe1NDe1NDe1TRANS-1, 3-DICHLOROPOENEug/lNDe1NDe1NDe1TRA	4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANEug/lNDe1NDe1NDe1BROMOFORMug/lNDe1NDe1NDe1BROMORTHANEug/lNDe1NDe1NDe1CARBON TETRACHLORIDEug/lNDe1NDe1NDe1CHLOROBENZENEug/lNDe1NDe1NDe1CHLOROBIRJOMOMETHANEug/lNDe1NDe1NDe1CHLOROBIRJOMOMETHANEug/lNDe1NDe1NDe1CHLOROFORMug/lNDe1NDe1NDe1CHLOROMETHANEug/lNDe1NDe1NDe1CHLOROMETHANEug/lNDe1NDe1NDe1CHLOROFOROPYLENEug/lNDe1NDe1NDe1DIRCHLOROPTHANEug/lNDe1NDe1NDe1DIRCHLOROPTHANEug/lNDe1NDe1NDe1DIRCHLOROPTHANEug/lNDe1NDe1NDe1DICHLOROPTHANEug/lNDe1NDe1NDe1DICHLOROPTHANEug/lNDe1NDe1NDe1DICHLOROPTHANEug/lNDe1NDe1NDe1DICHLOROPTHANEug/lNDe1NDe1NDe1TETRACHLOROETHYLENEug/lNDe1NDe1NDe1TRUCHLOROPTHYLENEug/lNDe1NDe1NDe1TRUCHLOROETHYLENEug/lNDe1NDe1NDe1TRUCHLOROETHYLENEug/lNDe1NDe1NDe1TRUCHLOROETHYLENEug/lNDe1NDe1NDe1TRUCHLOROETHYLENEug/lNDe1NDe1ND	BENZENE		ND@1	NA	NA
BROMOFORM ug/l ND@l ND@l BROMOMETHANE ug/l ND@l ND@l ND@l CARBON TETRACHLORIDE ug/l ND@l ND@l ND@l CHLOROEENZENE ug/l ND@l ND@l ND@l CHLOROEENZENE ug/l ND@l ND@l ND@l CHLOROETHANE ug/l ND@l ND@l ND@l DISEROMOMETHANE ug/l ND@l ND@l ND@l DISEROFORM ug/l ND@l ND@l ND@l ND@l DISEROFORMETHANE ug/l ND@l ND@l <	BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE ug/l ND01 ND01 CARBON TETRACHLORIDE ug/l ND01 ND01 ND01 CARBON TETRACHLORIDE ug/l ND01 ND01 ND01 CHLOROBENZENE ug/l ND01 ND01 ND01 CHLORODIRENMOMETHANE ug/l ND01 ND01 ND01 CHLOROETHANE ug/l ND01 ND01 ND01 CHLOROFTRANE ug/l ND01 ND01 0.57J CHLOROFTANE ug/l ND01 ND01 ND01 CHLOROFTHANE ug/l ND01 ND01 ND01 CHLOROFTHANE ug/l ND01 ND01 ND01 CHLOROFTHANE ug/l ND01 ND01 ND01 DIRGNOMETHANE ug/l ND01 ND01 ND01 ND01 DICHLOROPROPYLENE ug/l ND01 ND01 ND01 ND01 ND01 DICHLOROPROPYLENE ug/l ND01 ND01 ND01 ND01 ND01	BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDEug/lNDelNDelCARBON TETRACHLORIDEug/lNDelNDelNDelCHLOROBENZENEug/lNDelNDelNDelCHLORODIBROMOMETHANEug/lNDelNDelNDelCHLOROFORMug/lNDelNDelNDelCHLOROFORMug/lNDelNDelNDelCIS-1,3-DICHLOROPOPYLENEug/lNDelNDelNDelDIBROMOMETHANEug/lNDelNDelNDelDICHLORODIFLUOROMETHANEug/lNDelNDelNDelCTS-1,3-DICHLOROPOPYLENEug/lNDelNDelNDelDIRGOMOMETHANEug/lNDelNDelNDelDIRGOMOMETHANEug/lNDelNDelNDelDICHLORODIFLUOROMETHANEug/lNDelNDelNDelDICHLORODIFLUOROMETHANEug/lNDelNDelNDelDICHLORODIFLUOROMETHANEug/lNDelNDelNDelTETRACHLOROETHYLENEug/lNDelNDelNDelTOLUENEug/lNDelNDelNDelNDelTRICHLOROETHYLENEug/lNDelNDelNDelNDelTRICHLOROFLUOROMETHANEug/lNDelNDelNDelNDel	BROMOFORM	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENEug/lND01ND01CHLORODIBROMOMETHANEug/lND01ND01ND01CHLORODIBROMOMETHANEug/lND01ND01ND01CHLOROETHANEug/lND01ND01ND01CHLOROMETHANEug/lND01ND01ND01CHLOROMETHANEug/lND01ND01ND01CIS-1,3-DICHLOROPROPYLENEug/lND01ND01ND01DIBROMOMETHANEug/lND01ND01ND01DICHLORODIFLUOROMETHANEug/lND01ND01ND01DITCHLORODIFLUOROMETHANEug/lND01ND01ND01DITCHLORODIFLUOROMETHANEug/lND01ND01ND01DITCHLORODIFLUOROMETHANEug/lND01ND01ND01DITCHLORODIFLUOROMETHANEug/lND01ND01ND01TETRACHLOROETHYLENEug/lND01ND01ND01TETRACHLOROETHYLENEug/lND01ND01ND01TRANS-1, 3-DICHLOROPROPENEug/lND01ND01ND01TRICHLOROFTHYLENEug/l290D120D24TRICHLOROFTHYLENEug/lND01ND01ND01	BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROD IBROMOMETHANEug/lND@1ND@1CHLOROD IBROMOMETHANEug/lND@1ND@1ND@1CHLOROFORMug/lND@1ND@10.57JCHLOROMETHANEug/lND@1ND@1ND@1CIS-1,3-DICHLOROPROPYLENEug/lND@1ND@1ND@1DIBROMOMETHANEug/lND@1ND@1ND@1DIBROMOMETHANEug/lND@1ND@1ND@1DIBROMOMETHANEug/lND@1ND@1ND@1DICHLOROD IF LUOROMETHANEug/lND@1ND@1ND@1ETHYLBENZENEug/lND@1ND@1ND@1TETRACHLOROETHYLENEug/lND@1ND@1ND@1TOLUENEug/lND@1ND@1ND@1TRANS-1, 3-DICHLOROPROPENEug/lND@1ND@1ND@1TRANS-1, 3-DICHLOROPROPENEug/lND@1ND@1ND@1TRANS-1, 3-DICHLOROPROPENEug/lAD01ND@1ND@1TRANS-1, 3-DICHLOROPROPENEug/lND@1ND@1ND@1TRANS-1, 3-DICHLOROPROPENEug/lAD01ND@1ND@1TRICHLOROFLYLENEug/l290D120D24TRICHLOROFLUOROMETHANEug/lND@1ND@1ND@1	CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANEug/lND@lND@lND@lCHLOROFORMug/lND@lND@l0.57JCHLOROMETHANEug/lND@lND@lND@lC15-1,3-DICHLOROPROPYLENEug/lND@lND@lND@lDIBROMOMETHANEug/lND@lND@lND@lDIEROMOMETHANEug/lND@lND@lND@lDICHLORODIFLUOROMETHANEug/lND@lND@lND@lETHYLENE CHLORIDEug/lND@lND@l0.79JTERACHLOROETHYLENEug/lND@lND@lND@lTOLUENEug/lND@lND@lND@lTRANS-1, 3-DICHLOROPROPENEug/lND@lND@lNDTRICHLOROETHYLENEug/lND@lND@lNDTRICHLOROETHYLENEug/lND@lND@lNDTRICHLOROFLUOROMETHANEug/lANDNDTRICHLOROFLUOROMETHANEug/lAD0AATRICHLOROFLUOROMETHANEug/lAD0NDATRICHLOROFLUOROMETHANEug/lND@lND@lNDTRICHLOROFLUOROMETHANEug/lND@lNDA	CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLOROFORMug/lND@lND@l0.57JCHLOROMETHANEug/lND@lND@lND@lCIS-1, 3-DICHLOROPROPYLENEug/lND@lND@lND@lDIBROMOMETHANEug/lND@lND@lND@lDICHLORODIFLUOROMETHANEug/lND@lND@lND@lETHYLENE CHLORIDEug/lND@lND@lND@lMETHYLENE CHLORIDEug/lND@lND@l0.79JTERRACHLOROETHYLENEug/l14ND@lND@lTOLUENEug/lND@lND@lND@lTRANS-1, 3-DICHLOROPROPENEug/lND@lND@lNDTRICHLOROETHYLENEug/lADDND@lNDTRICHLOROETHYLENEug/lND@lND@lNDTRICHLOROETHYLENEug/lND@lNDNDTRICHLOROETHYLENEug/lADDNDAddTRICHLOROETHYLENEug/lADDNDAddTRICHLOROETHYLENEug/lADDNDAddTRICHLOROETHYLENEug/lADDNDAddTRICHLOROETHYLENEug/lADDAddAddTRICHLOROETHYLENEug/lND@lNDAddTRICHLOROETHYLENEug/lND@lNDAddTRICHLOROETHYLENEug/lND@lNDNDTRICHLOROETHYLENEug/lND@lNDNDTRICHLOROETHYLENEug/lND@lNDND	CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROMETHANEug/lND@lND@lND@lCLS-1,3-DICHLOROPROPYLENEug/lND@lND@lND@lDIBROMOMETHANEug/lND@lND@lND@lDICHLORODIFLUOROMETHANEug/lND@lND@lND@lDICHLORODIFLUOROMETHANEug/lND@lND@lND@lETHYLENEZENEug/lND@lND@l0.79JTETRACHLOROETHYLENEug/l14ND@lND@lTOLUENEug/lND@lND@lND@lTRANS-1, 3-DICHLOROPROPENEug/lND@lND@lNDTRICHLOROETHYLENEug/l290D120D24TRICHLOROFLUOROMETHANEug/lND@lND@lND@l	CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENEug/lND@lND@lDIBROMOMETHANEug/lND@lND@lND@lDICHLORODIFLUOROMETHANEug/lND@lND@lND@lDICHLORODIFLUOROMETHANEug/lND@lND@lND@lETHYLENEug/lND@lND@lND@lETHYLENE CHLORIDEug/lND@lND@l0.79JTETRACHLOROETHYLENEug/l14ND@lND@lTOLUENEug/lND@lND@lNATRANS-1, 3-DICHLOROPROPENEug/lND@lND@lND@lTRICHLOROETHYLENEug/lND@lND@lND@lTRICHLOROFLUOROMETHANEug/lND@lND@lND@lTRICHLOROFLUOROMETHANEug/lND@lND@lND@l	CHLOROFORM		ND@1.	ND@1	0.57J
DIBROMOMETHANEug/lND@lND@lND@lDICHLORODIFLUOROMETHANEug/lND@lND@lND@lETHYLBENZENEug/lND@lNANAMETHYLENE CHLORIDEug/lND@lND@l0.79JTETRACHLOROETHYLENEug/l14ND@lND@lTOLUENEug/lND@lNANATRANS-1, 3-DICHLOROPROPENEug/lND@lND@lNATRICHLOROETHYLENEug/lND@lND@lND@lTRICHLOROETHYLENEug/lND@lND@lND@lTRICHLOROFLUOROMETHANEug/lND@lND@lND@l	CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANEug/lND@lND@lETHYLBENZENEug/lND@lNAMETHYLENE CHLORIDEug/lND@lND@lTETRACHLOROETHYLENEug/l14ND@lTOLUENEug/lND@lNATRANS-1, 3-DICHLOROPROPENEug/lND@lTRICHLOROETHYLENEug/l290D120DTRICHLOROFLUOROMETHANEug/lND@l	CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE ug/l ND@l NA METHYLENE CHLORIDE ug/l ND@l ND@l 0.79J TETRACHLOROETHYLENE ug/l 14 ND@l ND@l TOLUENE ug/l ND@l NA ND@l TRANS-1, 3-DICHLOROPROPENE ug/l ND@l ND@l ND@l TRICHLOROETHYLENE ug/l 290D 120D 24 TRICHLOROFLUOROMETHANE ug/l ND@l ND@l ND@l	DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
METHYLENE CHLORIDE ug/l ND@l ND@l 0.79J TETRACHLOROETHYLENE ug/l 14 ND@l ND@l TOLUENE ug/l ND@l ND@l ND@l TRANS-1, 3-DICHLOROPROPENE ug/l ND@l ND@l ND@l TRICHLOROETHYLENE ug/l 290D 120D 24 TRICHLOROFLUOROMETHANE ug/l ND@l ND@l ND@l	DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE ug/l 14 ND@1 ND@1 TOLUENE ug/l ND@1 NA NA TRANS-1, 3-DICHLOROPROPENE ug/l ND@1 ND@1 ND@1 TRICHLOROETHYLENE ug/l 290D 120D 24 TRICHLOROFLUOROMETHANE ug/l ND@1 ND@1 ND@1	ETHYLBENZENE	ug/l	ND@1	NA	NA
TOLUENE ug/l ND@1 NA TRANS-1, 3-DICHLOROPROPENE ug/l ND@1 ND@1 ND@1 TRICHLOROETHYLENE ug/l 290D 120D 24 TRICHLOROFLUOROMETHANE ug/l ND@1 ND@1 ND@1	METHYLENE CHLORIDE	ug/l	ND@1	ND@1	0.79J
TRANS-1,3-DICHLOROPROPENE ug/l ND@1 ND@1 TRICHLOROETHYLENE ug/l 290D 120D 24 TRICHLOROFLUOROMETHANE ug/l ND@1 ND@1 ND@1	TETRACHLOROETHYLENE	ug/l	14	ND@1	ND@1
TRICHLOROETHYLENE ug/l 290D 120D 24 TRICHLOROFLUOROMETHANE ug/l ND@1 ND@1 ND@1	TOLUENE	ug/l	ND@1	NA	NA
TRICHLOROFLUOROMETHANE ug/l ND@1 ND@1 ND@1	TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
5	TRICHLOROETHYLENE	ug/l	290D	120D	24
VINYL CHLORIDE ug/1 15 0.59J 3.4	TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
	VINYL CHLORIDE	ug/l	15	0.59J	3.4
XYLENE, TOTAL ug/l ND@1 NA NA	XYLENE, TOTAL	ug/l	ND@1	NA	NA

