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February 28, 2011

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New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau E
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Subject: 2010 Annual Report, Groundwater Monitoring Program
Former IBM Facility, Owego, New York

Reference: 6NYCRR Part 373 Hazardous Waste Management Permit
No. 7-4930-00095/00005

Dear Mr. Czuhanich:

Enclosed is the 2010 Annual Report for the Groundwater Monitoring Program at the former IBM facility in Owego, New York. This report is being submitted in accordance with the facility's Part 373 Permit and Groundwater Monitoring Plan.

Should you have any questions concerning this report, please contact me at 703-257-2582 or at whalen@us.ibm.com.

Sincerely,

K Whalen

Kevin Whalen
Program Manager, IBM Corporate Environmental Affairs

Enclosure

cc: M. Peachey, NYSDEC-Region 7, Syracuse (w/ encl.)
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Corporate Environmental Affairs

2010 ANNUAL REPORT
GROUNDWATER MONITORING PROGRAM
FORMER IBM FACILITY
OWEGO, NEW YORK
6NYCRR PART 373 PERMIT NO. 7-4930-00095/00005

Prepared for:

IBM Corporate Environmental Affairs
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February 28, 2011

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1 INTRODUCTION

This report has been prepared by Groundwater Sciences Corporation (GSC) for the International Business Machines Corporation (IBM). Its purpose is to satisfy the annual reporting requirements for IBM's former Owego, New York facility (the "Site"), located approximately one mile southeast of the village of Owego, New York (Figure 1-1).

1.1 Regulatory Reference

This annual report is being submitted to the New York State Department of Environmental Conservation (NYSDEC), Division of Environmental Remediation in accordance with Modules II.H (Corrective Action Program) and III.D (Reporting Requirements for Groundwater Monitoring) of the Site's 6NYCRR Part 373 Hazardous Waste Management Permit (Part 373 Permit) No. 7-4930-00095/00005, with an effective date of March 30, 2010. Groundwater monitoring data generated from January 1 to December 31, 2010, including groundwater extraction volumes, groundwater elevations, and analytical chemistry data, is presented in this report. Groundwater monitoring data generated between January 1 and June 30, 2010 was also presented in the 2010 Semiannual Data Report previously submitted to NYSDEC on August 30, 2010. In accordance with the Module II.H.3 requirements, contaminant levels and the effectiveness of the corrective measures program are evaluated in this report.

1.2 Organization of Report

This report is organized as follows. Section 1.3 provides background on the Groundwater Monitoring Program and Section 1.4 provides an overview of the Site's hydrogeologic setting. Section 2 discusses the groundwater sampling and related data collected during 2010 for the Groundwater Monitoring Program, including extraction well pumping data and quality control (QC) analytical chemistry data. Section 3 evaluates the groundwater extraction, hydrogeology, and groundwater chemistry in various areas of the Site, including the Tank Farm Area (TFA) and the Parking Lot 001 Area (P001 Area) in the northern part of the Site, and the Waste Management Area (WMA), Tower View Drive/Mirror Lake Area (TVD/MLA), Southern Boundary Area (SBA) and Western Boundary Area (WBA) in the southern part of the Site. These areas and all active monitoring and extraction wells are shown on Plate 1.

1.3 Background Information

In June 1987, IBM submitted a Resource Conservation and Recovery Act (RCRA) Post-Closure Permit Application to NYSDEC and the United States Environmental Protection Agency (USEPA) for the Waste Management Area (WMA) at the Site. As required by RCRA regulations, IBM established a quarterly Groundwater Monitoring Program for the Site, including the WMA. The groundwater monitoring network and its operation, maintenance, and reporting conditions were subsequently incorporated into the Site's Part 373 Permit. The Part 373 Permit included a requirement for a Groundwater Monitoring Plan (GMP), which NYSDEC approved in March 1995. In conjunction with the renewal of the Site's Part 373 Permit, IBM submitted a new GMP in December 2006. The new GMP was approved by NYSDEC on January 4, 2007 and replaced the original 1995 GMP. The corrective action groundwater monitoring network is explained in detail in the GMP, which includes a description of the groundwater treatment process, wells, sampling frequencies, site-specific parameter list, and semiannual and annual reporting requirements.

1.4 Overview of Site Hydrogeology

The hydrogeology of the former IBM Owego Site consists of three primary geologic zones or units: (1) bedrock, consisting of shale and siltstone of the Devonian West Falls Group; (2) unconsolidated sediments of glacial origin consisting of a dense mixture of clay, silt, sand, gravel, and boulders ("till"); and (3) other unconsolidated sediments of various depositional origins, including alluvium, glaciolacustrine silt, glaciofluvial sands and gravels ("outwash") and fill. The bedrock is weathered to varying degrees on its upper surface, and this zone of weathered bedrock is very thin or absent in some areas. The till and other unconsolidated sediments are discontinuous units that vary greatly in thickness and hydraulic conductivity across the Site. Where they are present, the alluvium and glaciofluvial deposits (primarily outwash sands and gravels) form the principal shallow water-transmitting unit and are referred to in this report as the alluvial zone. The upper part of the bedrock, including the interface between the weathered bedrock and the fine-grained unconsolidated sediments (including the bottom of the till) typically transmits water and is referred to in this report as the till/bedrock zone. The till typically exhibits very low hydraulic conductivity and is not an important water-transmitting unit.

The site-wide groundwater elevation contour map shown on Figure 1-2 was constructed for the till/bedrock zone using July 2010 data from the northern part of the Site and October 2010 data from the southern part of the Site. A similar map was published in the 2010 Semiannual Data Report using January and April 2010 data from the till/bedrock zone. Except where influenced by the extraction wells, groundwater flow in the till/bedrock zone is generally from northeast to southwest across the Site toward Barnes Creek, which is tributary to the Susquehanna River. The Susquehanna River is located approximately 800 feet southwest of the Site's southern boundary, as shown on Figure 1-1.

A second groundwater elevation contour map (Figure 1-3) was constructed for the alluvial zone using July 2010 data from the northern part of the site and October 2010 data from the southern part of the site. This map shows the discontinuous nature of the alluvial zone, where groundwater flow is strongly influenced by the extraction wells in the P001 Area, southern WMA and WBA, and SBA. The alluvial zone is generally absent in the TFA and in the northern portions of the WMA and TVD/MLA.

2 GROUNDWATER MONITORING PROGRAM

Quarterly field activities for the groundwater monitoring program consist of groundwater elevation measurements, groundwater sampling, and well inspections. These activities were performed in accordance with the GMP by qualified field personnel from Groundwater Sciences Corporation.

2.1 Groundwater Extraction Wells

The Site's groundwater extraction and treatment system consists of six extraction wells and a packed-column air stripping tower designed to remove volatile organic compounds (VOCs) from groundwater. As shown on Plate 1, the extraction wells are located in three areas:

1. In the Tank Farm Area, well 415 pumps from the till/bedrock zone;

2. In the Parking Lot 001 Area, well 412 pumps primarily from the alluvial zone, well 413 pumps from till/bedrock zone, and well 414 pumps from both the alluvial and till/bedrock zones;

3. In the Waste Management Area, well 404 pumps from both the alluvial and till/bedrock zones and well 405 pumps primarily from the alluvial zone. Wells 404 and 405 have multiple screened intervals.

Except for brief periods of testing and maintenance, the system has operated continuously since April 1990. About 3.6 billion gallons of groundwater have been extracted and treated since 1985.

2.1.1 Extraction Well Maintenance Activities

The extraction wells operated continuously throughout 2010 except when they or the Groundwater Treatment Facility (GTF) were shut down for maintenance. The following significant maintenance activities were performed in 2010:

1. The feed pump to the air stripper tower at the GTF was replaced on January 14.
2. The flow meters for all extraction wells and the GTF air stripper were calibrated on March 9.
3. WMA extraction well 405 was shut down on March 29 due to a voltage problem. The

pumps in extraction wells 404 and 405 were pulled on March 31 using a crane and the wells were rehabilitated. This maintenance activity involved televiewing the wells, brushing the well screens to removed fouling, air-lifting the fouling material from the wells, and installing new pumps in both wells. The wells resumed pumping on March 31.

4. Damage to the conduit and junction box at extraction well 405 was repaired on July 9.

5. The system piping for P001 Area extraction wells 412, 413, and 414 was cleaned and reassembled on August 18.

6. The pump in extraction well 405 was pulled using a crane and was replaced on September 9.

7. The flow meter for TFA extraction well 415 was cleaned to remove fouling on September 13 and again on December 20.

2.1.2 Pumping Volumes

A table of pumping data for the extraction wells in the Waste Management Area (wells 404 and 405), Parking Lot 001 Area (wells 412, 413, and 414) and Tank Farm Area (well 415) is presented in Appendix A. This table shows the gallons pumped monthly in 2010 from each metered well. (A combined total is recorded for the three P001 Area extraction wells, which are not individually metered). The volume of groundwater extracted in 2010 was 136.2 million gallons, an increase of 26% over the volume extracted in 2009.

2.1.3 Evaluation of Treatment Efficiency

Treatment efficiency for the groundwater treatment system was calculated by comparing concentrations of VOCs in the GTF influent with the concentrations of VOCs in the treated effluent discharged from the air stripping tower. The influent and effluent were sampled monthly in 2010 in accordance with the Site's National Pollutant Discharge Elimination System (NPDES) Permit Number NY0244597. The effluent concentrations of all EPA Method 601/602 VOCs were less than the limits specified in the NPDES permit. With the exception of trichloroethene (TCE) at an estimated concentration not greater than 0.1 micrograms per liter (ug/l) in four of 12 effluent samples, and not greater than 0.4 ug/l in two of 12 effluent samples, no other VOCs were detected

in any of the monthly effluent samples collected in 2010, resulting in a removal efficiency of greater than 99.9 percent.

2.2 Groundwater Monitoring Wells

At the beginning of 2010, the Site's Corrective Action Monitoring Program consisted of 140 wells. Physical specifications for the monitoring and extraction wells used in 2010 are listed on Table 1 of Appendix B. This table has been updated to reflect changes in the well field.

2.2.1 Groundwater Elevation Measurements

Groundwater elevations were measured in the 140 wells listed on Table 2a of Appendix B. These include 130 on-Site wells, four offsite wells (540, 541, 542, 543) in the Route 17C interchange area south of the Southern Boundary Area, and six offsite wells (521, 522, 524, 529, 532, 534) on the Moore Tire property located west of the P001 Area.

Groundwater elevations were measured quarterly on January 19, April 2, July 12, and October 18, 2010. The tabulated groundwater elevation data for 2010 are presented in Appendix C. Groundwater elevation data for prior years has been published in previous annual reports and is maintained in a web-accessible geographic information system (GIS) database by Conestoga-Rovers and Associates (CRA). Groundwater elevations were calculated by subtracting the measured depth to water from the surveyed elevation of the measuring point listed in Appendix C. The designated measuring point is typically the top of the inner well casing ("TOC Elevation").

2.2.2 Monitoring Well Inspections and Dedicated Equipment

In addition to the inspection performed at the time each monitoring well is sampled, a comprehensive annual inspection of the well field was performed during the quarterly sampling event in April 2010. This inspection included the following items: 1) measurement of depth to well bottom and comparison of this depth to the reference depth to determine the need for redevelopment, 2) assessment of the legibility of the well tag and visibility of the survey mark, 3) determination of whether the well standpipe needs to be painted and whether the location should be cleared of brush/weeds, 4) assessment of the condition of the well seal, and 5) description of

dedicated equipment (if any) and the condition of the bailer cable. The 2010 well inspection data presented in Appendix C includes the well depths that were measured in April 2010.

The well inspection summary table in Appendix C shows the dedicated equipment (typically a pump or bailer) that was used for each well during the first and second quarters and the replacement of this equipment by polyethylene diffusion bag (PDB) sampling devices in many monitoring wells prior to the third quarter sampling event. PDB samplers have been used previously at the Site on a limited basis and significantly reduce the volume of purge water generated during groundwater sampling. The table shows the depth at which each PDB sampler is set below the well's measuring point. The PDB samplers are typically set at the midpoint of the water column in the well.

2.2.3 Groundwater Sampling

Table 2b of Appendix B lists the wells that are required by the GMP to be sampled and analyzed quarterly, semiannually, or annually. Other wells not listed on Table 2b of the GMP were sampled voluntarily to supplement the GMP sampling plan; this supplemental list includes the groundwater extraction wells when they are pumping.

The 2010 sampling schedule for the groundwater monitoring program is summarized in Appendix D. For wells sampled semiannually, a staggered quarterly sampling arrangement was approved by NYSDEC whereby the sampling events in the northern and southern parts of the Site are scheduled in alternating quarters so as to evenly distribute the sampling field work over the course of the year.

The quarterly sampling events for 2010 occurred on January 19 to 26, April 5 to 12, July 6 to 16, and October 20 to 27. All groundwater samples collected during 2010 were analyzed by Lancaster Laboratories, Inc. (NYSDOH ELAP #10670). The completed chains of custody for the third and fourth quarters of 2010 are reproduced in Appendix E of this report. The chains of custody for the first and second quarters were published in Appendix E of the 2010 Semiannual Data Report.

As noted in Section 2.2.2, PDB samplers were installed in many monitoring wells prior to the third quarter sampling event in July 2010. The groundwater chemistry data generated during the second half of 2010 using these PDB samplers (and shown on the groundwater elevation and chemistry maps in this report) compares favorably to the data generated using pumps and bailers for sample

collection (and shown on the maps in the previous semiannual report). There do not appear to be significant shifts in the chemistry data as a result of the change in sampling methods.

Of the wells that were scheduled to be sampled in the northern part of the Site during the first and third quarters, none was dry. (Well 114 in the TFA was dry in both January and July, but is not routinely sampled). Of the wells that were scheduled to be sampled in the southern part of the Site during the second and fourth quarters, only well 620 was dry in October and could not be sampled.

The remainder of this section discusses the analytical results for environmental samples collected during 2010, including groundwater monitoring well, extraction well, and QA/QC samples.

2.2.3.1 Groundwater Chemistry Results

Chemistry data generated from groundwater monitoring activities is maintained in a web-accessible GIS database by CRA. This GIS database contains groundwater analytical chemistry and field quality control (QC) data from 1993 to the present. Analytical chemistry data generated by the laboratory is transmitted to CRA and GSC electronically. The data is periodically reviewed for outliers, new high or low concentrations, and missing data.

A summary printout of the groundwater analytical chemistry data for all samples collected in 2010 from monitoring wells and extraction wells is presented in Appendix F. This summary includes results for pH, temperature, turbidity, and specific conductance measured in the field at the time of sampling. The summary data presented in Appendix F are shown in alphanumeric ascending order by sample location, and chronologically by sample date for each location.

2.2.3.1.1 Volatile Organic Compounds

The primary parameters detected and of concern at the Site are trichloroethene (TCE), 1,1,1-trichloroethane (TCA), and several transformation products of TCE and TCA. Transformation products of TCA include 1,1-dichloroethane (11-DCA), 1,1-dichloroethene (11-DCE), and chloroethane. Transformation products of TCE include cis-1,2-dichloroethene (c12-DCE) and vinyl chloride, the latter of which can also be produced by transformation of 11-DCE in the TCA series. Methylene chloride (dichloromethane) historically has been detected at the Site but is now detected only in the till/bedrock zone of the TFA and P001 Area. Including TCE, TCA, several

transformation products of each, and methylene chloride, 12 VOCs were detected in groundwater in 2010 at concentrations greater than the New York State Groundwater Quality Standard (NYSGQS). Table 2-1 lists the 16 parameters analyzed in groundwater for the Site's Groundwater Monitoring Program together with the NYSGQS for each parameter, the maximum concentration of each parameter measured in 2010, and the monitoring well and extraction well where the maximum concentration was detected. The NYSGQS was not exceeded in any well for chloroethane, dichlorodifluoromethane (Freon 12), trichloromethane (chloroform), and trichlorofluoromethane (Freon 11).

Table 2-1. Analytical Parameters for the Groundwater Monitoring Program*			
Parameter	**NYSGQS (ug/l)**	**Maximum Concentration Measured in a Monitoring Well in 2010**	**Maximum Concentration Measured in an Extraction Well in 2010**
Detected at a concentration greater than the NYSGQS:			
1,1,1-Trichloroethane (TCA)	5	8,200 ug/l @ 353	3,000 ug/l @ 415
1,1-Dichloroethane (11-DCA)	5	2,900 ug/l @ 609	3,300 ug/l @ 415
1,1-Dichloroethene (11-DCE)	5	2,800 ug/l @ 353	2,200 ug/l @ 415
Tetrachloroethene (PCE)	5	19 ug/l @ 610	47 ug/l @ 415
Trichloroethene (TCE)	5	4,300 ug/l @ 353	1,200 ug/l @ 415
cis-1,2-Dichloroethene (c12-DCE)	5	740 ug/l @ 128	7,400 ug/l @ 415
Vinyl chloride	2	30 ug/l @ 625	420 ug/l @ 415
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	480 ug/l @ 609	360 ug/l @ 415
1,2-dichloro-1,2,2-trifluoroethane (Freon 123a)	5	60 ug/l @ 609	41 ug/l @ 414
Methylene chloride (DCM)	5	10 ug/l @ 612	50 ug/l @ 415
1,2-Dichloroethane	0.6	2.4 ug/l @ 128	Not detected
1,1,2-Trichloroethane	1	7.9 ug/l @ 128	21 ug/l @ 415
Not detected at a concentration greater than the NYSGQS:			
Chloroethane	5	3.0 ug/l @ 613	3.7 ug/l @ 414
Dichlorodifluoromethane (Freon 12)	5	0.2 ug/l @ 382	Not detected
Trichloromethane (Chloroform)	7	2.8 ug/l @ 353	1.3 ug/l @ 413
Trichlorofluoromethane (Freon 11)	5	Not detected	Not detected

*from Table 1-1 of *Groundwater Monitoring Plan, Former IBM Facility, Owego, New York* (December 2006).
NYSGQS = New York State Groundwater Quality Standard (from 6 NYCRR Part 703.5, Table 1, Class GA)

2.2.3.2 Quality Control Results for Environmental Blanks

Environmental blanks, consisting of equipment rinse blanks and trip blanks, were collected and analyzed in 2010 for quality control purposes. The analytical chemistry data for these environmental blank samples is presented in Appendix G.

Trip blanks were prepared by the laboratory for each sampling round using analyte-free deionized (DI) water for each cooler containing VOC samples. The purpose of the trip blanks is to detect contamination during transportation or storage. A trip blank was the first item placed into each cooler by the laboratory and accompanied the sample containers from the laboratory to the field sampling locations and back to the laboratory. 18 trip blanks were collected in 2010 and the analytical results for these trip blanks are presented in Appendix G. Groundwater samples associated with each trip blank can be determined by noting the dates over which the trip blanks are valid (refer to "Sample Description" heading in Appendix G).

Equipment rinse blanks were collected to confirm the efficiency of decontamination procedures by rinsing non-dedicated equipment such as water level indicators with analyte-free deionized water and catching the rinse water in sample bottles for analysis. 23 equipment rinse blanks were collected in 2010 from water level indicators and the analytical results for these blanks are presented in Appendix G.

TCE and c12-DCE were detected in several environmental blanks from the fourth quarter of 2010. The concentrations of c12-DCE were estimated at 0.1 ug/l; TCE was estimated at 0.5 to 0.6 ug/l. None of the groundwater analytical chemistry results appeared to be associated with these detections. Methylene chloride was detected in most of the trip and equipment rinse blanks from the second, third, and fourth quarters of 2010. The highest concentration of methylene chloride in a blank sample was 1.1 ug/l and the source is likely the analytical laboratory, where methylene chloride is commonly used. Groundwater analytical chemistry data was qualified as necessary in accordance with EPA Region 2 data validation procedures. No other VOCs on the Site's parameter list (Table 2-1) were detected in any of the environmental blanks.

3 EVALUATION OF HYDROGEOLOGY AND HYDROGEOCHEMISTRY

This section is an evaluation of the groundwater monitoring data collected during 2010. Current data are presented in the form of potentiometric and isoconcentration contour maps and are also evaluated in the context of historical trends. As required by the Site's Part 373 Permit, this evaluation includes a delineation of the limits of hydraulic control in areas with sufficient data for such delineation.

3.1 Groundwater Extraction

As noted in Section 2.1.2, Table A-1 of Appendix A contains a table of volumes pumped in 2010 from the Site's groundwater extraction wells.

3.1.1 Northern Part of the Site

Hydraulic control and contaminant removal in the northern part of the Site was accomplished by the operation of the TFA and P001 Area extraction well systems.

3.1.1.1 Parking Lot 001 Area

The three extraction wells in the P001 Area (412, 413 and 414) are shown on Plate 1. A sample of the combined metered flow is collected quarterly and analyzed for the same parameters as the samples from the individual extraction wells. In this way, VOC mass removal for the P001 extraction wells can be calculated without the benefit of individual well flow readings (refer to Section 3.3.5). The monthly flow from the P001 extraction wells ranged from 214,000 to 333,000 gallons in 2010, as shown on the pumping summary, Table A-1 of Appendix A. Most of the contaminant mass removed in the P001 Area is pumped from the alluvial zone by extraction wells 412 and 414; the concentration of VOCs in those two wells is roughly ten times higher than in well 413, which pumps only from the till/bedrock zone.

3.1.1.2 Tank Farm Area

TFA extraction well 415 (Plate 1) pumps from the till/bedrock zone and replaced extraction wells 408 and 409 in April 2009. In comparison to the P001 Area and WMA extraction wells, the volume extracted from well 415 is low and accounted for only 0.2% of groundwater extraction at the Site in 2010. However, the concentration of VOCs in well 415 is high relative to other extraction wells

and the mass removed by well 415 is comparable to the mass removed by the three P001 Area extraction wells, which pumped 10 times more groundwater combined than well 415 in 2010.

3.1.2 Southern Part of the Site

Wells 404 and 405 extract groundwater in the southern part of the Site and have accounted for more than 95% of the groundwater volume extracted since 2000. They also accounted for about 80% of the total VOC mass removed by groundwater extraction in 2010 (refer to Section 3.3.5). Combined monthly flows from the two WMA extraction wells ranged from 9.0 to 13.0 million gallons in 2010, as shown in Appendix A. This represents an increase of more than 2 million gallons per month on average vs. 2009 and is the result of specific measures taken to improve the operation of extraction wells 404 and 405, as described in Section 2.1.1.

3.2 Hydrogeology

As explained in Section 1.2 and shown on Plate 1, the TFA is located in the northeastern part of the Site and the P001 Area is located in the northwestern part of the Site. The WMA, TVD/MLA, WBA, and SBA are all located in the southern part of the Site. The hydrogeology of the northern and southern parts of the Site is discussed separately in the following sections.

3.2.1 Tank Farm Area

The geologic units in the TFA consist primarily of till overlying bedrock, with some localized areas of fill. The monitoring wells in this area are completed in the fill, till, till/bedrock zone, or shallow bedrock. The shallow "alluvial zone" water-bearing unit present to the west of the TFA appears to be absent in the TFA ifself. The till/bedrock zone is the most important water-transmitting unit in the TFA and extraction well 415 is screened in this unit.

The groundwater flow divide shown on the site-wide groundwater elevation contour map for the till/bedrock zone on July 12, 2010 (Figure 1-2) delineates the area were groundwater is captured by extraction well 415. Outside this area of capture, the direction of groundwater flow in the till/bedrock zone is generally to the west toward the P001 Area and to the southwest toward the TVD/ML Area.

3.2.2 Parking Lot 001 Area

The P001 Area is underlain by a bedrock valley originating as a closed depression roughly centered on monitoring well 380, which was decommissioned in 2006 during a parking lot construction project. Subsurface investigations in the early 1990s determined that this bedrock valley extends westward from the well 380 location, passing through a narrow throat at well 378 on Lakeview Parkway (Plate 1), and opening up to the west of well 378. In the P001 Area, this bedrock valley contains four hydrogeologic units, from lowermost to uppermost: (1) weathered bedrock, (2) till, (3) sand, silt, and gravel, and (4) fill, which is more than 20 feet thick in some areas. The primary water-bearing units identified in the P001 Area are the till/bedrock zone (straddling units 1 and 2) and the alluvial zone (unit 3).

Detailed groundwater elevation contour maps have been constructed semiannually since 1993 for both the till/bedrock zone and the alluvial zone in the P001 Area. Figure 1-2 shows the groundwater elevation contours for the till/bedrock zone in the P001 Area on July 12, 2010. The generalized direction of groundwater flow in the till/bedrock zone is indicated by the flow arrows on this map, and the influence of P001 Area extraction wells 413 and 414 in the till/bedrock zone is apparent. Figure 1-2 also shows a groundwater flow divide roughly coincident with Lake View Parkway. On the eastern side of this flow divide, groundwater flow in the till/bedrock zone is captured by the P001 Area extraction wells. On the western side of the divide, groundwater flows to the southwest across the Moore Tire property and onto the northern part of the WMA. This groundwater flow is ultimately captured by WMA extraction well 404.

The location of this groundwater flow divide in the till/bedrock zone fluctuates in response to variability in pumping rates of the P001 Area extraction wells. During periods of reduced pumping, the flow divide lies farther east of the property line between the Site and the Moore Tire and Owego Bowl properties, and closer to the P001 Area extraction wells.

Figure 1-3 shows the groundwater elevation contours for the alluvial zone in the P001 Area on July 12, 2010. The influence of P001 Area extraction wells 412 and 414 on groundwater flow in the alluvial zone is similar that shown on Figure 1-2 for wells 413 and 414 in the till/bedrock zone. The groundwater flow divide in the alluvial zone during the third quarter of 2010 was located slightly west of Lake View Parkway but did not extend onto off-site properties. Groundwater in the alluvial

zone east of the flow divide is captured by the P001 Area extraction wells. Groundwater on the west side of the divide flows to the southwest through a zone of coarse alluvium (previously mapped) extending across the center of the Moore Tire property and back onto the Owego facility north of Building 352. As is the case with groundwater in the till/bedrock zone, groundwater in the alluvial zone that is not captured by the P001 Area extraction wells is ultimately captured by the WMA extraction wells.

3.2.3 Southern Areas

Weathered bedrock and till overlie competent bedrock in the southern part of the Site. In the southern and central portions of the southern part of the Site, till is overlain by relatively permeable outwash sand and gravel and, in some areas, by low-permeability glaciolacustrine silt. The entire area is covered by a surficial layer of post-glacial alluvium. (Note: This surficial alluvium is different from the deeper "alluvial zone" discussed elsewhere in this report.)

3.2.3.1 Tower View Drive and Waste Management Areas

The direction of groundwater flow in the till/bedrock zone of the southern part of the Site on October 18, 2010 is shown by the flow arrows on Figure 1-2. In the east-central portion of the Site, groundwater generally flows to the southwest through the TVD/MLA and toward WMA extraction well 404. Groundwater flow in the till/bedrock zone through the northern portion of the WMA is generally to the south toward WMA extraction well 404. Extraction well 405 pumps primarily from the alluvial zone (sand and gravel) and, therefore, does not significantly affect groundwater flow in the till/bedrock zone.

3.2.3.2 Southern Boundary Area

As shown on Figure 1-2, flow in the till/bedrock zone of the SBA is generally to the northeast and north toward extraction well 404. As was the case in previous years, the limit of groundwater capture by WMA extraction well 404 in the till/bedrock zone extends off site to the south of the railroad tracks (Figure 1-2, note potentiometric contour "795").

An alluvial zone consisting primarily of sand and gravel overlies till in the SBA. Horizontal gradients in the alluvial zone of the SBA are very low (less than 0.01), as indicated by the more widely spaced (and fractional) groundwater elevation contours in the vicinity of the railroad tracks

on Figure 1-3. The southern limit of capture by WMA extraction wells 404 and 405 in the alluvial zone, as indicated by the flow divide shown on Figure 1-3, was on-site about 100 to 300 feet north of the railroad tracks in October 2010.

3.3 Hydrogeochemistry

In the P001 Area and southern part of Site, TCA, TCE and their transformation products are the primary parameters of concern. The site-wide distributions of TCA, TCE, and their transformation products are shown on a series of isoconcentration contour maps for the till/bedrock and alluvial zones (Figures 3-1 through 3-4). Methylene chloride is limited in distribution to a few wells in the TFA and P001 Area. Figure 3-5 is an isoconcentration contour map for methylene chloride in the till/bedrock zone.

3.3.1 Chemical Transformations

Transformation of TCA and TCE can occur at various rates in different parts of the same groundwater plume. As a result, characterizing the spatial distribution and changes in concentration of these constituents and their transformation products is difficult if one examines only the source constituents (TCA or TCE). Therefore, the isoconcentration contour maps (Figures 3-1 through 3-4) show data that incorporates mass lost due to transformation of TCA or TCE by reductive dehalogenation (in this case, the loss of chlorine ions). This was done by expressing the concentrations of all chemical degradation products in terms of the source constituent. The TCA-series concentration was calculated by multiplying concentrations of 11-DCA, 11-DCE, and chloroethane by the ratio of the molecular weight of TCA to the molecular weight of each degradation product, and then summing the products. In this way, all concentrations of TCA, 11-DCA, 11-DCE, and chloroethane dissolved in groundwater for a particular sample are expressed as a total TCA-series concentration, thereby approximating the TCA concentration that theoretically could have been measured if none of the TCA had been transformed to its degradation products. The same procedure was performed for the TCE series parameters such that the vinyl chloride, c12-DCE, and TCE concentrations were expressed as a total TCE-series concentration.

3.3.2 Tank Farm Area and Parking Lot 001 Area

The following discussion focuses on the groundwater chemistry of the alluvial and till/bedrock zones in the Tank Farm Area and Parking Lot 001 Area in the northern part of the Site.

3.3.2.1 Alluvial Zone Chemistry

Figures 3-1 and 3-2 show isoconcentration contours for the TCA- and TCE-series parameters in the alluvial zone, which includes sand and gravel units of glacial origin as well as alluvium. The isoconcentration contours shown on these two figures have not been extended to the east of the P001 Area and into the Tank Farm Area because the alluvial zone is generally absent or has not been well-defined in that area. (Fill and till lie directly on top of bedrock in most of the TFA.) Figures 3-1 and 3-2 show plumes of both TCA- and TCE-series parameters extending from an area of concentrations historically greater than 1,000 ug/l in the vicinity of well 613 (but now closer to 500 ug/l), to the southwest toward the southeast corner of the Moore Tire property. These same constituents also are present in five on-site wells (398, 601, 602, 603, and 608) in the extreme western portion of the P001 Area north of Building 352 and north of the WMA. East of the groundwater flow divide shown on Figures 3-1 and 3-2, the TCA- and TCE-series plumes are captured by P001 Area extraction wells 412 and 414. The groundwater flow divides on Figures 3-1 and 3-2 are identical to the divide shown on the groundwater elevation contour map for the alluvial zone (Figure 1-3).

3.3.2.2 Till/Bedrock Zone Chemistry

Isoconcentration contour maps for TCA- and TCE-series parameters in the till/bedrock zone are shown on Figures 3-3 and 3-4. The TCA-series and TCE-series plumes in the northern part of the Site extend from the Tank Farm source area westward toward the P001 Area extraction wells and across Lakeview Parkway onto the Moore Tire property west of the P001 Area extraction wells. The plumes in the TFA with concentrations greater than 1,000 ug/l are mostly captured by extraction well 415. P001 Area extraction wells 413 and 414 intercept groundwater plumes between the eastern groundwater flow divide created by extraction well 415 in the TFA and the western flow divide situated around Lake View Parkway. These flow divides are identical to those shown on the groundwater elevation contour map for the till/bedrock zone (Figure 1-2).

The distribution of methylene chloride in the till/bedrock zone of the northern part of the Site during the third quarter of 2010 is shown on Figure 3-5. Concentrations of methylene chloride have decreased significantly in the till/bedrock zone since the 1990s, and methylene chloride appears to be fully captured by extraction wells 413, 414, and 415. The maximum concentration of methylene chloride was 10 ug/l at well 610 and the estimated plume contour is shown at a limit of 1 ug/l on Figure 3-5.

3.3.3 Southern Areas

The isoconcentration contour maps (Figures 3-1 through 3-4) show the distribution of TCA- and TCE-series parameters in the southern part of the Site during the fourth quarter of 2010. Methylene chloride was not contoured in the southern part of the Site because it was not detected there.

3.3.3.1 Alluvial Zone Chemistry

The distributions of TCA- and TCE-series parameters in the alluvial zone of the southern part of the Site are shown on Figures 3-1 and 3-2.

In the southern alluvial zone, a low-level (less than 10 ug/l) TCA-series plume (Figure 3-1) is located in the vicinity of monitoring wells 101, 318, 319, 322, 323, and 625 near the southern boundary of the Site. This plume does not appear to extend off-site because TCA-series parameters were not detected at greater than 1 ug/l in offsite wells 540, 541, 542, and 543 in October 2010. In contrast, the TCE-series plume in the southern alluvial zone (Figure 3-2) extends offsite, south of the railroad tracks in the Route 17C interchange, where low concentrations of VOCs (less than 5 ug/l) have been detected at wells 541, 542, and 543, as shown on Figure 3-2.