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-279-S GROUNDWATER 05/02/17 420120303-3 01	MW-402-S GROUNDWATER 05/04/17 420120449-15 01	MW-504-S GROUNDWATER 05/04/17 420120449-7 01
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS				
PH SPECIFIC CONDUCTANCE TEMPERATURE	pH umhos/cm C	6.12 568 12.4	6.98 1732 11.5	6.37 1333 11.5
METALS				
ARSENIC, DISSOLVED CADMIUM, DISSOLVED LEAD, DISSOLVED SILVER, DISSOLVED	mg/l mg/l mg/l mg/l	NA NA NA	NA NA NA	NA NA NA
VOLATILE ORGANICS				
<pre>1,1,1,2-TETRACHLOROETHANE 1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE 1,1,2-TRICHLOROET,2,2-TRIFLUOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHALENE 1,2,3-TRICHLOROPROPANE 1,2-DICHLOROF,2,2-TRIFLUOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE</pre>	ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1	ND@1 2.1 ND@1 0.35J 20 21 ND@1 0.34J 0.43J 2.0	ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	ND@1 3.5 ND@1 ND@1 1.1 0.79J ND@1 ND@1 0.41J

MW-279-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-279-S GROUNDWATER 05/02/17 420120303-3 01	MW-402-S GROUNDWATER 05/04/17 420120449-15 01	MW-504-S GROUNDWATER 05/04/17 420120449-7 01
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
2-CHLOROTOLUENE	ug/l	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	0.63J	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	8.9
TOLUENE	ug/l	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	24	ND@1	2.3
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	1.6	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-505-S GROUNDWATER 05/02/17 420120303-8 01	MW-508-SA GROUNDWATER 05/03/17 420120303-12 01	MW-604-S GROUNDWATER 05/02/17 420120303-4 01	MW-604-S DUPLICATE 05/02/17 420120303-5 01
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS					
PH SPECIFIC CONDUCTANCE TEMPERATURE	pH umhos/cm C	7.60 410 11.0	6.98 547 9.7	6.43 381 12.8	6.43 381 12.8
METALS					
ARSENIC, DISSOLVED CADMIUM, DISSOLVED LEAD, DISSOLVED SILVER, DISSOLVED	mg/l mg/l mg/l mg/l	NA NA NA	NA NA NA	NA NA NA	NA NA NA
VOLATILE ORGANICS					
<pre>1,1,1,2-TETRACHLOROETHANE 1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHYLENE 1,2,3-TRICHLOROPANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHYLENE, TOTAL</pre>	ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1	ND@1 2.4 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	ND@1 110D ND@1 ND@1 23 21 ND@1 ND@1 2.2 70D	ND@1 89D ND@1 ND@1 15 13 ND@1 ND@1 1.3 41

MW-505-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-505-S GROUNDWATER 05/02/17 420120303-8 01	MW-508-SA GROUNDWATER 05/03/17 420120303-12 01	MW-604-S GROUNDWATER 05/02/17 420120303-4 01	MW-604-S DUPLICATE 05/02/17 420120303-5 01
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@l	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	5.8	ND@1	3.2	2.0
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	3.8	ND@1	73D	42
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	3.2	1.7
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

MW-505-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-608-S GROUNDWATER 05/03/17 420120303-13 01	MW-612-S GROUNDWATER 05/08/17 420120519-4 01	MW-802 GROUNDWATER 05/08/17 420120519-5 01
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	ND@10	ND@10
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS				
PH SPECIFIC CONDUCTANCE TEMPERATURE	pH umhos/cm C	7.25 1014 9.5	6.97 860 10.8	7.09 989 11.0
METALS				
ARSENIC, DISSOLVED CADMIUM, DISSOLVED LEAD, DISSOLVED SILVER, DISSOLVED	mg/l mg/l mg/l mg/l	NA NA NA	ND@0.0014 ND@0.0010 ND@0.0010 ND@0.0010	ND@0.0014 ND@0.0010 ND@0.0010 ND@0.0010
VOLATILE ORGANICS				
<pre>1,1,1,2-TETRACHLOROETHANE 1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1-DICHLOROETHANE 1,2,3-TRICHLOROPROPANE 1,2-DICHLOROF.1,2,2-TRIFLUOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE</pre>	ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	ND@1 0.77J ND@1 ND@1 1.1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	ND@1 1.1 ND@1 ND@1 3.4 0.98J ND@1 ND@1 0.34J

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SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-608-S GROUNDWATER 05/03/17 420120303-13 01	MW-612-S GROUNDWATER 05/08/17 420120519-4 01	MW-802 GROUNDWATER 05/08/17 420120519-5 01
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
2-CHLOROTOLUENE	ug/l	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	0.59J	0.41.J
TOLUENE	ug/l	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	4.3	5.9
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA

MW-608-S

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-806-S GROUNDWATER 05/04/17 420120449-6 01	MW-816 GROUNDWATER 05/08/17 420120519-2 01	MW-817 GROUNDWATER 05/08/17 420120519-3 01
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	ND@10	ND@10
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS				
PH SPECIFIC CONDUCTANCE TEMPERATURE	pH umhos/cm C	6.21 621 10.8	7.01 751 8.8	7.23 495 9.2
METALS				
ARSENIC, DISSOLVED CADMIUM, DISSOLVED LEAD, DISSOLVED SILVER, DISSOLVED	mg/l mg/l mg/l mg/l	NA NA NA	ND@0.0014 ND@0.0010 ND@0.0010 ND@0.0010	ND@0.0014 ND@0.0010 ND@0.0010 ND@0.0010
VOLATILE ORGANICS				
<pre>1,1,1,2-TETRACHLOROETHANE 1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE 1,1,2-TRICHLOROE1,2,2-TRIFLUOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHALENE 1,2,3-TRICHLOROPROPANE 1,2-DICHLOROE1,2,2-TRIFLUOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE</pre>	ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1	ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	ND@1 1.6 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 1.3	ND@1 2.3 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 0.27J

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		MW-806-S GROUNDWATER 05/04/17 420120449-6 01	MW-816 GROUNDWATER 05/08/17 420120519-2 01	MW-817 GROUNDWATER 05/08/17 420120519-3 01
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
2-CHLOROTOLUENE	ug/l	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@l	ND@1
BENZENE	ug/l	NA	NA	NA
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	0.33J
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	6.7	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	4.0	27	23
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA

MW-806-S

EXPLANATION OF REPORTING CONVENTIONS AND KEY TO COMMENT CODES

REPORTING CONVENTIONS

NA Not Analyzed ND@X Not Detected at Detection Limit X BMRL@X Below Minimum Reporting Limit of X

CODE EXPLANATION

- Non-Standard Measurement Unit
- c Sample contained sediment which may have contributed to reported results
- d 24 Hour Composite Sample
- B Organic analyte detected in both the sample and the laboratory blank
- D Compounds identifed at a secondary dilution factor
- E Concentration exceeds the calibration range of the GC/MS instrument
- J Estimated Value
- N Spiked sample recovery not within control limits
- P Lower of 2 GC column concentrations that have more than 25% difference
- R Reported value is less than the CRDL but greater than the IDL
- S Surrogate recoveries exceed acceptable control limits
- W Post digestion spike FAA out of control limits; sample absorbance < 50%
- * Manhole flooded when sediment sample collected
- B The reported value is less than the Contract Required Detection Limit (CRDL), but greater than the Instrument Detection Limit (IDL) (Inorganics)
- H Sample was prepped or run beyond the specified method holding time
- Value estimated. Possible meter malfunction.

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		EQ RINSE BLK WTR LVL IND 05/02/17 420120303-11 01	EQ RINSE BLK WTR LVL IND 05/03/17 420120303-20 01	EQ RINSE BLK WTR LVL IND 05/04/17 420120449-17 01	EQ RINSE BLK WTR LVL IND 05/05/17 420120449-20 01	EQ RINSE BLK WTR LVL IND 05/08/17 420120519-10 01
PARAMETER	UNITS					
BASE/NEUTRAL EXTRACTABLES						
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@l	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
VOLATILE ORGANICS						
1,1,1,2-TETRACHLOROETHANE	uq/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1~DICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA	NA
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1
CHLOROBENZENE	ug/l	ND@1 ND@1	ND@1	ND@1 ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/1	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/1	ND@1	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1

EQ RINSE BLK

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		EQ RINSE BLK WTR LVL IND 05/02/17 420120303-11 01	EQ RINSE BLK WTR LVL IND 05/03/17 420120303-20 01	EQ RINSE BLK WTR LVL IND 05/04/17 420120449-17 01	EQ RINSE BLK WTR LVL IND 05/05/17 420120449-20 01	EQ RINSE BLK WTR LVL IND 05/08/17 420120519-10 01
PARAMETER	UNITS					
VOLATILE ORGANICS (Continued)						
TRICHLOROFLUOROMETHANE VINYL CHLORIDE XYLENE, TOTAL	ug/l ug/l ug/l	ND@1 ND@1 NA	ND@1 ND@1 NA	ND@1 ND@1 NA	ND@1 ND@1 NA	ND@1 ND@1 NA

1 - 2

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SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES PARAMETER	UNITS	TRIP BLANK 5/2-3/17 05/02/17 420120303-1 01	TRIP BLANK 5/3/2017 05/03/17 420120324-1 01	TRIP BLANK 5/4-5/17 05/04/17 420120449-1 01	TRIP BLANK 5/8-9/17 05/08/17 420120519-1 01
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1
NOT NEED OD OD NE OG					
VOLATILE ORGANICS					
1,1,1,2~TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	uq/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROTOLUENE	ug/l	ND@1	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	ND@1	NA	NA	NA
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/l	ND@1	NA	NA	NA
TRANS-1, 3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		TRIP BLANK 5/2-3/17 05/02/17 420120303-1 01	TRIP BLANK 5/3/2017 05/03/17 420120324-1 01	TRIP BLANK 5/4-5/17 05/04/17 420120449-1 01	TRIP BLANK 5/8-9/17 05/08/17 420120519-1 01
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
TRICHLOROFLUOROMETHANE VINYL CHLORIDE XYLENE, TOTAL	ug/l ug/l ug/l	ND@1 ND@1 ND@1	ND@1 ND@1 NA	ND@1 ND@1 NA	ND@1 ND@1 NA

TRIP BLANK

EXPLANATION OF REPORTING CONVENTIONS AND KEY TO COMMENT CODES

REPORTING CONVENTIONS

NA	Not Analyzed
ND@X	Not Detected at Detection Limit X
BMRL@X	Below Minimum Reporting Limit of X

CODE EXPLANATION

- Non-Standard Measurement Unit
- c Sample contained sediment which may have contributed to reported results
- d 24 Hour Composite Sample
- B Organic analyte detected in both the sample and the laboratory blank
- D Compounds identifed at a secondary dilution factor
- E Concentration exceeds the calibration range of the GC/MS instrument
- J Estimated Value
- N Spiked sample recovery not within control limits
- P Lower of 2 GC column concentrations that have more than 25% difference
- R Reported value is less than the CRDL but greater than the IDL
- S Surrogate recoveries exceed acceptable control limits
- W Post digestion spike FAA out of control limits; sample absorbance < 50%
- * Manhole flooded when sediment sample collected
- B The reported value is less than the Contract Required Detection Limit (CRDL), but greater than the Instrument Detection Limit (IDL) (Inorganics)
- H Sample was prepped or run beyond the specified method holding time
- Value estimated. Possible meter malfunction.

Appendix B

Groundwater Elevation Table

Kingston Site 2017 Water Level Data

Well	Elevation TOC	02/10 DTW	6/17 GWE	04/2 DTW	7/17 GWE	08/10 DTW	6/17 GWE	10/0 DTW	5/17 GWE
MW-001-R	150.93	8.83	142.10	6.91	144.02	8.55	142.38	9.52	141.41
MW-003-S	173.03	3.63	169.40	3.72	169.31	4.62	168.41	4.92	168.11
MW-004-R	176.08	6.61	169.47	6.47	169.61	10.00	166.08	10.31	165.77
MW-004-S	172.74	3.48	169.26	2.95	169.79	3.63	169.11	4.90	167.84
MW-006-S	172.69	6.63	166.06	6.58	166.11	7.78	164.91	8.00	164.69
MW-008-S	178.17	7.65	170.52	7.61	170.56	7.72	170.45	7.84	170.33
MW-010-S	176.94	5.00	171.94	4.83	172.11	Dry		Dry	
MW-106-S	152.00	4.64	147.36	4.49	147.51	5.08	146.92	6.03	145.97
MW-108-S	177.26	6.22	171.04	4.90	172.36	7.20	170.06	7.73	169.53
MW-109-S	174.53	5.63	168.90	5.53	169.00	8.39	166.14	8.83	165.70
MW-110-SA	180.15	10.16	169.99	9.40	170.75	10.80	169.35	10.93	169.22
MW-111-S	179.39	9.52	169.87	8.53	170.86	9.78	169.61	10.20	169.19
MW-112-S	180.16	9.10	171.06	8.70	171.46	10.30	169.86	10.22	169.94
MW-113-S	177.03	6.94	170.09	6.90	170.13	6.99	170.04	7.07	169.96
MW-114-S	176.92	6.00	170.92	5.94	170.98	6.18	170.74	6.25	170.67
MW-115-S	181.20	8.49	172.71	8.40	172.80	9.33	171.87	9.37	171.83
MW-116-S	181.28	7.86	173.42	7.82	173.46	8.10	173.18	8.19	173.09
MW-117-S	180.75	5.98	174.77	5.72	175.03	6.50	174.25	6.58	174.17
MW-118-S	182.96	7.33	175.63	7.29	175.67	7.49	175.47	7.49	175.47
MW-119-S	183.87	7.92	175.95	7.90	175.97	8.08	175.79	8.14	175.73
MW-120-S	185.20	8.00	177.20	7.91	177.29	8.17	177.03	8.23	176.97
MW-122-S	183.62	5.25	178.37	5.18	178.44	5.40	178.22	5.51	178.11
MW-123-SA	178.21	3.90	174.31	3.82	174.39	3.66	174.55	3.74	174.47
MW-124-S	179.14	7.00	172.14	7.00	172.14	9.43	169.71	9.68	169.46
MW-125-S	173.88	12.02	161.86	10.88	163.00	13.11	160.77	13.33	160.55
MW-126-S	180.64	8.90	171.74	8.81	171.83	10.28	170.36	10.81	169.83
MW-161-S	183.36	5.17	178.19	4.00	179.36	5.13	178.23	5.83	177.53
MW-162-S	184.36	6.00	178.36	5.97	178.39	6.27	178.09	6.34	178.02
MW-163-S	185.65	7.75	177.90	7.70	177.95	8.42	177.23	8.49	177.16
MW-164-S	182.31	8.31	174.00	8.28	174.03	7.92	174.39	8.00	174.31
MW-169-S	178.07	8.13	169.94	8.10	169.97	8.31	169.76	8.42	169.65
MW-170-S	174.36	5.27	169.09	5.17	169.19	8.22	166.14	7.62	166.74
MW-171-S	172.51	4.60	167.91	3.75	168.76	4.78	167.73	5.41	167.10
MW-172-S	171.68	2.45	169.23	2.15	169.53	3.70	167.98	4.32	167.36
MW-173-S	179.83	9.86	169.97	9.85	169.98	10.13	169.70	10.78	169.05
MW-174-S	179.89	9.90	169.99	9.91	169.98	10.22	169.67	10.68	169.21
MW-175-S	177.99	7.67	170.32	7.66	170.33	7.82	170.17	7.94	170.05
MW-176-S	177.55	6.64	170.91	6.90	170.65	7.20	170.35	8.11	169.44
MW-177-S	177.94	7.60	170.34	7.58	170.36	7.65	170.29	7.69	170.25
MW-178-S	179.29	9.48 6.18	169.81 173.27	9.45 6.12	169.84	9.42 6.74	169.87 172.71	10.22 6.86	169.07 172.59
MW-180-S MW-181-S	179.45 177.38	7.00	170.38	6.90	173.33 170.48	7.11	172.71	7.84	169.54
MW-181-5 MW-182-S	180.09	9.78	170.30	9.70	170.48	9.83	170.27	7.84 9.94	169.54
MW-182-S	174.38	3.94	170.31	4.00	170.39	4.22	170.20	9.94 5.50	168.88
MW-184-SA	174.30	9.82	161.48	9.22	162.08	10.88	160.42	12.13	159.17
MW-185-SA	176.88	16.70	160.18	14.99	161.89	17.30	159.58	18.29	158.59
MW-186-S	172.60	3.77	168.83	2.90	169.70	3.55	169.05	5.00	167.60
MW-187-S	172.00	2.23	168.59	1.63	169.19	3.61	167.21	2.85	167.97
MW-188-S	174.59	8.10	166.49	8.02	166.57	8.21	166.38	8.91	165.68
MW-189-S	175.52	5.60	169.92	5.54	169.98	5.70	169.82	6.22	169.30
MW-201-S	177.00	9.00	168.00	8.93	168.07	9.12	167.88	10.20	166.80
MW-202-S	173.29	7.26	166.03	7.17	166.12	8.60	164.69	8.61	164.68
MW-203-S	175.16	Dry		Dry		Dry		Dry	
MW-204-S	173.93	7.70	166.23	7.64	166.29	8.65	165.28	10.82	163.11
MW-206-S	152.42	6.11	146.31	4.70	147.72	6.32	146.10	9.65	142.77
MW-208-S	152.31	6.33	145.98	5.92	146.39	6.99	145.32	13.62	138.69
MW-209-S	152.02	6.63	145.39	6.50	145.52	7.65	144.37	10.50	141.52
MW-210-S	151.99	11.25	140.74	7.50	144.49	9.00	142.99	10.20	141.79
MW-232-M	180.94	10.16	170.78	10.13	170.81	10.33	170.61	10.41	170.53
MW-232-S	181.03	10.20	170.83	10.20	170.83	9.90	171.13	9.97	171.06
MW-250-M	178.09	4.59	173.50	3.44	174.65	4.90	173.19	5.00	173.09
MW-261-S	178.85	NM		NM		NM		NM	
MW-267-S	178.77	7.15	171.62	6.63	172.14	7.29	171.48	7.34	171.43
MW-269-S	180.89	10.35	170.54	10.29	170.60	10.34	170.55	10.40	170.49
MW-270-S	180.48	10.33	170.15	10.22	170.26	10.31	170.17	10.46	170.02
MW-274-S	177.71	6.17	171.54	6.12	171.59	6.63	171.08	7.12	170.59
MW-275-S	180.97	10.89	170.08	10.18	170.79	11.22	169.75	11.81	169.16
MW-278-S	180.48	12.35	168.13	11.72	168.76	12.38	168.10	13.00	167.48
MW-279-S	180.23	10.00	170.23	9.80	170.43	10.83	169.40	11.14	169.09
MW-282-S	176.63	6.40	170.23	6.45	170.18	7.36	169.27	8.00	168.63
MW-284-S	174.77	6.63	168.14	7.85	166.92	7.97	166.80	8.53	166.24
MW-285-S	180.46	9.83	170.63	8.95	171.51	9.26	171.20	9.72	170.74

Kingston Site 2017 Water Level Data

Well	Elevation	02/16	6/17	04/2	7/17	08/10	6/17	10/05/17	
_	TOC	DTW	GWE	DTW	GWE	DTW	GWE	DTW	GWE
MW-288-S	180.22	9.40	170.82	9.00	171.22	10.33	169.89	10.72	169.50
MW-297-S	180.07	9.88	170.19	9.22	170.85	10.63	169.44	11.00	169.07
MW-402-S	173.94	16.68	157.26	14.00	159.94	Dry		Dry	
MW-403-S	176.89	Dry		Dry		Dry		Dry	
MW-404-S	171.17	3.48	167.69	3.92	167.25	5.00	166.17	8.53	162.64
MW-405-S	174.93	6.00	168.93	5.71	169.22	5.95	168.98	8.72	166.21
MW-406-S	175.85	7.50	168.35	7.47	168.38	9.20	166.65	10.10	165.75
MW-407-S	176.66	7.35	169.31	7.42	169.24	8.60	168.06	9.58	167.08
MW-502-S	180.90	6.10	174.80	6.03	174.87	6.78	174.12	6.83	174.07
MW-503-S	180.71	7.28	173.43	7.16	173.55	7.65	173.06	7.70	173.01
MW-504-S	177.11	3.63	173.48	3.40	173.71	4.12	172.99	4.30	172.81
MW-505-S	179.08	6.04	173.04	6.61	172.47	7.23	171.85	8.00	171.08
MW-506-S	180.14	NM		NM		NM		NM	
MW-507-S	178.61	6.56	172.05	6.92	171.69	7.07	171.54	7.16	171.45
MW-508-SA	169.89	5.80	164.09	5.33	164.56	9.32	160.57	10.33	159.56
MW-602-S	178.37	7.71	170.66	7.68	170.69	7.77	170.60	7.83	170.54
MW-603-S	174.74	5.72	169.02	4.33	170.41	5.90	168.84	6.61	168.13
MW-604-S	175.93	7.62	168.31	7.30	168.63	7.92	168.01	8.13	167.80
MW-605-S	176.06	8.58	167.48	7.95	168.11	8.93	168.29	8.83	167.23
MW-607-S	174.01	Dry		Dry		Dry		Dry	
MW-608-S	170.23	7.22	163.01	7.84	162.39	9.58	160.65	9.70	160.53
MW-609-S	178.58	8.63	169.95	8.59	169.99	8.80	169.78	9.25	169.33
MW-610-S	178.05	7.54	170.51	7.48	170.57	7.57	170.48	7.65	170.40
MW-612-S	156.22	8.19	148.03	5.61	150.61	7.80	148.42	9.75	146.47
MW-801-S	152.27	5.00	147.27	2.90	149.37	4.83	147.44	6.53	145.74
MW-802-S	153.42	5.69	147.73	2.72	150.70	6.00	147.42	7.22	146.20
MW-804-S	152.74	6.72	146.02	3.65	149.09	6.10	146.64	7.28	145.46
MW-806-S	176.49	3.22	173.27	3.12	173.37	3.33	173.16	3.41	173.08
MW-807-S	177.63	6.63	171.00	6.55	171.08	6.80	170.83	6.86	170.77
MW-810	145.03	3.91	141.12	3.85	141.18	4.76	140.27	4.92	140.11
MW-811S	144.93 146.73	3.60 7.13	141.33	3.54 6.97	141.39 139.76	4.27	140.66	4.51 8.41	140.42 138.32
MW-812 MW-814	146.73		139.60 143.27		139.76	7.83	138.90 142.27	8.41 10.25	138.32
MW-814 MW-815	151.70	8.43 9.00	143.27	7.48 6.88	144.22	9.43 11.20	142.27	10.25	141.45
MW-816	161.40	9.00	147.30	6.66 8.90	149.42	12.51	145.10	-	144.52
MW-817	160.53	11.20	149.53	8.40	152.50	12.51	148.65	11.80	148.73
MW-819	154.79	5.19	149.53	8.40 3.00	152.13	5.70	146.65	6.60	148.19
MW-821	154.79	5.20	149.50	2.54	152.16	6.15	149.09	7.28	140.19
MW-A	172.34	11.00	161.34	10.93	161.41	11.39	148.55	11.41	160.93
TMP-6	172.34	9.20	168.31	8.80	168.71	9.53	167.98	9.72	160.93
TMP-7	180.08	11.20	168.88	10.00	170.08	10.90	169.18	11.22	168.86
TMP-8	177.50	7.90	169.60	7.42	170.08	8.00	169.10	8.43	169.07
1 WIP-8	177.50	7.90	169.60	7.42	170.08	8.00	169.50	8.43	169.07

NM = Not Measured, Damaged or Inaccessible

Appendix C

Groundwater Withdrawal Data Tables (GWCS and NPLA)

Former IBM Kingston Site (TechCity Facility)Groundwater Collection System and North Parking Lot Area Extraction DataLast Updated:02/05/18

	NPLA	Average	Total GWCS	Average	Average	Average	Cumulative	Cumulative	Cumulative
Date	PS1 & PS2	Pumping	Daily Flow	Pumping	Daily Flow	Pumping Rate	Gallons	Gallons	Gallons
	Daily	Rate (NPLA)	(gal)	Rate (GWCS)	Treatment	Treatment Sys	Pumped	Pumped	Pumped
	Flow (gal)	(gpm)		(gpm)	System (gal)	(gpm)	(NPLA only)	(GWCS only)	(Overall)
1-Jan-17	18,305	12.7	92,744	64.4	111,049	77.1	36,840,969	505,635,568	542,476,537
2-Jan-17	10,762	7.5	64,300	44.7	75,062	52.1	36,851,731	505,699,868	542,551,599
3-Jan-17	12,337	8.6	56,519	39.2	68,856	47.8	36,864,068	505,756,387	542,620,455
4-Jan-17	16,963	11.8	57,756	40.1	74,719	51.9	36,881,031	505,814,143	542,695,174
5-Jan-17	15,388	10.7	58,364	40.5	73,752	51.2	36,896,419	505,872,507	542,768,926
6-Jan-17	15,880	11.0	59,599	41.4	75,479	52.4	36,912,299	505,932,106	542,844,405
7-Jan-17	14,694	10.2	59,938	41.6	74,632	51.8	36,926,993	505,992,044	542,919,037
8-Jan-17	13,646	9.5	60,419	42.0	74,065	51.4	36,940,639	506,052,463	542,993,102
9-Jan-17	12,050	8.4	60,394	41.9	72,444	50.3	36,952,689	506,112,857	543,065,546
10-Jan-17	12,212	8.5	60,244	41.8	72,456	50.3	36,964,901	506,173,101	543,138,002
11-Jan-17	12,820	8.9	59,414	41.3	72,234	50.2	36,977,721	506,232,515	543,210,236
12-Jan-17	15,395	10.7	58,871	40.9	74,266	51.6	36,993,116	506,291,386	543,284,502
13-Jan-17	13,743	9.5	59,776	41.5	73,519	51.1	37,006,859	506,351,162	543,358,021
14-Jan-17	13,395	9.3	59,430	41.3	72,825	50.6	37,020,254	506,410,592	543,430,846
15-Jan-17	13,258	9.2	59,653	41.4	72,911	50.6	37,033,512	506,470,245	543,503,757
16-Jan-17	12,384	8.6	58,655	40.7	71,039	49.3	37,045,896	506,528,900	543,574,796
17-Jan-17	12,802	8.9	58,111	40.4	70,913	49.2	37,058,698	506,587,011	543,645,709
18-Jan-17	15,430	10.7	57,372	39.8	72,802	50.6	37,074,128	506,644,383	543,718,511
19-Jan-17	14,667	10.2	57,681	40.1	72,348	50.2	37,088,795	506,702,064	543,790,859
20-Jan-17	14,204	9.9	57,440	39.9	71,644	49.8	37,102,999	506,759,504	543,862,503
21-Jan-17	13,812	9.6	57,632	40.0	71,444	49.6	37,116,811	506,817,136	543,933,947
22-Jan-17	13,097	9.1	57,175	39.7	70,272	48.8	37,129,908	506,874,311	544,004,219
23-Jan-17	12,900	9.0	57,564	40.0	70,464	48.9	37,142,808	506,931,875	544,074,683
24-Jan-17	14,107	9.8	57,372	39.8	71,479	49.6	37,156,915	506,989,247	544,146,162
25-Jan-17	14,113	9.8	56,901	39.5	71,014	49.3	37,171,028	507,046,148	544,217,176
26-Jan-17	13,985	9.7	58,856	40.9	72,841	50.6	37,185,013	507,105,004	544,290,017
27-Jan-17	13,910	9.7	61,090	42.4	75,000	52.1	37,198,923	507,166,094	544,365,017
28-Jan-17	13,752	9.6	63,006	43.8	76,758	53.3	37,212,675	507,229,100	544,441,775
29-Jan-17	13,863	9.6	63,846	44.3	77,709	54.0	37,226,538	507,292,946	544,519,484
30-Jan-17	13,501	9.4	64,453	44.8	77,954	54.1	37,240,039	507,357,399	544,597,438
31-Jan-17	13,527	9.4	64,231	44.6	77,758	54.0	37,253,566	507,421,630	544,675,196
1-Feb-17	13,359	9.3	64,282	44.6	77,641	53.9	37,266,925	507,485,912	544,752,837
2-Feb-17	13,081	9.1	64,022	44.5	77,103	53.5	37,280,006	507,549,934	544,829,940
3-Feb-17	12,788	8.9	63,860	44.3	76,648	53.2	37,292,794	507,613,794	544,906,588
4-Feb-17	12,304	8.5	63,240	43.9	75,544	52.5	37,305,098	507,677,034	544,982,132
5-Feb-17	12,239	8.5	62,785	43.6	75,024	52.1	37,317,337	507,739,819	545,057,156
6-Feb-17	11,945	8.3	61,831	42.9	73,776	51.2	37,329,282	507,801,650	545,130,932
7-Feb-17	11,581	8.0	61,227	42.5	72,808	50.6	37,340,863	507,862,877	545,203,740
8-Feb-17	11,545	8.0	60,551	42.0	72,096	50.1	37,352,408	507,923,428	545,275,836
9-Feb-17	11,305	7.9	60,801	42.2	72,106	50.1	37,363,713	507,984,229	545,347,942