Figure 3-1 shows TCA plumes originating on site in the central TVD/MLA and in the central part of the WMA. Groundwater chemistry data from wells 621 and 623 suggests that the eastern TCA-series plumes in the TVD/MLA and WMA are captured by WMA extraction wells 404 and 405. The southern limit of the TCA-series plume in the TVD/MLA probably lies north of shallow monitoring well 374 on the north side of Mirror Lake (Figure 3-1), where concentrations are typically at or below the limits of detection. Well 374 monitors a shallow alluvial unit that is different from the alluvial zone outwash unit monitored by other wells in the southern part of the Site.

3.3.3.2 Till/Bedrock Zone Chemistry

Figures 3-3 and 3-4 show the TCA- and TCE-series isoconcentration contours for the till/bedrock zone. With regard to the distribution of TCA-series parameters in the southern part of the Site, Figure 3-3 shows a plume originating north of Tower View Drive near the southern end of Building 002, a plume originating from off-Site west of Barnes Creek (in the vicinity of wells 160 and 162), and a plume centered on the WMA in the vicinity of the Old Waste Treatment Plant (Old WTP). The TVD/MLA and WMA TCA-series plumes (Figure 3-3) merge near the intersection of Lakeview Parkway and the access road leading to the Old WTP, and are captured by WMA extraction well 404.

The TCE-series isoconcentration contour map for the till/bedrock zone in the southern part of the Site is shown on Figure 3-4. Like the map showing the distribution of TCA-series parameters (Figure 3-3), this map shows a plume with concentrations greater than 100 ug/l being drawn onto the Site from the west near monitoring wells 160 and 162 and a plume centered on the Old WTP with a lobe extending to the south toward SBA monitoring well 628.

3.3.4 Graphical and Statistical Evaluations

Graphs of TCA- and TCE-series concentrations versus time for key monitoring and extraction wells for the years 2000 through 2010 are shown on Plate 2. These wells are located either near the boundaries of the Site in the P001, TFA, SBA, and WMA, or off-site in the Moore Tire Area. They represent all of the wells that are sampled quarterly in accordance with the sampling plan presented in Appendix D.

Concentration trends in many of these wells are apparent by inspection. To determine whether the observed trends in chemical concentrations over time are statistically significant, the analytical data were evaluated using a non-parametric statistical test for trend, as specified in Section 7.3.3 of the Groundwater Monitoring Plan. This statistical trend test, the Seasonal Kendall test, does not require that the data be normally distributed and is valid even where some data are missing, tied, or censored at the reporting limit (e.g., “not detected at limit X”). The Seasonal Kendall test handles seasonal variations in concentration (seasonality) internally. *WQStat Plus*, a Windows-based water quality statistics program, was used to statistically evaluate apparent trends. Statistically significant

trends (either increasing or decreasing) were defined at a confidence limit of 95% or higher for the Seasonal Kendall test.

The period of trend analysis was five years, from January 2006 through October 2010. The statistical trend test results for these wells are summarized on Table 3-1. As shown on Table 3-1, the concentration trends in most of the wells are indeterminate, i.e., neither a statistically increasing nor decreasing trend could be confirmed. In the P001 Area, concentrations TCA- and/or TCE-series parameters are increasing at monitoring wells 373 and 607 and at extraction well 412. Concentrations of TCA-series parameters showed a statistically significant decreasing trend at extraction P001 Area extraction well 414. In the off-Site Moore Tire Area, none of the wells showed any statistically significant trend. In the SBA, concentrations TCA- and/or TCE-series parameters are increasing at monitoring wells 318, 319, and 322, and at extraction well 405 (TCA-series only).

Table 3-1. Statistical Evaluation of Trends in Water Quality at Quarterly Monitoring Wells (2006-2010)

Site Area	Well	TCA-Series Trend	TCE-Series Trend	Hydrogeologic Zone Monitored
P001 Area (Monitoring)	393	Increasing	Increasing	Till/Bedrock
	399	None	None	Alluvial
	606	None*	None*	Alluvial
	607	None	Increasing	Till/Bedrock
P001 Area (Extraction)	412	Increasing	Increasing	Alluvial
	413	None	None	Till/Bedrock
	414	Decreasing	None	Alluvial & Till/Bedrock
Moore Tire Area (Off-Site Monitoring)	522	None	None	Till/Bedrock
	529	None	None	Alluvial
	532	None	None	Alluvial
	534	None	None	Alluvial
Southern Boundary Area (Monitoring)	318	None	Increasing	Alluvial
	319	Increasing	Increasing	Alluvial
	322	None	Increasing	Alluvial
	323	None	None	Alluvial
	625	None	None	Alluvial
Waste Management Area (Extraction)	404	None	None	Alluvial & Till/Bedrock
	405	Increasing	None	Alluvial

The Seasonal Kendall test was used to evaluate concentration trends.
* Decreasing trend apparent since January 2008.

3.3.5 VOC Mass Removal

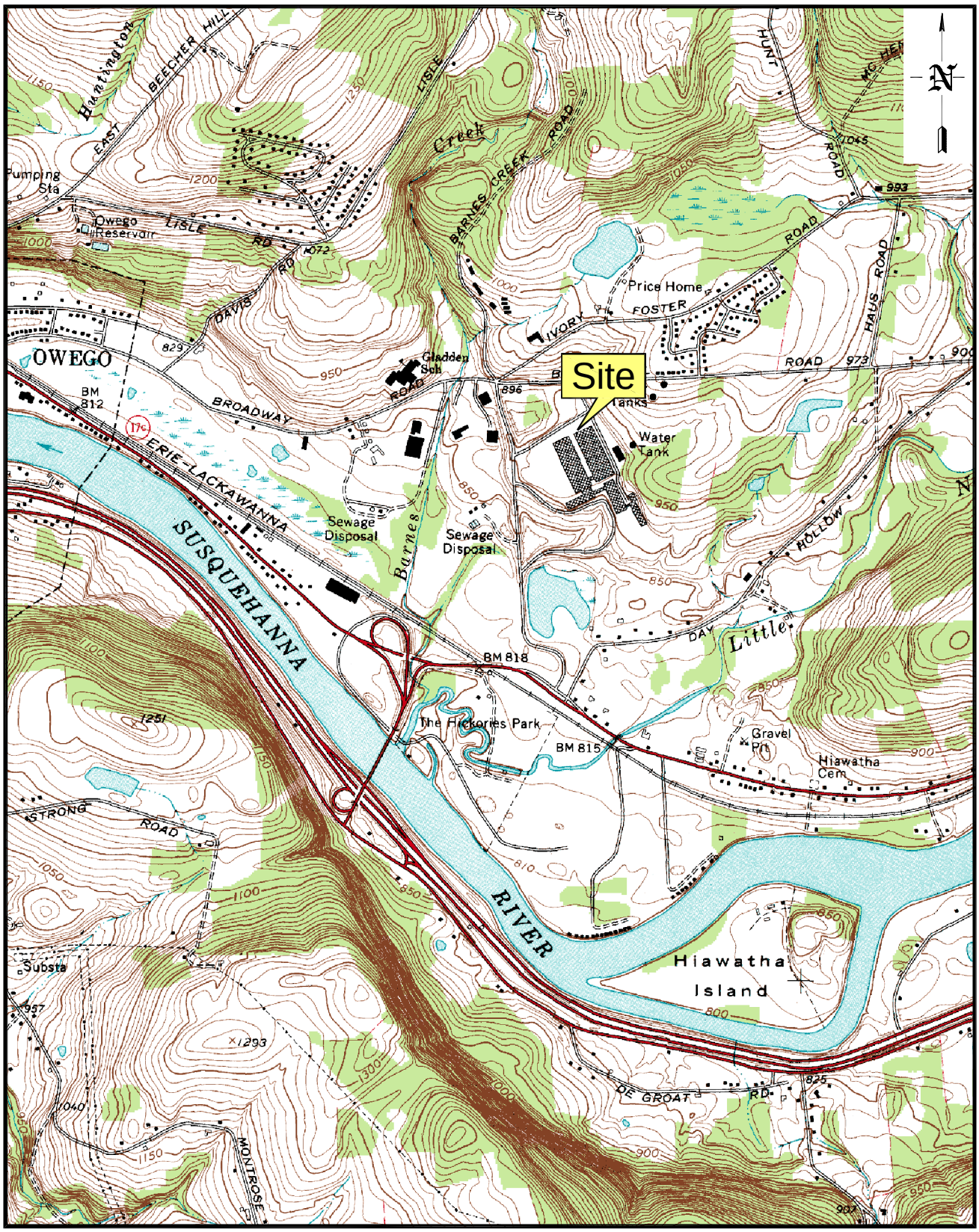
Table A-2 in Appendix A shows the dissolved VOC mass pumped by the groundwater extraction wells during 2010 and subsequently removed via the Site's packed-column air stripping tower. The total VOC mass was calculated quarterly for each extraction well (or for the combined output in the case of the P001 Area extraction wells) by multiplying the quarterly volume pumped from each well

(from Table A-1 of Appendix A) by the VOC concentrations measured during the associated quarterly sampling event (refer to analytical chemistry data in Appendix F). By these calculations, the total VOC mass removed in 2010 was 392 pounds, which is a significant increase over the range of 214 to 345 pounds established over the previous six years. The increase is primarily from two sources: (1) relatively higher pumping volumes at WMA extraction wells 404 and 405 beginning in November 2009 and sustained throughout 2010 and (2) higher concentrations of VOCs at TFA extraction well 415 relative to the previous combination of extraction wells 408 and 409. The 35 pounds removed by well 415 in 2010, although somewhat less than the 49 pounds removed in 2009, is still a significant increase over the four pounds removed by the combination of extraction wells 408 and 409 in 2008.

3.3.6 Maps of Total VOCs, TCA, and TCE

As required by the GMP, Figure 3-6 is a map showing the total concentration in groundwater of VOCs on the Site's parameter list, as specified on Table 1-1 of the GMP and Module II, Table II-3 of the Part 373 Permit. The map shows results for the northern wells sampled during the third quarter of 2010 and for the southern wells sampled during the fourth quarter of 2010. The total VOC value posted at each well has been rounded to two significant figures.

As required by the GMP, Figures 3-7 and 3-8 are maps of the TCA and TCE distribution, respectively, showing only these parameters and not the sum of their transformation series component parameters. The approximate boundaries of both the alluvial and till/bedrock zone plumes at a limit of 1 ug/l are not shown on these maps. However, these boundaries would be similar to the plume limits shown on the TCA- and TCE-series isoconcentration maps (Figures 3-1 through 3-4) because TCA and TCE generally are the greatest contributors to total VOC concentration at most of the monitoring wells.



Portion of the Apalachin, NY
7.5-minute USGS Quadrangle
(1988)

Figure 1-1

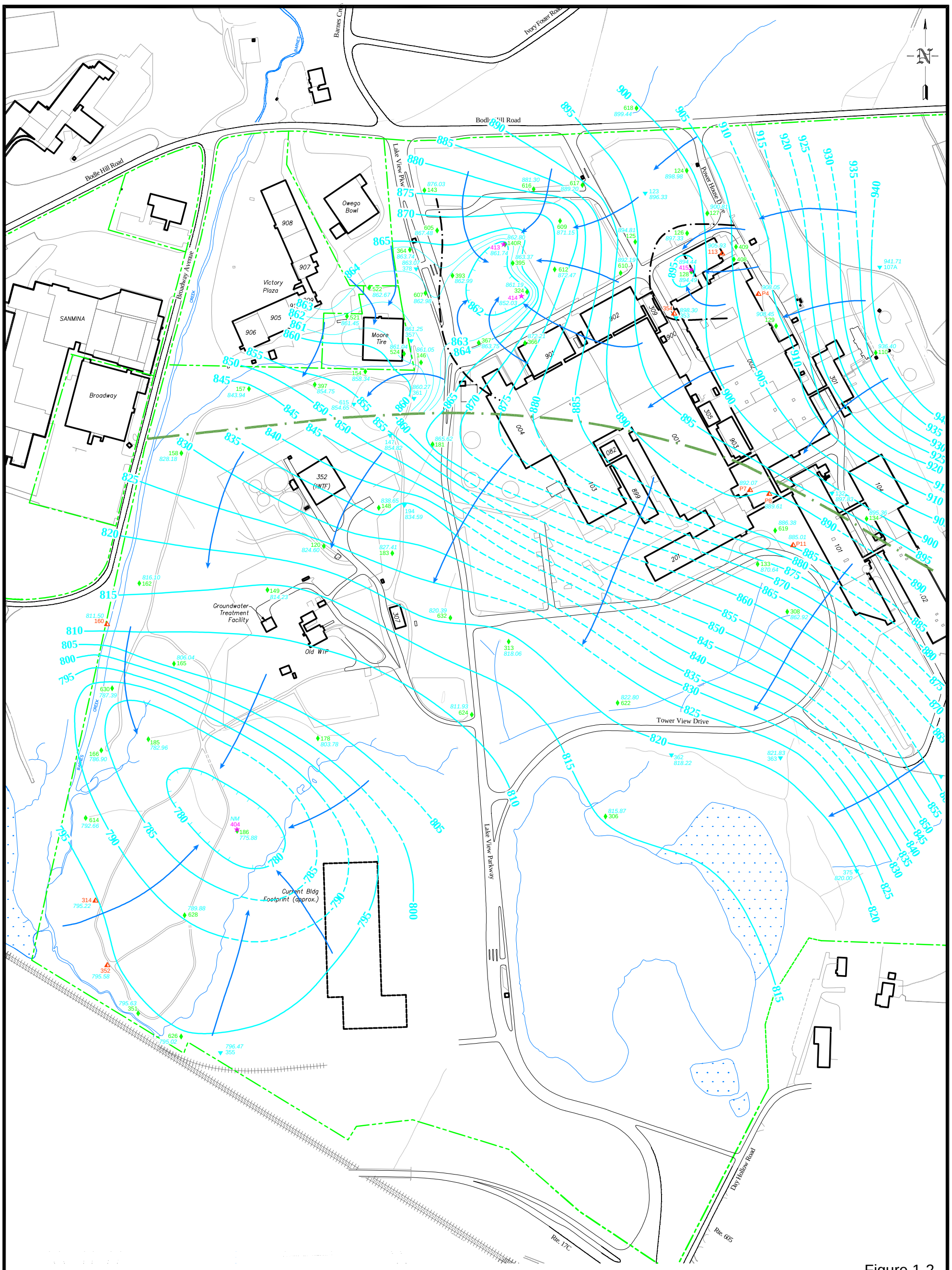
IBM
Corporate Environmental Affairs

Site Location Map

Scale
0 1000' 2000'

GROUNDWATER SCIENCES CORPORATION

93004-068-A5 / 2-20-09



- Bedrock monitoring well
- Till monitoring well
- Soil/Bedrock monitoring well
- Withdrawal well
- Property Line
- Swamp area
- Direction of Groundwater Flow

796.47 - Groundwater Elevation (feet amsl)
NM - Not Measured
795 - Groundwater Elevation Contour (feet amsl)
- Inferred Groundwater Elevation Contour
- Groundwater Flow Divide
- Line of Separation Between Northern and Southern Sampling Events

Northern Area wells measured July 12, 2010; Southern Area wells measured October 18, 2010.

Note: Some wells that monitor the lower till were used to construct this map.

Scale
0 175' 350'

Figure 1-2

IBM
Owego, New York

Till/Bedrock Groundwater Elevation Contour Map Third and Fourth Quarters, 2010

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CHECKED & APPROVED BY: CAR		

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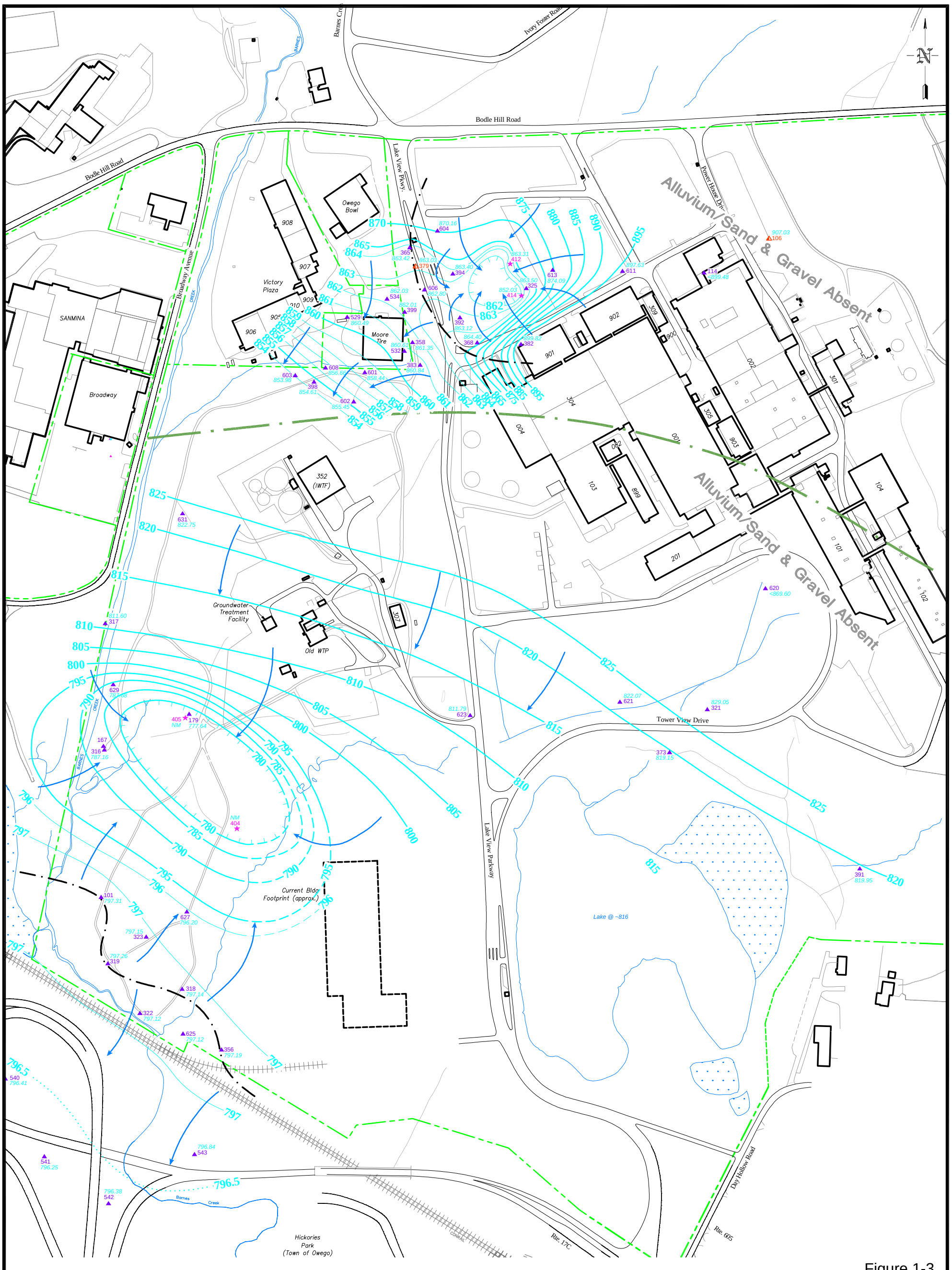

Figure 1-3

- ▲ - Soil monitoring well
- ⚠ - Till monitoring well
- ★ - Withdrawal well
- Property Line
- Line of Separation Between Northern and Southern Sampling Events
- Swamp area
- 796.38 - Groundwater Elevation (feet amsl)
- NM - Not Measured
- 800 - Groundwater Elevation Contour (feet amsl)
- Supplemental Groundwater Elevation Contour
- Direction of Groundwater Flow
- Groundwater Flow Divide

Note: Groundwater elevations for wells P1, P2, 161, 163, 386, 387 and 374 were not used because these wells monitor a shallow alluvial unit that is different from the outwash unit monitored by other wells in the southern areas.

Northern Areas measured July 12, 2010; Southern Areas measured October 18, 2010.

Scale: 0 175' 350'

IBM
Owego, New York

Alluvium/Sand & Gravel Groundwater Elevation Contour Map Third and Fourth Quarters, 2010

DRAWN BY: MHM	DATE: 2/19/11	DRAWING NO. 93004-073-F2
CHECKED & APPROVED BY: CAR		

GROUNDWATER SCIENCES CORPORATION

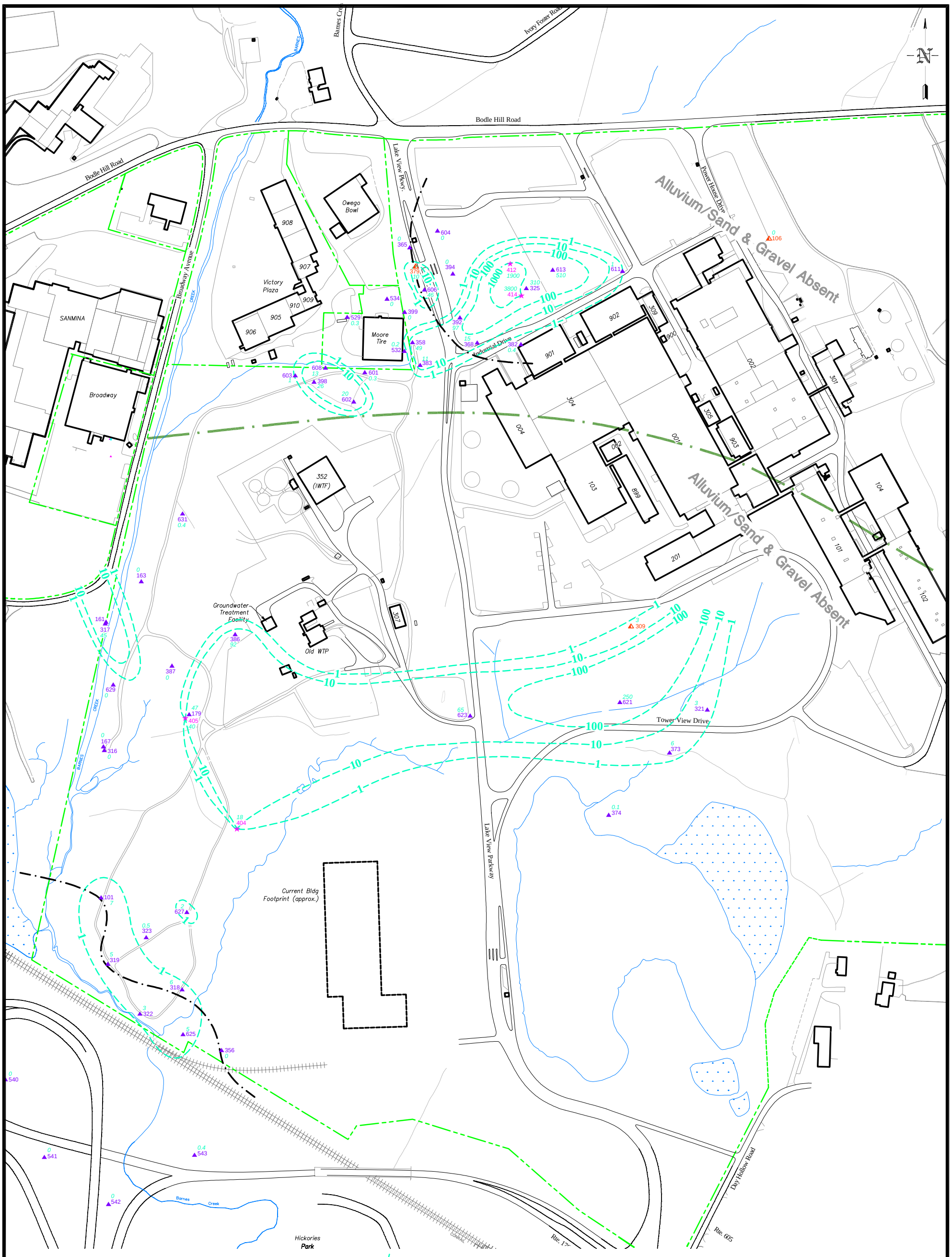

Figure 3-1

Calculation:

$$\text{TCA Series} = \text{TCA} + \text{1,1-DCA}\left(\frac{133.42}{98.97}\right) + \text{1,1-DCE}\left(\frac{133.42}{96.95}\right) + \text{CEA}\left(\frac{133.42}{64.52}\right)$$

where

TCA = 1,1,1-Trichloroethane
1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
CEA = Chloroethane

Notes: *Wells 106, 309 and 379, which monitor the upper till, were also used to construct this map. Values shown have been rounded to two significant figures or one significant figure if less than 10 ug/l.*

Extraction wells 413 and 414 pump from the till/bedrock zone.

Extraction wells 412 and 414 pump from the alluvial zone.

Northern Area wells sampled July 2010.
Southern Area wells sampled October 2010.

Scale 0 175' 350'

IBM
Owego, New York

Alluvium/Sand & Gravel TCA-Series Isoconcentration Contour Map Third and Fourth Quarters, 2010

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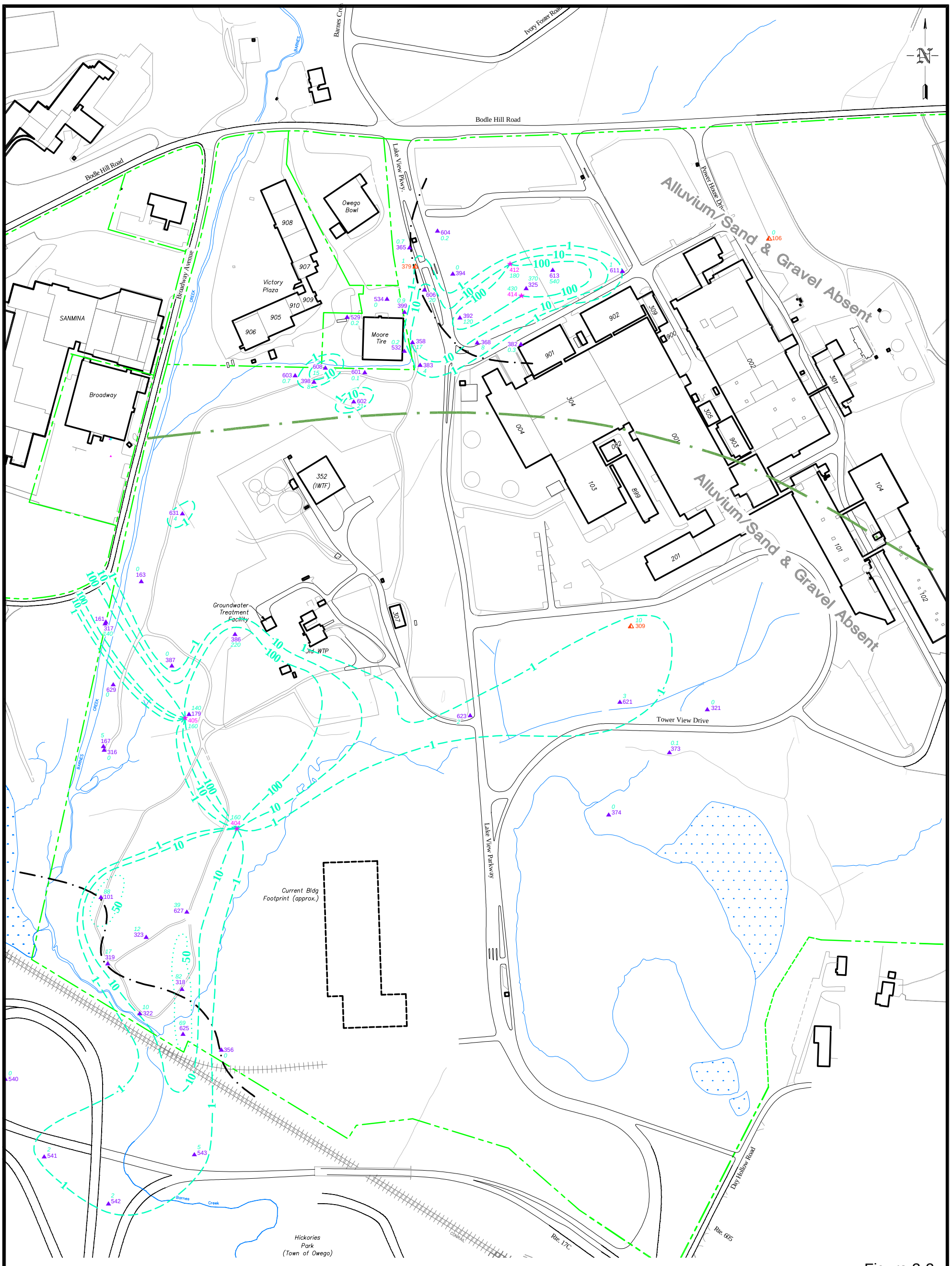
CHECKED & APPROVED BY: CAR		

GROUNDWATER SCIENCES CORPORATION



- ▲ - Soil monitoring well
- ◭ - Till monitoring well
- ★ - Withdrawal well
- 4 - TCE-Series Concentration (ug/l)
- 100 - TCE-Series Concentration Contour (ug/l)
- - Supplemental Contour
- - Groundwater Flow Divide
- - Property Line
- - Line of Separation between Northern and Southern Sampling Events
- - Swamp area

Calculation:

$$\text{TCE Series} = \text{TCE} + \text{1,2-DCE(TOT)}\left(\frac{131.4}{96.95}\right) + \text{VC}\left(\frac{131.4}{62.5}\right)$$

where
TCE = Trichloroethene
1,2-DCE(TOT) = Total 1,2-Dichloroethene
VC = Vinyl Chloride

Notes: Wells 106, 309 and 379, which monitor the upper till, were also used to construct this map. Values shown have been rounded to two significant figures or one significant figure if less than 10 ug/l.

Extraction wells 413 and 414 pump from the till/bedrock zone.

Extraction wells 412 and 414 pump from the alluvial zone.

Northern Area wells sampled July 2010.
Southern Area wells sampled October 2010.

Scale
0 175' 350'

Figure 3-2

IBM
Owego, New York

Alluvium/Sand & Gravel TCE-Series Isoconcentration Contour Map Third and Fourth Quarters, 2010

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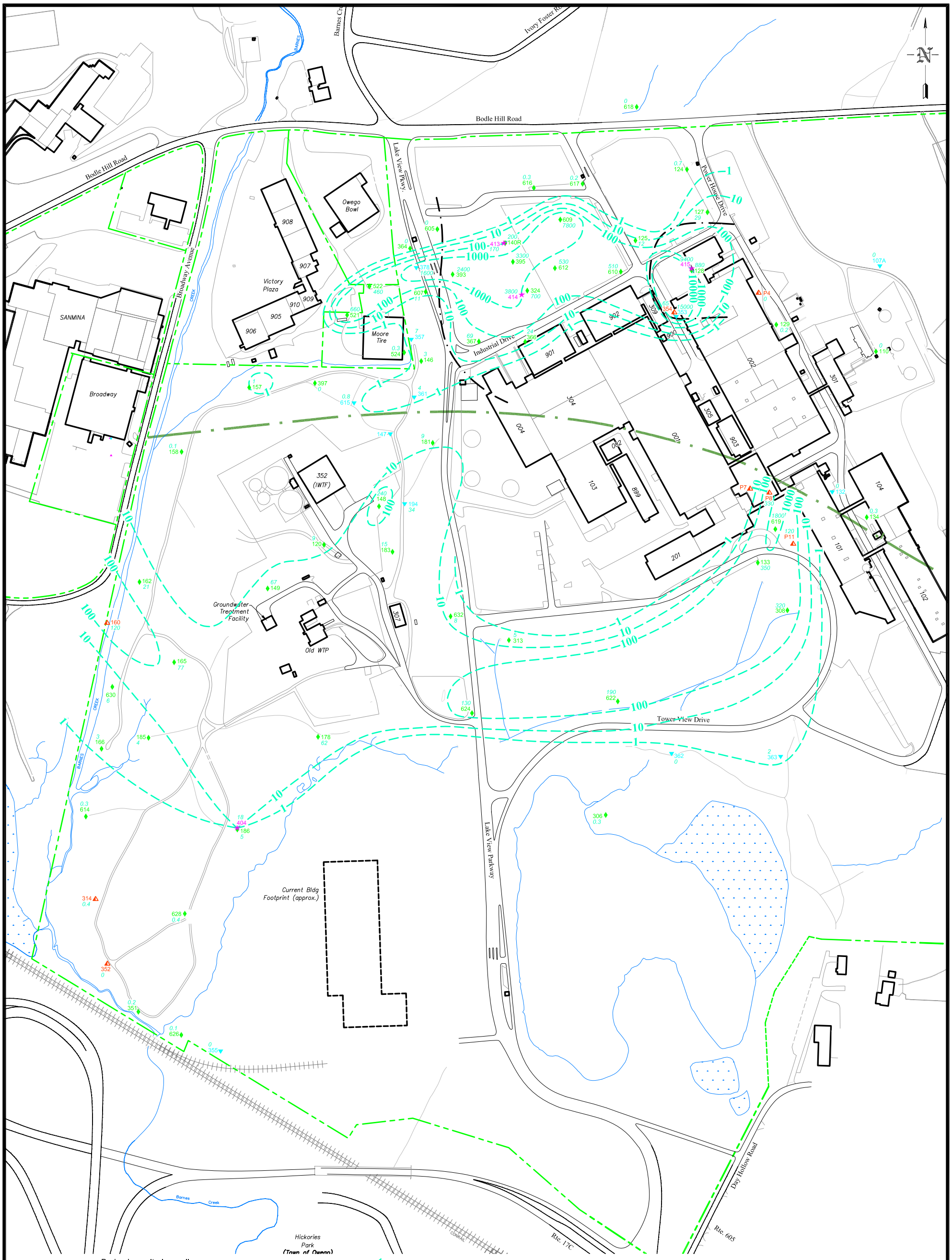
GROUNDWATER SCIENCES CORPORATION



- ▼ - Bedrock monitoring well
- ♦ - Soil/Bedrock monitoring well
- ⚠ - Till monitoring well
- ★ - Withdrawal well
- 0.4 - TCA-Series Concentration (ug/l)

- 100 - TCA-Series Concentration Contour (ug/l)
- - Groundwater Flow Divide
- - Property Line
- - Line of Separation Between Northern and Southern Sampling Events
- - Swamp area

Calculation:

$$\text{TCA Series} = \text{TCA} + \text{1,1-DCA}\left(\frac{133.42}{98.97}\right) + \text{1,1-DCE}\left(\frac{133.42}{96.95}\right) + \text{CEA}\left(\frac{133.42}{64.52}\right)$$

where
- TCA = 1,1,1-Trichloroethane
- 1,1-DCA = 1,1-Dichloroethane
- 1,1-DCE = 1,1-Dichloroethene
- CEA = Chloroethane

Notes: Some wells that monitor the lower till or the bedrock were used to construct this map.
Values shown have been rounded to two significant figures or one significant figure if less than 10 ug/l.

Northern Area wells sampled July 2010.
Southern Area wells sampled October 2010.

Scale
0 175' 350'

Figure 3-3

IBM
Owego, New York

Till/Bedrock TCA-Series Isoconcentration Contour Map Third and Fourth Quarters, 2010

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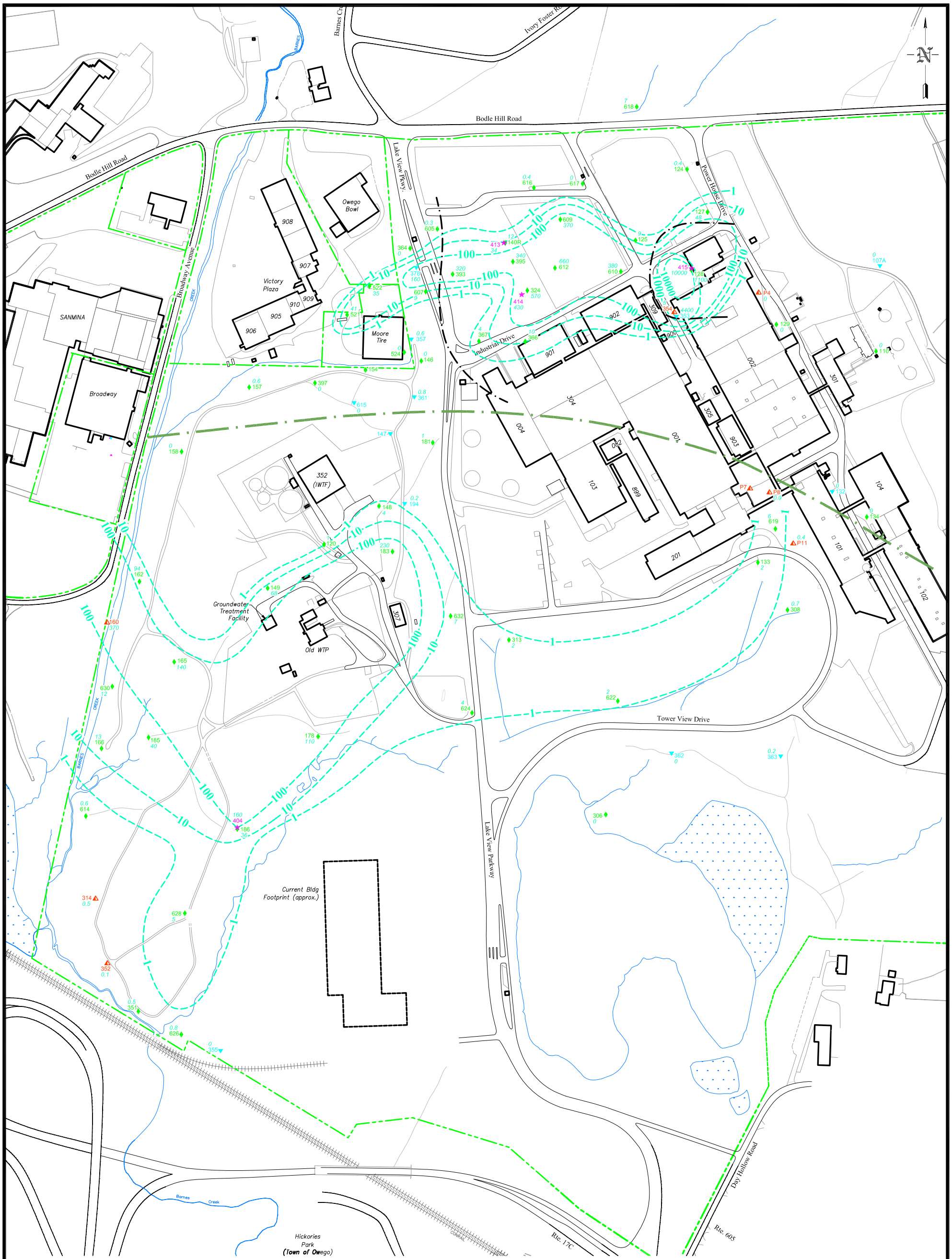

- Bedrock monitoring well
- Soil/Bedrock monitoring well
- Till monitoring well
- Withdrawal well
- TCE-Series Concentration (ug/l)
- TCE-Series Concentration Contour (ug/l)
- Groundwater Flow Divide
- Property Line
- Line of Separation Between Northern and Southern Sampling Events
- Swamp area

Calculation:

$$\text{TCE Series} = \text{TCE} + \text{1,2-DCE(TOT)}\left(\frac{131.4}{96.95}\right) + \text{VC}\left(\frac{131.4}{62.5}\right)$$

where TCE = Trichloroethene; 1,2-DCE(TOT) = Total 1,2-Dichloroethene; VC = Vinyl Chloride

Notes: Some wells that monitor the lower till or the bedrock were used to construct this map. Values shown have been rounded to two significant figures. or one significant figure if less than 10 ug/l.

Northern Area wells sampled July 2010.
Southern Area wells sampled October 2010.

Scale 0 175' 350'

Figure 3-4

Till/Bedrock TCE-Series Isoconcentration Contour Map Third and Fourth Quarters, 2010

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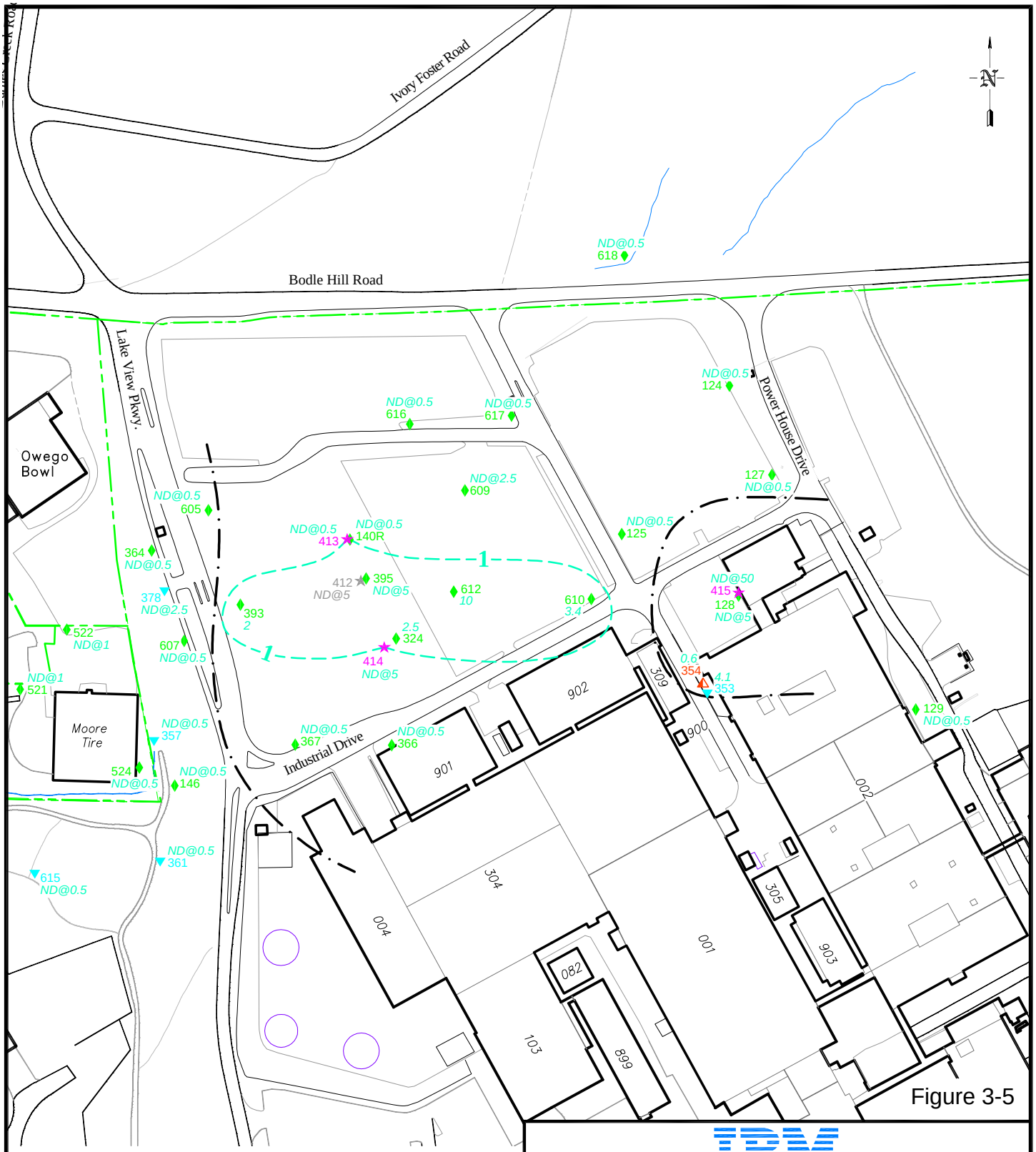
CHECKED & APPROVED BY: CAR		

GROUNDWATER SCIENCES CORPORATION



- ▼ - Bedrock monitoring well
- ♦ - Soil/Bedrock monitoring well
- △ - Till monitoring well
- ★ - Withdrawal well
- 1 - Methylene Chloride Concentration Contour (ug/l; July 2010)
- 2.5 - Methylene Chloride Concentration (ug/l; July 2010)
- ND@X - Not Detected at Laboratory Detection Limit "X"
- Groundwater Flow Divide
- Property Line

Scale
0 125' 250'

Figure 3-5

IBM
Owego, New York

Till/Bedrock Methylene Chloride Concentration Contour Map Third Quarter, 2010

DRAWN BY: MHM	DATE: 2/21/11	DRAWING NO. 93004-081-C1
CHECKED & APPROVED BY: CAR		

GROUNDWATER SCIENCES CORPORATION

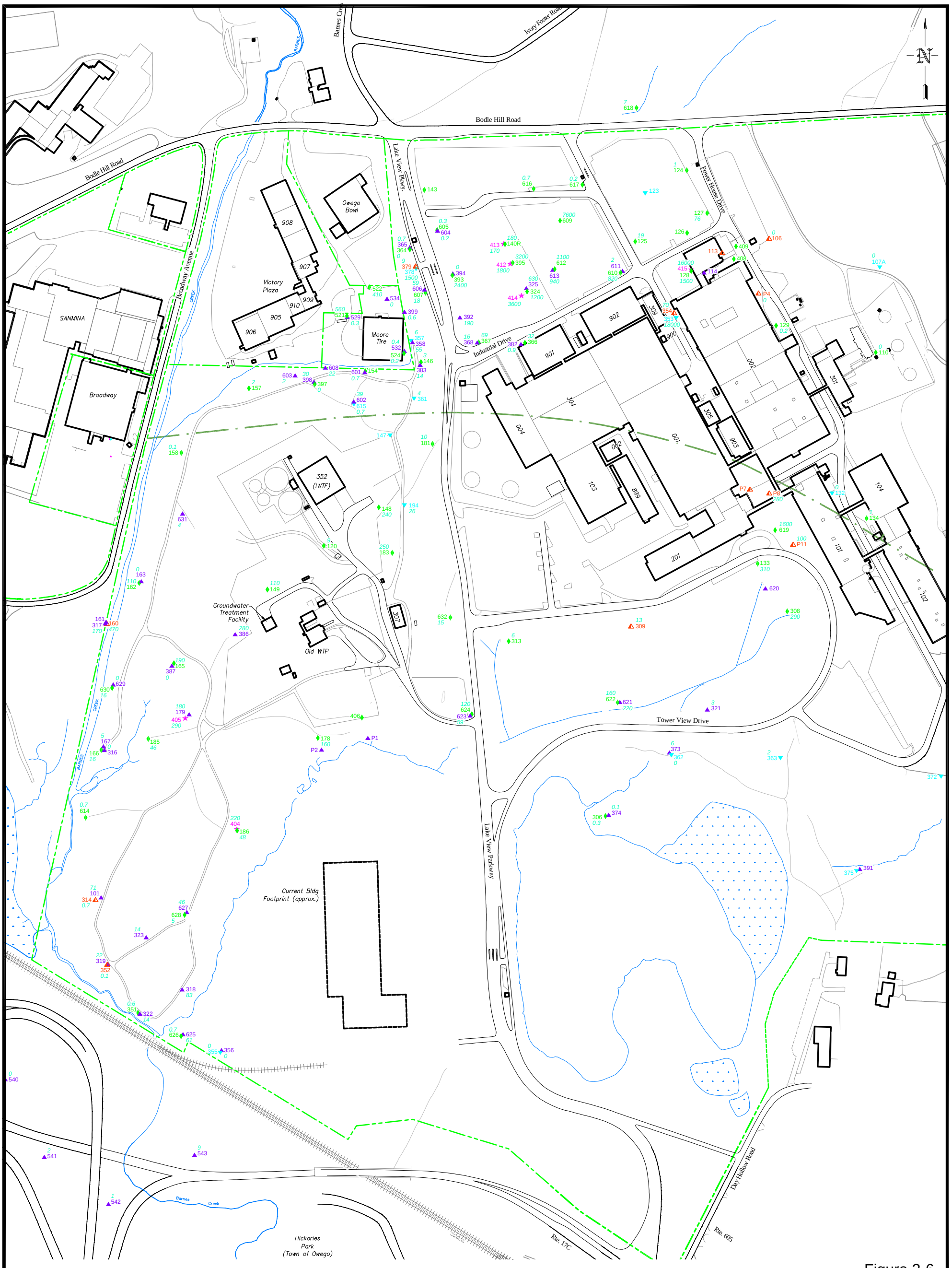


Figure 3-6

- ▼ - Bedrock monitoring well
- ▲ - Soil monitoring well
- ♦ - Soil/Bedrock monitoring well
- ◬ - Till monitoring well
- ★ - Withdrawal well
- 9 - Total VOCs Concentration (ug/l)

- Property Line
- Site Area Boundary
- Swamp area

Northern Area wells sampled July 2010; Southern Area wells sampled October 2010.

Note: Values shown have been rounded to two significant figures or one significant figure if less than 10 ug/l.

Scale
0 175' 350'

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Total Volatile Organic Compounds (VOCs) Concentration in Groundwater (ug/l) Third and Fourth Quarters, 2010

DRAWN BY: MHM	DATE: 2/19/11	DRAWING NO. 93004-078-F
CHECKED & APPROVED BY: CAR		

GROUNDWATER SCIENCES CORPORATION

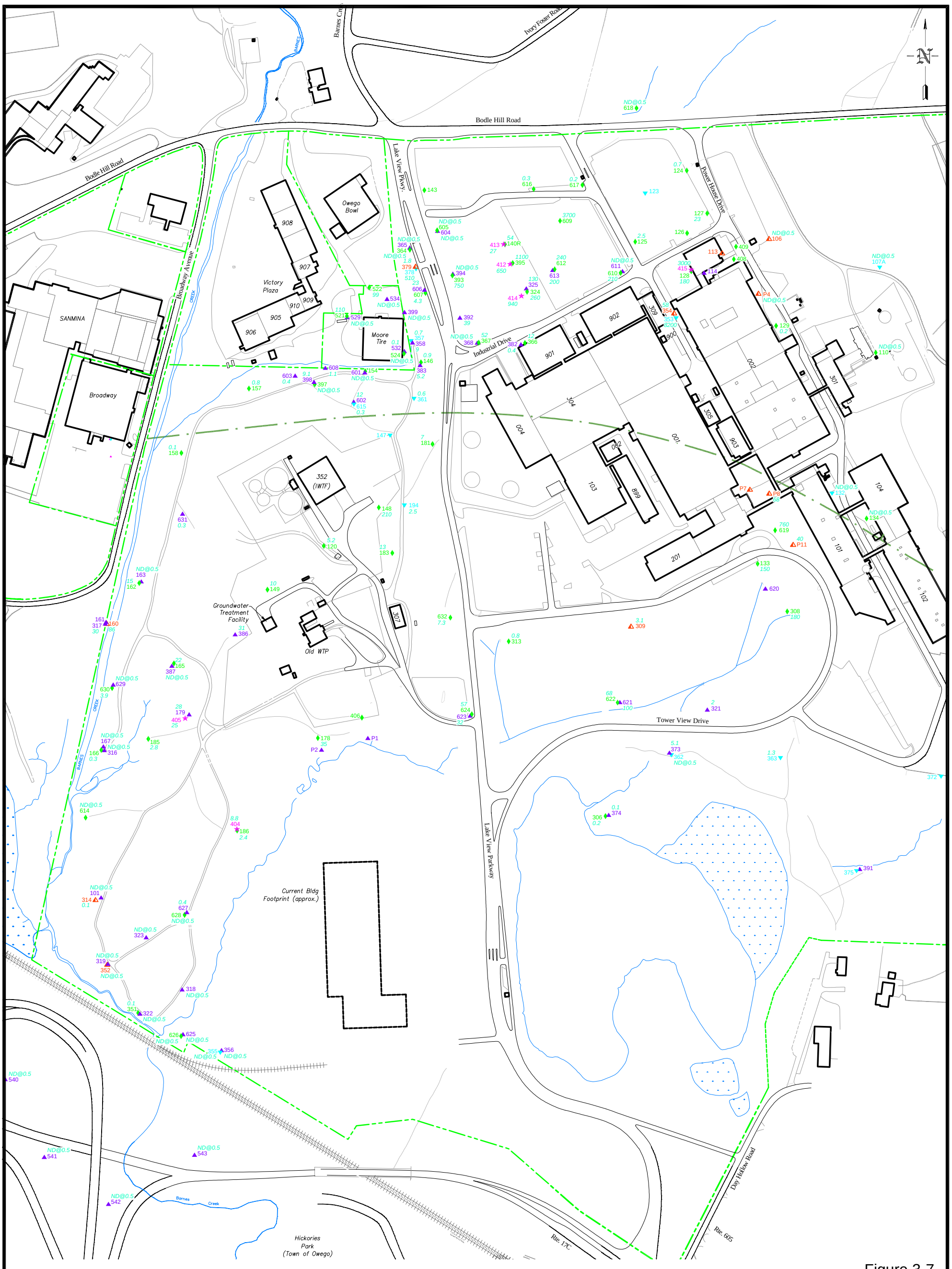

Figure 3-7

2 - 1,1,1-Trichloroethane Concentration (ug/l)

ND@0.5 - Not Detected at Laboratory Detection Limit "X"

- Bedrock monitoring well
- Soil monitoring well
- Soil/Bedrock monitoring well
- Till monitoring well
- Withdrawal well
- Property Line
- Site Area Boundary
- Swamp area

Southern Area wells sampled July 2009; Northern Area wells sampled October 2009.

Note: Values shown have been rounded to two significant figures or one significant figure if less than 10 ug/l.

Scale
0 175' 350'

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1,1,1-Trichloroethane Concentrations Third and Fourth Quarters, 2010

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CHECKED & APPROVED BY: CAR		

GROUNDWATER SCIENCES CORPORATION

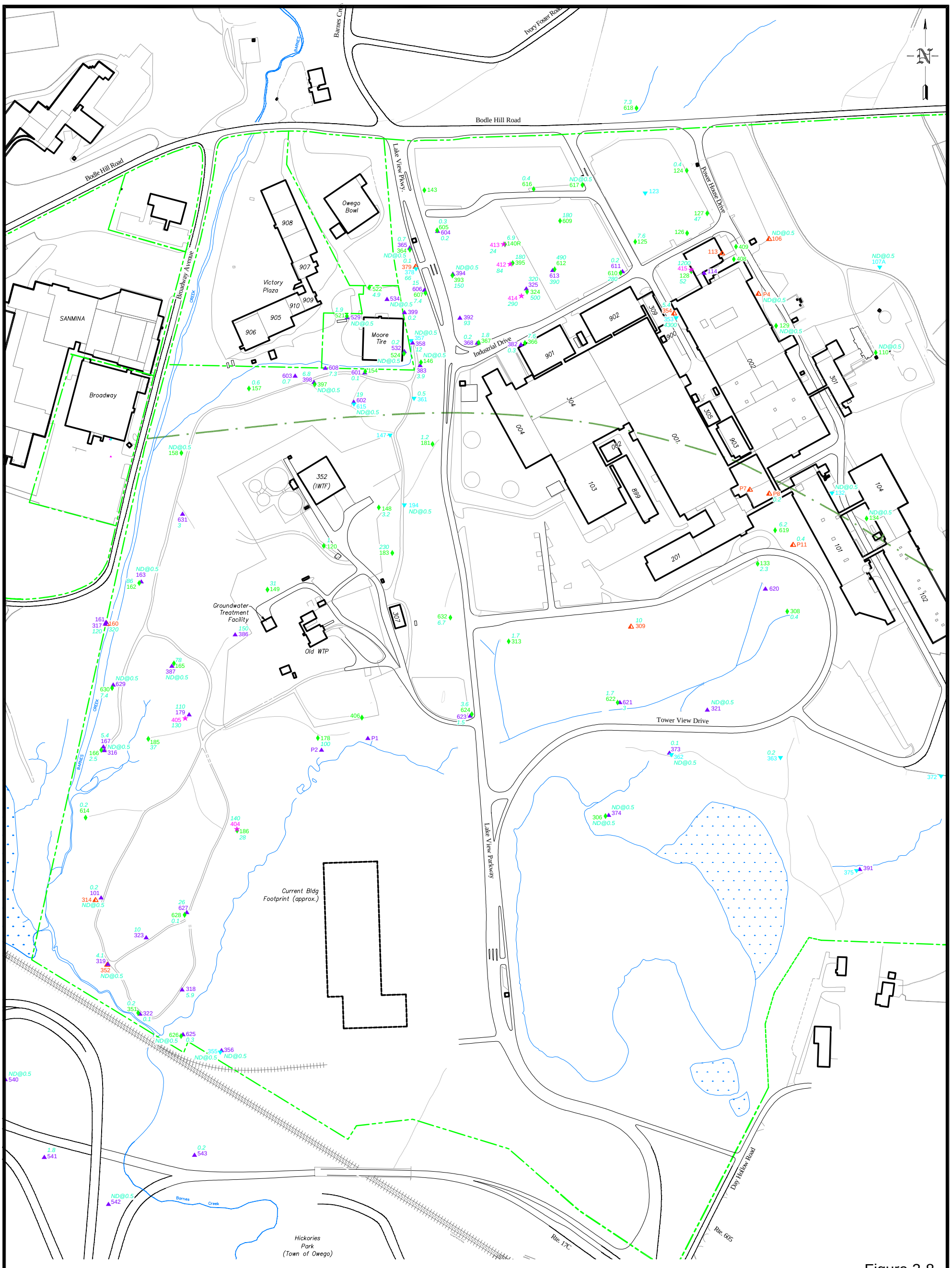


Figure 3-8

1.8 - Trichloroethene Concentration (ug/l)
ND@0.5 - Not Detected at Laboratory Detection Limit "X"
- Bedrock monitoring well
- Soil monitoring well
- Soil/Bedrock monitoring well
- Till monitoring well
- Withdrawal well

- Property Line
- Site Area Boundary
- Swamp area

Southern Area wells sampled July 2010; Northern Area wells sampled October 2010.

Note: Values shown have been rounded to two significant figures or one significant figure if less than 10 ug/l.

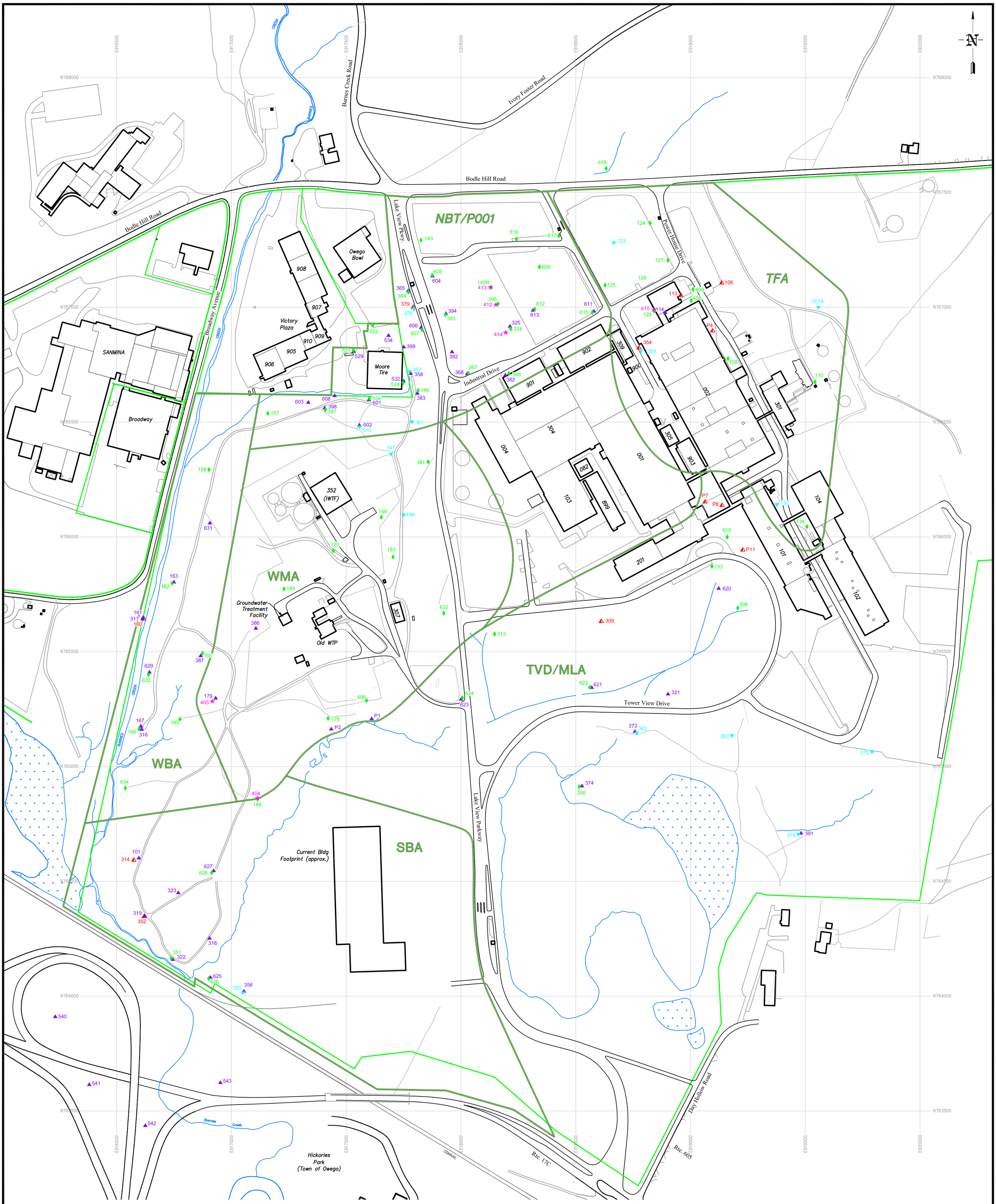
Scale
0 175' 350'

IBM
Owego, New York

Trichlorothene Concentrations
Third and Fourth Quarters, 2010

DRAWN BY: MHM	DATE: 2/19/11	DRAWING NO. 93004-028-P
CHECKED & APPROVED BY: CAR		

GROUNDWATER SCIENCES CORPORATION



- ▼ - Bedrock monitoring well
- ▲ - Soil monitoring well
- ◭ - Till monitoring well
- ♦ - Soil/Bedrock monitoring well
- ★ - Withdrawal Well
- — Property Line
- Swamp area

NORTHERN AREAS

- **NBT/P001** - Northwest Bedrock Trough/Parking Lot 001 Area
- **TFA** - Tank Farm Area
- — Site Area Boundary

SOUTHERN AREAS

- **WMA** - Waste Management Area
- **SBA** - Southern Boundary Area
- **WBA** - Western Boundary Area
- **TVD/MLA** - Tower View Drive/Mirror Lake Area

Photogrammetric digital mapping by L. Robert Kimball & Associates, Inc., Ebensburg, Pennsylvania.
Date of photography: May 8, 1995; field surveying of property lines not performed.