Former IBM Kingston Site (TechCity Facility) Groundwater Collection System and North Parking Lot Area Extraction Data Last Updated: 02/05/18

NPLA Total GWCS Average Cumulative Cumulative Cumulative Average Average Average Date **PS1 & PS2** Pumping Daily Flow Pumping Daily Flow Pumping Rate Gallons Gallons Gallons Pumped Dailv Rate (NPLA) (gal) Rate (GWCS) Treatment Treatment Sys Pumped Pumped System (gal) (NPLA only) (GWCS only) Flow (gal) (gpm) (gpm) (gpm) (Overall) 10-Feb-17 10.896 7.6 59.983 41.7 70.879 37.374.609 508.044.212 49.2 545.418.821 11-Feb-17 10,780 7.5 59,246 41.1 70,026 48.6 37,385,389 508,103,458 545,488,847 12-Feb-17 7.2 10,410 58,392 40.6 68,802 47.8 37,395,799 508,161,850 545,557,649 13-Feb-17 7.1 10,217 58.472 40.6 68,689 47.7 37,406,016 508,220,322 545.626.338 14-Feb-17 9,877 6.9 57,693 40.1 67,570 46.9 545,693,908 37,415,893 508,278,015 15-Feb-17 9,650 6.7 57,101 39.7 66,751 46.4 37,425,543 508,335,116 545,760,659 16-Feb-17 9,504 6.6 57,139 39.7 66,643 46.3 37,435,047 508,392,255 545,827,302 17-Feb-17 56,768 39.4 9,174 6.4 65.942 45.8 37,444,221 508,449,023 545,893,244 18-Feb-17 8,916 6.2 55,905 38.8 64,821 45.0 37.453.137 508.504.928 545.958.065 19-Feb-17 8,704 6.0 56,508 39.2 65,212 45.3 37,461,841 508,561,436 546,023,277 20-Feb-17 8,680 6.0 56,835 39.5 65,515 45.5 37,470,521 508,618,271 546,088,792 21-Feb-17 8,597 6.0 57,870 40.2 66,467 46.2 37,479,118 508,676,141 546,155,259 5.9 40.4 22-Feb-17 8,556 58,167 66,723 46.3 37,487,674 508,734,308 546,221,982 23-Feb-17 8.475 5.9 59.152 41.1 67.627 508.793.460 47.0 37.496.149 546.289.609 24-Feb-17 8,417 5.8 59,597 41.4 68,014 47.2 37,504,566 508,853,057 546,357,623 25-Feb-17 8.374 5.8 60.209 41.8 68,583 47.6 37.512.940 508,913,266 546.426.206 26-Feb-17 8,110 5.6 62,205 43.2 70,315 48.8 37,521,050 508,975,471 546,496,52 27-Feb-17 8,039 5.6 62,211 43.2 70.250 48.8 37,529,089 509,037,682 546,566,771 28-Feb-17 7,823 5.4 61,787 42.9 69,610 48.3 37,536,912 509.099.469 546,636,381 1-Mar-17 7,636 5.3 60,915 42.3 68,551 47.6 37,544,548 509,160,384 546,704,932 2-Mar-17 5.2 62,517 69,990 7,473 43.4 48.6 37,552,021 509,222,901 546,774,922 3-Mar-17 7,623 5.3 61,781 42.9 69,404 48.2 37,559,644 509,284,682 546.844.326 4-Mar-17 7,617 5.3 61,361 42.6 68,978 47.9 37,567,261 509,346,043 546,913,304 5-Mar-17 7,544 5.2 61,616 42.8 69,160 48.0 509,407,659 37,574,805 546,982,464 6-Mar-17 7,441 5.2 60,398 41.9 67,839 47.1 37,582,246 509,468,057 547,050,303 7-Mar-17 7,282 5.1 59.707 41.5 66,989 46.5 37.589.528 509.527.764 547.117.292 8-Mar-17 7,322 5.1 58,898 40.9 66,220 46.0 37,596,850 509,586,662 547,183,512 9-Mar-17 8,589 6.0 56,835 39.5 65.424 45.4 37,605,439 509,643,497 547,248,936 10-Mar-17 11,293 7.8 59.984 41.7 71.277 547.320.213 49.5 37.616.732 509.703.481 11-Mar-17 11,344 7.9 59,275 41.2 70,619 49.0 37,628,076 509,762,756 547,390,832 11.238 7.8 40.0 68,870 12-Mar-17 57.632 47.8 37.639.314 509,820,388 547,459,702 7.8 39.4 67,876 13-Mar-17 11,191 56,685 47.1 37,650,505 509,877,073 547,527,578 14-Mar-17 10,856 7.5 55,796 38.7 66.652 46.3 509,932,869 547,594,230 37,661,361 7.4 15-Mar-17 10,654 56,372 39.1 67,026 46.5 37,672,015 509,989,241 547,661,256 16-Mar-17 9,748 6.8 55,114 38.3 64,862 547,726,118 45.0 37,681,763 510,044,355 17-Mar-17 9.380 6.5 54.347 37.7 63,727 44.3 37.691.143 510.098.702 547.789.845 37.2 18-Mar-17 9,594 6.7 53,593 63,187 43.9 37,700,737 510,152,295 547,853,032 19-Mar-17 9,748 6.8 53,441 37.1 63,189 43.9 37,710,485 510,205,736 547,916,22 20-Mar-17 9,484 6.6 52.826 36.7 62.310 43.3 37,719,969 510,258,562 547,978,531 21-Mar-17 9,371 6.5 52,651 36.6 62,022 43.1 510,311,213 548,040,553 37,729,340

Former IBM Kingston Site (TechCity Facility) Groundwater Collection System and North Parking Lot Area Extraction Data 02/05/18

Last Updated:

NPLA Total GWCS Average Cumulative Cumulative Cumulative Average Average Average Date **PS1 & PS2** Pumping Daily Flow Pumping Daily Flow Pumping Rate Gallons Gallons Gallons Pumped Dailv Rate (NPLA) (gal) Rate (GWCS) Treatment Treatment Sys Pumped Pumped System (gal) (NPLA only) (GWCS only) Flow (gal) (gpm) (gpm) (gpm) (Overall) 22-Mar-17 9.221 6.4 54.688 38.0 63.909 37.738.561 510.365.901 548.104.462 44.4 23-Mar-17 9,319 6.5 55,224 38.4 64,543 44.8 37,747,880 510,421,125 548,169,005 24-Mar-17 9,334 6.5 55,364 38.4 64,698 44.9 37,757,214 510,476,489 548,233,703 38.9 65,325 25-Mar-17 9,313 6.5 56.012 45.4 37,766,527 510,532,501 548,299,028 26-Mar-17 9,191 6.4 56,150 39.0 65,341 45.4 510,588,651 37,775,718 548,364,369 27-Mar-17 8,984 6.2 57,119 39.7 66,103 45.9 37,784,702 510,645,770 548,430,472 28-Mar-17 8,844 6.1 59,427 41.3 68,271 47.4 37,793,546 510,705,197 548,498,743 29-Mar-17 6.2 60,877 42.3 8,885 69.762 48.4 37,802,431 510,766,074 548,568,505 30-Mar-17 8.755 6.1 62.185 43.2 70.940 49.3 510.828.259 37.811.186 548.639.445 31-Mar-17 8,795 6.1 62,367 43.3 71,162 49.4 37,819,981 510,890,626 548,710,607 1-Apr-17 8,690 6.0 63,801 44.3 72,491 50.3 37,828,671 510,954,427 548,783,098 5.9 2-Apr-17 8,562 65,009 45.1 73,571 51.1 37,837,233 511,019,436 548,856,669 5.9 66,928 46.5 3-Apr-17 8,454 75.382 52.3 37,845,687 511,086,364 548,932,051 4-Apr-17 48.5 79.386 9.498 6.6 69.888 55.1 37.855.185 511.156.252 549.011.437 5-Apr-17 8,365 5.8 73,272 50.9 81,637 56.7 37,863,550 511,229,524 549,093,074 6-Apr-17 8.643 6.0 76,148 52.9 84.791 58.9 37,872,193 511,305,672 549.177.865 7-Apr-17 8,112 5.6 80,168 55.7 88,280 61.3 37,880,305 511,385,840 549,266,145 8-Apr-17 7,525 5.2 82,709 57.4 90.234 62.7 37,887,830 511,468,549 549,356,379 9-Apr-17 7,311 5.1 82,987 57.6 90,298 62.7 37,895,141 511,551,536 549,446,677 10-Apr-17 7,178 5.0 82,493 57.3 89,671 62.3 37,902,319 511,634,029 549,536,348 7,092 4.9 89,268 11-Apr-17 82.176 57.1 62.0 37,909,411 511,716,205 549,625,616 12-Apr-17 7,123 4.9 80.976 56.2 88.099 61.2 549,713,715 37,916,534 511,797,181 13-Apr-17 7,053 4.9 79,901 55.5 86,954 37,923,587 511,877,082 549,800,669 60.4 14-Apr-17 7,001 4.9 78,542 54.5 85,543 37,930,588 59.4 511,955,624 549,886,212 15-Apr-17 7,066 4.9 77,354 53.7 84,420 58.6 37,937,654 512,032,978 549,970,632 16-Apr-17 7,055 4.9 76.246 52.9 83,301 57.8 37.944.709 512.109.224 550.053.933 17-Apr-17 6,970 4.8 76,244 52.9 83,214 57.8 37,951,679 512,185,468 550,137,147 18-Apr-17 6,984 4.9 74,934 52.0 81.918 56.9 37,958,663 512,260,402 550,219,065 73,751 19-Apr-17 7,008 4.9 51.2 80,759 512,334,153 550.299.824 56.1 37.965.671 20-Apr-17 7,015 4.9 72,576 50.4 79,591 55.3 37,972,686 512,406,729 550,379,415 21-Apr-17 4.8 55.4 86,660 6.943 79.717 60.2 37,979,629 512,486,446 550,466,075 78,075 84,968 37,986,522 22-Apr-17 6,893 4.8 54.2 59.0 512,564,521 550,551,043 23-Apr-17 6,924 4.8 74,955 52.1 81.879 56.9 37,993,446 512,639,476 550,632,922 24-Apr-17 6,945 4.8 73,564 51.1 80,509 55.9 38,000,391 512,713,040 550,713,431 25-Apr-17 6,953 4.8 72,582 50.4 79,535 38,007,344 512,785,622 550,792,966 55.2 26-Apr-17 6.935 4.8 71.704 49.8 78,639 54.6 38.014.279 512,857,326 550.871.605 49.6 27-Apr-17 6,931 4.8 71,435 78,366 54.4 38,021,210 512,928,761 550,949,971 28-Apr-17 6,927 4.8 70,409 48.9 77,336 53.7 38,028,137 512,999,170 551,027,307 29-Apr-17 6.921 4.8 69,633 48.4 76,554 53.2 38.035.058 513,068,803 551.103.861 4.8 48.0 30-Apr-17 6.871 69,119 75,990 52.8 551,179,851 38,041,929 513,137,922

Former IBM Kingston Site (TechCity Facility)Groundwater Collection System and North Parking Lot Area Extraction DataLast Updated:02/05/18

	NPLA	Average	Total GWCS	Average	Average	Average	Cumulative	Cumulative	Cumulative
Date	PS1 & PS2	Pumping	Daily Flow	Pumping	Daily Flow	Pumping Rate	Gallons	Gallons	Gallons
	Daily	Rate (NPLA)		Rate (GWCS)	Treatment	Treatment Sys	Pumped	Pumped	Pumped
	Flow (gal)	(gpm)		(gpm)	System (gal)	(gpm)	(NPLA only)	(GWCS only)	(Overall)
1-May-17	6,924	4.8	68,269	47.4	75,193	52.2	38,048,853	513,206,191	551,255,044
2-May-17	6,832	4.7	67,827	47.1	74,659	51.8	38,055,685	513,274,018	551,329,703
3-May-17	6,878	4.8	67,799	47.1	74,677	51.9	38,062,563	513,341,817	551,404,380
4-May-17	6,721	4.7	67,179	46.7	73,900	51.3	38,069,284	513,408,996	551,478,280
5-May-17	6,746	4.7	66,683	46.3	73,429	51.0	38,076,030	513,475,679	551,551,709
6-May-17	7,149	5.0	68,280	47.4	75,429	52.4	38,083,179	513,543,959	551,627,138
7-May-17	7,414	5.1	71,614	49.7	79,028	54.9	38,090,593	513,615,573	551,706,166
8-May-17	6,546	4.5	73,633	51.1	80,179	55.7	38,097,139	513,689,206	551,786,345
9-May-17	6,403	4.4	74,474	51.7	80,877	56.2	38,103,542	513,763,680	551,867,222
10-May-17	6,342	4.4	75,163	52.2	81,505	56.6	38,109,884	513,838,843	551,948,727
11-May-17	6,239	4.3	74,635	51.8	80,874	56.2	38,116,123	513,913,478	552,029,601
12-May-17	6,247	4.3	73,858	51.3	80,105	55.6	38,122,370	513,987,336	552,109,706
13-May-17	6,141	4.3	73,345	50.9	79,486	55.2	38,128,511	514,060,681	552,189,192
14-May-17	6,225	4.3	74,237	51.6	80,462	55.9	38,134,736	514,134,918	552,269,654
15-May-17	5,957	4.1	74,901	52.0	80,858	56.2	38,140,693	514,209,819	552,350,512
16-May-17	6,041	4.2	74,429	51.7	80,470	55.9	38,146,734	514,284,248	552,430,982
17-May-17	5,817	4.0	73,950	51.4	79,767	55.4	38,152,551	514,358,198	552,510,749
18-May-17	5,758	4.0	72,787	50.5	78,545	54.5	38,158,309	514,430,985	552,589,294
19-May-17	5,719	4.0	72,509	50.4	78,228	54.3	38,164,028	514,503,494	552,667,522
20-May-17	5,799	4.0	71,767	49.8	77,566	53.9	38,169,827	514,575,261	552,745,088
21-May-17	5,772	4.0	70,906	49.2	76,678	53.2	38,175,599	514,646,167	552,821,766
22-May-17	5,807	4.0	70,306	48.8	76,113	52.9	38,181,406	514,716,473	552,897,879
23-May-17	5,927	4.1	69,496	48.3	75,423	52.4	38,187,333	514,785,969	552,973,302
24-May-17	5,663	3.9	68,810	47.8	74,473	51.7	38,192,996	514,854,779	553,047,775
25-May-17	5,688	4.0	68,432	47.5	74,120	51.5	38,198,684	514,923,211	553,121,895
26-May-17	5,629	3.9	68,736	47.7	74,365	51.6	38,204,313	514,991,947	553,196,260
27-May-17	5,664	3.9	68,676	47.7	74,340	51.6	38,209,977	515,060,623	553,270,600
28-May-17	5,639	3.9	68,166	47.3	73,805	51.3	38,215,616	515,128,789	553,344,405
29-May-17	5,569	3.9	67,548	46.9	73,117	50.8	38,221,185	515,196,337	553,417,522
30-May-17	5,545	3.9	67,552	46.9	73,097	50.8	38,226,730	515,263,889	553,490,619
31-May-17	5,647	3.9	66,677	46.3	72,324	50.2	38,232,377	515,330,566	553,562,943
1-Jun-17	5,447	3.8	66,265	46.0	71,712	49.8	38,237,824	515,396,831	553,634,655
2-Jun-17	5,559	3.9	65,590	45.5	71,149	49.4	38,243,383	515,462,421	553,705,804
3-Jun-17	5,464	3.8	65,256	45.3	70,720	49.1	38,248,847	515,527,677	553,776,524
4-Jun-17	5,448	3.8	64,489	44.8	69,937	48.6	38,254,295	515,592,166	553,846,461
5-Jun-17	6,038	4.2	64,256	44.6	70,294	48.8	38,260,333	515,656,422	553,916,755
6-Jun-17	6,032	4.2	66,487	46.2	72,519	50.4	38,266,365	515,722,909	553,989,274
7-Jun-17	5,643	3.9	69,058	48.0	74,701	51.9	38,272,008	515,791,967	554,063,975
8-Jun-17	5,198	3.6	69,327	48.1	74,525	51.8	38,277,206	515,861,294	554,138,500
9-Jun-17	5,463	3.8	69,549	48.3	75,012	52.1	38,282,669	515,930,843	554,213,512

Former IBM Kingston Site (TechCity Facility) Groundwater Collection System and North Parking Lot Area Extraction Data Last Updated: 02/05/18

NPLA Total GWCS Average Cumulative Cumulative Cumulative Average Average Average Date **PS1 & PS2** Pumping Daily Flow Pumping Daily Flow Gallons Gallons Gallons Pumping Rate Pumped Dailv Rate (NPLA) (gal) Rate (GWCS) Treatment Treatment Sys Pumped Pumped System (gal) (NPLA only) (GWCS only) Flow (gal) (gpm) (gpm) (gpm) (Overall) 10-Jun-17 5.156 3.6 69.154 48.0 74.310 38.287.825 51.6 515.999.997 554.287.822 11-Jun-17 5,388 3.7 68,155 47.3 73,543 51.1 38,293,213 516,068,152 554,361,365 3.7 46.9 12-Jun-17 5,284 67,549 72,833 50.6 38,298,497 516,135,701 554,434,198 3.7 71,930 13-Jun-17 5,276 66.654 46.3 50.0 38,303,773 516,202,355 554,506,128 14-Jun-17 5,432 3.8 65,977 45.8 71,409 49.6 554,577,537 38,309,205 516,268,332 15-Jun-17 5,815 4.0 66,427 46.1 72,242 50.2 38,315,020 516,334,759 554,649,779 16-Jun-17 9,043 6.3 64,964 45.1 74,007 51.4 38,324,063 516,399,723 554,723,786 17-Jun-17 8,814 6.1 64,295 44.6 73.109 50.8 38,332,877 516,464,018 554,796,895 18-Jun-17 8,919 6.2 63.576 44.2 72.495 50.3 516,527,594 38.341.796 554.869.390 19-Jun-17 9,003 6.3 62,665 43.5 71,668 49.8 38,350,799 516,590,259 554,941,058 20-Jun-17 8,981 6.2 62,828 43.6 71,809 49.9 38,359,780 516,653,087 555,012,867 21-Jun-17 8,979 6.2 62,577 43.5 71,556 49.7 38,368,759 516,715,664 555,084,423 6.2 43.0 22-Jun-17 8,960 61,942 70,902 49.2 38,377,719 516,777,606 555,155,325 23-Jun-17 8.979 42.3 69.947 6.2 60.968 48.6 38.386.698 516.838.574 555.225.272 24-Jun-17 8,923 6.2 61,055 42.4 69,978 48.6 38,395,621 516,899,629 555,295,250 25-Jun-17 8.924 6.2 60.609 42.1 69,533 48.3 38.404.545 516,960,238 555,364,783 26-Jun-17 8,905 6.2 60,048 41.7 68,953 47.9 38,413,450 517,020,286 555,433,736 27-Jun-17 8,855 6.1 59,787 41.5 68.642 47.7 38,422,305 517,080,073 555,502,378 28-Jun-17 8,769 6.1 59,460 41.3 68,229 47.4 38,431,074 517,139,533 555,570,607 29-Jun-17 8,738 6.1 58,708 40.8 67,446 46.8 38,439,812 517,198,241 555,638,053 6.3 67,407 30-Jun-17 9,011 58,396 40.6 46.8 38,448,823 517,256,637 555,705,460 1-Jul-17 6.0 59.409 41.3 68.010 47.2 8,601 38.457.424 517,316,046 555,773,470 60,288 2-Jul-17 8,449 5.9 41.9 68.737 47.7 38,465,873 517,376,334 555,842,207 3-Jul-17 5,337 3.7 38,463 26.7 43,800 30.4 517,414,797 38,471,210 555,886,007 4-Jul-17 5,428 3.8 67,348 46.8 72,776 50.5 38,476,638 517,482,145 555,958,783 5-Jul-17 8.050 43.4 70,545 5.6 62.495 49.0 38.484.688 517.544.640 556.029.328 6-Jul-17 8,317 5.8 59,348 41.2 67,665 47.0 38,493,005 517,603,988 556,096,993 7-Jul-17 8,249 5.7 58,078 40.3 66.327 46.1 38,501,254 517,662,066 556,163,320 8-Jul-17 7,940 5.5 57,318 39.8 65,258 45.3 517,719,384 556.228.578 38.509.194 9-Jul-17 8,176 5.7 56,729 39.4 64,905 45.1 38,517,370 517,776,113 556,293,483 10-Jul-17 55.782 38.7 63,919 8,137 5.7 44.4 38,525,507 517,831,895 556,357,402 7,787 63,147 11-Jul-17 5.4 55,360 38.4 43.9 38,533,294 517,887,255 556,420,549 12-Jul-17 7,953 5.5 54,748 38.0 62.701 43.5 517,942,003 556,483,250 38,541,247 13-Jul-17 7,804 5.4 54,262 37.7 62,066 43.1 38,549,051 517,996,265 556,545,316 14-Jul-17 7,391 5.1 54,293 37.7 61,684 38,556,442 518,050,558 42.8 556,607,000 15-Jul-17 7.519 5.2 53.809 37.4 61,328 42.6 38.563.961 518.104.367 556.668.328 37.1 60,936 16-Jul-17 7,441 5.2 53,495 42.3 38,571,402 518,157,862 556,729,264 17-Jul-17 7,108 4.9 52,690 36.6 59,798 41.5 38,578,510 518,210,552 556,789,062 18-Jul-17 7,673 5.3 42,255 29.3 49,928 34.7 38,586,183 518,252,807 556.838.990 5.4 19-Jul-17 7,842 43,802 30.4 51,644 35.9 518,296,609 556,890,634 38,594,025

Former IBM Kingston Site (TechCity Facility)Groundwater Collection System and North Parking Lot Area Extraction DataLast Updated:02/05/18

	NPLA	Average	Total GWCS	Average	Average	Average	Cumulative	Cumulative	Cumulative
Date	PS1 & PS2	Pumping	Daily Flow	Pumping	Daily Flow	Pumping Rate	Gallons	Gallons	Gallons
	Daily	Rate (NPLA)	(gal)	Rate (GWCS)	Treatment	Treatment Sys	Pumped	Pumped	Pumped
	Flow (gal)	(gpm)		(gpm)	System (gal)	(gpm)	(NPLA only)	(GWCS only)	(Overall)
20-Jul-17	7,617	5.3	46,418	32.2	54,035	37.5	38,601,642	518,343,027	556,944,669
21-Jul-17	7,737	5.4	46,456	32.3	54,193	37.6	38,609,379	518,389,483	556,998,862
22-Jul-17	7,339	5.1	46,249	32.1	53,588	37.2	38,616,718	518,435,732	557,052,450
23-Jul-17	7,427	5.2	45,703	31.7	53,130	36.9	38,624,145	518,481,435	557,105,580
24-Jul-17	7,297	5.1	46,143	32.0	53,440	37.1	38,631,442	518,527,578	557,159,020
25-Jul-17	7,223	5.0	46,413	32.2	53,636	37.2	38,638,665	518,573,991	557,212,656
26-Jul-17	7,134	5.0	46,212	32.1	53,346	37.0	38,645,799	518,620,203	557,266,002
27-Jul-17	6,641	4.6	59,232	41.1	65,873	45.7	38,652,440	518,679,435	557,331,875
28-Jul-17	6,868	4.8	51,973	36.1	58,841	40.9	38,659,308	518,731,408	557,390,716
29-Jul-17	6,773	4.7	50,124	34.8	56,897	39.5	38,666,081	518,781,532	557,447,613
30-Jul-17	6,419	4.5	49,524	34.4	55,943	38.8	38,672,500	518,831,056	557,503,556
31-Jul-17	6,503	4.5	48,364	33.6	54,867	38.1	38,679,003	518,879,420	557,558,423
1-Aug-17	6,379	4.4	48,135	33.4	54,514	37.9	38,685,382	518,927,555	557,612,937
2-Aug-17	6,209	4.3	39,979	27.8	46,188	32.1	38,691,591	518,967,534	557,659,125
3-Aug-17	5,500	3.8	38,156	26.5	43,656	30.3	38,697,091	519,005,690	557,702,781
4-Aug-17	5,305	3.7	42,237	29.3	47,542	33.0	38,702,396	519,047,927	557,750,323
5-Aug-17	4,853	3.4	52,663	36.6	57,516	39.9	38,707,249	519,100,590	557,807,839
6-Aug-17	5,860	4.1	47,718	33.1	53,578	37.2	38,713,109	519,148,308	557,861,417
7-Aug-17	5,710	4.0	44,225	30.7	49,935	34.7	38,718,819	519,192,533	557,911,352
8-Aug-17	5,641	3.9	44,840	31.1	50,481	35.1	38,724,460	519,237,373	557,961,833
9-Aug-17	5,127	3.6	45,108	31.3	50,235	34.9	38,729,587	519,282,481	558,012,068
10-Aug-17	5,188	3.6	43,951	30.5	49,139	34.1	38,734,775	519,326,432	558,061,207
11-Aug-17	5,109	3.5	43,135	30.0	48,244	33.5	38,739,884	519,369,567	558,109,451
12-Aug-17	4,945	3.4	45,147	31.4	50,092	34.8	38,744,829	519,414,714	558,159,543
13-Aug-17	4,951	3.4	44,543	30.9	49,494	34.4	38,749,780	519,459,257	558,209,037
14-Aug-17	4,695	3.3	46,013	32.0	50,708	35.2	38,754,475	519,505,270	558,259,745
15-Aug-17	4,916	3.4	45,140	31.3	50,056	34.8	38,759,391	519,550,410	558,309,801
16-Aug-17	4,878	3.4	44,154	30.7	49,032	34.1	38,764,269	519,594,564	558,358,833
17-Aug-17	4,853	3.4	43,638	30.3	48,491	33.7	38,769,122	519,638,202	558,407,324
18-Aug-17	4,568	3.2	43,662	30.3	48,230	33.5	38,773,690	519,681,864	558,455,554
19-Aug-17	4,737	3.3	42,987	29.9	47,724	33.1	38,778,427	519,724,851	558,503,278
20-Aug-17	4,708	3.3	42,613	29.6	47,321	32.9	38,783,135	519,767,464	558,550,599
21-Aug-17	4,434	3.1	43,253	30.0	47,687	33.1	38,787,569	519,810,717	558,598,286
22-Aug-17	4,588	3.2	41,658	28.9	46,246	32.1	38,792,157	519,852,375	558,644,532
23-Aug-17	4,538	3.2	42,543	29.5	47,081	32.7	38,796,695	519,894,918	558,691,613
24-Aug-17	4,260	3.0	42,613	29.6	46,873	32.6	38,800,955	519,937,531	558,738,486
25-Aug-17	4,347	3.0	51,786	36.0	56,133	39.0	38,805,302	519,989,317	558,794,619
26-Aug-17	4,428	3.1	40,854	28.4	45,282	31.4	38,809,730	520,030,171	558,839,901
27-Aug-17	4,150	2.9	39,962	27.8	44,112	30.6	38,813,880	520,070,133	558,884,013
28-Aug-17	4,224	2.9	39,459	27.4	43,683	30.3	38,818,104	520,109,592	558,927,696