Scale 0 125' 250'

Plate 1

IBM
Owego, New York

Well Location Map
Corrective Action Monitoring Program

DRAWN BY: MHM	DATE: 6/9/10	DRAWING NO. 93004-016-P1
CHECKED & APPROVED BY: CAR		

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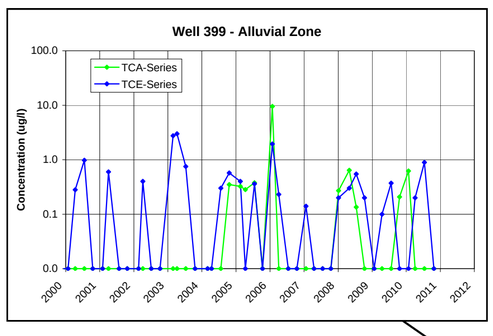

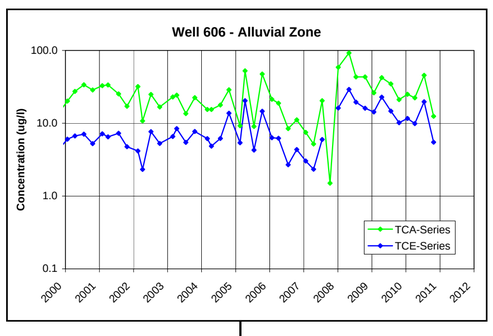

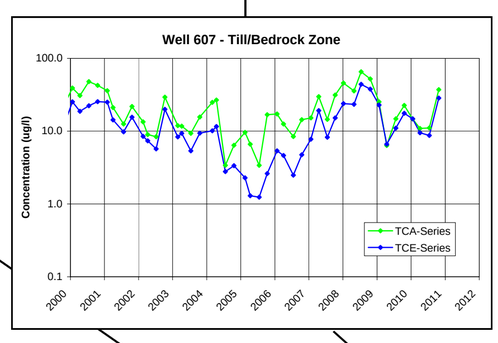

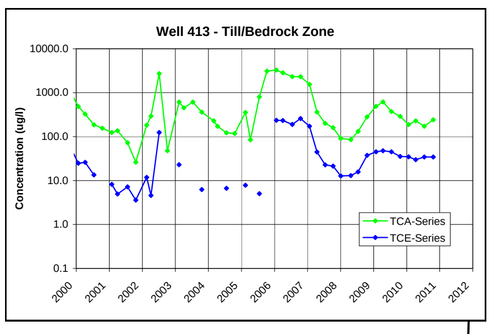

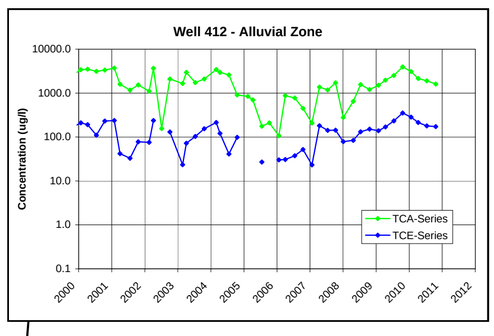

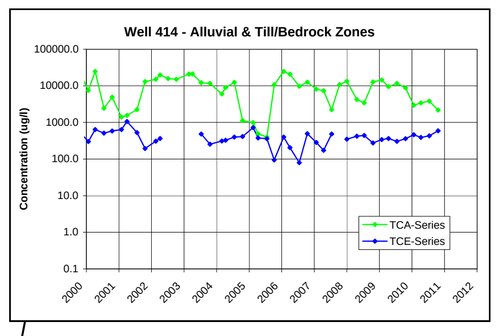

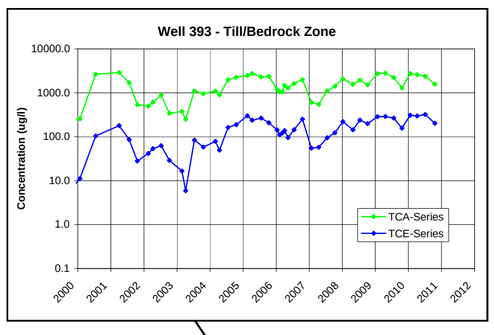

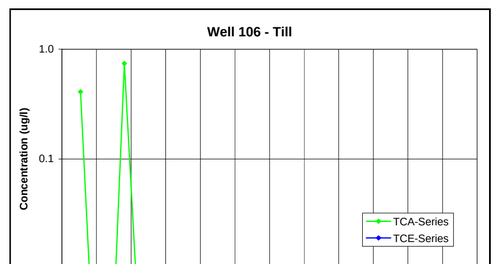

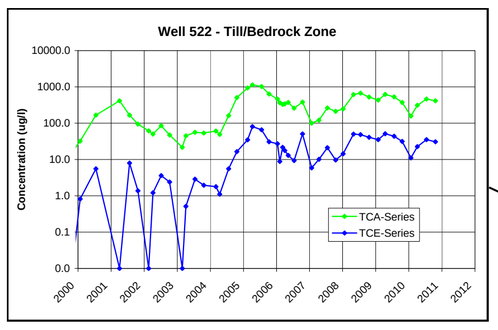

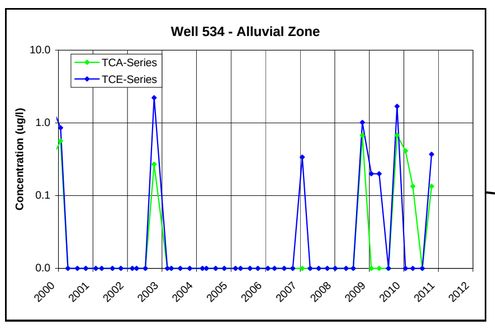

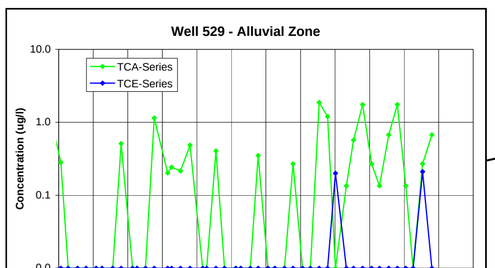

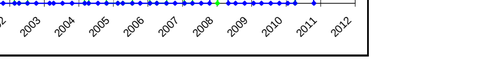

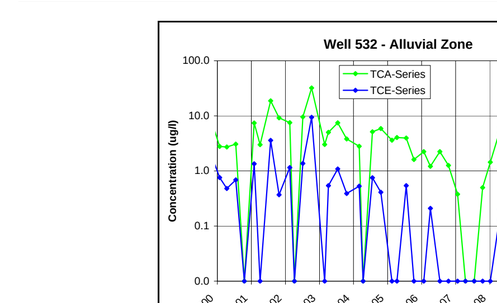

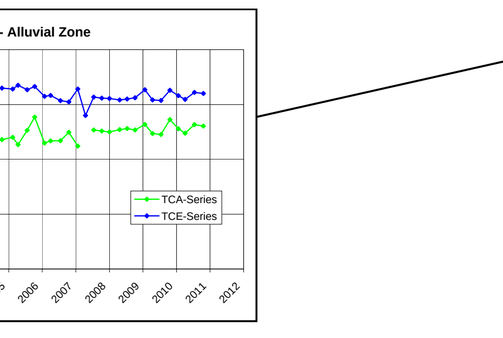

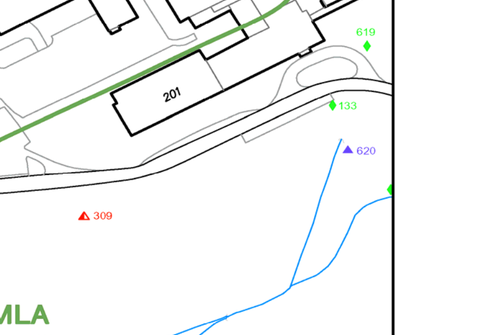

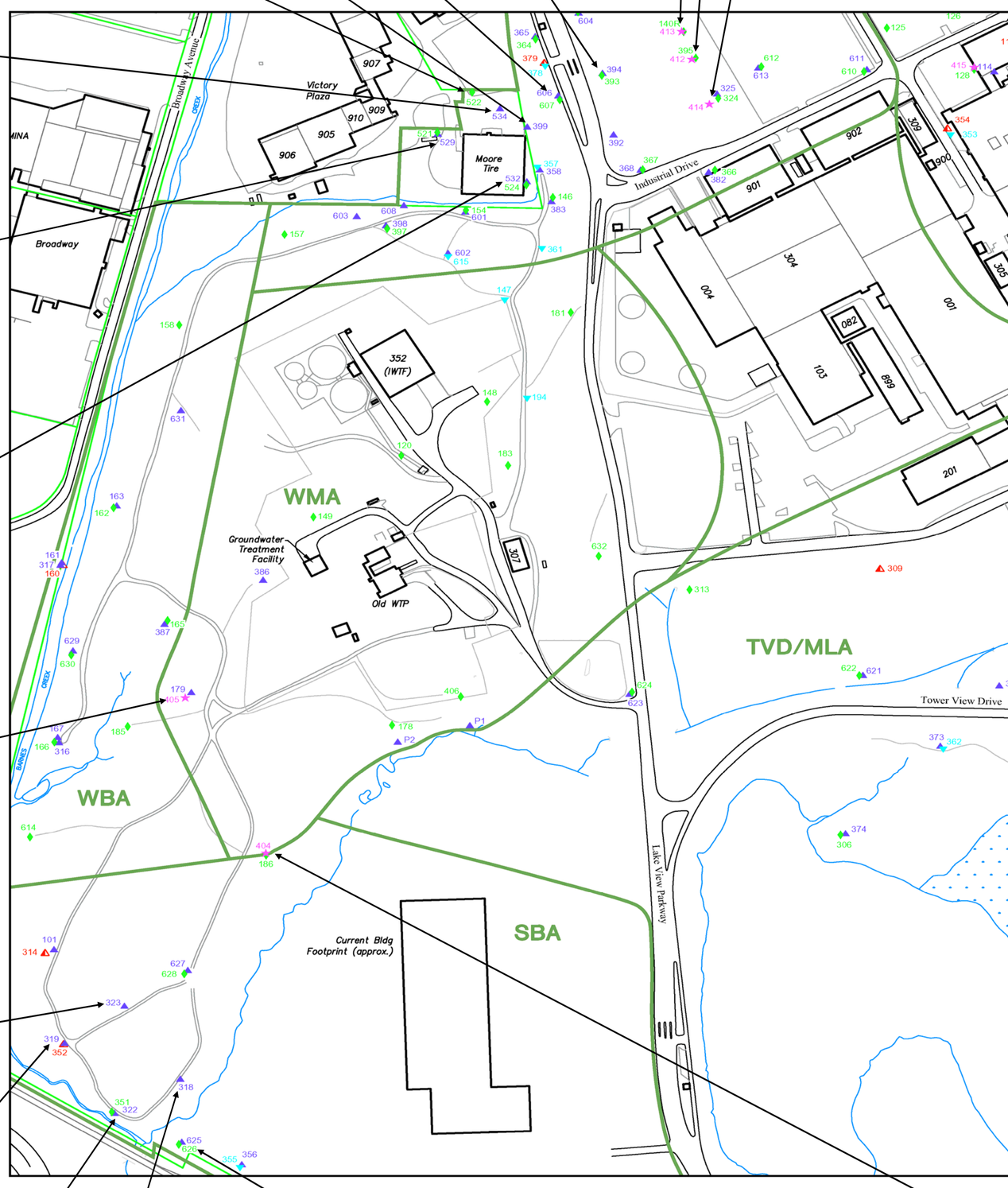

- Bedrock monitoring well
- Soil monitoring well
- Till monitoring well
- Soil/Bedrock monitoring well
- Withdrawal Well
- Property Line
- Swamp area

NORTHERN AREAS

NBT/P001 - Northwest Bedrock Trough/Parking Lot 001 Area
TFA - Tank Farm Area
- Site Area Boundary

SOUTHERN AREAS

WMA - Waste Management Area
SBA - Southern Boundary Area
WBA - Western Boundary Area
TVD/MLA - Tower View Drive/Mirror Lake Area

Photogrammetric digital mapping by L. Robert Kimball & Associates, Inc., Ebensburg, Pennsylvania.
Date of photography: May 8, 1995; field surveying of property lines not performed.

Scale
0 100' 200'

Plate 2

IBM
Owego, New York

Time vs. Concentration Graphs
Quarterly Monitoring Wells

DRAWN BY: MHM	DATE: 2/24/11	DRAWING NO.
CHECKED & APPROVED BY: CAR		93004-016-P4

GROUNDWATER SCIENCES CORPORATION

APPENDIX A

EXTRACTION WELL PUMPING VOLUMES
January 2007 – December 2010

VOC MASS REMOVAL CALCULATIONS
2010

Table A-1: Extraction Well Pumping Volumes (gallons)
Former IBM Facility, Owego, New York

Month	Waste Management Area			Tank Farm Area			Parking Lot 001 Area	Site Total
	404	405	406	408	409	415	412/413/414	
Jan-07	1,841,700	4,627,300	2,308,200	21,669	12,298	0	583,900	9,395,067
Feb-07	1,627,400	4,073,300	2,086,300	8,583	10,364	0	547,500	8,353,447
Mar-07	1,750,000	4,480,900	2,271,900	28,163	10,778	0	634,700	9,176,441
Apr-07	1,614,400	4,244,300	2,124,200	30,980	4,000	0	557,700	8,575,580
May-07	1,663,100	4,327,700	2,200,600	21,800	5,652	0	444,100	8,662,952
Jun-07	1,715,200	4,342,500	2,211,100	7,425	5,067	0	413,400	8,694,692
Jul-07	1,613,200	4,210,600	2,107,400	5,433	5,417	0	402,600	8,344,650
Aug-07	1,686,900	4,378,600	2,461,500	3,312	3,347	0	474,800	9,008,459
Sep-07	1,359,200	3,414,500	2,018,900	3,577	3,858	0	362,000	7,162,035
Oct-07	1,453,400	3,768,500	2,218,400	7,173	3,931	0	322,800	7,774,204
Nov-07	1,609,100	4,446,600	2,457,400	11,523	2,058	0	348,600	8,875,281
Dec-07	1,396,200	3,978,600	2,161,500	23,287	136	0	291,300	7,851,023
Jan-08	1,445,500	4,197,700	2,271,000	21,334	149	0	303,000	8,238,683
Feb-08	1,532,900	4,511,000	2,422,900	23,062	274	0	373,200	8,863,336
Mar-08	1,312,000	3,800,600	2,013,500	36,951	461	0	332,100	7,495,612
Apr-08	1,437,600	4,427,900	2,353,400	28,470	679	0	364,900	8,612,949
May-08	1,454,900	4,524,000	2,426,600	3,122	738	0	348,200	8,757,560
Jun-08	1,464,800	3,882,600	2,093,800	0	1,429	0	277,400	7,720,029
Jul-08	2,920,600	5,313,600	2,325,600	0	1,009	0	234,100	10,794,909
Aug-08	3,189,700	5,755,700	2,402,500	0	936	0	283,900	11,632,736
Sep-08	2,248,200	6,937,500	1,420,100	0	1,905	0	468,400	11,076,105
Oct-08	2,589,300	5,719,300	0	0	836	0	496,800	8,806,236
Nov-08	2,236,800	5,089,600	0	0	88	0	427,200	7,753,688
Dec-08	2,497,800	5,810,900	0	0	65	0	474,700	8,783,465
Jan-09	2,487,622	5,895,860	0	0	233	0	410,611	8,794,326
Feb-09	2,253,891	4,340,524	0	0	556	0	357,597	6,952,568
Mar-09	2,521,453	6,069,810	0	0	487	13	357,411	8,949,173
Apr-09	2,484,303	5,711,551	0	0	0	38,162	344,637	8,578,653
May-09	2,671,916	6,081,103	0	0	0	33,929	391,194	9,178,142
Jun-09	2,521,186	5,858,369	0	0	0	37,601	376,467	8,793,622
Jul-09	2,562,399	5,969,124	0	0	0	31,194	346,005	8,908,722
Aug-09	2,457,975	5,884,108	0	0	0	28,080	302,188	8,672,350
Sep-09	2,379,345	5,655,320	0	0	0	23,721	391,297	8,449,683
Oct-09	3,377,841	5,929,535	0	0	0	21,308	454,021	9,782,705
Nov-09	4,568,023	5,641,420	0	0	0	23,750	400,889	10,634,082
Dec-09	4,621,225	5,770,911	0	0	0	24,989	300,330	10,717,456
Jan-10	4,396,182	5,556,750	0	0	0	27,369	238,780	10,219,081
Feb-10	4,038,273	5,197,824	0	0	0	12,224	230,566	9,478,886
Mar-10	4,433,471	5,369,015	0	0	0	44,386	290,281	10,137,154
Apr-10	6,436,965	6,326,760	0	0	0	39,522	261,992	13,065,240
May-10	6,510,560	6,451,611	0	0	0	31,960	271,329	13,265,461
Jun-10	5,930,163	6,195,637	0	0	0	24,688	244,348	12,394,835
Jul-10	5,392,602	5,971,867	0	0	0	14,169	213,663	11,592,302
Aug-10	5,070,130	5,550,114	0	0	0	6,022	290,688	10,916,954
Sep-10	5,242,448	3,800,193	0	0	0	14,313	333,390	9,390,343
Oct-10	5,378,261	6,262,219	0	0	0	23,545	258,707	11,922,732
Nov-10	5,119,109	6,354,180	0	0	0	15,089	280,201	11,768,579
Dec-10	5,199,329	6,597,933	0	0	0	20,242	235,555	12,053,059

Notes:

Well 406 was deactivated in September 2008 following NYSDEC approval of a new operational plan.

Well 408 was shut down in May 2008 due to an irreparable blockage in the discharge line.

Well 409 was shut down in March 2009 and was replaced by well 415.

Table A-2: 2010 VOC Mass Removal Calculations
Former IBM Facility, Owego, New York

Chemical Concentrations (ug/l)

Location	Period	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Chloroethane	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	1,2-Dichloro-1,2,2-Trifluoroethane (Freon 123a)	Other VOCs	Volume Pumped (gallons)
Well 404	Qtr 1	0.2	190.0	23.0	0.4	9.1	5.4	1.5	0.0	86.0	12.0	1.2	12,867,926
	Qtr 2	0.2	180.0	19.0	0.3	10.0	5.9	1.7	0.0	83.0	9.8	1.3	18,877,689
	Qtr 3	0.2	160.0	18.0	0.3	9.0	5.1	1.3	0.0	41.0	5.5	0.5	15,705,179
	Qtr 4	0.2	140.0	17.0	0.2	8.8	5.3	1.3	0.0	36.0	5.9	0.5	15,696,699
Well 405	Qtr 1	0.4	120.0	18.0	0.2	21.0	4.9	6.1	0.0	97.0	6.1	0.4	16,123,590
	Qtr 2	0.3	92.0	23.0	0.2	19.0	3.6	4.5	0.0	60.0	4.3	0.3	18,974,008
	Qtr 3	0.5	140.0	19.0	0.3	24.0	6.5	7.4	0.0	190.0	12.0	0.5	15,322,175
	Qtr 4	0.4	130.0	21.0	0.2	25.0	4.8	6.5	0.0	100.0	6.3	0.3	19,214,332
Well 415	Qtr 1	43.0	1200.0	7400.0	420.0	2800.0	3300.0	2200.0	0.0	360.0	40.0	21.0	83,980
	Qtr 2	40.0	920.0	6000.0	280.0	2700.0	2700.0	1700.0	0.0	250.0	25.0	68.0	96,170
	Qtr 3	47.0	1200.0	6000.0	340.0	3000.0	2700.0	2000.0	0.0	330.0	28.0	17.0	34,504
	Qtr 4	41.0	1000.0	4800.0	150.0	2500.0	1900.0	1400.0	0.0	170.0	0.0	18.0	58,876
P001 Area (412, 413, 414)	Qtr 1	1.1	200.0	52.0	4.0	460.0	890.0	49.0	1.5	35.0	14.0	0.0	759,626
	Qtr 2	1.3	190.0	55.0	3.1	550.0	870.0	54.0	1.1	40.0	13.0	3.2	777,669
	Qtr 3	1.2	220.0	57.0	4.7	480.0	950.0	66.0	1.9	39.0	15.0	1.3	837,741
	Qtr 4	0.0	150.0	53.0	4.0	450.0	730.0	51.0	2.0	39.0	12.0	0.0	774,463
												Totals	**136,204,628** gallons

Pounds of Chemicals Removed

Location	Period	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Chloroethane	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	1,2-Dichloro-1,2,2-Trifluoroethane (Freon 123a)	Other VOCs	Total VOCs Removed (pounds)	Pounds Removed (January - December 2010)
Well 404	Qtr 1	0.02	20.41	2.47	0.04	0.98	0.58	0.16	0.00	9.24	1.29	0.13	35.33	**144.2**
	Qtr 2	0.03	28.37	2.99	0.05	1.58	0.93	0.27	0.00	13.08	1.54	0.20	49.05	
	Qtr 3	0.03	20.98	2.36	0.04	1.18	0.67	0.17	0.00	5.38	0.72	0.07	31.59	
	Qtr 4	0.03	18.35	2.23	0.03	1.15	0.69	0.17	0.00	4.72	0.77	0.07	28.21	
Well 405	Qtr 1	0.05	16.16	2.42	0.03	2.83	0.66	0.82	0.00	13.06	0.82	0.05	36.90	**168.2**
	Qtr 2	0.05	14.58	3.64	0.03	3.01	0.57	0.71	0.00	9.51	0.68	0.05	32.83	
	Qtr 3	0.06	17.91	2.43	0.04	3.07	0.83	0.95	0.00	24.31	1.54	0.06	51.20	
	Qtr 4	0.06	20.86	3.37	0.03	4.01	0.77	1.04	0.00	16.04	1.01	0.05	47.25	
Well 415	Qtr 1	0.03	0.84	5.19	0.29	1.96	2.31	1.54	0.00	0.25	0.03	0.01	12.47	**34.7**
	Qtr 2	0.03	0.74	4.82	0.22	2.17	2.17	1.37	0.00	0.20	0.02	0.05	11.79	
	Qtr 3	0.01	0.35	1.73	0.10	0.86	0.78	0.58	0.00	0.10	0.01	0.00	4.51	
	Qtr 4	0.02	0.49	2.36	0.07	1.23	0.93	0.69	0.00	0.08	0.00	0.01	5.89	
P001 Area (412, 413, 414)	Qtr 1	0.01	1.27	0.33	0.03	2.92	5.65	0.31	0.01	0.22	0.09	0.00	10.82	**44.9**
	Qtr 2	0.01	1.23	0.36	0.02	3.57	5.65	0.35	0.01	0.26	0.08	0.02	11.56	
	Qtr 3	0.01	1.54	0.40	0.03	3.36	6.65	0.46	0.01	0.27	0.10	0.01	12.84	
	Qtr 4	0.00	0.97	0.34	0.03	2.91	4.72	0.33	0.01	0.25	0.08	0.00	9.64	
		0.5	**165.0**	**37.4**	**1.1**	**36.8**	**34.6**	**9.9**	**0.04**	**97.0**	**8.8**	**0.8**	**391.9**	pounds

APPENDIX B

Table B-1: Well Specifications
Corrective Action Monitoring Program

Well	Northing (grid feet)	Easting (grid feet)	Current M.P. Elevation (ft amsl)	Current Ground Surface Elevation (ft amsl)	Depth to Bedrock (ft bgs)	Bedrock Elevation (ft amsl)	Baseline Depth to Bottom from M.P. (ft)	Baseline Elevation of Bottom (ft amsl)	Well Diameter (in)	Screen Length (ft)	Well Construction Material	Geologic Unit Monitored	Site Area	Up, Down, or Side Gradient
101	764601.1	916596.6	814.01	811.2	NE	NE	40.95	773.06	6	10	S, 25 slot	Outwash Sand	SBA	DG
106	767106.1	919136.5	914.91	912.9	11.6	901.2	13.12	901.79	4	5.3	PVC	Till*	TFA	UG
107A	767000.3	919557.6	961.80	960.3	NL	NL	64.96	896.84	2	NL	PVC	Bedrock	TFA	UG
110	766674.6	919542.5	946.88	947.9	15.5	931.3	20.11	926.77	4	5.3	PVC	Till/Bedrock	TFA	UG
113	767051.4	918957.9	914.83	912.1	25	887.0	12.72	902.11	4	5.3	PVC	Till	TFA	DG
114	766976.5	918889.9	916.13	913.4	22	891.6	16.65	899.48	4	5.3	PVC	Fill	TFA	DG
120	765939.9	917443.6	846.20	844.7	24	820.7	39.58	806.62	6	18	OH	Till/Bedrock	WMA	DG
123	765871.9	919093.3	903.96	904.5	18	886.0	21.89	882.07	4	4	PVC	Bedrock	TFA	DG
124	767366.9	918823.9	911.43	908.5	20	888.4	25.14	886.29	4	4	PVC	Till/Bedrock	TFA	SG
125	767096.6	918627.9	905.36	905.7	24	881.3	24.86	880.50	4	4	PVC	S & G/Bedrock	TFA	DG
126	767128.9	918825.2	908.95	909.4	22	886.9	23.90	885.05	4	4	PVC	Till/Bedrock	TFA	DG
127	767204.2	918901.6	909.65	909.8	18	891.2	19.54	890.11	4	4	PVC	S & G/Bedrock	TFA	DG
128	766984.2	918840.7	914.23	912.5	22	890.5	24.86	889.37	2	5	PVC, 10-slot	Till/Bedrock	TFA	DG
129	766776.9	919163.6	912.10	912.0	7.5	906.4	8.35	903.75	4	4	PVC	Till/Bedrock	TFA	DG
132	766141.1	919376.3	915.31	912.0	14	898.1	21.20	894.11	4	4	PVC	Bedrock	TFA	DG
133	767281.5	918665.9	897.22	894.3	26	867.5	31.50	865.72	4	4	PVC	Till/Bedrock	TVD/MLA	DG
134	766044.5	919507.4	916.46	913.9	36	876.5	42.89	873.57	4	4	PVC	Till/Bedrock	TFA	DG
140R	767086.4	918134.6	889.14	887.0	41.5	845.5	45.14	844.00	2	5	PVC, 20-slot	Till/Bedrock	NBT/P001	DG
143	767292.3	917826.1	884.81	885.5	19.5	866.5	29.05	855.76	4	4	PVC	Till/Bedrock	NBT/P001	DG
146	766637.9	917813.3	868.04	865.6	22	843.6	25.86	842.18	4	4	PVC	Till/Bedrock	NBT/P001	DG
147	766361.6	917695.9	871.57	868.9	20	848.5	27.28	844.29	4	4	PVC	Bedrock	WMA	DG
148	766085.9	917652.8	857.87	854.6	32	823.1	34.91	822.96	4	5	PVC	Till/Bedrock	WMA	DG
149	765773.6	917229.3	834.27	831.6	29	802.5	33.57	800.70	4	4	PVC	Till/Bedrock	WMA	DG
154	766603.6	917601.3	861.70	860.2	21	839.2	25.56	836.14	2	10	PVC, 10-slot	Till/Bedrock	NBT/P001	DG
157	766538.0	917158.9	854.13	852.7	16	836.6	20.02	834.11	4	10	PVC	Till/Bedrock	NBT/P001	DG
158	766293.2	916902.0	838.28	836.2	37	799.1	39.76	798.52	4	10	PVC	Till/Bedrock	WBA	SG
160	765642.6	916618.6	824.31	821.6	60	761.4	58.46	765.85	4	10	PVC	Basal Till	WBA	SG
161	765648.6	916615.3	824.96	821.8	NE	NE	22.74	802.22	4	10	PVC	Alluvial silt and gravel	WBA	SG
162	765798.6	916741.9	825.50	823.7	47	776.5	50.43	775.07	4	10	PVC	Till/Bedrock	WBA	SG
163	765802.6	916749.6	825.40	823.8	NE	NE	25.49	799.91	4	10	PVC	Alluvial silt and gravel	WBA	SG
165	765493.3	916873.7	817.50	815.6	40	775.4	44.21	773.29	4	10	PVC	Till/Bedrock	WBA	SG
166	765164.2	916597.5	813.71	812.0	87	724.5	90.56	723.15	4	15	PVC	Till/Bedrock	WBA	SG
167	765175.2	916605.7	813.26	811.7	NE	NE	25.52	787.74	4	10	PVC	Silt	WBA	SG
178	765209.7	917421.0	812.22	809.2	32	776.8	36.38	775.84	4	10	PVC, 10 slot	Gravel/Bedrock	WMA	DG
179	765297.4	916931.4	818.32	815.6	NE	NE	71.51	746.81	4	4	PVC, 8 slot	Outwash Sand	WMA	DG
181	766327.2	917857.1	894.65	893.2	37	855.7	40.60	854.05	4	5	PVC	Till/Bedrock	WMA	DG
183	765912.9	917704.1	851.83	848.9	25	823.9	30.50	821.33	4	5	PVC	Till/Bedrock	WMA	DG
185	765206.1	916776.3	815.54	813.0	89	723.9	94.20	721.34	4	20	PVC	S & G/Bedrock	WBA	DG
186	764857.7	917114.0	820.32	817.8	92	725.9	96.27	724.05	4	30	PVC	S & G/Bedrock	SBA	DG
194	766096.0	917750.2	862.70	861.4	36	824.3	113.37	749.33	5	62	S/OH	Bedrock	WMA	DG
306	764912.6	918514.9	821.04	817.8	58	760.1	62.50	758.54	4	20	PVC	S & G/Bedrock	TVD/MLA	DG
308	765690.7	919205.9	876.26	873.1	25	847.9	29.99	846.27	4	10	PVC	Till/Bedrock	TVD/MLA	DG
309	765632.1	918611.4	874.69	872.4	27	845.1	32.17	842.52	4	5	PVC	Till	TVD/MLA	DG
313	765577.1	918146.7	849.79	847.3	35	812.0	39.50	810.29	4	NR	PVC	Till/Bedrock*	TVD/MLA	DG
314	764592.4	916575.0	813.82	811.1	98	713.0	100.43	713.39	4	5	PVC	Basal Till	SBA	DG
316	765161.3	916608.8	813.46	812.0	NE	NE	48.99	764.47	4	10	PVC	Glaciolac., vf sand, silt, clay	WBA	DG
317	765642.2	916612.3	823.00	820.6	NE	NE	47.16	775.84	4	10	PVC	Outwash S & G	WBA	DG
318	764251.6	916904.6	814.19	811.9	NE	NE	47.32	766.87	4	10	PVC	Outwash S & G	SBA	DG
319	764348.5	916622.4	806.89	804.3	NE	NE	45.23	761.66	4	10	PVC	Outwash Sand	SBA	DG
321	765315.2	918902.2	853.72	852.1	NE	NE	39.56	814.16	4	10	PVC	S & G/Till	TVD/MLA	DG
322	764159.2	916744.3	806.20	803.8	NE	NE	45.74	760.46	4	10	PVC	Outwash S & G	SBA	DG
323	764450.0	916768.0	813.67	811.6	NE	NE	47.35	766.32	4	10	PVC	Outwash Sand	SBA	DG
324	766906.2	918216.7	892.67	890.8	50.0	840.8	53.43	839.24	2	10	PVC, 10 slot	Till/Bedrock	NBT/P001	DG
325	766916.7	918213.5	892.15	890.5	NE	NE	42.61	849.54	2	5	PVC, 10 slot	Alluvial Gravel	NBT/P001	DG
351	764164.5	916737.6	805.62	804.1	86	718.1	90.40	715.22	2	5	PVC	Till/Bedrock	SBA	DG
352	764346.6	916619.9	806.48	804.6	84.8	719.8	87.41	719.07	2	5	PVC	Basal Till	SBA	DG
353	766807.8	918783.5	912.87	913.3	23	890.3	28.57	884.30	2	5	PVC	Bedrock	TFA	DG
354	766823.0	918775.7	912.85	913.4	NE	NE	17.25	895.60	2	5	PVC	Till	TFA	DG
355	764015.2	917050.3	813.42	811.3	89.5	721.8	97.90	715.52	2	5	PVC	Bedrock	SBA	DG
356	764020.7	917054.5	813.31	811.5	NE	NE	70.32	742.99	2	5	PVC	Outwash S & G	SBA	DG
357	766720.9	917775.4	863.91	861.8	24.5	837.3	34.53	829.38	2	5	PVC	Bedrock	NBT/P001	DG
358	766711.3	917781.0	864.08	861.8	NE	NE	17.64	846.44	2	5	PVC	Alluvial S & G	NBT/P001	DG
361	766501.5	917786.6	868.42	865.8	28	837.8	35.39	833.03	2	5	PVC	Bedrock	NBT/P001	DG
362	765146.5	918765.3	832.69	829.8	58	771.8	66.64	766.05	2	5	PVC	Bedrock	TVD/MLA	DG