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	NPLA	Average	Total GWCS	Average	Average	Average	Cumulative	Cumulative	Cumulative
Date	PS1 & PS2	Pumping	Daily Flow	Pumping	Daily Flow	Pumping Rate	Gallons	Gallons	Gallons
	Daily	Rate (NPLA)	(gal)	Rate (GWCS)	Treatment	Treatment Sys	Pumped	Pumped	Pumped
	Flow (gal)	(gpm)		(gpm)	System (gal)	(gpm)	(NPLA only)	(GWCS only)	(Overall)
29-Aug-17	4,296	3.0	39,290	27.3	43,586	30.3	38,822,400	520,148,882	558,971,282
30-Aug-17	4,032	2.8	38,609	26.8	42,641	29.6	38,826,432	520,187,491	559,013,923
31-Aug-17	4,091	2.8	38,401	26.7	42,492	29.5	38,830,523	520,225,892	559,056,415
1-Sep-17	4,022	2.8	39,161	27.2	43,183	30.0	38,834,545	520,265,053	559,099,598
2-Sep-17	3,967	2.8	38,270	26.6	42,237	29.3	38,838,512	520,303,323	559,141,835
3-Sep-17	3,908	2.7	37,136	25.8	41,044	28.5	38,842,420	520,340,459	559,182,879
4-Sep-17	3,895	2.7	38,948	27.0	42,843	29.8	38,846,315	520,379,407	559,225,722
5-Sep-17	3,895	2.7	37,567	26.1	41,462	28.8	38,850,210	520,416,974	559,267,184
6-Sep-17	3,855	2.7	37,930	26.3	41,785	29.0	38,854,065	520,454,904	559,308,969
7-Sep-17	3,927	2.7	39,291	27.3	43,218	30.0	38,857,992	520,494,195	559,352,187
8-Sep-17	3,775	2.6	40,329	28.0	44,104	30.6	38,861,767	520,534,524	559,396,291
9-Sep-17	3,744	2.6	40,404	28.1	44,148	30.7	38,865,511	520,574,928	559,440,439
10-Sep-17	3,858	2.7	40,680	28.3	44,538	30.9	38,869,369	520,615,608	559,484,977
11-Sep-17	3,783	2.6	38,990	27.1	42,773	29.7	38,873,152	520,654,598	559,527,750
12-Sep-17	3,694	2.6	38,772	26.9	42,466	29.5	38,876,846	520,693,370	559,570,216
13-Sep-17	3,527	2.4	39,632	27.5	43,159	30.0	38,880,373	520,733,002	559,613,375
14-Sep-17	3,596	2.5	37,935	26.3	41,531	28.8	38,883,969	520,770,937	559,654,906
15-Sep-17	3,572	2.5	39,771	27.6	43,343	30.1	38,887,541	520,810,708	559,698,249
16-Sep-17	3,523	2.4	37,674	26.2	41,197	28.6	38,891,064	520,848,382	559,739,446
17-Sep-17	3,360	2.3	38,619	26.8	41,979	29.2	38,894,424	520,887,001	559,781,425
18-Sep-17	3,502	2.4	36,813	25.6	40,315	28.0	38,897,926	520,923,814	559,821,740
19-Sep-17	3,484	2.4	37,679	26.2	41,163	28.6	38,901,410	520,961,493	559,862,903
20-Sep-17	3,274	2.3	36,528	25.4	39,802	27.6	38,904,684	520,998,021	559,902,705
21-Sep-17	3,447	2.4	37,100	25.8	40,547	28.2	38,908,131	521,035,121	559,943,252
22-Sep-17	3,480	2.4	36,659	25.5	40,139	27.9	38,911,611	521,071,780	559,983,391
23-Sep-17	3,437	2.4	35,754	24.8	39,191	27.2	38,915,048	521,107,534	560,022,582
24-Sep-17	3,398	2.4	36,010	25.0	39,408	27.4	38,918,446	521,143,544	560,061,990
25-Sep-17	3,374	2.3	35,696	24.8	39,070	27.1	38,921,820	521,179,240	560,101,060
26-Sep-17	3,369	2.3	35,694	24.8	39,063	27.1	38,925,189	521,214,934	560,140,123
27-Sep-17	3,370	2.3	34,202	23.8	37,572	26.1	38,928,559	521,249,136	560,177,695
28-Sep-17	3,338	2.3	36,394	25.3	39,732	27.6	38,931,897	521,285,530	560,217,427
29-Sep-17	3,324	2.3	34,614	24.0	37,938	26.3	38,935,221	521,320,144	560,255,365
30-Sep-17	3,382	2.3	35,422	24.6	38,804	26.9	38,938,603	521,355,566	560,294,169
1-Oct-17	3,248	2.3	34,922	24.3	38,170	26.5	38,941,851	521,390,488	560,332,339
2-Oct-17	3,203	2.2	35,449	24.6	38,652	26.8	38,945,054	521,425,937	560,370,991
3-Oct-17	3,252	2.3	34,108	23.7	37,360	25.9	38,948,306	521,460,045	560,408,351
4-Oct-17	3,130	2.2	33,416	23.2	36,546	25.4	38,951,436	521,493,461	560,444,897
5-Oct-17	3,187	2.2	33,798	23.5	36,985	25.7	38,954,623	521,527,259	560,481,882
6-Oct-17	3,077	2.1	33,166	23.0	36,243	25.2	38,957,700	521,560,425	560,518,125
7-Oct-17	3,122	2.2	32,718	22.7	35,840	24.9	38,960,822	521,593,143	560,553,965

Former IBM Kingston Site (TechCity Facility) Groundwater Collection System and North Parking Lot Area Extraction Data Last Updated: 02/05/18

NPLA Total GWCS Average Cumulative Cumulative Cumulative Average Average Average Date **PS1 & PS2** Pumping Daily Flow Pumping Daily Flow Pumping Rate Gallons Gallons Gallons Pumped Dailv Rate (NPLA) (gal) Rate (GWCS) Treatment Treatment Sys Pumped Pumped System (gal) (NPLA only) (GWCS only) Flow (gal) (gpm) (gpm) (gpm) (Overall) 8-Oct-17 2.704 1.9 34.242 23.8 36.946 38.963.526 521.627.385 560.590.911 25.7 9-Oct-17 3,100 2.2 32,788 22.8 35,888 24.9 38,966,626 521,660,173 560,626,799 10-Oct-17 3,008 2.1 34,994 24.3 38,002 26.4 38,969,634 521,695,167 560,664,801 23.8 11-Oct-17 2,995 2.1 34,338 37,333 25.9 38,972,629 521,729,505 560.702.134 12-Oct-17 2,990 2.1 35,517 24.7 38,507 521,765,022 560,740,641 26.7 38,975,619 13-Oct-17 3,008 2.1 34,446 23.9 37,454 26.0 38,978,627 521,799,468 560,778,095 14-Oct-17 2,999 2.1 33,044 22.9 36,043 25.0 38,981,626 521,832,512 560,814,138 15-Oct-17 2,901 2.0 33,337 23.2 36.238 25.2 38,984,527 521,865,849 560,850,376 16-Oct-17 2,984 2.1 33.848 23.5 36,832 25.6 38.987.511 521.899.697 560.887.208 17-Oct-17 2,955 2.1 33,851 23.5 36,806 25.6 38,990,466 521,933,548 560,924,014 18-Oct-17 2,938 2.0 32,939 22.9 35,877 24.9 38,993,404 521,966,487 560,959,891 2.0 19-Oct-17 2,835 32,146 22.3 34,981 24.3 38,996,239 521,998,633 560,994,872 20-Oct-17 2.0 2,908 32.601 22.6 35,509 24.7 38,999,147 522,031,234 561,030,381 21-Oct-17 2.0 33.292 23.1 36.175 2,883 25.1 39.002.030 522.064.526 561.066.556 22-Oct-17 2,773 1.9 31,553 21.9 34,326 23.8 522,096,079 39,004,803 561,100,882 23-Oct-17 2.853 2.0 31.077 21.6 33,930 23.6 39,007,656 522,127,156 561,134,812 24-Oct-17 2,739 1.9 31,154 21.6 33,893 23.5 39,010,395 522,158,310 561,168,705 25-Oct-17 2,717 1.9 31,730 22.0 34.447 23.9 522,190,040 39,013,112 561,203,152 26-Oct-17 2,779 1.9 32,918 22.9 35,697 24.8 39,015,891 522,222,958 561,238,849 27-Oct-17 2,640 1.8 31,057 21.6 33,697 23.4 39,018,531 522,254,015 561,272,546 28-Oct-17 1.8 22.0 34,292 2,600 31,692 23.8 39,021,131 522,285,707 561,306,838 29-Oct-17 3.0 28,103 19.5 32,363 22.5 561.339.201 4,260 39,025,391 522,313,810 2.3 26.2 30-Oct-17 3,322 37,683 41.005 28.5 522,351,493 561,380,206 39,028,713 31-Oct-17 2,540 1.8 38,271 26.6 40,811 28.3 522,389,764 39,031,253 561,421,017 1-Nov-17 2,516 1.7 37,620 26.1 40,136 27.9 39,033,769 522,427,384 561,461,153 2-Nov-17 2.490 37.012 25.7 39,502 561.500.655 1.7 27.4 39.036.259 522.464.396 3-Nov-17 2.445 1.7 37,105 25.8 39,550 27.5 39,038,704 522,501,501 561,540,205 4-Nov-17 2,405 1.7 37,249 25.9 39.654 27.5 39,041,109 522,538,750 561,579,859 5-Nov-17 2,374 1.6 35,614 24.7 37,988 39.043.483 522.574.364 26.4 561.617.847 36,519 6-Nov-17 2,123 1.5 25.4 38,642 26.8 39,045,606 522,610,883 561,656,489 7-Nov-17 1.6 25.7 39,325 2.248 37.077 27.3 39,047,854 522,647,960 561,695,814 24.7 37,788 8-Nov-17 2,169 1.5 35,619 39,050,023 522,683,579 561,733,602 26.2 9-Nov-17 1,969 1.4 34,715 24.1 36.684 25.5 522,718,294 561,770,286 39,051,992 25.1 10-Nov-17 1,936 1.3 36,159 38,095 26.5 39,053,928 522,754,453 561,808,381 11-Nov-17 2,719 1.9 35,339 24.5 38,058 522,789,792 26.4 39,056,647 561,846,439 12-Nov-17 3.761 2.6 34.610 24.0 38.371 26.6 39.060.408 522.824.402 561,884,810 13-Nov-17 23.9 38,242 3,781 2.6 34,461 26.6 39,064,189 522,858,863 561,923,052 14-Nov-17 3,686 2.6 33,527 23.3 37,213 25.8 39,067,875 522,892,390 561,960,265 33,658 15-Nov-17 3,779 2.6 23.4 37,437 26.0 39,071,654 522,926,048 561,997,702 2.6 23.0 16-Nov-17 3,812 33,189 37,001 25.7 562,034,703 39,075,466 522,959,237

Former IBM Kingston Site (TechCity Facility) Groundwater Collection System and North Parking Lot Area Extraction Data Last Updated: 02/05/18

NPLA Total GWCS Average Cumulative Cumulative Cumulative Average Average Average Date **PS1 & PS2** Pumping Daily Flow Pumping Daily Flow Pumping Rate Gallons Gallons Gallons Pumped Dailv Rate (NPLA) (gal) Rate (GWCS) Treatment Treatment Sys Pumped Pumped System (gal) (NPLA only) (GWCS only) Flow (gal) (gpm) (gpm) (gpm) (Overall) 17-Nov-17 3.745 2.6 33.629 23.4 37.374 39.079.211 522.992.866 26.0 562.072.077 18-Nov-17 3,688 2.6 30,764 21.4 34,452 23.9 39,082,899 523,023,630 562,106,529 2.4 23.3 19-Nov-17 3,509 33,608 37,117 25.8 39,086,408 523,057,238 562,143,646 20-Nov-17 2.5 22.9 36,540 3,534 33.006 25.4 39.089.942 523,090,244 562.180.186 21-Nov-17 3,462 2.4 33,245 23.1 36,707 39,093,404 562,216,893 25.5 523,123,489 22-Nov-17 3,452 2.4 31,337 21.8 34,789 24.2 39,096,856 523,154,826 562,251,682 23-Nov-17 3,270 2.3 32,820 22.8 36,090 25.1 39,100,126 523,187,646 562,287,772 24-Nov-17 3,323 2.3 31,267 21.7 34.590 24.0 39,103,449 523,218,913 562,322,362 25-Nov-17 3,260 2.3 31.139 21.6 34,399 23.9 523,250,052 39.106.709 562.356.761 26-Nov-17 3,208 2.2 31,660 22.0 34,868 24.2 39,109,917 523,281,712 562,391,629 27-Nov-17 3,191 2.2 32,872 22.8 36,063 25.0 39,113,108 523,314,584 562,427,692 2.1 523,345.607 28-Nov-17 3,078 31,023 21.5 34,101 23.7 39,116,186 562,461,793 29-Nov-17 21.7 3,153 2.2 31,319 34.472 23.9 39,119,339 523,376,926 562.496.265 30-Nov-17 3,150 2.2 29.970 20.8 33.120 23.0 39.122.489 523.406.896 562.529.385 1-Dec-17 3,175 2.2 30,866 21.4 34,041 23.6 523,437,762 562,563,426 39,125,664 2-Dec-17 3.183 2.2 30.374 21.1 33,557 23.3 562,596,983 39,128,847 523,468,136 3-Dec-17 3,170 2.2 31,396 21.8 34,566 24.0 39,132,017 523,499,532 562,631,549 4-Dec-17 3,119 2.2 19,396 13.5 22.515 15.6 39,135,136 523,518,928 562,654,064 5-Dec-17 3,289 2.3 34.087 23.7 37,376 26.0 39,138,425 523,553,015 562,691,440 6-Dec-17 3,126 2.2 32,009 22.2 35,135 24.4 39,141,551 523,585,024 562,726,575 7-Dec-17 2.2 29,828 20.7 32,934 3,106 22.9 39,144,657 523,614,852 562,759,509 8-Dec-17 3,074 2.1 30.521 21.2 33.595 23.3 562,793,104 39,147,731 523,645,373 2.2 20.0 9-Dec-17 3,157 28,808 31.965 22.2 39,150,888 523,674,181 562,825,069 10-Dec-17 3,056 2.1 31,339 21.8 34,395 23.9 523,705,520 39,153,944 562,859,464 11-Dec-17 3,049 2.1 29,382 20.4 32,431 22.5 39,156,993 523,734,902 562,891,895 3,092 2.1 18.7 30.083 12-Dec-17 26,991 20.9 39.160.085 523.761.893 562,921,978 13-Dec-17 3,132 2.2 29,751 20.7 32,883 22.8 39,163,217 523,791,644 562,954,861 14-Dec-17 3,046 2.1 30,590 21.2 33.636 23.4 39,166,263 523,822,234 562,988,497 15-Dec-17 3.049 2.1 29,259 20.3 32,308 22.4 563.020.805 39.169.312 523,851,493 16-Dec-17 3,163 2.2 29,895 20.8 33,058 23.0 39,172,475 523,881,388 563,053,863 17-Dec-17 2.1 29.323 20.4 32.410 3.087 22.5 39,175,562 523.910.711 563.086.273 2.2 18-Dec-17 3,109 27,701 19.2 30,810 39,178,671 523,938,412 21.4 563,117,083 19-Dec-17 3,180 2.2 28,560 19.8 31.740 22.0 39,181,851 523,966,972 563,148,823 20.2 20-Dec-17 3,071 2.1 29,026 32,097 22.3 39,184,922 523,995,998 563,180,920 21-Dec-17 3,128 2.2 29,643 20.6 32,771 22.8 563,213,691 39,188,050 524,025,64 22-Dec-17 3.094 2.1 27.678 19.2 30.772 21.4 39.191.144 524,053,319 563.244.463 23-Dec-17 3,010 2.1 28,062 19.5 31,072 21.6 39,194,154 524,081,381 563,275,535 24-Dec-17 3,023 2.1 29,370 20.4 32,393 22.5 39,197,177 524,110,751 563,307,928 25-Dec-17 3,004 2.1 29,994 20.8 32,998 22.9 39.200.181 524,140,745 563.340.926 2.1 20.7 26-Dec-17 3,064 29,873 32,937 22.9 39,203,245 524,170,618 563,373,863

Former IBM Kingston Site (TechCity Facility)Groundwater Collection System and North Parking Lot Area Extraction DataLast Updated:02/05/18

	NPLA	Average	Total GWCS	Average	Average	Average	Cumulative	Cumulative	Cumulative
Date	PS1 & PS2	Pumping	Daily Flow	Pumping	Daily Flow	Pumping Rate	Gallons	Gallons	Gallons
	Daily	Rate (NPLA)	(gal)	Rate (GWCS)	Treatment	Treatment Sys	Pumped	Pumped	Pumped
	Flow (gal)	(gpm)		(gpm)	System (gal)	(gpm)	(NPLA only)	(GWCS only)	(Overall)
27-Dec-17	3,058	2.1	29,982	20.8	33,040	22.9	39,206,303	524,200,600	563,406,903
28-Dec-17	2,969	2.1	29,240	20.3	32,209	22.4	39,209,272	524,229,840	563,439,112
29-Dec-17	2,960	2.1	29,495	20.5	32,455	22.5	39,212,232	524,259,335	563,471,567
30-Dec-17	3,024	2.1	28,130	19.5	31,154	21.6	39,215,256	524,287,465	563,502,721
31-Dec-17	3,015	2.1	30,116	20.9	33,131	23.0	39,218,271	524,317,581	563,535,852

Appendix D

Groundwater Extraction and Treatment System Data Report including Flux Calculations

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		GWCS UP AS GROUNDWATER 01/06/17 420115335-3 01	GWCS UP AS GROUNDWATER 01/12/17 420115557-2 01	GWCS UP AS GROUNDWATER 02/02/17 420116386-3 01	GWCS UP AS GROUNDWATER 02/14/17 420116806-2 01	GWCS UP AS GROUNDWATER 03/02/17 420117591-3 01	GWCS UP AS GROUNDWATER 03/12/17 420117999-2 01
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS							
PH TEMPERATURE TOTAL DISSOLVED SOLIDS TOTAL SUSPENDED SOLIDS	pH C mg/l mg/l	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA
METALS							
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
VOLATILE ORGANICS							
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	49	58	70	99	72	91D
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1, 1-DICHLOROETHANE	ug/l	18	20	23	25	23	22 15
1,1-DICHLOROETHYLENE 1,2,3-TRICHLOROPROPANE	ug/l ug/l	10 ND@1	10 ND@1	13 ND@1	15 ND@1	14 ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	58	62	65	46	64	41
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ACROLEIN	ug/l	ND@2	ND@2	ND@2	ND@2	ND@2	ND@2
ACRYLONITRILE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE BROMODICHLOROMETHANE	ug/l ug/l	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1
DIGHODICILORONEITHNE	43/ T	MING T	NDGT	THINGT	INDET	NDer	INDET

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SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES PARAMETER	GF	01/06/17	GWCS UP AS SROUNDWATER 01/12/17 420115557-2 01	GWCS UP AS GROUNDWATER 02/02/17 420116386-3 01	GWCS UP AS GROUNDWATER 02/14/17 420116806-2 01	GWCS UP AS GROUNDWATER 03/02/17 420117591-3 01	GWCS UP AS GROUNDWATER 03/12/17 420117999-2 01
PARAPETER	UNITS .						
VOLATILE ORGANICS (Continued)							
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	3.0	3.4	3.3	2.5	3.0	2.4
TOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	100D	100D	110D	92	100D	86
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

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SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		GWCS UP AS GROUNDWATER 04/06/17 420119059-3 01	GWCS UP AS GROUNDWATER 04/13/17 420119400-2 01	GWCS UP AS GROUNDWATER 05/04/17 420120339-3 01	GWCS UP AS GROUNDWATER 05/12/17 420120789-2 01	GWCS UP AS GROUNDWATER 06/01/17 420121542-3 01	GWCS UP AS GROUNDWATER 06/08/17 420121923-2 01
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS							
PH TEMPERATURE TOTAL DISSOLVED SOLIDS TOTAL SUSPENDED SOLIDS	pH C mg/l mg/l	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA NA	NA NA NA
METALS							
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
VOLATILE ORGANICS							
<pre>1,1,1,2-TETRACHLOROETHANE 1,1,1-TRICHLOROETHANE 1,1,2,TRICHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE 1,1-DICHLOROETHANE 1,1-DICHLOROETHANE 1,2-JICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROETHANE 1,2-DICHLOROPROPANE 4-CHLOROTOLUENE ACROLEIN ACRYLONITRILE BENZYL CHLORIDE DROMOENTENTE</pre>	ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1 ug/1	ND@1 74 ND@1 ND@1 ND@1 19 14 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	89 ND@1 ND@1 20 14 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	62 ND@1 ND@1 20 11 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 N	68 ND@1 ND@1 18 12 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	50 ND@1 ND@1 17 9.0 ND@1 1.1 57 ND@1 ND@1 ND@1 ND@1 ND@1 ND@1	52 ND@1 ND@1 16 8.8 ND@1 ND@1 1.1 53 ND@1 ND@1 ND@1 ND@1 ND@1
BROMOBENZENE BROMODICHLOROMETHANE	ug/l ug/l	ND@1. ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		GWCS UP AS GROUNDWATER 04/06/17 420119059-3 01	GWCS UP AS GROUNDWATER 04/13/17 420119400-2 01	GWCS UP AS GROUNDWATER 05/04/17 420120339-3 01	GWCS UP AS GROUNDWATER 05/12/17 420120789-2 01	GWCS UP AS GROUNDWATER 06/01/17 420121542-3 01	GWCS UP AS GROUNDWATER 06/08/17 420121923-2 01
PARAMETER	UNITS						
VOLATILE ORGANICS (Continued)							
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	4.0	2.9	3.0	2.1	2.6	2.9
TOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	97D	96	93D	81	94D	93D
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		GWCS UP AS GROUNDWATER 07/06/17 420123217-3 01	GWCS UP AS GROUNDWATER 07/13/17 420123602-2 01	GWCS UP AS GROUNDWATER 08/03/17 420124565-3 01	GWCS UP AS GROUNDWATER 08/10/17 420124977-2 01	GWCS UP AS GROUNDWATER 09/07/17 420126133-3 01	GWCS UP AS GROUNDWATER 09/14/17 420126422-2 01
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS							
PH TEMPERATURE TOTAL DISSOLVED SOLIDS TOTAL SUSPENDED SOLIDS	pH C mg/l mg/l	NA NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA
METALS							
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
VOLATILE ORGANICS							
1, 1, 1, 2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE 1,1,2,2-TETRACHLOROETHANE	ug/l ug/l	92 ND@1	63 ND@1	54 ND@1	65 ND@1	66 ND@1	66 ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/1	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	17	20	15	19	20	20
1,1-DICHLOROETHYLENE	ug/l	13	9.6	8.4	9.5	11	9.8
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	1.1	1.2	1.3	1.1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	41	58	46	60	64	62
1,2-DICHLOROPROPANE 4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1 ND@1
4-CHLOROTOLDENE ACROLEIN	ug/l	ND@1 ND@2	ND@1 ND@2	ND@1 ND@2	ND@1 ND@2	ND@1 ND@2	ND@1 ND@2
ACRYLONITRILE	ug/l ug/l	ND@2 ND@1	ND@2 ND@1	ND@2 ND@1	ND@2 ND@1	ND@2 ND@1	ND@2 ND@1
BENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/1	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

03/08/18

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		GWCS UP AS GROUNDWATER 07/06/17 420123217-3 01	GWCS UP AS GROUNDWATER 07/13/17 420123602-2 01	GWCS UP AS GROUNDWATER 08/03/17 420124565-3 01	GWCS UP AS GROUNDWATER 08/10/17 420124977-2 01	GWCS UP AS GROUNDWATER 09/07/17 420126133-3 01	GWCS UP AS GROUNDWATER 09/14/17 420126422-2 01
PARAMETER	UNITS						
VOLATILE ORGANICS (Continued)							
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/l	ND@1	ND@l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	1.8	3.2	2.7	2.8	2.9	2.8
TOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	78	97D	88	98D	100D	96D
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		GWCS UP AS GROUNDWATER 10/05/17 420127397-3 01	GWCS UP AS GROUNDWATER 10/12/17 420127739-2 01	GWCS UP AS GROUNDWATER 11/03/17 420128715-3 01	GWCS UP AS GROUNDWATER 11/09/17 420129015-2 01	GWCS UP AS GROUNDWATER 12/07/17 420130284-3 01	GWCS UP AS GROUNDWATER 12/14/17 420130611-2 01
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS							
PH TEMPERATURE TOTAL DISSOLVED SOLIDS TOTAL SUSPENDED SOLIDS	pH C mg/l mg/l	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA
METALS							
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
VOLATILE ORGANICS							
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	80	59	75	77	42	46
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1 ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1 20	ND@1 18	ND@1 21	ND@1 22	ND@1 15	16
1,1-DICHLOROETHANE 1,1-DICHLOROETHYLENE	ug/l ug/l	13	9.2	12	13	7.5	7.9
1,1-DICHLOROEINILENE 1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/1	ND@1	1.1	ND@1	1.0	1.0	1.1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	38	54	37	36	48	51
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ACROLEIN	ug/l	ND@2	ND@2	ND@2	ND@2	ND@2	ND@2
ACRYLONITRILE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1 ND@1
BENZENE	ug/l	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1
BENZYL CHLORIDE BROMOBENZENE	ug/l ug/l	ND@1 ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE BROMODICHLOROMETHANE	ug/1 ug/1	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		GWCS UP AS GROUNDWATER 10/05/17 420127397-3 01	GWCS UP AS GROUNDWATER 10/12/17 420127739-2 01	GWCS UP AS GROUNDWATER 11/03/17 420128715-3 01	GWCS UP AS GROUNDWATER 11/09/17 420129015-2 01	GWCS UP AS GROUNDWATER 12/07/17 420130284-3 01	GWCS UP AS GROUNDWATER 12/14/17 420130611-2 01
PARAMETER	UNITS						
VOLATILE ORGANICS (Continued)							
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	2.2	2.7	1.9	1.8	2.5	2.7
TOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	78	96D	72	71	94	89D
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		NPLA INFL GROUNDWATER 01/06/17 420115335-2 01	NPLA INFL GROUNDWATER 02/02/17 420116386-2 01	NPLA INFL GROUNDWATER 03/02/17 420117591-2 01	NPLA INFL GROUNDWATER 04/06/17 420119059-2 01	NPLA INFL GROUNDWATER 05/04/17 420120339-2 01	NPLA INFL GROUNDWATER 06/01/17 420121542-2 01
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS							
PH TEMPERATURE TOTAL DISSOLVED SOLIDS TOTAL SUSPENDED SOLIDS	pH C mg/l mg/l	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA NA	NA NA NA
METALS							
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
VOLATILE ORGANICS							
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1 85
1,1,1-TRICHLOROETHANE	ug/l	6.6	8.6	ND@1	4.5 ND@1	ND@1 ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE 1,1,2-TRICHLOROETHANE	ug/l ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	2.5	3.2	ND@1	1.6	ND@1	29
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	6.9
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	6.9	12	1.1	3.9	ND@1	140D
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
4 - CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ACROLEIN	ug/l	ND@2	ND@2	ND@2	ND@2	ND@2	ND@2
ACRYLONITRILE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1 ND@1	ND@1 ND@1
BENZENE	ug/1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1
BENZYL CHLORIDE BROMOBENZENE	ug/l ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		NPLA INFL GROUNDWATER 01/06/17 420115335-2 01	NPLA INFL GROUNDWATER 02/02/17 420116386-2 01	NPLA INFL GROUNDWATER 03/02/17 420117591-2 01	NPLA INFL GROUNDWATER 04/06/17 420119059-2 01	NPLA INFL GROUNDWATER 05/04/17 420120339-2 01	NPLA INFL GROUNDWATER 06/01/17 420121542-2 01
PARAMETER	UNITS						
VOLATILE ORGANICS (Continued)							
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@l	ND@1
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	1.2	1.4	1.4	1.2	1.5	2.5
TOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	11	22	2.8	7.9	2.0	63
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	1.8
XYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		NPLA INFL GROUNDWATER 07/06/17 420123217-2 01	NPLA INFL GROUNDWATER 08/03/17 420124565-2 01	NPLA INFL GROUNDWATER 09/07/17 420126133-2 01	NPLA INFL GROUNDWATER 10/05/17 420127397-2 01	NPLA INFL GROUNDWATER 11/03/17 420128715-2 01	NPLA INFL GROUNDWATER 12/07/17 420130284-2 01
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS							
PH TEMPERATURE TOTAL DISSOLVED SOLIDS TOTAL SUSPENDED SOLIDS	pH C mg/l mg/l	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA
METALS							
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
VOLATILE ORGANICS							
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	1.5	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1 ND@1
1, 1-DICHLOROETHYLENE	ug/1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1
1,2,3-TRICHLOROPROPANE 1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/1	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	2.4	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
4 - CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ACROLEIN	ug/l	ND@2	ND@2	ND@2	ND@2	ND@2	ND@2
ACRYLONITRILE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE BROMODICHLOROMETHANE	ug/l ug/l	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		NPLA INFL GROUNDWATER 07/06/17 420123217-2 01	NPLA INFL GROUNDWATER 08/03/17 420124565-2 01	NPLA INFL GROUNDWATER 09/07/17 420126133-2 01	NPLA INFL GROUNDWATER 10/05/17 420127397-2 01	NPLA INFL GROUNDWATER 11/03/17 420128715-2 01	NPLA INFL GROUNDWATER 12/07/17 420130284-2 01
PARAMETER	UNITS						
VOLATILE ORGANICS (Continued)				arn o 1	NEGI	NECT	ND@1
BROMOFORM BROMOMETHANE	ug/l	ND@1	ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1
CARBON TETRACHLORIDE	ug/l	ND@1 ND@1	ND@1 ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l ug/l	ND@1	ND@1	ND@1	ND@1 ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/1 ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/1	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/1 ug/1	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1, 3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/1	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/1	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	1.3	1.4	1.2	1.3	1.3	ND@1
TOLUENE	ug/1	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	1.5	2.8	2.0	2.9	1.9	1.7
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		SPDES OF 01A SPDES OUTFL 01/06/17 420115335-1 01	SPDES OF 01A SPDES OUTFL 01/06/17 420115336-1 01	SPDES OF 01A SPDES OUTFL 01/12/17 420115557-1 01	SPDES OF 01A SPDES OUTFL 02/02/17 420116386-1 01	SPDES OF 01A SPDES OUTFL 02/14/17 420116806-1 01	SPDES OF 01A SPDES OUTFL 03/02/17 420117591-1 01
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1. ND@1 ND@1. ND@1.	NA NA NA	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1. ND@1 ND@1 ND@1.	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS							
PH TEMPERATURE TOTAL DISSOLVED SOLIDS TOTAL SUSPENDED SOLIDS	pH C mg/l mg/l	6.8 11.5 380 ND@1.3	NA NA NA	6.5 13.5 NA NA	6.5 12.0 390 ND@1.2	6.6 12.0 NA NA	7.2 15.0 NA NA
METALS							
LEAD, TOTAL	mg/l	NA	ND@0.0050	NA	NA	NA	NA
VOLATILE ORGANICS							
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	NA NA	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1
1,2,3-TRICHLOROPROPANE 1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l ug/l	ND@1 ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/1	ND@1	NA	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
ACROLEIN	ug/l	ND@2	NA	ND@2	ND@2	ND@2	ND@2
ACRYLONITRILE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1