Table B-1: Well Specifications
Corrective Action Monitoring Program

Well	Northing (grid feet)	Easting (grid feet)	Current M.P. Elevation (ft amsl)	Current Ground Surface Elevation (ft amsl)	Depth to Bedrock (ft bgs)	Bedrock Elevation (ft amsl)	Baseline Depth to Bottom from M.P. (ft)	Baseline Elevation of Bottom (ft amsl)	Well Diameter (in)	Screen Length (ft)	Well Construction Material	Geologic Unit Monitored	Site Area	Up, Down, or Side Gradient
363	765135.4	919180.1	855.07	852.5	38.5	814.0	45.53	809.54	2	5	PVC	Bedrock	TVD/MLA	DG
364	767066.3	917771.0	897.72	896.0	60.5	835.5	65.27	832.45	2	5	PVC	Till/Bedrock	NBT/P001	SG
365	767072.2	917770.3	898.02	896.2	NE	NE	45.86	852.16	2	5	PVC	Alluvial S & G	NBT/P001	SG
366	766711.7	918208.6	912.48	910.7	37.2	873.5	42.99	869.49	2	5	PVC	Till/Bedrock	NBT/P001	DG
367	766712.8	918032.6	910.15	908.9	67	841.9	72.55	837.60	2	5	PVC	Till/Bedrock	NBT/P001	DG
368	766710.2	918027.1	910.25	908.8	NE	NE	49.42	860.83	2	5	PVC	Alluvial f. Sand, Slt, G	NBT/P001	DG
372	765064.9	919791.2	904.96	903.5	58	845.5	65.82	839.14	2	5	PVC	Bedrock	TVD/MLA	SG
373	765151.7	918758.2	832.19	829.5	NE	NE	45.70	786.49	2	10	PVC	Outwash S & G	TVD/MLA	DG
374	764914.9	918527.1	821.25	818.6	NE	NE	20.54	800.71	2	10	PVC	Sand & Gravel	TVD/MLA	DG
375	764705.6	919469.4	833.00	831.4	38	793.4	45.58	787.42	2	5	PVC	Bedrock	TVD/MLA	SG
378	766993.8	917794.6	900.05	898.0	65.5	832.5	77.22	822.83	2	5	PVC	Bedrock	NBT/P001	DG
379	767000.4	917792.4	899.67	897.8	NE	NE	51.92	847.75	2	5	PVC	Till	NBT/P001	DG
382	766704.2	918193.3	912.59	910.4	NE	NE	22.58	890.01	2	5	PVC	Fill	NBT/P001	DG
383	766625.0	917810.0	867.39	864.6	NE	NE	16.99	850.40	2	5	PVC	Alluvial Slt & f. Sand	NBT/P001	DG
386	765601.5	917106.5	822.26	819.4	NE	NE	17.46	804.80	2	5	PVC	Alluvial S & G	WMA	DG
387	765481.8	916866.0	817.59	815.1	NE	NE	15.52	802.07	2	5	PVC	Alluvial S&G & Silt	WBA	DG
391	764709.2	919481.7	833.75	831.5	NE	NE	30.18	803.57	2	10	PVC	Outwash S & G	TVD/MLA	SG
392	766805.5	917961.4	896.07	894.0	NE	NE	45.07	851.00	2	10	PVC, 10 slot	Alluvial S&G & Silt	NBT/P001	DG
393	766967.9	917932.7	892.69	890.5	59	831.5	65.19	827.50	2	5	PVC, 10 slot	Till/Bedrock	NBT/P001	DG
394	766972.3	917934.2	892.51	890.5	NE	NE	47.01	845.50	2	10	PVC, 10 slot	Alluvial S&G & Silt	NBT/P001	DG
395	767015.6	918162.0	890.07	888.1	59.5	828.6	65.10	824.97	2	5	PVC, 10 slot	Till/Bedrock	NBT/P001	DG
397	766554.2	917409.1	865.79	863.6	34	829.6	39.69	826.10	2	5	PVC, 10 slot	Till/Bedrock	NBT/P001	DG
398	766561.0	917406.4	865.37	863.3	NE	NE	18.07	847.30	2	10	PVC, 10 slot	Alluvial S&G & Silt	NBT/P001	DG
399	766826.6	917750.8	867.38	865.3	NE	NE	16.59	850.79	2	10	PVC, 10 slot	Alluvial S&G & Silt	NBT/P001	DG
404	764862.8	917113.2	NA	NA	92	725.8	NA	NA	10	5 10 5	S, 6 slot S, 6 slot S, 10 slot	Alluvial Zone Alluvial Zone / Till Till/Bedrock Zone	WMA	DG
405	765284.0	916916.7	NA	NA	86.5	728.5	NA	NA	10	10 5	S, 8 slot S, 10 slot	Alluvial Zone Till	WMA	DG
412	767010.9	918152.3	890.34	NA	26	845.1	NA	NA	6	10	S, 60 slot	Alluvial Zone	NBT/P001	DG
413	767086.5	918127.5	889.28	NA	28.5	843.6	NA	NA	6	10	S, 60 slot	Till/Bedrock Zone	NBT/P001	DG
414	766889.8	918195.1	893.23	NA	50	841.3	NA	NA	6	20	S, 20 slot	Alluvial & Till/Bedrock Zones	NBT/P001	DG
415	766989.0	918841.0	914.38	912.0	25	887.5	35.40	878.98	6	5	SS, 35 slot	Till/Bedrock Zone	TFA	DG
521	766813.4	917531.5	863.78	861.6	36	825.6	41.13	822.65	2	5	PVC, 10 slot	Till/Bedrock	NBT/P001	DG
522	766922.5	917616.3	864.46	862.3	28	834.3	34.08	830.38	2	5	PVC, 10 slot	Till/Bedrock	NBT/P001	DG
524	766671.0	917748.5	866.28	864.1	31	833.1	36.17	830.11	2	5	PVC, 10 slot	Till/Bedrock	NBT/P001	DG
529	766807.5	917532.6	863.93	861.8	NE	NE	14.90	849.03	2	6.5	PVC, 10 slot	All. Silt, Sand, Gravel	NBT/P001	DG
532	766678.4	917750.1	866.34	864.0	NE	NE	16.58	849.76	2	8	PVC, 10 slot	All. Silt, Sand, Gravel	NBT/P001	DG
534	766876.5	917684.3	862.88	863.4	NE	NE	13.34	849.54	2	10	PVC, 10 slot	All. Silt, Sand, Gravel	NBT/P001	DG
540	763910.4	916233.3	810.55	808.2	>52	<756.2	51.06	759.49	2	10	PVC, 10 slot	Outwash Sand	SBA	DG
541	753614.5	916380.7	812.11	809.6	>56	<753.6	55.07	757.04	2	10	PVC, 10 slot	Outwash S & G	SBA	DG
542	763435.0	916624.5	806.40	804.0	>80	<724.0	44.65	761.75	2	10	PVC, 10 slot	Outwash S & G	SBA	DG
543	763621.1	916951.9	823.64	820.6	>56	<764.6	54.30	769.34	2	10	PVC, 10 slot	Outwash S & G	SBA	DG
601	766597.3	917599.5	862.08	860.0	NE	NE	15.56	846.52	2	10	PVC, 10 slot	Alluvial S&G/Silt	NBT/P001	DG
602	766485.9	917557.5	862.15	860.1	NE	NE	19.54	842.61	2	12	PVC, 10 slot	Alluvial Silt & Sand	NBT/P001	DG
603	766585.3	917334.9	864.18	861.9	NE	NE	17.95	846.23	2	10	PVC, 10 slot	Alluvial S&G	NBT/P001	DG
604	767135.5	917876.0	885.48	~883.0	NE	NE	21.88	863.60	2	10	PVC, 10 slot	Alluvial Silt & Sand	NBT/P001	DG
605	767139.6	917874.6	885.23	~883.0	45.5	842.0	45.73	839.50	2	5	PVC, 10 slot	Till/Bedrock	NBT/P001	DG
606	766911.5	917826.6	900.10	900.7	NE	NE	47.40	852.70	2	5	PVC, 10 slot	Alluvial S&G and Silt	NBT/P001	DG
607	766901.8	917830.3	900.64	900.9	58	842.9	60.24	840.40	2	5	PVC, 10 slot	Till/Bedrock	NBT/P001	DG
608	766614.6	917449.8	861.51	859.1	NE	NE	16.77	844.74	2	10	PVC, 10 slot	All. Silt, Sand, Gravel	NBT/P001	DG
609	767176.0	918342.1	895.16	895.5	49.5	846.0	51.66	843.50	2	5	PVC, 10 slot	Till/Bedrock	NBT/P001	DG
610	766978.1	918572.3	909.10	909.7	30.5	879.2	32.40	876.70	2	5	PVC, 10 slot	Till/Bedrock	NBT/P001	DG
611	766982.3	918579.3	909.11	909.7	NE	NE	13.41	895.70	2	10	PVC, 10 slot	Fill/All. Sand & Silt	NBT/P001	DG
612	766991.4	918321.7	903.93	904.5	56.1	848.4	56.64	847.29	2	5	PVC, 10 slot	Till/Bedrock	NBT/P001	DG
613	766986.7	918314.2	903.94	904.5	NE	NE	41.63	862.31	2	10	PVC, 10 slot	All. Sand, Silt, Gravel	NBT/P001	DG
614	764906.7	916538.0	811.80	809.2	101	708.2	105.42	706.38	2	5	PVC, 10 slot	Till/Bedrock	WBA	DG
615	766479.4	917558.0	862.69	860.5	33	827.5	46.07	816.62	2	5	PVC, 10 slot	Bedrock	NBT/P001	DG
616	767296.7	918241.6	888.18	885.2	26.5	858.7	31.56	856.62	2	5	PVC, 10 slot	Till/Bedrock	NBT/P001	DG
617	767312.2	918427.0	895.77	896.1	35	861.1	37.34	858.43	2	5	PVC, 10 slot	Till/Bedrock	NBT/P001	DG
618	767604.5	918632.7	909.29	906.2	24	879.4	28.86	880.43	2	5	PVC, 10 slot	Till/Bedrock	TFA	UG
619	765999.4	919160.0	896.45	896.8	13.5	883.3	15.07	881.38	2	5	PVC, 10 slot	Till/Bedrock	TVD/MLA	DG
620	765775.4	919122.9	887.16	884.2	NE	NE	17.56	869.60	2	10	PVC, 10 slot	All. Sand, Silt, Gravel	TVD/MLA	DG
621	765343.7	918569.7	841.97	840.0	NE	NE	37.41	804.56	2	10	PVC, 10 slot	Outwash Silt&Gravel	TVD/MLA	DG

Table B-1: Well Specifications
Corrective Action Monitoring Program

Well	Northing (grid feet)	Easting (grid feet)	Current M.P. Elevation (ft amsl)	Current Ground Surface Elevation (ft amsl)	Depth to Bedrock (ft bgs)	Bedrock Elevation (ft amsl)	Baseline Depth to Bottom from M.P. (ft)	Baseline Elevation of Bottom (ft amsl)	Well Diameter (in)	Screen Length (ft)	Well Construction Material	Geologic Unit Monitored	Site Area	Up, Down, or Side Gradient
622	765344.6	918560.8	842.11	840.0	42	798.0	46.53	795.58	2	5	PVC, 10 slot	Till/Bedrock	TVD/MLA	DG
623	765292.6	918000.3	852.67	850.7	NE	NE	54.59	798.08	2	10	PVC, 10 slot	Outwash Sand&Gravel	TVD/MLA	DG
624	765299.7	918006.4	853.46	851.5	60.5	791.0	64.39	789.07	2	5	PVC, 10 slot	Till/Bedrock	TVD/MLA	DG
625	764081.1	916908.4	808.77	806.8	NE	NE	44.58	764.19	2	10	PVC, 10 slot	Outwash Sand	SBA	DG
626	764076.2	916901.0	808.60	804.5	86.5	718.0	92.41	716.19	2	5	PVC, 10 slot	Till/Bedrock	SBA	DG
627	764545.6	916922.9	812.96	811.2	NE	NE	50.91	762.05	2	10	PVC, 10 slot	Outwash Sand	SBA	DG
628	764537.3	916914.3	812.43	810.9	95.5	715.4	100.50	711.93	2	5	PVC, 10 slot	Till/Bedrock	SBA	DG
629	765410.2	916642.9	818.39	816.2	NE	NE	51.45	766.94	2	10	PVC, 10 slot	Silt, f. Sand, Gravel	WBA	SG
630	765399.8	916638.6	817.63	815.5	88	727.5	93.55	724.08	2	5	PVC, 10 slot	Till/Bedrock	WBA	SG
631	766060.3	916906.3	829.38	828.0	NE	NE	31.53	797.85	2	5	PVC, 10 slot	Outwash Sand&Gravel	WBA	UG
632	765667.6	917925.0	853.24	850.8	34	816.8	39.34	813.90	2	5	PVC, 10 slot	Till/Bedrock	WMA	DG
P01	765207.2	917610.9	810.62	808.7	NE	NE	11.23	799.39	2	5	PVC	S & G	WMA	DG
P02	765162.9	917434.9	809.61	807.8	NE	NE	10.49	799.12	2	5	PVC	S & G	WMA	DG
P04	766897.6	919096.5	914.73	913.6	19.5	894.1	20.31	894.42	2	5	PVC	Till	TFA	DG
P07	766152.6	919063.9	894.47	895.4	6.5	888.8	5.55	888.92	2	NL	S	Till*	TVD/MLA	DG
P08	766137.6	919137.3	894.70	895.3	9.5	886.3	8.73	885.97	2	NL	S	Till*	TVD/MLA	DG
P11	765943.1	919227.8	895.21	895.5	15.5	879.5	14.84	880.37	2	NL	S	Till*	TVD/MLA	DG

Key:

DG: Downgradient from source area
ft amsl: Feet above mean sea level
ft bgs: Feet below ground surface
Glaciolac.: Glaciolacustrine
NBT/P001: Northwest Bedrock Trough/ Parking Lot 001 Area
M.P.: Measurement point
NA: Not available
NE: Not encountered
NL: No log available
NR: Not recorded
OH: Open hole completion
S: Steel
SBA: Southern Boundary Area
SG: Side gradient to source area
TFA: Tank Farm Area
TVD/MLA: Tower View Drive/Mirror Lake Area
UG: Upgradient from source area
WBA: Western Boundary Area
WMA: Waste Management Area
* Uncertain
\+ Casing has been significantly extended since well installation and emplacement of fill

Table B-2a: Hydraulic Effectiveness Monitoring Wells for Groundwater Elevation Measurements

Well	M.P. Elev. (ft amsl)	Planar Coordinates		Site Area	List "A"	List "B"
		Northing	Easting			
101	814.01	764601.1	916596.6	SBA	X	
106	914.91	767106.1	919136.5	TFA		X
107A	961.80	767000.3	919557.6	TFA		X
110	946.88	766674.6	919542.5	TFA		X
113	914.83	767051.4	918957.9	TFA		X
114	916.13	766976.5	918889.9	TFA		X
120	846.20	765939.9	917443.6	WMA	X	
123	903.96	765871.9	919093.3	TFA		X
124	911.43	767366.9	918823.9	TFA		X
125	905.36	767096.6	918627.9	TFA		X
126	908.95	767128.9	918825.2	TFA		X
127	909.65	767204.2	918901.6	TFA		X
128	914.23	766984.2	918840.7	TFA		X
129	912.10	766776.9	919163.6	TFA		X
132	915.31	766141.1	919376.3	TFA		X
133	897.22	767281.5	918665.9	TVD/ML	X	
134	916.46	766044.5	919507.4	TFA		X
140R	889.14	767086.4	918134.6	NBT/P001		X
143	884.81	767292.3	917826.1	NBT/P001		X
146	868.04	766637.9	917813.3	NBT/P001		X
147	871.57	766361.6	917695.9	WMA	X	
148	857.87	766085.9	917652.8	WMA	X	
149	834.27	765773.6	917229.3	WMA	X	
154	861.70	766603.6	917601.3	NBT/P001		X
157	854.13	766538.0	917158.9	NBT/P001		X
158	838.28	766293.2	916902.0	WBA	X	
160	824.31	765642.6	916618.6	WBA	X	
161	824.96	765648.6	916615.3	WBA	X	
162	825.50	765798.6	916741.9	WBA	X	
163	825.40	765802.6	916749.6	WBA	X	
165	817.50	765493.3	916873.7	WBA	X	
166	813.71	765164.2	916597.5	WBA	X	
167	813.26	765175.2	916605.7	WBA	X	
178	812.22	765209.7	917421.0	WMA	X	
179	818.32	765297.4	916931.4	WMA	X	
181	894.65	766327.2	917857.1	WMA	X	
183	851.83	765912.9	917704.1	WMA	X	
185	815.54	765206.1	916776.3	WBA	X	
186	820.32	764857.7	917114.0	SBA	X	
194	862.70	766096.0	917750.2	WMA	X	
306	821.04	764912.6	918514.9	TVD/ML	X	
308	876.26	765690.7	919205.9	TVD/ML	X	
309	874.69	765632.1	918611.4	TVD/ML	X	
313	849.79	765577.1	918146.7	TVD/ML	X	
314	813.82	764592.4	916575.0	SBA	X	
316	813.46	765161.3	916608.8	WBA	X	
317	823.00	765642.2	916612.3	WBA	X	
318	814.19	764251.6	916904.6	SBA	X	
319	806.89	764348.5	916622.4	SBA	X	
321	853.72	765315.2	918902.2	TVD/ML	X	
322	806.20	764159.2	916744.3	SBA	X	
323	813.67	764450.0	916768.0	SBA	X	
324	892.67	766906.2	918216.7	NBT/P001		X
325	892.15	766916.7	918213.5	NBT/P001		X
351	805.62	764164.5	916737.6	SBA	X	
352	806.48	764346.6	916619.9	SBA	X	
353	912.87	766807.8	918783.5	TFA		X
354	912.85	766823.0	918775.7	TFA		X
355	813.42	764015.2	917050.3	SBA	X	
356	813.31	764020.7	917054.5	SBA	X	
357	863.91	766720.9	917775.4	NBT/P001		X
358	864.08	766711.3	917781.0	NBT/P001		X
361	868.42	766501.5	917786.6	NBT/P001		X
362	832.69	765146.5	918765.3	TVD/ML	X	
363	855.07	765135.4	919180.1	TVD/ML	X	
364	897.72	767066.3	917771.0	NBT/P001		X
365	898.02	767072.2	917770.3	NBT/P001		X
366	912.48	766711.7	918208.6	NBT/P001		X
367	910.15	766712.8	918032.6	NBT/P001		X
368	910.25	766710.2	918027.1	NBT/P001		X
372	904.96	765064.9	919791.2	TVD/ML	X	
373	832.19	765151.7	918758.2	TVD/ML	X	
374	821.25	764914.9	918527.1	TVD/ML	X	
375	833.00	764705.6	919469.4	TVD/ML	X	

Table B-2a: Hydraulic Effectiveness Monitoring Wells for Groundwater Elevation Measurements

Well	M.P. Elev. (ft amsl)	Planar Coordinates		Site Area	List "A"	List "B"
		Northing	Easting			
378	900.05	766993.8	917794.6	NBT/P001		X
379	899.67	767000.4	917792.4	NBT/P001		X
382	912.59	766704.2	918193.3	NBT/P001		X
383	867.39	766625.0	917810.0	NBT/P001		X
386	822.26	765601.5	917106.5	WMA	X	
387	817.59	765481.8	916866.0	WBA	X	
391	833.75	764709.2	919481.7	TVD/ML	X	
392	896.07	766805.5	917961.4	NBT/P001		X
393	892.69	766967.9	917932.7	NBT/P001		X
394	892.51	766972.3	917934.2	NBT/P001		X
395	890.07	767015.6	918162.0	NBT/P001		X
397	865.79	766554.2	917409.1	NBT/P001		X
398	865.37	766561.0	917406.4	NBT/P001		X
399	867.38	766826.6	917750.8	NBT/P001		X
412	890.34	767010.9	918152.3	NBT/P001		X
413	889.28	767086.5	918127.5	NBT/P001		X
414	893.23	766889.8	918195.1	NBT/P001		X
415	914.38	766989.0	918841.0	TFA		X
521	863.78	766813.4	917531.5	MT		X
522	864.46	766922.5	917616.3	MT		X
524	866.28	766671.0	917748.5	MT		X
529	863.93	766807.5	917532.6	MT		X
532	866.34	766678.4	917750.1	MT		X
534	862.88	766876.5	917684.3	MT		X
540	810.55	763910.4	916233.3	SBA	X	
541	812.11	753614.5	916380.7	SBA	X	
542	806.40	763435.0	916624.5	SBA	X	
543	823.64	763621.1	916951.9	SBA	X	
601	862.08	766597.3	917599.5	NBT/P001		X
602	862.15	766485.9	917557.5	NBT/P001		X
603	864.18	766585.3	917334.9	NBT/P001		X
604	885.48	767135.5	917876.0	NBT/P001		X
605	885.23	767139.6	917874.6	NBT/P001		X
606	900.10	766911.5	917826.6	NBT/P001		X
607	900.64	766901.8	917830.3	NBT/P001		X
608	861.51	766614.6	917449.8	NBT/P001		X
609	895.16	767176.0	918342.1	NBT/P001		X
610	909.10	766978.1	918572.3	NBT/P001		X
611	909.11	766982.3	918579.3	NBT/P001		X
612	903.93	766991.4	918321.7	NBT/P001		X
613	903.94	766986.7	918314.2	NBT/P001		X
614	811.80	764906.7	916538.0	WBA	X	
615	862.69	766479.4	917558.0	NBT/P001		X
616	888.18	767296.7	918241.6	NBT/P001		X
617	895.77	767312.2	918427.0	NBT/P001		X
618	909.29	767604.5	918632.7	TFA		X
619	896.45	765999.4	919160.0	TVD/ML	X	
620	887.16	765775.4	919122.9	TVD/ML	X	
621	841.97	765343.7	918569.7	TVD/ML	X	
622	842.11	765344.6	918560.8	TVD/ML	X	
623	852.67	765292.6	918000.3	TVD/ML	X	
624	853.46	765299.7	918006.4	TVD/ML	X	
625	808.77	764081.1	916908.4	SBA	X	
626	808.60	764076.2	916901.0	SBA	X	
627	812.96	764545.6	916922.9	SBA	X	
628	812.43	764537.3	916914.3	SBA	X	
629	818.39	765410.2	916642.9	WBA	X	
630	817.63	765399.8	916638.6	WBA	X	
631	829.38	766060.3	916906.3	WBA	X	
632	853.24	765667.6	917925.0	WMA	X	
P01	810.62	765207.2	917610.9	WMA	X	
P02	809.61	765162.9	917434.9	WMA	X	
P04	914.73	766897.6	919096.5	TFA		X
P07	894.47	766152.6	919063.9	TVD/ML	X	
P08	894.70	766137.6	919137.3	TVD/ML	X	
P11	895.21	765943.1	919227.8	TVD/ML	X	

Planar coordinates are relative to the New York State grid and are expressed in feet.

Lists "A" and "B" are to be alternated as follows:
In Year 1, List "A" wells shall be measured in the first and third quarters; List "B" wells in the second and fourth quarters. In Year 2, List "A" wells shall be measured in the second and fourth quarters; List "B" wells in the first and third quarters. Years 3, 5, 7, etc. shall be the same as Year 1 and Years 4, 6, 8, etc. shall be the same as Year 2.

Table B-2b: Contaminant Reduction Monitoring Wells for Groundwater Sampling

Well	Site Area	Site Region	Sampling Frequency	List "A"	List "B"
107A*	TFA	North	Q	X	X
110	TFA	North	S		X
124	TFA	North	S		X
125	TFA	North	S		X
127	TFA	North	S		X
128	TFA	North	A		X
129	TFA	North	S		X
132	TFA	North	A		X
134	TFA	North	S		X
353	TFA	North	A		X
354	TFA	North	A		X
618	TFA	North	S		X
P04	TFA	North	A		X
521	MT	North	S		X
522	MT	North	Q	X	X
524	MT	North	S		X
529	MT	North	Q	X	X
532	MT	North	Q	X	X
534	MT	North	Q	X	X
140R	NBT/P001	North	A		X
146	NBT/P001	North	S		X
157	NBT/P001	North	S		X
324	NBT/P001	North	S		X
325	NBT/P001	North	S		X
357	NBT/P001	North	S		X
358	NBT/P001	North	A		X
378	NBT/P001	North	S		X
383	NBT/P001	North	S		X
392	NBT/P001	North	S		X
393	NBT/P001	North	Q	X	X
394	NBT/P001	North	S		X
397	NBT/P001	North	A		X
398	NBT/P001	North	S		X
399	NBT/P001	North	Q	X	X
603	NBT/P001	North	S		X
604	NBT/P001	North	S		X
605	NBT/P001	North	A		X
606	NBT/P001	North	Q	X	X
607	NBT/P001	North	Q	X	X
608	NBT/P001	North	S		X
609	NBT/P001	North	A		X
610	NBT/P001	North	S		X
611	NBT/P001	North	S		X
612	NBT/P001	North	S		X
613	NBT/P001	North	S		X
615	NBT/P001	North	A		X
616	NBT/P001	North	S		X
617	NBT/P001	North	S		X
101	SBA	South	S	X	
186	SBA	South	S	X	
314	SBA	South	A	X	
318	SBA	South	Q	X	X
319	SBA	South	Q	X	X
322	SBA	South	Q	X	X
323	SBA	South	Q	X	X
351	SBA	South	S	X	
352	SBA	South	A	X	
355	SBA	South	A	X	
356	SBA	South	A	X	
625	SBA	South	Q	X	X
626	SBA	South	S	X	
627	SBA	South	S	X	
540	SBA	South	S	X	
541	SBA	South	S	X	

Table B-2b: Contaminant Reduction Monitoring Wells for Groundwater Sampling

Well	Site Area	Site Region	Sampling Frequency	List "A"	List "B"
542	SBA	South	S	X	
543	SBA	South	S	X	
133	TVD/MLA	South	S	X	
306	TVD/MLA	South	A	X	
308	TVD/MLA	South	S	X	
309	TVD/MLA	South	S	X	
313	TVD/MLA	South	A	X	
321	TVD/MLA	South	S	X	
362	TVD/MLA	South	A	X	
363	TVD/MLA	South	A	X	
373	TVD/MLA	South	S	X	
374	TVD/MLA	South	S	X	
619	TVD/MLA	South	A	X	
620	TVD/MLA	South	S	X	
621	TVD/MLA	South	S	X	
622	TVD/MLA	South	S	X	
P08	TVD/MLA	South	A	X	
P11	TVD/MLA	South	A	X	
158	WBA	South	A	X	
160	WBA	South	S	X	
162	WBA	South	S	X	
163	WBA	South	A	X	
165	WBA	South	S	X	
166	WBA	South	S	X	
167	WBA	South	S	X	
185	WBA	South	S	X	
316	WBA	South	S	X	
317	WBA	South	S	X	
614	WBA	South	A	X	
631	WBA	South	S	X	
120	WMA	South	S	X	
148	WMA	South	S	X	
149	WMA	South	S	X	
178	WMA	South	S	X	
179	WMA	South	S	X	
181	WMA	South	A	X	
183	WMA	South	S	X	
194	WMA	South	S	X	
403	WMA	South	S	X	
632	WMA	South	S	X	

Key:

MT = Moore Tire Area (off-site)
NBT/P001 = NW Bedrock Trough/P001 Area
SBA = Southern Boundary Area
TFA = Tank Farm Area
TVD/MLA = Tower View Drive/Mirror Lake Area
WBA = Western Boundary Area
WMA = Waste Management Area
A = Annual
S = Semiannual
Q = Quarterly
* Site-wide upgradient well to be sampled quarterly.

X = Analyze all samples for volatile organic compounds by SW846 Method 8021 or Method

Lists "A" and "B" are to be alternated as follows:
In Year 1, List "A" wells shall be sampled in the first and third quarters; List "B" wells in the second and fourth quarters. In Year 2, List "A" wells shall be sampled in the second and fourth quarters; List "B" wells in the first and third quarters. Years 3, 5, 7, etc. shall be the same as Year 1 and Years 4, 6, 8, etc. shall be the same as Year 2.
All listed monitoring wells are hydraulic effectiveness monitoring wells. Refer to Table 2a for a complete list and schedule of groundwater elevation measurements.

APPENDIX C

GROUNDWATER ELEVATION DATA
January 1, 2010 - December 31, 2010

2010 WELL INSPECTION SUMMARY WITH DEDICATED EQUIPMENT ASSIGNMENTS

Former Owego, New York Facility
Groundwater Elevation Data

Southern Areas (WMA, WBA, SBA TVD/MLA)

Well Number	*TOC Elevation*	*04/02/2010* DTW	*04/02/2010* GWE
101	*814.01*	13.47	800.54
120	*846.20*	19.91	826.29
133	*897.22*	25.10	872.12
147	*871.57*	14.75	856.82
148	*857.87*	18.32	839.55
149	*834.27*	17.49	816.78
158	*838.28*	8.63	829.65
160	*824.31*	10.00	814.31
161	*824.96*	10.51	814.45
162	*825.50*	7.70	817.80
163	*825.40*	8.54	816.86
165	*817.50*	5.99	811.51
166	*813.71*	20.51	793.20
167	*813.26*	7.01	806.25
178	*812.22*	5.83	806.39
179	*818.32*	31.62	786.70
181	*894.65*	25.63	869.02
183	*851.83*	21.79	830.04
185	*815.54*	25.30	790.24
186	*820.32*	35.01	785.31
194	*862.70*	26.82	835.88
306	*821.04*	3.77	817.27
308	*876.26*	12.16	864.10
309	*874.69*	27.07	847.62
313	*849.79*	31.57	818.22
314	*813.82*	14.28	799.54
316	*813.46*	20.06	793.40
317	*823.00*	8.59	814.41
318	*814.19*	13.68	800.51
319	*806.89*	6.36	800.53
321	*853.72*	22.90	830.82
322	*806.20*	5.71	800.49
323	*813.67*	13.20	800.47
351	*805.62*	5.86	799.76
352	*806.48*	NA	NA
355	*813.42*	13.23	800.19
356	*813.31*	12.72	800.59
362	*832.69*	12.95	819.74
363	*855.07*	31.04	824.03
372	*904.96*	41.63	863.33
373	*832.19*	11.66	820.53
374	*821.25*	4.46	816.79
375	*833.00*	9.63	823.37
386	*822.26*	8.09	814.17
387	*817.59*	5.28	812.31
391	*833.75*	10.62	823.13
540	*810.55*	10.44	800.11
541	*812.11*	12.07	800.04
542	*806.40*	6.23	800.17
543	*823.64*	23.15	800.49
614	*811.80*	16.46	795.34
619	*896.45*	9.90	886.55
620	*887.16*	15.21	871.95
621	*841.97*	19.51	822.46
622	*842.11*	18.85	823.26
623	*852.67*	39.86	812.81
624	*853.46*	40.50	812.96
625	*808.77*	8.28	800.49
626	*808.60*	9.29	799.31
627	*812.96*	13.03	799.93
628	*812.43*	16.92	795.51
629	*818.39*	24.92	793.47
630	*817.63*	24.40	793.23
631	*829.38*	5.03	824.35
632	*853.24*	32.71	820.53
P01	*810.62*	2.25	808.37
P02	*809.61*	3.34	806.27
P07	*894.47*	1.90	892.57
P08	*894.70*	4.80	889.90
P11	*895.21*	7.65	887.56

DRY = Water level less than bottom elevation
TOC = Top of casing or measuring point
DTW = Depth to water from top of casing (ft)
GWE = Groundwater elevation (ft amsl)

Northern Areas (NBT/P001, TFA)

Well Number	*TOC Elevation*	*01/19/2010* DTW	*01/19/2010* GWE
106	*914.91*	3.17	911.74
107A	*961.80*	21.95	939.85
110	*946.88*	3.42	943.46
113	*914.83*	7.35	907.48
114	*916.13*	Dry	<899.48
123	*903.96*	6.70	897.26
124	*911.43*	9.04	902.39
125	*905.36*	9.18	896.18
126	*908.95*	11.62	897.33
127	*909.65*	6.94	902.71
128	*914.23*	19.76	894.47
129	*912.10*	3.42	908.68
132	*915.31*	14.07	901.24
134	*916.46*	20.43	896.03
140R	*889.14*	27.20	861.94
143	*884.81*	9.07	875.74
146	*868.04*	5.17	862.87
154	*861.70*	2.15	859.55
157	*854.13*	6.90	847.23
324	*892.67*	32.34	860.33
325	*892.15*	29.60	862.55
353	*912.87*	15.70	897.17
354	*912.85*	14.31	898.54
357	*863.91*	2.22	861.69
358	*864.08*	2.35	861.73
361	*868.42*	6.66	861.76
364	*897.72*	33.84	863.88
365	*898.02*	34.70	863.32
366	*912.48*	41.06	871.42
367	*910.15*	46.64	863.51
368	*910.25*	46.00	864.25
378	*900.05*	37.07	862.98
379	*899.67*	36.82	862.85
382	*912.59*	13.85	898.74
383	*867.39*	4.14	863.25
392	*896.07*	32.66	863.41
393	*892.69*	29.59	863.10
394	*892.51*	29.40	863.11
395	*890.07*	27.32	862.75
397	*865.79*	9.60	856.19
398	*865.37*	9.60	855.77
399	*867.38*	4.90	862.48
412	*890.34*	27.78	862.56
413	*889.28*	28.47	860.81
414	*893.23*	42.72	850.51
415	*914.38*	19.90	894.48
521	*863.78*	1.90	861.88
522	*864.46*	1.90	862.56
524	*866.28*	4.73	861.55
529	*863.93*	3.36	860.57
532	*866.34*	5.00	861.34
534	*862.88*	1.07	861.81
601	*862.08*	2.43	859.65
602	*862.15*	6.63	855.52
603	*864.18*	9.11	855.07
604	*885.48*	13.83	871.65
605	*885.23*	17.58	867.65
606	*900.10*	37.34	862.76
607	*900.64*	37.76	862.88
608	*861.51*	3.50	858.01
609	*895.16*	25.06	870.10
610	*909.10*	17.30	891.80
611	*909.11*	12.08	897.03
612	*903.93*	32.20	871.73
613	*903.94*	30.59	873.35
615	*862.69*	4.12	858.57
616	*888.18*	6.88	881.30
617	*895.77*	6.72	889.05
618	*909.29*	5.87	903.42
P04	*914.73*	5.65	909.08
540	*810.55*	15.93	794.62
541	*812.11*	17.82	794.29
542	*806.40*	11.86	794.54
543	*823.64*	28.20	795.44

Former Owego, New York Facility
Groundwater Elevation Data

Southern Areas (WMA, WBA, SBA TVD/MLA)

Well Number	*TOC Elevation*	*10/18/2010* DTW	*10/18/2010* GWE
101	*814.01*	16.70	797.31
120	*846.20*	21.60	824.60
133	*897.22*	26.58	870.64
147	*871.57*	16.75	854.82
148	*857.87*	19.22	838.65
149	*834.27*	20.04	814.23
158	*838.28*	10.10	828.18
160	*824.31*	12.81	811.50
161	*824.96*	13.31	811.65
162	*825.50*	9.40	816.10
163	*825.40*	10.25	815.15
165	*817.50*	11.46	806.04
166	*813.71*	26.81	786.90
167	*813.26*	8.02	805.24
178	*812.22*	8.44	803.78
179	*818.32*	40.68	777.64
181	*894.65*	29.03	865.62
183	*851.83*	24.42	827.41
185	*815.54*	32.58	782.96
186	*820.32*	44.44	775.88
194	*862.70*	28.11	834.59
306	*821.04*	5.17	815.87
308	*876.26*	13.34	862.92
309	*874.69*	27.46	847.23
313	*849.79*	31.73	818.06
314	*813.82*	18.60	795.22
316	*813.46*	26.30	787.16
317	*823.00*	11.40	811.60
318	*814.19*	17.05	797.14
319	*806.89*	9.63	797.26
321	*853.72*	24.67	829.05
322	*806.20*	9.08	797.12
323	*813.67*	16.52	797.15
351	*805.62*	9.99	795.63
352	*806.48*	10.90	795.58
355	*813.42*	16.95	796.47
356	*813.31*	16.12	797.19
362	*832.69*	14.47	818.22
363	*855.07*	33.24	821.83
372	*904.96*	43.33	861.63
373	*832.19*	13.04	819.15
374	*821.25*	5.78	815.47
375	*833.00*	13.00	820.00
386	*822.26*	11.23	811.03
387	*817.59*	10.90	806.69
391	*833.75*	13.80	819.95
540	*810.55*	14.14	796.41
541	*812.11*	15.86	796.25
542	*806.40*	10.02	796.38
543	*823.64*	26.80	796.84
614	*811.80*	19.14	792.66
619	*896.45*	10.07	886.38
620	*887.16*	DRY	<869.60
621	*841.97*	19.90	822.07
622	*842.11*	19.31	822.80
623	*852.67*	40.88	811.79
624	*853.46*	41.53	811.93
625	*808.77*	11.65	797.12
626	*808.60*	13.58	795.02
627	*812.96*	16.76	796.20
628	*812.43*	22.55	789.88
629	*818.39*	30.71	787.68
630	*817.63*	30.24	787.39
631	*829.38*	6.63	822.75
632	*853.24*	32.85	820.39
P01	*810.62*	2.65	807.97
P02	*809.61*	5.93	803.68
P07	*894.47*	2.40	892.07
P08	*894.70*	5.09	889.61
P11	*895.21*	10.20	885.01

DRY = Water level less than bottom elevation
TOC = Top of casing or measuring point
DTW = Depth to water from top of casing (ft)
GWE = Groundwater elevation (ft amsl)

Northern Areas (NBT/P001, TFA)

Well Number	*TOC Elevation*	*07/12/2010* DTW	*07/12/2010* GWE
106	*914.91*	7.88	907.03
107A	*961.80*	20.09	941.71
110	*946.88*	10.48	936.40
113	*914.83*	8.90	905.93
114	*916.13*	Dry	<899.48
123	*903.96*	7.63	896.33
124	*911.43*	12.45	898.98
125	*905.36*	10.55	894.81
126	*908.95*	11.62	897.33
127	*909.65*	8.84	900.81
128	*914.23*	19.74	894.49
129	*912.10*	3.65	908.45
132	*915.31*	17.48	897.83
134	*916.46*	21.10	895.36
140R	*889.14*	26.34	862.80
143	*884.81*	8.78	876.03
146	*868.04*	6.99	861.05
154	*861.70*	3.36	858.34
157	*854.13*	10.19	843.94
324	*892.67*	31.48	861.19
325	*892.15*	28.65	863.50
353	*912.87*	14.57	898.30
354	*912.85*	13.33	899.52
357	*863.91*	2.66	861.25
358	*864.08*	2.73	861.35
361	*868.42*	8.15	860.27
364	*897.72*	33.98	863.74
365	*898.02*	34.60	863.42
366	*912.48*	40.27	872.21
367	*910.15*	46.40	863.75
368	*910.25*	45.85	864.40
378	*900.05*	36.98	863.07
379	*899.67*	36.64	863.03
382	*912.59*	12.77	899.82
383	*867.39*	6.55	860.84
392	*896.07*	32.95	863.12
393	*892.69*	29.70	862.99
394	*892.51*	29.11	863.40
395	*890.07*	26.70	863.37
397	*865.79*	11.04	854.75
398	*865.37*	10.76	854.61
399	*867.38*	5.37	862.01
412	*890.34*	27.03	863.31
413	*889.28*	27.54	861.74
414	*893.23*	41.20	852.03
415	*914.38*	19.94	894.44
521	*863.78*	2.33	861.45
522	*864.46*	1.79	862.67
524	*866.28*	5.24	861.04
529	*863.93*	3.44	860.49
532	*866.34*	5.73	860.61
534	*862.88*	0.85	862.03
601	*862.08*	3.64	858.44
602	*862.15*	6.70	855.45
603	*864.18*	10.20	853.98
604	*885.48*	15.32	870.16
605	*885.23*	17.75	867.48
606	*900.10*	37.30	862.80
607	*900.64*	37.66	862.98
608	*861.51*	4.85	856.66
609	*895.16*	24.01	871.15
610	*909.10*	16.91	892.19
611	*909.11*	11.48	897.63
612	*903.93*	31.46	872.47
613	*903.94*	29.85	874.09
615	*862.69*	8.04	854.65
616	*888.18*	6.88	881.30
617	*895.77*	6.57	889.20
618	*909.29*	9.85	899.44
P04	*914.73*	6.68	908.05
540	*810.55*	17.65	792.90
541	*812.11*	19.80	792.31
542	*806.40*	13.70	792.70
543	*823.64*	29.35	794.29

Well Inspection Summary (April 2010) with Dedicated Equipment Assignments

Well ID	Reference DTB	2010 Measured DTB	Depth Differential	Well Tag Condition?	Ref. Pt. Visible?	Paint Condition?	Sanitary Seal Condition?	Dedicated Equipment before 7/1/10	Dedicated Equipment after 6/30/10
101	40.95	40.96	-0.01	Good	Yes	Good	Good	Ded. 2" SP	PDB@37.9'
106	13.12	13.15	-0.03	Good	Yes	Good	Good	Bailer-3'	PDB@10.9'
107A	64.96	64.57	0.39	Good	Yes	Good	Good	Ded. 2" SP	PDB@~60'
110	20.11	21.09	-0.98	Good	Yes	Manhole	Good	PP/Bailer-3'	PDB@15.9'
113	12.72	12.60	0.12	Good	Yes	Good	Good	None	None
114	14.7	13.52	1.18	Good	Yes	Good	Good	None	None
120	39.58	39.35	0.23	Good	Yes	Good	Good	Ded. 2" SP	PDB@24.0'
123	21.89	21.83	0.06	Good	Yes	Manhole	Good	None	None
124	25.14	25.22	-0.08	Good	Yes	Good	Good	Ded. 2" SP	PDB@23.9'
125	24.86	24.11	0.75	Good	Yes	Manhole	Good	Ded. 2" SP	PDB@23.6'
126	23.9	23.90	0.00	Good	Yes	Manhole	Good	None	None
127	19.54	19.02	0.52	Good	Yes	Manhole	Good	Ded. 2" SP	PDB@18.8'
128	24.86	24.70	0.16	Good	Yes	Good	Good	Bailer-3'	PDB@22.2'
129	8.35	7.41	0.94	Good	Yes	Manhole	Good	Bailer-3'	PDB@5.4'
132	21.2	21.16	0.04	Good	Yes	Good	Good	Bailer-3'	PDB@19.3'
133	31.5	31.46	0.04	Good	Yes	Good	Good	Bailer-3'	PDB@28.9'
134	42.89	42.70	0.19	Good	Yes	Good	Good	Ded. 2" SP	PDB@39.6'
140R	45.14	44.99	0.15	Good	Yes	Good	Godd	Bailer-5'	PDB@42.6'
143	29.05	28.90	0.15	Good	Yes	Manhole	Good	None	None
146	25.86	25.85	0.01	Good	Yes	Good	Good	Ded. 2" SP	PDB@24.4'
147	27.28	27.25	0.03	Good	Yes	Good	Good	None	None
148	34.91	34.86	0.05	Good	Yes	Good	Good	Ded. 2" SP	PDB@34.8'
149	33.57	33.02	0.55	Good	Yes	Good	Good	Ded. 2" SP	PDB@31.7'
154	25.56	25.39	0.17	Good	Yes	Good	Good	None	None
157	20.02	19.68	0.34	Good	Yes	Good	Good	Ded. 2" SP	PDB@15.5'
158	39.76	39.39	0.37	Good	Yes	Good	Good	Ded. 2" SP	PDB@35.1'
160	58.46	58.41	0.05	Good	Yes	Good	Good	Ded. 2" SP	PDB@57.2'
161	22.74	22.60	0.14	Good	Yes	Good	Good	None	None
162	50.43	50.38	0.05	Good	Yes	Good	Good	Ded. 2" SP	PDB@45.8'
163	25.49	25.27	0.22	Good	Yes	Good	Good	Ded. 2" SP	PDB@21.6'
165	44.21	43.83	0.38	Good	Yes	Good	Good	Ded. 2" SP	PDB@38.0'
166	90.56	90.53	0.03	Good	Yes	Good	Good	Ded. 2" SP	PDB@84.7'
167	25.52	25.23	0.29	Good	Yes	Good	Good	Ded. 2" SP	PDB@20.5'
178	36.38	36.34	0.04	Good	Yes	Good	Good	Ded. 2" SP	PDB@35.6'
179	71.51	71.34	0.17	Good	Yes	Good	Good	Ded. 2" SP	PDB@70.7'
181	40.6	40.58	0.02	Good	Yes	Good	Good	Bailer-4'	PDB@38.0'
183	30.5	30.49	0.01	Good	Yes	Good	Good	Bailer-4'	PDB@27.5'
185	94.2	94.09	0.11	Good	Yes	Good	Good	Ded. 2" SP	Ded. 2" SP
186	96.27	96.03	0.24	Good	Yes	Good	Good	Ded. 2" SP	Ded. 2" SP
194	113.37	112.40	0.97	Good	Yes	Good	Good	Ded. 2" SP	Ded. 2" SP
306	62.5	62.28	0.22	Good	Yes	Good	Good	Ded. 2" SP	Ded. 2" SP
308	29.99	29.95	0.04	Good	Yes	Good	Good	Ded. 2" SP	PDB@25.1'
309	32.17	32.05	0.12	Good	Yes	Good	Good	Bailer-4'	PDB@26.8'
313	39.5	39.83	-0.33	Good	Yes	Good	Good	Bailer-4'	PDB@36.0'
314	100.43	100.18	0.25	Good	Yes	Good	Good	Ded. 2" SP	PDB@98.2'
316	48.99	48.88	0.11	Good	Yes	Good	Good	Ded. 2" SP	PDB@44.5'
317	47.16	47.05	0.11	Good	Yes	Good	Good	Ded. 2" SP	PDB@42.4'
318	47.32	47.23	0.09	Good	Yes	Good	Good	Ded. 2" SP	PDB@43.3'
319	45.23	44.85	0.38	Good	Yes	Good	Good	Ded. 2" SP	PDB@40.6'
321	39.56	39.50	0.06	Good	Yes	Good	Good	Ded. 2" SP	PDB@35.6'
322	45.74	45.43	0.31	Good	Yes	Good	Good	Ded. 2" SP	PDB@41.5'
323	47.35	46.99	0.36	Good	Yes	Good	Good	Ded. 2" SP	PDB@42.1'
324	53.43	53.63	-0.20	Good	Yes	Good	Good	Bailer-5'	PDB@48.4'
325	42.61	42.54	0.07	Good	Yes	Good	Good	Bailer-5'	PDB@39.1'
351	90.4	90.23	0.17	Good	Yes	Good	Good	Ded. 2" SP	PDB@87.5'
352	87.41	PVC damage		Good	Yes	Good	Good	Ded. 2" SP	to be repaired
353	28.57	28.43	0.14	Good	Yes	Manhole	Good	Bailer-4'	PDB@26.1'
354	17.25	17.10	0.15	Good	Yes	Manhole	Good	Bailer-3'	Bailer-3'
355	97.9	97.86	0.04	Good	Yes	Good	Good	Ded. 2" SP	PDB@95.1'

Well Inspection Summary (April 2010) with Dedicated Equipment Assignments

Well ID	Reference DTB	2010 Measured DTB	Depth Differential	Well Tag Condition?	Ref. Pt. Visible?	Paint Condition?	Sanitary Seal Condition?	Dedicated Equipment before 7/1/10	Dedicated Equipment after 6/30/10
356	70.32	70.10	0.22	Good	Yes	Good	Good	Ded. 2" SP	PDB@67.5'
357	34.53	34.40	0.13	Good	Yes	Good	Good	Bailer-5'	PDB@32.1'
358	17.64	17.10	0.54	Good	Yes	Good	Good	Bailer-5'	PDB@14.3'
361	35.39	35.22	0.17	Good	Yes	Good	Good	Bailer-5'	PDB@33.1'
362	66.64	66.50	0.14	Good	Yes	Good	Good	Ded. 2" SP	PDB@63.9'
363	45.53	45.35	0.18	Good	Yes	Good	Good	Bailer-5'	PDB@43.6'
364	65.27	65.11	0.16	Good	Yes	Good	Good	Ded. 2" SP	PDB@62.7'
365	45.86	45.68	0.18	Good	Yes	Good	Good	Bailer-5'	PDB@43.3'
366	42.99	42.83	0.16	Good	Yes	Good	Good	Bailer-3'	Bailer-3'
367	72.55	72.33	0.22	Good	Yes	Good	Good	Bailer-5'	PDB@69.8'
368	49.42	48.71	0.71	Good	Yes	Good	Good	Bailer-3'	Bailer-3'
372	65.82	65.39	0.43	Good	Yes	Good	Good	None	None
373	45.7	45.64	0.06	Good	Yes	Good	Good	Bailer-5'	PDB@40.7'
374	20.54	20.84	-0.30	Good	Yes	Good	Good	Bailer-5'	PDB@15.7'
375	45.58	45.82	-0.24	Good	Yes	Good	Good	None	None
378	77.22	77.90	-0.68	Good	Yes	Good	Good	Ded. 2" SP	PDB@74.0'
379	51.92	52.54	-0.62	Good	Yes	Good	Good	Bailer-5'	PDB@49.4'
382	22.58	22.35	0.23	Good	No	Good	Good	Bailer-4'	PDB@19.7'
383	16.99	16.71	0.28	Good	Yes	Good	Good	Bailer-5'	PDB@14.3'
386	17.46	17.33	0.13	Good	Yes	Good	Good	Bailer-3'	PDB@14.9'
387	15.52	15.37	0.15	Good	Yes	Good	Good	Bailer-3'	PDB@12.5'
391	30.18	30.19	-0.01	Good	Yes	Good	Good	None	None
392	45.07	46.11	-1.04	Good	Yes	Good	Good	Bailer-4'	PDB@40.1'
393	65.19	64.91	0.28	Good	Yes	Good	Good	Ded. 2" SP	PDB@62.7'
394	47.01	47.28	-0.27	Good	Yes	Good	Good	Bailer-4'	PDB@42.0'
395	65.1	64.95	0.15	Good	Yes	Good	Good	Ded. 2" SP	PDB@62.0'
397	39.69	39.85	-0.16	Good	Yes	Good	Good	Bailer-5'	PDB@37.2'
398	18.07	18.55	-0.48	Good	Yes	Good	Good	Bailer-4'	PDB@13.1'
399	16.59	16.55	0.04	Good	Yes	Good	Good	Bailer-4'	PDB@11.1'
404	Extraction Well - Inaccessible			Good	Yes	Good	NA	None	None
405	Extraction Well - Inaccessible			Good	Yes	Good	NA	None	None
412	Extraction Well - Inaccessible			Good	Yes	Good	NA	Bailer-3'	Bailer-3'
413	Extraction Well - Inaccessible			Good	Yes	Good	NA	Bailer-3'	Bailer-3'
414	Extraction Well - Inaccessible			Good	Yes	Good	NA	Bailer-3'	Bailer-3'
415	Extraction Well - Inaccessible			Good	Yes	Good	NA	None	None
521	39.55	39.50	0.05	Good	Yes	Manhole	Good	Ded. 2" SP	PDB@38.2'
522	34.08	33.93	0.15	Good	Yes	Good	Good	Bailer-5'	PDB@31.2'
524	36.17	36.07	0.10	Good	Yes	Good	Good	Bailer-5'	PDB@33.2'
529	13.76	13.77	-0.01	Good	Yes	Manhole	Good	Bailer-4'	PDB@11.4'
532	16.58	17.17	-0.59	Good	Yes	Good	Good	Bailer-4'	PDB@12.3'
534	13.34	13.20	0.14	Good	Yes	Manhole	Good	Bailer-2'	PDB@8.5'
540	51.03	50.92	0.11	Good	Yes	Good	None	Bailer-5'	PDB@46.3'
541	55.03	54.92	0.11	Good	Yes	Good	None	Bailer-5'	PDB@50.1'
542	44.64	44.59	0.05	Good	Yes	Good	None	Bailer-5'	PDB@39.4'
543	54.27	54.16	0.11	Good	Yes	Good	None	Bailer-5'	PDB@49.0'
601	15.56	15.40	0.16	Good	Yes	Good	Good	Bailer-5'	PDB@10.1'
602	19.54	19.31	0.23	Good	Yes	Good	Good	Bailer-5'	PDB@13.1'
603	17.95	17.78	0.17	Good	Yes	Good	Good	Bailer-5'	PDB@13.0'
604	22.14	22.00	0.14	Good	Yes	Manhole	Good	Bailer-3'	PDB@21.5'
605	46.5	46.33	0.17	Good	Yes	Manhole	Good	Bailer-5'	PDB@47.7'
606	47.4	47.35	0.05	Good	Yes	Manhole	Good	Bailer-5'	PDB@44.9'
607	59.74	59.66	0.08	Good	Yes	Manhole	Good	Bailer-5'	PDB@57.7'
608	16.77	16.61	0.16	Good	Yes	Good	Good	Bailer-5'	PDB@11.4'
609	51.66	51.71	-0.05	Good	Yes	Manhole	Good	Bailer-5'	PDB@49.2'
610	32.4	32.04	0.36	Good	Yes	Manhole	Good	Bailer-4'	PDB@29.9'
611	13.41	13.28	0.13	Good	Yes	Manhole	Good	Peristaltic	Peristaltic
612	56.64	56.90	-0.26	Good	Yes	Manhole	Good	Bailer-5'	PDB@55.9'
613	41.63	41.46	0.17	Good	Yes	Manhole	Good	Bailer-5'	PDB@36.4'
614	105.42	105.08	0.34	Good	Yes	Good	Good	Ded. 2" SP	PDB@102.6'

Well Inspection Summary (April 2010) with Dedicated Equipment Assignments

Well ID	Reference DTB	2010 Measured DTB	Depth Differential	Well Tag Condition?	Ref. Pt. Visible?	Paint Condition?	Sanitary Seal Condition?	Dedicated Equipment before 7/1/10	Dedicated Equipment after 6/30/10
615	46.07	45.90	0.17	Good	Yes	Good	Good	Ded. 2" SP	PDB@42.7'
616	31.56	31.39	0.17	Good	Yes	Good	Good	Bailer-4'	PDB@28.0'
617	37.34	37.10	0.24	Good	Yes	Manhole	Good	Bailer-4'	PDB@34.7'
618	28.86	28.70	0.16	Good	Yes	Good	Good	Bailer-3'	PDB@26.6'
619	15.07	14.88	0.19	Good	Yes	Manhole	Good	Peristaltic	PDB@12.2'
620	17.56	17.41	0.15	Good	Yes	Good	Good	Peristaltic	Peristaltic
621	37.41	37.15	0.26	Good	Yes	Good	Good	Bailer-3'	PDB@32.0'
622	46.53	46.38	0.15	Good	Yes	Good	Good	Bailer-5'	PDB@43.6'
623	54.59	54.41	0.18	Good	Yes	Good	Good	Bailer-3'	PDB@49.0'
624	64.39	64.20	0.19	Good	Yes	Good	Good	Bailer-4'	PDB@61.5'
625	44.58	44.37	0.21	Good	Yes	Good	Good	Ded. 2" SP	PDB@39.0'
626	92.41	92.26	0.15	Good	Yes	Good	Good	Ded. 2" SP	PDB@91.1'
627	50.91	50.80	0.11	Good	Yes	Good	Good	Ded. 2" SP	PDB@44.8'
628	100.5	100.58	-0.08	Good	Yes	Good	Good	Ded. 2" SP	PDB@97.0'
629	51.45	51.26	0.19	Good	Yes	Good	Good	Bailer-4'	PDB@45.2'
630	93.55	93.35	0.20	Good	Yes	Good	Good	Ded. 2" SP	PDB@90.1'
631	31.53	31.35	0.18	Good	Yes	Good	Good	Bailer-4'	PDB@27.9'
632	39.34	39.15	0.19	Good	Yes	Good	Good	Bailer-4'	PDB@35.9'
P1	11.23	11.11	0.12	Good	Yes	Good	Good	None	None
P2	10.49	10.35	0.14	Good	Yes	Good	Good	None	None
P4	20.31	20.35	-0.04	Good	Yes	Good	Good	Bailer-4'	PDB@17.6'
P7	5.55	5.08	0.47	Good	Yes	Manhole	Good	None	None
P8	8.73	8.65	0.08	Good	Yes	Manhole	Good	Peristaltic	PDB@~6.7'
P11	14.84	14.60	0.24	Good	Yes	Manhole	Good	Peristaltic	PDB@11'

Key:

DTB = Depth to Bottom
Ref. Pt. = Reference Point
Ded. 2" SP = Dedicated 2-inch diameter submersible pump
Length of bailer in feet is indicated where a bailer is used.
PDB@X = Polyethylene diffusion bag sampling device set at indicated depth below top of casing.
All measurements in feet.

APPENDIX D

2010 SAMPLING PLAN
GROUNDWATER MONITORING PROGRAM

2010 Groundwater Sampling Plan

Well	Site Area	Site Region	Northern (Semiannual) 1st Quarter 2010	Southern (Semiannual) 2nd Quarter 2010	Northern (Annual) 3rd Quarter 2010	Southern (Annual) 4th Quarter 2010	Sampling Frequency	Program	Unit Monitored
101	SBA	South		X		X	S	GMP	Outwash Sand
106	TFA	North	X	X	X	X	Q	V	Till?
107A	TFA	North	X	X	X	X	Q	GMP	Bedrock
110	TFA	North	X		X		S	GMP	Till/Bedrock
120	WMA	South		X		X	S	GMP	Till/Bedrock
124	TFA	North	X		X		S	GMP	Till/Bedrock
125	TFA	North	X		X		S	GMP	Sand & Gravel/Bedrock
127	TFA	North	X		X		S	GMP	Sand & Gravel/Bedrock
128	TFA	North			X		A	GMP	Till/Bedrock
129	TFA	North	X		X		S	GMP	Till/Bedrock
132	TFA	North			X		A	GMP	Bedrock
133	TVD/MLA	South		X		X	S	GMP	Till/Bedrock
134	TFA	North	X		X		S	GMP	Till/Bedrock
140R	NBT/P001	North			X		A	GMP	Till/Bedrock
146	NBT/P001	North	X		X		S	GMP	Till/Bedrock
148	WMA	South		X		X	S	GMP	Till/Bedrock
149	WMA	South		X		X	S	GMP	Till/Bedrock
157	NBT/P001	North	X		X		S	GMP	Till/Bedrock
158	WBA	South				X	A	GMP	Till/Bedrock
160	WBA	South		X		X	S	GMP	Basal Till
162	WBA	South		X		X	S	GMP	Till/Bedrock
163	WBA	South				X	A	GMP	Alluvial Silt and Gravel
165	WBA	South		X		X	S	GMP	Till/Bedrock
166	WBA	South		X		X	S	GMP	Till/Bedrock
167	WBA	South		X		X	S	GMP	Silt
178	WMA	South		X		X	S	GMP	Gravel/Bedrock
179	WMA	South		X		X	S	GMP	Outwash Sand
181	WMA	South				X	A	GMP	Till/Bedrock
183	WMA	South		X		X	S	GMP	Till/Bedrock
185	WBA	South		X		X	S	GMP	Sand & Gravel/Bedrock
186	SBA	South		X		X	S	GMP	Sand & Gravel/Bedrock
194	WMA	South		X		X	S	GMP	Bedrock
306	TVD/MLA	South				X	A	GMP	Sand & Gravel/Bedrock
308	TVD/MLA	South		X		X	S	GMP	Till/Bedrock
309	TVD/MLA	South		X		X	S	GMP	Till
313	TVD/MLA	South				X	A	GMP	Till/Bedrock?
314	SBA	South				X	A	GMP	Basal Till
316	WBA	South		X		X	S	GMP	Glaciolac., vf sand, silt, clay
317	WBA	South		X		X	S	GMP	Outwash Sand & Gravel
318	SBA	South	X	X	X	X	Q	GMP	Outwash Sand & Gravel
319	SBA	South	X	X	X	X	Q	GMP	Outwash Sand
321	TVD/MLA	South		X		X	S	GMP	Sand & Gravel/Till
322	SBA	South	X	X	X	X	Q	GMP	Outwash Sand & Gravel
323	SBA	South	X	X	X	X	Q	GMP	Outwash Sand
324	NBT/P001	North	X		X		S	GMP	Till/Bedrock
325	NBT/P001	North	X		X		S	GMP	Alluvial Gravel
351	SBA	South		X		X	S	GMP	Till/Bedrock
352	SBA	South				X	A	GMP	Basal Till
353	TFA	North			X		A	GMP	Bedrock
354	TFA	North			X		A	GMP	Till
355	SBA	South				X	A	GMP	Bedrock
356	SBA	South				X	A	GMP	Outwash Sand & Gravel
357	NBT/P001	North	X		X		S	GMP	Bedrock
358	NBT/P001	North			X		A	GMP	Alluvial Sand & Gravel
361	NBT/P001	North			X		A	V	Bedrock
362	TVD/MLA	South				X	A	GMP	Bedrock
363	TVD/MLA	South				X	A	GMP	Bedrock
364	NBT/P001	North			X		A	V	Till/Bedrock
365	NBT/P001	North			X		A	V	Alluvial Sand & Gravel
366	NBT/P001	North			X		A	V	Till/Bedrock
367	NBT/P001	North	X		X		S	V	Till/Bedrock
368	NBT/P001	North	X		X		S	V	Alluvial Silt, Sand, Gravel
373	TVD/MLA	South		X		X	S	GMP	Outwash Sand & Gravel
374	TVD/MLA	South		X		X	S	GMP	Sand & Gravel
378	NBT/P001	North	X		X		S	GMP	Bedrock
379	NBT/P001	North			X		A	V	Till
382	NBT/P001	North			X		A	V	Fill
383	NBT/P001	North	X		X		S	GMP	Alluvial Silt & f. Sand
386	WMA	South				X	A	V	Alluvial Sand & Gravel

2010 Groundwater Sampling Plan

Well	Site Area	Site Region	Northern (Semiannual) 1st Quarter 2010	Southern (Semiannual) 2nd Quarter 2010	Northern (Annual) 3rd Quarter 2010	Southern (Annual) 4th Quarter 2010	Sampling Frequency	Program	Unit Monitored
387	WBA	South				X	A	V	Alluvial Silt, Sand, Gravel
392	NBT/P001	North	X		X		S	GMP	Alluvial Silt, Sand, Gravel
393	NBT/P001	North	X	X	X	X	Q	GMP	Till/Bedrock
394	NBT/P001	North	X		X		S	GMP	Alluvial Silt, Sand, Gravel
395	NBT/P001	North			X		A	V	Till/Bedrock
397	NBT/P001	North			X		A	GMP	Till/Bedrock
398	NBT/P001	North	X		X		S	GMP	Alluvial Silt, Sand, Gravel
399	NBT/P001	North	X	X	X	X	Q	GMP	Alluvial Silt, Sand, Gravel
404	WMA	South	X	X	X	X	Q	V	Alluvial and Till/Bedrock Zones
405	WMA	South	X	X	X	X	Q	V	Alluvial Zone
412	NBT/P001	North	X	X	X	X	Q	V	Alluvial Zone
413	NBT/P001	North	X	X	X	X	Q	V	Till/Bedrock Zone
414	NBT/P001	North	X	X	X	X	Q	V	Alluvial and Till/Bedrock Zones
412/413/414*	NBT/P001	North	X	X	X	X	Q	V	Alluvial and Till/Bedrock Zones
415	TFA	North	X	X	X	X	Q	V	Till/Bedrock Zone
521	MT	North	X		X		S	GMP	Till/Bedrock
522	MT	North	X	X	X	X	Q	GMP	Till/Bedrock
524	MT	North	X		X		S	GMP	Till/Bedrock
529	MT	North	X	X	X	X	Q	GMP	Alluvial Silt, Sand, Gravel
532	MT	North	X	X	X	X	Q	GMP	Alluvial Silt, Sand, Gravel
534	MT	North	X	X	X	X	Q	GMP	Alluvial Silt, Sand, Gravel
540	SBA	South		X		X	S	GMP	Outwash Sand & Gravel
541	SBA	South		X		X	S	GMP	Outwash Sand & Gravel
542	SBA	South		X		X	S	GMP	Outwash Sand & Gravel
543	SBA	South		X		X	S	GMP	Outwash Sand & Gravel
601	NBT/P001	North	X		X		S	V	Alluvial Silt, Sand, Gravel
602	NBT/P001	North	X		X		S	V	Alluvial Silt & Sand
603	NBT/P001	North	X		X		S	GMP	Alluvial Sand & Gravel
604	NBT/P001	North	X		X		S	GMP	Alluvial Silt & Sand
605	NBT/P001	North			X		A	GMP	Till/Bedrock
606	NBT/P001	North	X	X	X	X	Q	GMP	Alluvial Silt, Sand, Gravel
607	NBT/P001	North	X	X	X	X	Q	GMP	Till/Bedrock
608	NBT/P001	North	X		X		S	GMP	Alluvial Silt, Sand, Gravel
609	NBT/P001	North			X		A	GMP	Till/Bedrock
610	NBT/P001	North	X		X		S	GMP	Till/Bedrock
611	NBT/P001	North	X		X		S	GMP	Fill/Alluvial Sand & Silt
612	NBT/P001	North	X		X		S	GMP	Till/Bedrock
613	NBT/P001	North	X		X		S	GMP	Alluvial Silt, Sand, Gravel
614	WBA	South				X	A	GMP	Till/Bedrock
615	NBT/P001	North			X		A	GMP	Bedrock
616	NBT/P001	North	X		X		S	GMP	Till/Bedrock
617	NBT/P001	North	X		X		S	GMP	Till/Bedrock
618	TFA	North	X		X		S	GMP	Till/Bedrock
619	TVD/MLA	South				X	A	GMP	Till/Bedrock
620	TVD/MLA	South		X		X	S	GMP	Alluvial Sand & Gravel/Till
621	TVD/MLA	South		X		X	S	GMP	Outwash Sand & Gravel
622	TVD/MLA	South		X		X	S	GMP	Till/Bedrock
623	TVD/MLA	South				X	A	V	Fill/Alluvial Sand & Silt
624	TVD/MLA	South				X	A	V	Till/Bedrock
625	SBA	South	X	X	X	X	Q	GMP	Outwash Sand & Gravel
626	SBA	South		X		X	S	GMP	Till/Bedrock
627	SBA	South		X		X	S	GMP	Outwash Sand & Gravel
628	SBA	South				X	A	V	Till/Bedrock
629	WBA	South				X	A	V	Outwash Silt, Sand, Gravel
630	WBA	South				X	A	V	Till/Bedrock
631	WBA	South		X		X	S	GMP	Outwash Sand & Gravel
632	WMA	South		X		X	S	GMP	Till/Bedrock
P04	TFA	North			X		A	GMP	Till
P08	TVD/MLA	South				X	A	GMP	Till?
P11	TVD/MLA	South				X	A	GMP	Till?
	Sample Count:		**54**	**57**	**72**	**79**	**Total:**	**262**	

Key:

X	Collect sample
Q	Quarterly
S	Semiannually
A	Annually
*	Combined flow from Envirojet system
GMP	Groundwater Monitoring Program Well
V	Voluntary Sampling Well

MT:	Moore Tire Area (off-site)
NBT/P001:	NW Bedrock Trough/P001 Area
SBA:	Southern Boundary Area (some off-site)
TFA:	Tank Farm Area
TVD/MLA:	Tower View Drive/Mirror Lake Area
WBA:	Western Boundary Area
WMA:	Waste Management Area

APPENDIX E

CHAINS OF CUSTODY
Third and Fourth Quarters 2010

IBM Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1203358 Sample #: 6028231-51

COC # 00077

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: IBM Acct. #: 06911
Project Name/#: Owego 3rd Qt GW
Project Name/# (cont.): 93004.30
Sampler: J Ronis Project State: NY
P.O.#: CAR93004.39 IBM PM: K. Whelen
Check one: [x] Routine Lab GW [ ] Routine GTF O&M [ ] Non-Routine Investigation [ ] Non-Routine Upgrades/Installs
OU: ______ (Endicott Non-Routine only)

For Lab Use Only
FSC: ______
SCR #: ______

(5) Analyses Requested / Preservation Codes: H — 8260B Plus Freon 113/123

Preservation Codes: H=HCl (circled), T=Thiosulfate, N=HNO_3, B=NaOH, S=H_2SO_4, O=Other

(6) Temperature of samples upon receipt (if requested)

(4) Matrix: Potable / NPDES — Check if Applicable

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Soil	Water	Other	Total # of Containers	8260B Plus Freon 113/123	Remarks/SSOW
CTB100706TAR	7/6/10	930	X			GW		3	X	Trip Blank
C0134100~~8~~7		1142								
C0107A100~~8~~7		1156								
C0364 1007		1100								
C0378 1007		1124								
CEQ100706WLID		1247								Equip. Blank
C0395 1007		1319								
C0393 1007		1346								
C0521 1007		1414								
C0318 1007		1519								

(Margin note: 3 Pages 3)

(7) **Turnaround Time Requested** (TAT) (please check): [x] Normal [ ] Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): [ ] Phone [ ] E-mail
Phone #: ______ E-mail: ______

(8) **Data Package Options** (please check if required)
[ ] Type I (Validation/NJ Reg) [ ] TX TRRP-13
[ ] Type III (Reduced NJ) [ ] MA MCP
[ ] Type VI (Raw Data Only) [ ] CT RCP
[ ] NY ASP A
[ ] NY ASP B
SDG Complete? [ ] Yes [ ] No
Site-specific QC (MS/MSD/Dup)? [ ] Yes [x] No
(If yes, indicate QC sample and submit triplicate volume.)