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SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		SPDES OF 01A SPDES OUTFL 01/06/17 420115335-1 01	SPDES OF 01A SPDES OUTFL 01/06/17 420115336-1 01	SPDES OF 01A SPDES OUTFL 01/12/17 420115557-1 01	SPDES OF 01A SPDES OUTFL 02/02/17 420116386-1 01	SPDES OF 01A SPDES OUTFL 02/14/17 420116806-1 01	SPDES OF 01A SPDES OUTFL 03/02/17 420117591-1 01
PARAMETER	UNITS						
VOLATILE ORGANICS (Continued)							
BROMOFORM	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1

03/08/18

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		SPDES OF 01A SPDES OUTFL 03/12/17 420117999-1 01	SPDES OF 01A SPDES OUTFL 04/06/17 420119058-1 01	SPDES OF 01A SPDES OUTFL 04/06/17 420119059-1 01	SPDES OF 01A SPDES OUTFL 04/13/17 420119400-1 01	SPDES OF 01A SPDES OUTFL 05/04/17 420120339-1 01	SPDES OF 01A SPDES OUTFL 05/12/17 420120789-1 01
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	NA NA NA NA	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS							
PH TEMPERATURE TOTAL DISSOLVED SOLIDS TOTAL SUSPENDED SOLIDS	pH C mg/l mg/l	7.6 11.0 400 ND@1.0	NA NA NA	6.5 12.0 420 ND@1.0	6.5 11.0 NA NA	6.6 12.5 210 2.5	7.0 12.5 NA NA
METALS							
LEAD, TOTAL	mg/l	NA	ND@0.0050	NA	NA	NA	NA
VOLATILE ORGANICS							
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	NA NA	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1
1,1,2-TRICHLOROETHANE 1,1-DICHLOROETHANE	ug/l ug/l	ND@1 ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
4 - CHLOROTOLUENE	ug/1	ND@1	NA	ND@1	ND@1	ND@1	ND@1
ACROLEIN	ug/1	ND@2	NA	ND@2	ND@2	ND@2 ND@1	ND@2 ND@1
ACRYLONITRILE BENZENE	ug/l	ND@1 ND@1	NA NA	ND@1 ND@1	ND@1 ND@1	ND@1	ND@1
BENZENE BENZYL CHLORIDE	ug/l ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1 ND@1
BROMOBENZENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		SPDES OF 01A SPDES OUTFL 03/12/17 420117999-1 01	SPDES OF 01A SPDES OUTFL 04/06/17 420119058-1 01	SPDES OF 01A SPDES OUTFL 04/06/17 420119059-1 01	SPDES OF 01A SPDES OUTFL 04/13/17 420119400-1 01	SPDES OF 01A SPDES OUTFL 05/04/17 420120339-1 01	SPDES OF 01A SPDES OUTFL 05/12/17 420120789-1 01
PARAMETER	UNITS						
VOLATILE ORGANICS (Continued)				Wet	ND07	mei	ND01
BROMOFORM	ug/1	ND@1	NA	ND@1	ND@1	ND@1 ND@1	ND@1 ND@1
BROMOMETHANE CARBON TETRACHLORIDE	ug/l	ND@1 ND@1	NA NA	ND@1 ND@1	ND@1 ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE CHLORODIBROMOMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/1	ND@1	NA	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/1	ND@1	NA	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/1	ND@1	NA	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/1	ND@1	NA	ND@1	ND@1	ND@1	ND@1
TRANS-1, 3-DICHLOROPROPENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
	-						

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		SPDES OF 01A SPDES OUTFL 06/01/17 420121542-1 01	SPDES OF 01A SPDES OUTFL 06/08/17 420121923-1 01	SPDES OF 01A SPDES OUTFL 07/06/17 420123216-1 01	SPDES OF 01A SPDES OUTFL 07/06/17 420123217-1 01	SPDES OF 01A SPDES OUTFL 07/13/17 420123602-1 01	SPDES OF 01A SPDES OUTFL 08/03/17 420124565-1 01
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	NA NA NA	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS							
PH TEMPERATURE TOTAL DISSOLVED SOLIDS TOTAL SUSPENDED SOLIDS	pH C mg/l mg/l	6.7 15.0 440 ND@1.0	7.2 15.0 NA NA	NA NA NA	7.6 19.5 420 1.6	7.6 19.0 NA NA	7.4 19.5 460 ND@1.0
METALS							
LEAD, TOTAL	mg/l	NA	NA	ND@0.0050	NA	NA	NA
VOLATILE ORGANICS							
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1 ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	NA NA	ND@1 ND@1	ND@1 ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1 ND@1	ND@1 ND@1	NA	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE 1,2,3-TRICHLOROPROPANE	ug/l ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/1	ND@1	ND@1	NA	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1
ACROLEIN	ug/l	ND@2	ND@2	NA	ND@2	ND@2	ND@2
ACRYLONITRILE	ug/1	ND@1	ND@1	NA	ND@1	ND@1	ND@1
BENZENE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/1	ND@1	ND@1	NA	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		SPDES OF 01A SPDES OUTFL 06/01/17 420121542-1 01	SPDES OF 01A SPDES OUTFL 06/08/17 420121923-1 01	SPDES OF 01A SPDES OUTFL 07/06/17 420123216-1 01	SPDES OF 01A SPDES OUTFL 07/06/17 420123217-1 01	SPDES OF 01A SPDES OUTFL 07/13/17 420123602-1 01	SPDES OF 01A SPDES OUTFL 08/03/17 420124565-1 01	
PARAMETER	UNITS							
VOLATILE ORGANICS (Continued)								
	/ -							
BROMOFORM	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
BROMOMETHANE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
CHLOROBENZENE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
CHLOROETHANE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
CHLOROFORM	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
CHLOROMETHANE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
CIS-1, 3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
DIBROMOMETHANE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
ETHYLBENZENE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
TOLUENE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
TRANS-1, 3-DICHLOROPROPENE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1	
VINYL CHLORIDE	ug/l	ND@1	ND@1	NA	ND@1	ND@1	ND@1 ND@1	
XYLENE, TOTAL	ug/l	ND@1	ND@1	NA	ND@1	ND@1	NDGT	

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		SPDES OF 01A SPDES OUTFL 08/10/17 420124977-1 01	SPDES OF 01A SPDES OUTFL 09/07/17 420126133-1 01	SPDES OF 01A SPDES OUTFL 09/14/17 420126422-1 01	SPDES OF 01A SPDES OUTFL 10/05/17 420127397-1 01	SPDES OF 01A SPDES OUTFL 10/05/17 420127399-1 01	SPDES OF 01A SPDES OUTFL 10/12/17 420127739-1 01
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/l ug/l ug/l ug/l	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1. ND@1 ND@1. ND@1.	ND@1 ND@1 ND@1 ND@1	NA NA NA	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS							
PH TEMPERATURE TOTAL DISSOLVED SOLIDS TOTAL SUSPENDED SOLIDS	pH C mg/l mg/l	6.3 21.5 NA NA	6.9 19.0 370 2.7	7.0 22.0 NA NA	7.72 19.4 370 ND@1.0	NA NA NA	7.65 18.4 NA NA
METALS							
LEAD, TOTAL	mg/l	NA	NA	NA	NA	ND@0.0050	NA
VOLATILE ORGANICS							
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
1,1,2-TRICHLOROETHANE	ug/1	ND@1	ND@1	ND@1	ND@1	NA	ND@1
1, 1-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
1,1-DICHLOROETHYLENE	ug/l ug/l	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	NA NA	ND@1 ND@1
1,2,3-TRICHLOROPROPANE 1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
ACROLEIN	ug/l	ND@2	ND@2	ND@2	ND@2	NA	ND@2
ACRYLONITRILE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
BENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1

SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		SPDES OF 01A SPDES OUTFL 08/10/17 420124977-1 01	SPDES OF 01A SPDES OUTFL 09/07/17 420126133-1 01	SPDES OF 01A SPDES OUTFL 09/14/17 420126422-1 01	SPDES OF 01A SPDES OUTFL 10/05/17 420127397-1 01	SPDES OF 01A SPDES OUTFL 10/05/17 420127399-1 01	SPDES OF 01A SPDES OUTFL 10/12/17 420127739-1 01
PARAMETER	UNITS						
VOLATILE ORGANICS (Continued)							
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
ETHYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
TOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
TRANS-1, 3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1
XYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1	NA	ND@1

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SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		SPDES OF 01A SPDES OUTFL 11/03/17 420128715-1 01	SPDES OF 01A SPDES OUTFL 11/09/17 420129015-1 01	SPDES OF 01A SPDES OUTFL 12/07/17 420130284-1 01	SPDES OF 01A SPDES OUTFL 12/14/17 420130611-1 01
PARAMETER	UNITS				
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 2-CHLOROETHYLVINYL ETHER	ug/1 ug/1 ug/1 ug/1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1	ND@1 ND@1 ND@1 ND@1
INDICATOR PARAMETERS					
PH TEMPERATURE TOTAL DISSOLVED SOLIDS TOTAL SUSPENDED SOLIDS	pH C mg/l mg/l	8.40 19.0 330 ND@1.0	8.46 16.8 NA NA	8.48 14.3 390 1.5	8.28 13.8 NA NA
METALS					
LEAD, TOTAL	mg/l	NA	NA	NA	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	NA	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE 1,1-DICHLOROETHANE	ug/l ug/l	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	ND@1 ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
4 - CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
ACROLEIN	ug/l	ND@2	ND@2	ND@2	ND@2
ACRYLONITRILE BENZENE	ug/l ug/l	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1
BENZENE BENZYL CHLORIDE	ug/l	ND@1	ND@1 ND@1	ND@1 ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1

03/08/18

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SAMPLE LOCATION SAMPLE DESCRIPTION SAMPLE DATE LABORATORY SAMPLE I.D. SAMPLE RUN NUMBER SAMPLE COMMENT CODES		SPDES OF 01A SPDES OUTFL 11/03/17 420128715-1 01	SPDES OF 01A SPDES OUTFL 11/09/17 420129015-1 01	SPDES OF 01A SPDES OUTFL 12/07/17 420130284-1 01	SPDES OF 01A SPDES OUTFL 12/14/17 420130611-1 01
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)		NTO	NDOI	ND01	Wei
BROMOFORM BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1	ND@1 ND@1
CHLOROBENZENE	ug/l ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/1 ug/1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/l	ND@l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1

EXPLANATION OF REPORTING CONVENTIONS AND KEY TO COMMENT CODES

REPORTING CONVENTIONS

NA	Not Analyzed
ND@X	Not Detected at Detection Limit X
DMDIGV	Dolor Minimum Depending Timit of M

BMRL@X Below Minimum Reporting Limit of X

CODE EXPLANATION

- Non-Standard Measurement Unit
- c Sample contained sediment which may have contributed to reported results
- d 24 Hour Composite Sample
- B Organic analyte detected in both the sample and the laboratory blank
- D Compounds identifed at a secondary dilution factor
- E Concentration exceeds the calibration range of the GC/MS instrument
- J Estimated Value
- N Spiked sample recovery not within control limits
- P Lower of 2 GC column concentrations that have more than 25% difference
- R Reported value is less than the CRDL but greater than the IDL
- S Surrogate recoveries exceed acceptable control limits
- W Post digestion spike FAA out of control limits; sample absorbance < 50%
- * Manhole flooded when sediment sample collected
- B The reported value is less than the Contract Required Detection Limit (CRDL), but greater than the Instrument Detection Limit (IDL) (Inorganics)
- H Sample was prepped or run beyond the specified method holding time
- Value estimated. Possible meter malfunction.

Former IBM Kingston Facility Flux Calculations

Groundwater Collection System and North Parking Lot Area Passive Groundwater Collection System

Groundwater Collection System

Total Gallons Extracted January 1, 2017 - December 31, 2017:

Average Flow Rate

52,061 gal/day

19,054,425

	avg.	Flux
	ug/l	lbs/day
Tetrachloroethene	2.7	0.00118
Trichloroethene	91.6	0.03977
12-Dichloroethene(tot)	51.7	0.02245
Vinyl Chloride	0.0	0.00000
111-Trichloroethane	67.5	0.02928
11-Dichloroethane	19.3	0.00839
12-Dichloroethane	0.5	0.00020
11-Dichloroethene	11.2	0.00488
Freon 113	0.0	0.00000
Freon 123a	0.0	0.00000

Total flux contributed by GWCS: Annual Flux for GWCS: 0.10615 lbs/day 38.74 lbs

2,395,607

North Parking Lot Area Passive Groundwater Collection System

Total Gallons Extracted January 1, 2017 - December 31, 2017:

Average Flow Rate

6,545 gal/day

	avg.	Flux
	ug/l	lbs/day
Tetrachloroethene	1.3	0.00007
Trichloroethene	5.4	0.00029
12-Dichloroethene(tot)	13.9	0.00076
Vinyl Chloride	0.2	0.00001
111-Trichloroethane	8.9	0.00048
11-Dichloroethane	3.0	0.00017
12-Dichloroethane	0.0	0.00000
11-Dichloroethene	0.6	0.00003
Freon 113	0.0	0.00000
Freon 123a	0.0	0.00000

Total flux contributed by NPLA pump stations: Annual Flux for NPLA pump stations: 0.00181 lbs/day 0.66 lbs

overall flux:

39.4056