*NYSDEC B

Relinquished by:	Date	Time	Received by:	Date	Time (9)
[signature]	7/8/10	800			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	7/9/10	920

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766
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IBM Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1203358 Sample #: 6028231-51

COC # 00078

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: IBM Acct. #: 06911
Project Name/#: Owego 3rd Qt GW
Project Name/# (cont.): 93004.30
Sampler: J Ronis Project State: NY
P.O.#: CAR93004.39 IBM PM: K. Whelen
Check one: [x] Routine Lab GW [ ] Routine GTF O&M [ ] Non-Routine Investigation [ ] Non-Routine Upgrades/Installs
OU: ______ (Endicott Non-Routine only)

For Lab Use Only
FSC: ______
SCR #: ______

(5) Analyses Requested / Preservation Codes: H — 8260B Plus Freon 113/123

Preservation Codes: H=HCl (circled), T=Thiosulfate, N=HNO_3, B=NaOH, S=H_2SO_4, O=Other

(6) Temperature of samples upon receipt (if requested)

(4) Matrix: Potable / NPDES — Check if Applicable

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Soil	Water	Other	Total # of Containers	8260B Plus Freon 113/123	Remarks/SSOW
C0157 1007	7/6/10	1534	X			GW		3	X	
C0615 1007		1620								
C0146 1007		1702								
C0127 1007		1740								
C0124 1007	7/7/10	658								
C0125 1007		740								
CEQ100707WLID		723								Equip Blank.
C0322 1007		821								
C0319 1007		856								
C0323 1007		951								

(Margin note: 3 Pages 3)

(7) **Turnaround Time Requested** (TAT) (please check): [x] Normal [ ] Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): [ ] Phone [ ] E-mail
Phone #: ______ E-mail: ______

(8) **Data Package Options** (please check if required)
[ ] Type I (Validation/NJ Reg) [ ] TX TRRP-13
[ ] Type III (Reduced NJ) [ ] MA MCP
[ ] Type VI (Raw Data Only) [ ] CT RCP
[ ] NY ASP A
[ ] NY ASP B
SDG Complete? [ ] Yes [ ] No
Site-specific QC (MS/MSD/Dup)? [ ] Yes [x] No
(If yes, indicate QC sample and submit triplicate volume.)

*NYSDEC B

Relinquished by:	Date	Time	Received by:	Date	Time (9)
[signature]	7/8/10	800			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	7/9/10	920

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IBM Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1202358 Sample #: 6028231-51

COC # 00079

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: IBM Acct. #: 06911
Project Name/#: Owego 3rd Qt GW
Project Name/# (cont.) 53004.30
Sampler: JRonis Project State: NY
P.O.#: CAR93004.39 IBM PM: K. Whalen
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M ☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
OU: ____ (Endicott Non-Routine only)

For Lab Use Only
FSC: ____
SCR #: ____

(5) Analyses Requested: 8260B Plus Freon 113/123
Preservation Codes: H

(6) Preservation Codes: H=HCl (circled), T=Thiosulfate, N=HNO_3, B=NaOH, S=H_2SO_4, O=Other

Matrix: ☐ Potable ☐ NPDES (Check if Applicable)

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Soil	Water	Other	(4) Total # of Containers	8260B Plus Freon 113/123	Remarks/SSOW	Temperature of samples upon receipt (if requested)
0062510007	7/7/10	1036	X			GW		3	X		

Page 3/3

(7) Turnaround Time Requested (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: ____ E-mail: ____

(8) Data Package Options (please check if required)
☐ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A
☐ NY ASP B
SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☒ No
(If yes, indicate QC sample and submit triplicate volume.)

*NYSDEC B

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	7/8/10	800			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	7/9/10	920

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Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1203435 Sample #: 6034201-24

COC # 00080

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: IBM Acct. #: 06911
Project Name/#: Owego 3rd Qt GW
Project Name/# (cont.) 53004.30
Sampler: JRonis Project State: NY
P.O.#: CAR93004.39 IBM PM: K. Whalen
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M ☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
OU: ____ (Endicott Non-Routine only)

For Lab Use Only
FSC: ____
SCR #: ____

(5) Analyses Requested: 8260B Plus Freon 113/123
Preservation Codes: H

(6) Preservation Codes: H=HCl (circled), T=Thiosulfate, N=HNO_3, B=NaOH, S=H_2SO_4, O=Other

Matrix: ☐ Potable ☐ NPDES (Check if Applicable)

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Soil	Water	Other	(4) Total # of Containers	8260B Plus Freon 113/123	Remarks/SSOW	Temperature of samples upon receipt (if requested)
OTB100714JAR	7/14/10	1030	X			GW		3	X	Trip Blank.	
C0618100714P	↓	1047	↓			↓		↓	↓		
C0110100714P	↓	1101	↓			↓		↓	↓		
CS00100714	↓	1112	↓			↓		↓	↓		
C0132100714P	↓	1131	↓			↓		↓	↓		
C0129100714P	↓	1147	↓			↓		↓	↓		
C0P4100714P	↓	1202	↓			↓		↓	↓		
C0106100714P	↓	1217	↓			↓		↓	↓		
C0128100714P	↓	1257	↓			↓		↓	↓		
C0353100714P	↓	1312	↓			↓		↓	↓		

Page 1/3

(7) Turnaround Time Requested (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: ____ E-mail: ____

(8) Data Package Options (please check if required)
☐ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A
☐ NY ASP B
SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☒ No
(If yes, indicate QC sample and submit triplicate volume.)

*NYSDEC B

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	7/15/10	1800			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	7/16/10	900

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IBM Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1203435 Sample #: 6034201-24

COC # 00081

Please print. Instructions on reverse side correspond with circled numbers.

1 Client: IBM Acct. #: 6911
Project Name/#: Cuyo 3rd Qt Gw
Project Name/# (cont.): 93004.39
Sampler: Travis Project State: NY
P.O.#: CAR93004.39 IBM PM: K. Whalen
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M
☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
OU: (Endicott Non-Routine only)

2 Sample Identification	Date Collected	Time Collected	3 Grab	Composite	Matrix: Soil	Water	Other	4 Total # of Containers	5 Analyses Requested / Preservation Codes: H	Remarks/SSOW
C@3541@@7 14P	7/14/10	1331	X			GW		3	X	
CEQ1@@7 14W LD		1331								Equip. Blank
C@366 1@@7 14P		1351								
C@388 1@@7 14P		1404								
C@367 1@@7 14P		1430								
C@368 1@@7 14P		1430								
C@602 1@@7 14P		1448								
C@397 1@@7 14P		1503								
C@398 1@@7 14P		1512								
C@@31@@7 14P		1534								

Page 2 of 3

Preservation Codes: H=HCl T=Thiosulfate N=HNO_3 B=NaOH S=H_2SO_4 O=Other
6 Temperature of samples upon receipt (if requested)

For Lab Use Only
FSC:
SCR #:

7 **Turnaround Time Requested** (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: E-mail:

8 **Data Package Options** (please check if required)
☐ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A ☐ NY ASP B
SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☒ No
(If yes, indicate QC sample and submit triplicate volume.)

9 Relinquished by:	Date	Time	Received by:	Date	Time
	7/15/10	1800			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	7/16/10	900

* NYSDEC B

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IBM Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1203435 Sample #: 6034201-24

COC # 00082

Please print. Instructions on reverse side correspond with circled numbers.

1 Client: IBM Acct. #: 6911
Project Name/#: Cuyo 3rd Qt. Gw
Project Name/# (cont.): 93004.39
Sampler: Travis Project State: NY
P.O.#: CAR93004.39 IBM PM: K. Whalen
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M
☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
OU: (Endicott Non-Routine only)

2 Sample Identification	Date Collected	Time Collected	3 Grab	Composite	Matrix: Soil	Water	Other	4 Total # of Containers	5 Analyses Requested / Preservation Codes: H	Remarks/SSOW
C@608 1@@7 14P	7/14/10	1539	X			GW		3	X	
C@600 1@@7 14P		1617								
C@534 1@@7 14P		1633								
C@539 1@@7 14P		1644								

Page 3 of 3

Preservation Codes: H=HCl T=Thiosulfate N=HNO_3 B=NaOH S=H_2SO_4 O=Other
6 Temperature of samples upon receipt (if requested)

For Lab Use Only
FSC:
SCR #:

7 **Turnaround Time Requested** (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: E-mail:

8 **Data Package Options** (please check if required)
☐ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A ☐ NY ASP B
SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☒ No
(If yes, indicate QC sample and submit triplicate volume.)

9 Relinquished by:	Date	Time	Received by:	Date	Time
	7/15/10	1800			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	7/16/10	900

* NYSDEC B

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Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1203436 Sample #: 6031225-48

COC # 00085

Please print. Instructions on reverse side correspond with circled numbers.

1 Client: IBM Acct. #: Q6911
Project Name/#: Cwsg 3rd Qt Gw
Project Name/# (cont.): 93004.39
Sampler: J Ronis Project State: NY
P.O.#: CAR93004.39 IBM PM: K Whalen
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M
☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
OU: _____ (Endicott Non-Routine only)

5 **Analyses Requested** / **Preservation Codes**: H

For Lab Use Only
FSC: _____
SCR #: _____

Preservation Codes (6)
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

Temperature of samples upon receipt (if requested)

2 Sample Identification	Date Collected	Time Collected	3 Grab	3 Composite	Matrix: Soil	Matrix: Water	Matrix: Other	4 Total # of Containers	5 H	Remarks/SSOW
CTB1Q0712.JAR	7/14/10	1600	X			Gw		3	X	Trip Blank
CQ0610Q0715P	7/15/10	634								
CQ0611Q0715P		646								
CQ0609Q0715P		704								
CQ0612Q0715P		721								
CQ0613Q0715P		731								
CQ5341Q0715P		753								
CQ0357Q0715P		823								
CQ0358Q0715P		833								
CEQ1Q0715W21D		847								Equip. Blank

Page 1/3

7 **Turnaround Time Requested** (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: _____ E-mail: _____

8 **Data Package Options** (please check if required)
☐ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A ☐ NY ASP B
SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☒ No
(If yes, indicate QC sample and submit triplicate volume.)

9 Relinquished by:	Date	Time	Received by:	Date	Time
	7/16/10	1800			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	7/16/10	900

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Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1203436 Sample #: 6031225-48

COC # 00086

Please print. Instructions on reverse side correspond with circled numbers.

1 Client: IBM Acct. #: Q6911
Project Name/#: Cwsg 3rd Qt Gw
Project Name/# (cont.): 93004.39
Sampler: J Ronis Project State: NY
P.O.#: CAR93004.39 IBM PM: K Whalen
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M
☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
OU: _____ (Endicott Non-Routine only)

5 **Analyses Requested** / **Preservation Codes**: H

For Lab Use Only
FSC: _____
SCR #: _____

Preservation Codes (6)
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

Temperature of samples upon receipt (if requested)

2 Sample Identification	Date Collected	Time Collected	3 Grab	3 Composite	Matrix: Soil	Matrix: Water	Matrix: Other	4 Total # of Containers	5 H	Remarks/SSOW
CQ0399Q0715P	7/15/10	917	X			Gw		3	X	
CQ0598Q0715P		929								
CQ0599Q0715P		941								
CQ0365Q0715P		958								
CQ0379Q0715P		1012								
CQ0601Q0715P		1027								
CQ0607Q0715P		1037								
CQ0383Q0715P		1103								
CQ0361Q0715P		1146								
CQ0617Q0715P		1243								

Page 2/3

7 **Turnaround Time Requested** (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: _____ E-mail: _____

8 **Data Package Options** (please check if required)
☐ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A ☐ NY ASP B
SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☒ No
(If yes, indicate QC sample and submit triplicate volume.)

9 Relinquished by:	Date	Time	Received by:	Date	Time
	7/15/10	1800			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	7/16/10	900

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Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 120346 Sample #: 6034225-48

COC # 00087

Please print. Instructions on reverse side correspond with circled numbers.

1 Client: IBM Acct. #: 06911
Project Name/#: Omega 3rd Qtr GW
Project Name/# (cont.) 93004.30
Sampler: T. Reavis Project State: NY
P.O.#: CAR93004.29 IBM PM: K Wheeler
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M
☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
OU: _____ (Endicott Non-Routine only)

For Lab Use Only
FSC: _____
SCR #: _____

2 Sample Identification	Date Collected	Time Collected	3 Grab	3 Composite	Matrix: Soil	Matrix: Water	Matrix: Other	4 Total # of Containers	5 Analyses Requested / Preservation Codes: H	Remarks/SSOW
OQ616 1Q07 15P	7/15/10	1257	X			GW		3	X	
OQ604 1Q07 15P		1313								
OQ605 1Q07 15P		1393								
OQ394 1Q07 15P		1347								

Page 3/3

Preservation Codes: H=HCl T=Thiosulfate N=HNO_3 B=NaOH S=H_2SO_4 O=Other

6 Temperature of samples upon receipt (if requested)

7 **Turnaround Time Requested** (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: _____ E-mail: _____

8 **Data Package Options** (please check if required)
☐ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A ☐ NY ASP B
SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☒ No (If yes, indicate QC sample and submit triplicate volume.)

9 Relinquished by:	Date	Time	Received by:	Date	Time
	7/15/10	1500			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
			Mary Hahn	7/16/10	900

*NYSDEC B

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For Lancaster Laboratories use only
Acct. #: 6911 Group #: 120351 Sample #: 6035003-15

COC # 00088

Please print. Instructions on reverse side correspond with circled numbers.

1 Client: IBM Acct. #: 06911
Project Name/#: Omega 3rd Qtr GW
Project Name/# (cont.) 93004.30
Sampler: T. Reavis Project State: NY
P.O.#: CAR93004.29 IBM PM: K Wheeler
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M
☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
OU: _____ (Endicott Non-Routine only)

For Lab Use Only
FSC: _____
SCR #: _____

2 Sample Identification	Date Collected	Time Collected	3 Grab	3 Composite	Matrix: Soil	Matrix: Water	Matrix: Other	4 Total # of Containers	5 Analyses Requested / Preservation Codes: H	Remarks/SSOW
OQ14QR 1Q07 15P	7/15/10	1400	X			GW		3	X	
OTB 1Q07 15 VAR		1125								Trip Blank
OQ394 1Q07 15P		1433								
OQ395 1Q07 15P		1443								
OQ393 1Q07 15P		1503								
OESET 1Q07 16	7/16/10	637								
OEGW 1Q07 16 WL ID		646								Equip. Blank
OQ412 1Q07 16		712								
OQ413 1Q07 16		739								
OQ414 1Q07 16		746								

Page 1/3

Preservation Codes: H=HCl T=Thiosulfate N=HNO_3 B=NaOH S=H_2SO_4 O=Other

6 Temperature of samples upon receipt (if requested)

7 **Turnaround Time Requested** (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: _____ E-mail: _____

8 **Data Package Options** (please check if required)
☐ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A ☐ NY ASP B
SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☒ No (If yes, indicate QC sample and submit triplicate volume.)

9 Relinquished by:	Date	Time	Received by:	Date	Time
	7/16/10	1100			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
			Katie Hartline	7/17/10	1015

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Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1203551 Sample #: 6035003-15

COC # 00089

Please print. Instructions on reverse side correspond with circled numbers.

1. Client: IBM Acct. #: 06911
Project Name/#: Owego 3rd Qt GW
Project Name/# (cont.): 93004.30
Sampler: J Ronis Project State: NY
P.O.#: CAR93004.29 IBM PM: K Whalen
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M ☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
OU: ____ (Endicott Non-Routine only)

For Lab Use Only
FSC:
SCR #:

Preservation Codes: H=HCl (circled) T=Thiosulfate N=HNO3 B=NaOH S=H2SO4 O=Other

5. Analyses Requested — Preservation Codes: H — 8260B Plus Freon 113/123a

2. Sample Identification	Date Collected	Time Collected	3. Grab	Composite	Soil	Water	Other	4. Total # of Containers	8260B Plus Freon 113/123a (H)	Remarks/SSOW	6. Temperature of samples upon receipt (if requested)
C0415100716	7/16/10	822	X			GW		3	X		
C0404100716	↓	843	↓			↓		↓	↓		
C0405100716	↓	855	↓			↓		↓	↓		

Page 2 of 2

7. Turnaround Time Requested (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: ____ E-mail: ____

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	7/16/10	1100			
			Katie Hartline	7/17/10	10:15

8. Data Package Options (please check if required)
☐ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A
☐ NY ASP B
SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☒ No
(If yes, indicate QC sample and submit triplicate volume.)

*NYSDEC B

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Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1205034 Sample #: 6044404-23

COC # 00238

Please print. Instructions on reverse side correspond with circled numbers.

1. Client: IBM Acct. #: 06911
Project Name/#: Owego 3rd Qt GW
Project Name/# (cont.): 93004.30
Sampler: J Ronis Project State: NY
P.O.#: CAR93004.29 IBM PM: K Whalen
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M ☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
OU: ____ (Endicott Non-Routine only)

For Lab Use Only
FSC:
SCR #:

Preservation Codes: H=HCl (circled) T=Thiosulfate N=HNO3 B=NaOH S=H2SO4 O=Other

5. Analyses Requested — Preservation Codes: H — 8260B Plus Freon 113/123a

2. Sample Identification	Date Collected	Time Collected	3. Grab	Composite	Soil	Water	Other	4. Total # of Containers	8260B Plus Freon 113/123a (H)	Remarks/SSOW	6. Temperature of samples upon receipt (if requested)
CTB100726TAP	7/26/10	1330	X			GW		3	X	Trip Blank	
C0134100726P		1351									
C0107A100726P		1412									
C0127100726P		1633									
C0124100726P		1437									
C0125100726P		1459									
C0521100726P		1527									
C0364100726P		1551									
C0378100726P		1609									
C0146100726P	↓	1630	↓			↓		↓	↓		

Page 1 of 2

7. Turnaround Time Requested (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: ____ E-mail: ____

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	7/27/10	1300			
			[signature]	7/28/10	900

8. Data Package Options (please check if required)
☐ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A
☐ NY ASP B
SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☐ No
(If yes, indicate QC sample and submit triplicate volume.)

*NYSDEC B

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Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1205034 Sample #: 6044404-23

COC # 00239

Please print. Instructions on reverse side correspond with circled numbers.

1 Client: IBM Acct. #: 6911
Project Name/#: Owego 3rd Qtr GW
Project Name/# (cont.) 93004.39
Sampler: T Ronis Project State: NY
P.O.#: CAR93004.29 IBM PM: K. Whalen
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M
☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
OU: _____ (Endicott Non-Routine only)

For Lab Use Only
FSC: _____
SCR #: _____

Preservation Codes: H=HCl T=Thiosulfate N=HNO_3 B=NaOH S=H_2SO_4 O=Other

2 Sample Identification	Date Collected	Time Collected	3 Grab	Composite	Matrix: Soil	Water	Other (Potable / NPDES)	4 Total # of Containers	5 Analyses Requested / Preservation Codes: H	Remarks/SSOW
OEQ1007096WL1D	7/26/10	1710	X			GW		3	X	Equip. Blank
OEQ1007097WL1D	7/27/10	643								Equip. Blank
OQ3181007097P		702								
OQ3221007097P		716								
OQ3191007097P		732								
OQ3231007097P		747								
OQ1571007097P		811								
OQ6151007097P		839								
OQ3951007097P		901								
OQ6251007097P		937								

Temperature of samples upon receipt (if requested)

7 **Turnaround Time Requested** (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: _____ E-mail: _____

8 **Data Package Options** (please check if required)
☐ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A ☐ NY ASP B
SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☐ No
(If yes, indicate QC sample and submit triplicate volume.)

9

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	7/27/10	1300			
			[signature]	7/28/10	900

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Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1217626 Sample #: 6119904-28

COC # 00172

Please print. Instructions on reverse side correspond with circled numbers.

1 Client: IBM Acct. #: 6911
Project Name/#: Owego 4th Qtr GW
Project Name/# (cont.) 93004.39
Sampler: T Ronis Project State: NY
P.O.#: CAR93004.29 IBM PM: K. Whalen
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M
☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
OU: 4th Qtr Owego GW (Endicott Non-Routine only)

For Lab Use Only
FSC: _____
SCR #: _____

Preservation Codes: H=HCl T=Thiosulfate N=HNO_3 B=NaOH S=H_2SO_4 O=Other

2 Sample Identification	Date Collected	Time Collected	3 Grab	Composite	Matrix: Soil	Water	Other (Potable / NPDES)	4 Total # of Containers	5 Analyses Requested / Preservation Codes: H	Remarks/SSOW
OTB1010JOJRK	10/20/10	1810	X			GW		3	X	Trip Blank
OQ6231010P		1628								
OQ1831010P		1644								
OEQ1010JOWL1D		1701								Equip. Blank
OQ3281010P		1717								
OQ3871010P		1734								
OQ1651010P		1748								
OQ3731010P	10/21/10	808								
OQ3621010P		548								
OQ3631010P		904								

Temperature of samples upon receipt (if requested)

7 **Turnaround Time Requested** (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: _____ E-mail: _____

8 **Data Package Options** (please check if required)
☐ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A ☐ NY ASP B
SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☒ No
(If yes, indicate QC sample and submit triplicate volume.)

9

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	10/21/10	1800			
			[signature]	10/22/10	850

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IBM Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1217626 Sample #: 6119904-28

COC # 00173

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: IBM Acct. #: 06911
Project Name/#: Owego 4th Qt GW.
Project Name/# (cont.) 93004.30
Sampler: J Konis Project State: NY
P.O.#: CAR93004.29 IBM PM: K. Whalen
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M ☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
or: 4th Qt Owego GW. (Endicott Non-Routine only)

(4) Matrix: ☐ Potable ☐ NPDES Check if Applicable

(5) Analyses Requested — Preservation Codes: H — 8260B Plus Freon 113/123a

For Lab Use Only
FSC: ______
SCR #: ______

Preservation Codes: H=HCl (circled) T=Thiosulfate N=HNO₃ B=NaOH S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

(2) Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	8260B Plus Freon 113/123a	Remarks/SSOW
00306 1010	10/21/10	947	X			GW		3	X	
00374 1010P	↓	1002	↓			↓		↓	↓	
OEQ101021WL1D		1047								Equip. Blank
00P8 1010P		1118								
00P11 1010P		1136								
00619 1010 P		1154								
00331 1010 P		1258								
00308 1010P		1317								
00133 1010P		1348								
00309 1010P		1409								

Page 1/3

(7) **Turnaround Time Requested** (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: ______ E-mail: ______

(8) **Data Package Options** (please check if required)
☐ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A
☐ NY ASP B
SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☒ No
(If yes, indicate QC sample and submit triplicate volume.)

*NYSDEC B

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	10/21/10	1800			
Relinquished by:					
Relinquished by:					
Relinquished by:			[signature]	10/22/10	850

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IBM Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1217626 Sample #: 6119904-28

COC # 00174

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: IBM Acct. #: 06911
Project Name/#: Owego 4th Qt. GW
Project Name/# (cont.) 93004.30
Sampler: J Konis Project State: NY
P.O.#: CAR93004.29 IBM PM: K. Whalen
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M ☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
or: 4th Qt Owego GW (Endicott Non-Routine only)

(4) Matrix: ☐ Potable ☐ NPDES Check if Applicable

(5) Analyses Requested — Preservation Codes: H — 8260B Plus Freon 113/123a

For Lab Use Only
FSC: ______
SCR #: ______

Preservation Codes: H=HCl (circled) T=Thiosulfate N=HNO₃ B=NaOH S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

(2) Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	8260B Plus Freon 113/123a	Remarks/SSOW
00313 1010P	10/21/10	1431	X			GW		3	X	Sample 00148101 0P was received at the lab on 10/23/10, and it was entered in group 1217765. NM 10/27/10
00621 1010 P	↓	1450	↓			↓		↓	↓	
00622 1010 P		1507								
00181 1010P		1544								
~~00148 1010 P~~		~~1617~~								

Page 3/3

(7) **Turnaround Time Requested** (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: ______ E-mail: ______

(8) **Data Package Options** (please check if required)
☐ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A
☐ NY ASP B
SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☒ No
(If yes, indicate QC sample and submit triplicate volume.)

*NYSDEC B

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	10/21/10	1800			
Relinquished by:					
Relinquished by:					
Relinquished by:			[signature]	10/22/10	850

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Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1217627 Sample #: 6119929-45

COC # 00170

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: IBM Acct. #: 06911
Project Name/#: Owego 4th Qt GW
Project Name/# (cont.): 93004.30
Sampler: J Toris Project State: NY
P.O.#: CA 93004.30 29 IBM PM: K. Whalen
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M ☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
OU: 4th Qt Owego GW (Endicott Non-Routine only)

For Lab Use Only
FSC: ______
SCR #: ______

(5) Analyses Requested: 8260B plus Freon 113/123a
Preservation Codes: H

(6) Preservation Codes: H=HCl (circled) T=Thiosulfate N=HNO_3 B=NaOH S=H_2SO_4 O=Other
Temperature of samples upon receipt (if requested)

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Soil	Water	Other	(4) Total # of Containers	8260B plus Freon 113/123a	Remarks/SSOW
OTB101020JAR	10/20/10	630	X			GW		3	X	Trip Blank
00404 1010	↓	647	↓			↓		↓	↓	
00405 1010		656								
OEJET 101020		724								
OS001 101020		738								
00393 1010		834								
00186 1010		921								
00185 1010		1012								
00194 1010		1131								
00357 1010	↓	1302	↓			↓		↓	↓	

Page 1 of 2

(7) **Turnaround Time Requested** (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: ______ E-mail: ______

(8) **Data Package Options** (please check if required)
☐ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A
☐ NY ASP B
SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☒ No
(If yes, indicate QC sample and submit triplicate volume.)

* NYSDEC B

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	10/21/10	600			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	10/22/10	850

(9)

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Lancaster Laboratories

For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1217627 Sample #: 6119929-45

COC # 00171

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: IBM Acct. #: 06911
Project Name/#: Owego 4th Qt. GW.
Project Name/# (cont.): 93004.30
Sampler: J Toris Project State: NY
P.O.#: CA R 93004.29 IBM PM: K. Whalen
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M ☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
OU: 4th Qt Owego GW (Endicott Non-Routine only)

For Lab Use Only
FSC: ______
SCR #: ______

(5) Analyses Requested: 8260B plus Freon 113/123a
Preservation Codes: H

(6) Preservation Codes: H=HCl (circled) T=Thiosulfate N=HNO_3 B=NaOH S=H_2SO_4 O=Other
Temperature of samples upon receipt (if requested)

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Soil	Water	Other	(4) Total # of Containers	8260B plus Freon 113/123a	Remarks/SSOW
00352 1010	10/20/10	1346	X			GW		3	X	
00625 1010P	↓	1423	↓			↓		↓	↓	
00626 1010P		1436								
00149 1010P		1502								
00120 1010P		1518								
00355 1010P		1556								
00356 1010P	↓	1611	↓			↓		↓	↓	

Page 2 of 2

(7) **Turnaround Time Requested** (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: ______ E-mail: ______

(8) **Data Package Options** (please check if required)
☒ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A
☐ NY ASP B
SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☒ No
(If yes, indicate QC sample and submit triplicate volume.)

* NYSDEC B

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	10/21/10	600			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	10/22/10	850

(9)

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Acct. #: 6911 Group #: 1217765 Sample #: 6121019-28

COC # 00451

Please print. Instructions on reverse side correspond with circled numbers.

For Lab Use Only
FSC:
SCR #: 95700

(1) Client: IBM Acct. #: Ø6911
Project Name/#: Owego 4th Qt Gw
Project Name/# (cont.) 93004, 3Ø
Sampler: J Ronis Project State: NY
P.O.#: CAR93004.39 IBM PM: K Whelan
Check one: ☒ Routine Lab GW ❑ Routine GTF O&M ❑ Non-Routine Investigation ❑ Non-Routine Upgrades/Installs
OU: Owego 4th Qt Gw (Endicott Non-Routine only)

(5) Analyses Requested: 8260B Plus Freon 113/123a
Preservation Codes: H (HCl)

Preservation Codes: H=HCl T=Thiosulfate N=HNO_3 B=NaOH S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

(2) Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	8260B Plus Freon 113/123a	Remarks/SSOW
OTB101021JAR	~~10/21/10~~ 10/22/10 NLM 10/25/10	1600	X			Gw		3	X	Trip Blank
OEQ101022WLID	↓	633	↓			↓		↓	↓	Equip. Blank
0Ø534101ØP	↓	727	↓			↓		↓	↓	
0Ø529101ØP	↓	748	↓			↓		↓	↓	The COC was updated
0Ø522101ØP	↓	804	↓			↓		↓	↓	per JR.
0Ø4151010	↓	838	↓			↓		↓	↓	NLM 10/25/10
0Ø4141010	↓	857	↓			↓		↓	↓	
0Ø4121010	↓	916	↓			↓		↓	↓	
0Ø4131010	↓	933	↓			↓		↓	↓	
0Ø14810ØP	10/22/10	16:17	NLM 10/25/10			X		3	X	

(7) **Turnaround Time Requested** (TAT) (please check): ☒ Normal ❑ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ❑ Phone ❑ E-mail
Phone #: ______ E-mail: ______

(8) **Data Package Options** (please check if required)
❑ Type I (Validation/NJ Reg) ❑ TX TRRP-13
❑ Type III (Reduced NJ) ❑ MA MCP
❑ Type VI (Raw Data Only) ❑ CT RCP
❑ NY ASP A
❑ NY ASP B
SDG Complete? ❑ Yes ❑ No
Site-specific QC (MS/MSD/Dup)? ❑ Yes ☒ No
(If yes, indicate QC sample and submit triplicate volume.)

*NYSDEC B

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	9/15/10	1005			
[signature]	10/22/10				
			[signature]		
			[signature]	10/23/10	910

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Acct. #: 6911 Group #: 1218504 Sample #: 6125445-64

COC # 00446

Please print. Instructions on reverse side correspond with circled numbers.

For Lab Use Only
FSC:
SCR #: 95420

(1) Client: IBM Acct. #: Ø6911
Project Name/#: Owego 4th Qt Gw
Project Name/# (cont.) 93004, 3Ø
Sampler: J Ronis Project State: NY
P.O.#: CAR93004.39 IBM PM: K. Whelan
Check one: ☒ Routine Lab GW ❑ Routine GTF O&M ❑ Non-Routine Investigation ❑ Non-Routine Upgrades/Installs
OU: 4th Qt Owego Gw (Endicott Non-Routine only)

(5) Analyses Requested: 8260B Plus Freon 113/123a
Preservation Codes: H

Preservation Codes: H=HCl T=Thiosulfate N=HNO_3 B=NaOH S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

(2) Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	8260B Plus Freon 113/123a	Remarks/SSOW
OTB101025JAR	10/25/10	1600	X			Gw		3	X	Trip Blank
0Ø315101ØP	↓	1620	↓			↓		↓	↓	
OEQ101025WLID	↓	1631	↓			↓		↓	↓	Equip. Blank
0Ø322101ØP	↓	1644	↓			↓		↓	↓	
0Ø319101ØP	↓	1659	↓			↓		↓	↓	
0Ø314101ØP	↓	1716	↓			↓		↓	↓	
0Ø101101ØP	↓	1723	↓			↓		↓	↓	
0Ø323101ØP	↓	1744	↓			↓		↓	↓	
OEQ101026WLID	10/26/10	707	↓			↓		↓	↓	Equip. Blank
0Ø107A101ØP	↓	742	↓			↓		↓	↓	

(7) **Turnaround Time Requested** (TAT) (please check): ☒ Normal ❑ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ❑ Phone ❑ E-mail
Phone #: ______ E-mail: ______

(8) **Data Package Options** (please check if required)
❑ Type I (Validation/NJ Reg) ❑ TX TRRP-13
❑ Type III (Reduced NJ) ❑ MA MCP
❑ Type VI (Raw Data Only) ❑ CT RCP
❑ NY ASP A
❑ NY ASP B
SDG Complete? ❑ Yes ❑ No
Site-specific QC (MS/MSD/Dup)? ❑ Yes ☒ No
(If yes, indicate QC sample and submit triplicate volume.)

* NYSDEC B

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	9-8-10	1130			
[signature]	10/27/10	1300			
			[signature]	10/28/10	856

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For Lancaster Laboratories use only
Acct. #: 6911 Group #: 1218564 Sample #: 6125445-64

COC # 00449

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: IBM Acct. #: 06911
Project Name/#: Owego 4th Qt GW
Project Name/# (cont.): 530024.30
Sampler: J Ronis Project State: NY
P.O.#: CAR9300429 IBM PM: K. Whalen
Check one: ☒ Routine Lab GW ☐ Routine GTF O&M
☐ Non-Routine Investigation ☐ Non-Routine Upgrades/Installs
OU: 4th Qt Owego GW (Endicott Non-Routine only)

For Lab Use Only
FSC:
SCR #:

Preservation Codes: **H=HCl** (circled) T=Thiosulfate N=HNO_3 B=NaOH S=H_2SO_4 O=Other

(5) Analyses Requested / Preservation Codes: H — 8260B Plus 1 Freon 113/123

(6) Temperature of samples upon receipt (if requested)

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Soil	Water (☐ Potable ☐ NPDES)	Other	(4) Total # of Containers	8260B Plus 1 Freon 113/123 (H)	Remarks/SSOW
00106010P	10/26/10	801	X			GW		3	X	
00399 1010P	↓	817	↓			↓		↓	↓	
00623 1010P	↓	852	↓			↓		↓	↓	
00624 1010P	↓	907	↓			↓		↓	↓	
00627 1010P	↓	924	↓			↓		↓	↓	
00628 1010P	↓	937	↓			↓		↓	↓	
00614 1010P	↓	959	↓			↓		↓	↓	
00179 1010P	↓	1004	↓			↓		↓	↓	
00167 1010P	↓	1048	↓			↓		↓	↓	
00166 1010P	↓	1103	↓			↓		↓	↓	

(7) **Turnaround Time Requested** (TAT) (please check): ☒ Normal ☐ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: 10 Days
Rush results requested by (please check): ☐ Phone ☐ E-mail
Phone #: ________ E-mail: ________

(8) **Data Package Options** (please check if required)
☒ Type I (Validation/NJ Reg) ☐ TX TRRP-13
☐ Type III (Reduced NJ) ☐ MA MCP
☐ Type VI (Raw Data Only) ☐ CT RCP
☐ NY ASP A
☐ NY ASP B

SDG Complete? ☐ Yes ☐ No
Site-specific QC (MS/MSD/Dup)? ☐ Yes ☒ No
(If yes, indicate QC sample and submit triplicate volume.)

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	10/27/10	1300			
			Gary [signature]	10/28/10	850

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APPENDIX F

GROUNDWATER ANALYTICAL CHEMISTRY DATA FOR EXTRACTION AND MONITORING WELLS
January 1, 2010 – December 31, 2010

Groundwater Analytical Chemistry Data
6 NYCRR Part 373 Permit No. 7-4930-00095/00005, Owego, New York
January 1, 2010 - December 31, 2010

Sample Location			101		101		106		106		106		106
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		04/07/2010		10/25/2010		01/25/2010		04/06/2010		07/14/2010		10/26/2010	
Laboratory Sample I.D.		5950484		6125451		5893213		5946757		6034208		6125455	
Sample Comment Codes					P						P		P
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.03		7.4		7.74		7.63		7.76		7.6	
SPECIFIC CONDUCTANCE	umhos/cm	366		416		330		355		364		367	
TEMPERATURE	C	12.5		10.2		6.9		7.9		16.2		13.3	
TURBIDITY	NTU	11.2		0.8		325		467		1.32		0.45	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	4.1		5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHENE	ug/l	0.6		0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	0.4	J	0.3	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	6.4		65		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	77		0.2	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	0.1	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

Groundwater Analytical Chemistry Data
6 NYCRR Part 373 Permit No. 7-4930-00095/00005, Owego, New York
January 1, 2010 - December 31, 2010

Sample Location			107A		107A		107A		107A		110		110
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		01/20/2010		04/06/2010		07/06/2010		10/26/2010		01/19/2010		07/14/2010	
Laboratory Sample I.D.		5889933		5946756		6028233		6125454		5889916		6034203	
Sample Comment Codes									P				P
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.01		7.86		6.73		7.4		6.15		6.99	
SPECIFIC CONDUCTANCE	umhos/cm	315		3302		331		319		4323		4117	
TEMPERATURE	C	9.8		10.2		14		11.5		11.4		16.8	
TURBIDITY	NTU	5.39		7.35		79.4		0.58		>1000		1.9	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

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Sample Location			120		120		124		124		125		125
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		04/05/2010		10/20/2010		01/21/2010		07/07/2010		01/20/2010		07/07/2010	
Laboratory Sample I.D.		5946744		6119943		5890692		6028245		5889929		6028246	
Sample Comment Codes					P								
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.9		7		6.51		6.43		7.16		7.31	
SPECIFIC CONDUCTANCE	umhos/cm	1225		1752		721		1245		54800		11460	
TEMPERATURE	C	12.9		12.7		11.8		12.1		12.8		14	
TURBIDITY	NTU	170		0.89		111		89.3		>1000		592	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	20		5.2		0.2	J	0.7		0.8		2.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	1.3		2.6		ND@0.5		ND@0.5		1.8		6.3	
1,1-DICHLOROETHENE	ug/l	0.8		0.5		ND@0.5		ND@0.5		0.3	J	1	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.2	J
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.1	J	ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.5	J	1.1	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.1	J	0.3	J
TRICHLOROETHENE	ug/l	1.3		1		0.7		0.4	J	2.8		7.6	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.1	J

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Sample Location			127		127		128		129		129		132
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		01/20/2010		07/06/2010		07/14/2010		01/19/2010		07/14/2010		07/14/2010	
Laboratory Sample I.D.		5889932		6028244		6034209		5889921		6034206		6034205	
Sample Comment Codes							P				P		P
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.77		6.53		6.48		6.86		9.99		7.4	
SPECIFIC CONDUCTANCE	umhos/cm	2087		4346		12320		49460		1202		742	
TEMPERATURE	C	9.8		16.2		17.3		5.3		20.4		17.1	
TURBIDITY	NTU	101		448		3.18		229		14.4		4.27	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	22		23		180		ND@0.5		0.2	J	ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		9.9		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		7.9		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	2.9		2.1		180		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHENE	ug/l	2.4		2.4		330		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		2.4	J	ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		0.1	J	ND@5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	1		0.7		740		ND@0.5		ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	0.2	J	0.2	J	ND@5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	59		47		52		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		4.4	J	ND@0.5		ND@0.5		ND@0.5	

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Sample Location			133		133		134		134		140R		146
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		04/05/2010		10/21/2010		01/20/2010		07/06/2010		07/15/2010		01/20/2010	
Laboratory Sample I.D.		5946742		6119922		5889934		6028232		6035003		5890689	
Sample Comment Codes					P								
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.15		6.9		7.51		7.3		NA		6.91	
SPECIFIC CONDUCTANCE	umhos/cm	8160		7840		363		384		NA		2522	
TEMPERATURE	C	16.5		12		16.2		19.1		NA		8.6	
TURBIDITY	NTU	5.61		0.51		114		47.5		NA		64	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	140		150		ND@0.5		ND@0.5		54		0.9	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	6.2		3.5		1.2		1		5.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	72		130		ND@0.5		0.2	J	99		1.5	
1,1-DICHLOROETHENE	ug/l	16		18		ND@0.5		ND@0.5		9.2		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	1.2		1.6		ND@0.5		ND@0.5		1.4		ND@0.5	
1,2-DICHLOROETHANE	ug/l	0.3	J	0.5	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	0.2	J	0.3	J	ND@0.5		ND@0.5		0.9		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	0.1	J	0.1	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	0.1	J	0.1	J	ND@0.5		ND@0.5		2.3		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	3		2.3		ND@0.5		ND@0.5		6.9		ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.9		ND@0.5	

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Sample Location			146		148		148		149		149		157
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		07/06/2010		04/05/2010		10/22/2010		04/05/2010		10/20/2010		01/20/2010	
Laboratory Sample I.D.		6028243		5946743		6121028		5946745		6119942		5890688	
Sample Comment Codes							P				P		
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.72		6.78		6.7		7.45		7.2		6.96	
SPECIFIC CONDUCTANCE	umhos/cm	2553		957		823		698		695		1239	
TEMPERATURE	C	11.2		13.4		12.5		11.1		12.5		7.3	
TURBIDITY	NTU	40.5		32		0.5		76.9		2.32		>1000	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	0.9		230		210		11		10		0.3	J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		3.4		3.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		1.1		1.3		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	1.7		2.3		2.5		25		32		ND@0.5	
1,1-DICHLOROETHENE	ug/l	ND@0.5		16		19		7.8		10		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		0.2	J	0.2	J	0.2	J	0.2	J	ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.2	J	ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		0.2	J	0.2	J	ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		0.8		0.8		22		27		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	ND@0.5		2.8		3.2		26		31		0.3	J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		0.2	J	0.3	J	ND@0.5	

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Sample Location			157		158		160		160		162		162
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		07/06/2010		10/27/2010		04/08/2010		10/26/2010		04/08/2010		10/27/2010	
Laboratory Sample I.D.		6028241		6125482		5950491		6125480		5950493		6125484	
Sample Comment Codes					P				P				P
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.65		7		7.51		7.4		7.72		7.3	
SPECIFIC CONDUCTANCE	umhos/cm	1865		1032		636		596		525		507	
TEMPERATURE	C	11.7		12.4		10.4		13.2		10.4		14.8	
TURBIDITY	NTU	30.3		0.6		3.09		0.48		10.2		0.87	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	0.8		0.1	J	59		86		20		15	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@1		ND@1		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@1		ND@1		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	0.2	J	ND@0.5		4		6.4		2		0.9	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		17		21		5.1		3.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@1		ND@1		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@1		ND@1		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@1		ND@1		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@1		ND@1		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		26		38		7.2		6.2	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@1		ND@1		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		2.1		ND@1		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		0.5	J	0.3	J	0.3	J	0.3	J
TRICHLOROETHENE	ug/l	0.6		ND@0.5		280		320		92		86	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@1		ND@1		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@1		ND@1		ND@0.5		ND@0.5	

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Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		10/27/2010		04/08/2010		10/20/2010		04/08/2010		10/26/2010		04/08/2010	
Laboratory Sample I.D.		6125485		5950494		6119910		5950495		6125464		5950497	
Sample Comment Codes			P				P				P		
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.8		7.78		7.2		7.47		7.2		7.42	
SPECIFIC CONDUCTANCE	umhos/cm	510		506		516		1117		934		278	
TEMPERATURE	C	17.5		8.1		11.8		12.5		12.5		9.5	
TURBIDITY	NTU	0.35		39.8		0.46		13.3		0.38		179	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		52		22		0.9		0.3	J	ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@2.5		0.3	J	1.7		0.8		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@2.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		3.8		25		1.2		2.1		ND@0.5	
1,1-DICHLOROETHENE	ug/l	ND@0.5		13		15		0.2	J	0.2	J	ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@2.5		0.2	J	0.7		1.9		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@2.5		0.1	J	ND@0.5		0.1	J	ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@2.5		0.2	J	ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@2.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		19		48		0.9		7.7		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@2.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		3.8		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@2.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	ND@0.5		210		78		8.5		2.5		4.1	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@2.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@2.5		0.2	J	ND@0.5		0.1	J	ND@0.5	

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Sample Location			167		178		178		179		179		181
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		10/26/2010		04/07/2010		10/26/2010		04/06/2010		10/26/2010		10/21/2010	
Laboratory Sample I.D.		6125463		5950475		6125471		5946760		6125462		6119927	
Sample Comment Codes			P				P				P		P
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.6		6.89		6.3		7.56		7.4		6.9	
SPECIFIC CONDUCTANCE	umhos/cm	289		2138		2204		416		472		811	
TEMPERATURE	C	13.8		10.4		14		7.7		13.4		10.6	
TURBIDITY	NTU	0.47		14.2		0.48		3.68		0.37		0.45	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		38		35		19		28		7	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		0.7		0.7		1.3		7.1		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		13		16		2.1		4.3		1.1	
1,1-DICHLOROETHENE	ug/l	ND@0.5		3.5		4.1		6.9		9.8		0.3	J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		0.2	J	ND@0.5		0.5	J	ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.1	J	ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		0.4	J	0.4	J	ND@0.5		0.3	J	ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		7		7.3		12		19		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		0.6		0.5		0.2	J	0.2	J	ND@0.5	
TRICHLOROETHENE	ug/l	5.4		110		100		93		110		1.2	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

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Sample Location			183		183		185		185		186		186
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		04/06/2010		10/20/2010		04/07/2010		10/20/2010		04/07/2010		10/20/2010	
Laboratory Sample I.D.		46747		6119906		5950476		6119936		5950477		6119935	
Sample Comment Codes					P								
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.04		6.9		7.31		7.2		7.54		7.5	
SPECIFIC CONDUCTANCE	umhos/cm	1020		841		1079		956		1010		966	
TEMPERATURE	C	14.7		13		11.6		10.4		11.7		10.4	
TURBIDITY	NTU	15.1		0.83		3.42		1.44		88.5		52.9	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	6.8		13		3		2.8		3.8		2.4	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1		ND@1		2.6		3		25		9	
1,1,2-TRICHLOROETHANE	ug/l	ND@1		ND@1		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	0.3	J	0.8	J	0.5	J	0.6		1.8		1.8	
1,1-DICHLOROETHENE	ug/l	ND@1		0.5	J	0.2	J	0.3	J	ND@0.5		0.4	J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1		ND@1		0.3	J	0.3	J	1.6		1.1	
1,2-DICHLOROETHANE	ug/l	ND@1		ND@1		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@1		ND@1		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	1.1		1.1		0.2	J	0.2	J	0.2	J	ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	1.2		2.6		2.2		2.2		6.1		5.7	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@1		ND@1		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@1		ND@1		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@1		ND@1		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	100		230		27		37		38		28	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@1		ND@1		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@1		ND@1		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

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Sample Location			194		194		306		308		308		309
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		04/07/2010		10/20/2010		10/21/2010		04/05/2010		10/21/2010		04/05/2010	
Laboratory Sample I.D.		5950486		6119937		6119914		5946737		6119921		5946738	
Sample Comment Codes											P		
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.2		7.8		6.3		7.08		6.3		6.58	
SPECIFIC CONDUCTANCE	umhos/cm	871		891		2197		2243		2115		4885	
TEMPERATURE	C	13.2		11.4		11.1		10.7		11.3		11.8	
TURBIDITY	NTU	562		20.4		1.32		24.5		0.68		198	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	6.1		2.5		0.2	J	90		180		1.7	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		2		2.3		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	12		19		0.1	J	40		91		ND@0.5	
1,1-DICHLOROETHENE	ug/l	1.6		3.7		ND@0.5		6.1		15		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		0.6		1		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		0.1	J	0.3	J	ND@0.5	
CHLOROETHANE	ug/l	1.2		0.3	J	ND@0.5		0.2	J	0.4	J	ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.2	J	ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.2	J	ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		0.3	J	0.4	J	5.2	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		0.1	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5	

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Sample Location			309		313		314		316		316		317
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		10/21/2010		10/21/2010		10/25/2010		04/08/2010		10/26/2010		04/08/2010	
Laboratory Sample I.D.		6119923		6119924		6125450		5950496		6125469		5950490	
Sample Comment Codes			P		P		P				P		
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.2		7.5		7.3		7.97		7.9		7.65	
SPECIFIC CONDUCTANCE	umhos/cm	5800		1110		479		433		423		631	
TEMPERATURE	C	11		10.3		10.8		10.8		11.7		9.5	
TURBIDITY	NTU	0.4		0.51		0.59		15		0.39		3.59	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	3.1		0.8		0.1	J	ND@0.5		ND@0.5		30	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.2	J
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		2.5		0.2	J	ND@0.5		ND@0.5		1.9	
1,1-DICHLOROETHENE	ug/l	ND@0.5		0.6		ND@0.5		ND@0.5		ND@0.5		8.3	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	0.1	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		0.4	J	ND@0.5		ND@0.5		12	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.3	J
TRICHLOROETHENE	ug/l	10		1.7		ND@0.5		ND@0.5		ND@0.5		120	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

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Sample Location			317		318		318		318		318		319
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		10/26/2010		01/20/2010		04/06/2010		07/06/2010		10/25/2010		01/20/2010	
Laboratory Sample I.D.		6125479		5889935		5946749		6028240		6125446		5889937	
Sample Comment Codes			P								P		
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.1		7.36		7.67		7.29		7.2		7.44	
SPECIFIC CONDUCTANCE	umhos/cm	490		480		501		462		470		376	
TEMPERATURE	C	15.1		9.3		12		11.1		12		9.4	
TURBIDITY	NTU	0.77		41.5		54.9		23.7		0.74		16.5	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	30		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	0.3	J	5		3.9		6.3		4.6		2.7	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	2.4		3.5		3.1		3.4		3.4		3.9	
1,1-DICHLOROETHENE	ug/l	8.3		0.7		0.7		0.8		0.7		0.7	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		12		9.1		12		12		3	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		0.1	J	ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	13		63		53		73		56		8.7	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	0.3	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	120		6.1		5.8		6		5.9		3.2	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		0.3	J	0.2	J	0.3	J	0.3	J	0.2	J

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Sample Location			319		319		319		321		321		322
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		04/07/2010		07/07/2010		10/25/2010		04/05/2010		10/21/2010		02/01/2010	
Laboratory Sample I.D.		5950482		6028249		6125449		5946736		6119920		5900087	
Sample Comment Codes							P				P		
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.57		7.49		7.3		6.89		6.6		7.37	
SPECIFIC CONDUCTANCE	umhos/cm	370		372		343		1192		866		340	
TEMPERATURE	C	11.9		10.6		11.3		11.2		10.6		9.1	
TURBIDITY	NTU	12.3		8.5		0.46		166		0.65		19.7	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		1.7		2		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	2.7		2.5		1.6		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	3.6		3.4		3.3		0.7		0.9		ND@0.5	
1,1-DICHLOROETHENE	ug/l	0.7		0.8		0.6		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	2.5		2.7		2.9		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		0.1	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	9.4		8.7		9.4		ND@0.5		ND@0.5		0.6	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	3.5		3.4		4.1		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		0.1	J	0.1	J	ND@0.5		ND@0.5		ND@0.5	

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Sample Location			322		322		322		323		323		323
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		04/07/2010		07/07/2010		10/25/2010		01/20/2010		04/07/2010		07/07/2010	
Laboratory Sample I.D.		5950480		6028248		6125448		5889938		5950485		6028250	
Sample Comment Codes							P						
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.35		7.37		7.6		6.8		6.4		6.24	
SPECIFIC CONDUCTANCE	umhos/cm	403		351		383		271		236		267	
TEMPERATURE	C	13		10.7		11		9.5		11.7		9.8	
TURBIDITY	NTU	455		172		0.61		2.82		30.3		5.99	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		0.2	J	0.1	J	ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	1.5		3.4		0.9		3.2		1.7		1.8	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	1.4		3		1.8		0.9		0.5	J	0.5	
1,1-DICHLOROETHENE	ug/l	0.2	J	0.3	J	0.2	J	0.2	J	0.1	J	0.1	J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	2.7		5.9		3.8		3.5		1.3		1.9	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		0.2	J	0.2	J	0.1	J
CIS-1,2-DICHLOROETHENE	ug/l	7.6		11		6.4		1.7		1		0.8	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	0.1	J	0.3	J	0.1	J	23		20		24	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	0.2	J	0.5		0.4	J	0.2	J	ND@0.5		ND@0.5	

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Sample Location			323		324		324		325		325		351
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		10/25/2010		01/25/2010		07/15/2010		01/25/2010		07/15/2010		04/07/2010	
Laboratory Sample I.D.		6125452		5893215		6035005		5893216		6035006		5950481	
Sample Comment Codes			P				P				P		
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.2		6.11		5.95		5.42		5.3		7.35	
SPECIFIC CONDUCTANCE	umhos/cm	246		6130		6930		5720		6380		490	
TEMPERATURE	C	10.6		11.9		14.8		11.8		14.1		11.9	
TURBIDITY	NTU	1.03		97.1		0.94		194		1.06		>1000	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		200		260		130		130		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	0.9		5.9		16		3.4		4.2		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		1.4	J	1.3	J	1.2	J	0.9	J	ND@0.5	
1,1-DICHLOROETHANE	ug/l	0.4	J	81		200		62		59		0.1	J
1,1-DICHLOROETHENE	ug/l	ND@0.5		88		120		58		70		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	1.5		ND@2.5		3.1		ND@2.5		ND@2.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		0.5	J	0.6	J	0.5	J	0.5	J	ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		0.6	J	1.1	J	0.6	J	1	J	ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		0.5	J	0.5	J	ND@2.5		ND@2.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	0.7		40		44		35		33		0.1	J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@2.5		ND@2.5		ND@2.5		ND@2.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		1.9	J	2.5		2.4	J	2.8		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		1.3	J	1.3	J	5.5		4.6		ND@0.5	
TRICHLOROETHENE	ug/l	10		480		500		360		320		ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@2.5		ND@2.5		ND@2.5		ND@2.5		ND@0.5	
VINYL CHLORIDE	ug/l	0.3	J	3.4		5.8		2.6		4.3		0.1	J

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Sample Location			351		352		353		354		355		356
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		10/20/2010		10/20/2010		07/14/2010		07/14/2010		10/20/2010		10/20/2010	
Laboratory Sample I.D.		6119938		6119939		6034210		6034211		6119944		6119945	
Sample Comment Codes							P		P		P		P
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.5		7.7		7.07		6.94		8		7.8	
SPECIFIC CONDUCTANCE	umhos/cm	515		410		887		604		688		905	
TEMPERATURE	C	10.1		9.7		18.3		18.3		9.9		10.6	
TURBIDITY	NTU	>1000		29.5		1.31		1.22		1.17		0.55	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	0.1	J	ND@0.5		8200		58		ND@0.5		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@10		ND@1		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		6.9	J	ND@1		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	0.1	J	ND@0.5		2200		0.3	J	ND@0.5		ND@0.5	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		2800		4.7		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@10		ND@1		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@10		ND@1		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@10		ND@1		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		2.8	J	ND@1		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	0.1	J	0.1	J	91		ND@1		ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@10		ND@1		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		4.1	J	0.6	J	ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@10		0.9	J	ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	0.2	J	ND@0.5		4300		5.4		ND@0.5		ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@10		ND@1		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	0.1	J	ND@0.5		10		ND@1		ND@0.5		ND@0.5	

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Sample Location			357		357		358		361		362		363
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		01/26/2010		07/15/2010		07/15/2010		07/15/2010		10/21/2010		10/21/2010	
Laboratory Sample I.D.		5893222		6034232		6034233		6034243		6119912		6119913	
Sample Comment Codes					P		P		P		P		P
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.28		7.19		6.63		6.47		7.6		6.1	
SPECIFIC CONDUCTANCE	umhos/cm	1932		1932		3355		2608		1056		5060	
TEMPERATURE	C	11.1		13		12.8		12.9		11.5		12.7	
TURBIDITY	NTU	65.9		2.23		2.35		6.12		0.37		0.47	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		0.7		9		0.6		ND@0.5		1.3	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		0.2	J	ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	0.7		4.3		22		2.2		ND@0.5		0.7	
1,1-DICHLOROETHENE	ug/l	ND@0.5		0.2	J	7.2		0.3	J	ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		1.3		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		2.6		0.2	J	ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	ND@0.5		ND@0.5		12		0.5	J	ND@0.5		0.2	J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		0.3	J	0.6		ND@0.5		ND@0.5		ND@0.5	

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Sample Location			364		365		366		367		367		368
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		07/06/2010		07/15/2010		07/14/2010		01/26/2010		07/14/2010		01/26/2010	
Laboratory Sample I.D.		6028234		6034238		6034213		5893219		6034215		5893220	
Sample Comment Codes					P		P				P		
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.14		6.26		6.45		6.24		6.1		6.8	
SPECIFIC CONDUCTANCE	umhos/cm	1917		1935		2155		1665		1773		3284	
TEMPERATURE	C	12.9		14.2		16.7		12.1		15.6		12.1	
TURBIDITY	NTU	42.9		1.2		2.22		54.4		2.3		27.4	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		12		73		52		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		0.4	J	2.8		0.9		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		6		7.5		3.7		12	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		2.9		15		8.4		1	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		0.9		1.1		0.4	J	0.4	J
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.4	J
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		0.2	J	0.5	J	0.2	J	ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		2		2		0.9		8.8	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	ND@0.5		0.7		7.6		4.4		1.8		0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		0.5	J	0.3	J	2.5	

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Sample Location			368		373		373		374		374		378
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		07/14/2010		04/05/2010		10/21/2010		04/05/2010		10/21/2010		01/21/2010	
Laboratory Sample I.D.		6034216		5946740		6119911		5946741		6119915		5890690	
Sample Comment Codes			P				P				P		
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.56		6.42		6		7.5		7.2		6.69	
SPECIFIC CONDUCTANCE	umhos/cm	3495		977		1245		616		660		1994	
TEMPERATURE	C	14.6		13.4		11		12.8		13.3		12.1	
TURBIDITY	NTU	1.55		283		0.37		117		0.38		4.4	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		3.4		5.1		ND@0.5		0.1	J	330	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		36	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@2.5	
1,1-DICHLOROETHANE	ug/l	9.4		0.3	J	0.7		ND@0.5		ND@0.5		460	
1,1-DICHLOROETHENE	ug/l	0.2	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5		30	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	0.4	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5		8.6	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@2.5	
CHLOROETHANE	ug/l	1.1		ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.7	J
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@2.5	
CIS-1,2-DICHLOROETHENE	ug/l	1.9		ND@0.5		ND@0.5		ND@0.5		ND@0.5		32	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@2.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@2.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@2.5	
TRICHLOROETHENE	ug/l	0.2	J	ND@0.5		0.1	J	ND@0.5		ND@0.5		39	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@2.5	
VINYL CHLORIDE	ug/l	2.6		ND@0.5		ND@0.5		ND@0.5		ND@0.5		6.1	

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Sample Location			378		379		382		383		383		386
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		07/06/2010		07/15/2010		07/14/2010		01/21/2010		07/15/2010		10/20/2010	
Laboratory Sample I.D.		6028235		6034239		6034214		5890700		6034242		6119908	
Sample Comment Codes					P		P				P		P
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.56		6.81		5.97		6.96		6.63		6.3	
SPECIFIC CONDUCTANCE	umhos/cm	2103		1943		3352		3018		3273		781	
TEMPERATURE	C	13		13.2		16.5		7.5		14.6		14.6	
TURBIDITY	NTU	13.7		0.78		1.43		>1000		1.43		0.35	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	510		1.8		0.4	J	2.4		5.2		31	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	57		0.2	J	ND@0.5		ND@0.5		ND@0.5		0.6	
1,1,2-TRICHLOROETHANE	ug/l	ND@2.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	770		5.6		ND@0.5		1		2.6		29	
1,1-DICHLOROETHENE	ug/l	58		0.4	J	ND@0.5		0.3	J	1.2		16	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	14		ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.3	J
1,2-DICHLOROETHANE	ug/l	ND@2.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.2	J
CHLOROETHANE	ug/l	1.1	J	ND@0.5		ND@0.5		ND@0.5		0.4	J	ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@2.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.1	J
CIS-1,2-DICHLOROETHENE	ug/l	54		0.6		ND@0.5		0.3	J	0.4	J	48	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@2.5		ND@0.5		0.2	J	ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@2.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@2.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	66		0.1	J	0.3	J	3.4		3.9		150	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@2.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	9.4		0.1	J	ND@0.5		ND@0.5		ND@0.5		0.5	J

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Sample Location			387		392		392		393		393		393
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		10/20/2010		01/25/2010		07/15/2010		01/21/2010		04/07/2010		07/06/2010	
Laboratory Sample I.D.		6119909		5893218		6035007		5890691		5950474		6028238	
Sample Comment Codes			P				P						
Parameter	**Units**												
Indicator Parameters													
PH	SU	7		7.29		6.14		6.85		6.98		6.95	
SPECIFIC CONDUCTANCE	umhos/cm	424		5660		2328		2215		2305		2342	
TEMPERATURE	C	15.7		9.1		14.6		11.4		12.1		12.5	
TURBIDITY	NTU	0.44		176		0.72		266		162		105	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		39		1000		1000		750	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		1.2		110		99		110	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		0.1	J	ND@5		ND@5		ND@5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		20		1200		1100		1100	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		22		87		86		100	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		0.8		23		18		23	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@5		ND@5		ND@5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		0.2	J	1.8	J	1.1	J	1.6	J
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		0.3	J	ND@5		ND@5		ND@5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		16		98		98		100	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@5		ND@5		ND@5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@5		4.2	J	2	J
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@5		ND@5		ND@5	
TRICHLOROETHENE	ug/l	ND@0.5		0.3	J	93		140		140		150	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@5		ND@5		ND@5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		1.7		17		11		17	

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Sample Location			394		394		395		397		398		398
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		01/25/2010		07/15/2010		07/06/2010		07/14/2010		01/21/2010		07/14/2010	
Laboratory Sample I.D.		5893217		6034248		6028237		6034218		5890697		6034219	
Sample Comment Codes					P				P				P
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.88		6.6		6.83		7.78		6.66		6.73	
SPECIFIC CONDUCTANCE	umhos/cm	2726		3030		2226		557		1386		1381	
TEMPERATURE	C	11.5		13.7		13.1		13		7.8		13.5	
TURBIDITY	NTU	>1000		0.99		345		1.27		>1000		14.6	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		1100		ND@0.5		10		9.1	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		150		ND@0.5		0.4	J	0.3	J
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		1500		ND@0.5		8.7		7.6	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		120		ND@0.5		3.8		4.7	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		29		ND@0.5		0.6		0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		2.2	J	ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		100		ND@0.5		0.9		0.9	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	0.2	J	ND@0.5		180		ND@0.5		7.8		6.8	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		14		ND@0.5		0.4	J	ND@0.5	

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Sample Location			399		399		399		399		404		404
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW EXTR WELL		GW EXTR WELL	
Sample Date		01/25/2010		04/06/2010		07/15/2010		10/26/2010		01/22/2010		04/06/2010	
Laboratory Sample I.D.		5893210		5946752		6034235		6125456		5890708		5946758	
Sample Comment Codes							P		P				
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.15		6.93		6.62		6.9		7.42		7.31	
SPECIFIC CONDUCTANCE	umhos/cm	2219		1497		3187		2439		936		1046	
TEMPERATURE	C	7.2		7.5		15		13.6		9.7		10.3	
TURBIDITY	NTU	567		301		3.36		0.52		0.71		2.07	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		9.1		10	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		86		83	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		5.4		5.9	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		1.5		1.7	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		12		9.8	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.1	J
CHLOROETHANE	ug/l	0.3	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		1.2		1.2	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		0.2	J	ND@0.5		23		19	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.2	J	0.2	J
TRICHLOROETHENE	ug/l	ND@0.5		0.2	J	0.2	J	ND@0.5		190		180	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		0.2	J	ND@0.5		0.4	J	0.3	J

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Sample Location			404		404		405		405		405		405
Sample Description		GW EXTR WELL		GW EXTR WELL		GW EXTR WELL		GW EXTR WELL		GW EXTR WELL		GW EXTR WELL	
Sample Date		07/16/2010		10/20/2010		01/22/2010		04/06/2010		07/16/2010		10/20/2010	
Laboratory Sample I.D.		6035014		6119930		5890709		5946759		6035015		6119931	
Sample Comment Codes													
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.22		7.3		7.09		7.52		7.2		7.2	
SPECIFIC CONDUCTANCE	umhos/cm	1188		1092		661		603		867		669	
TEMPERATURE	C	13.1		10.4		9.6		8.4		11.9		11.7	
TURBIDITY	NTU	1.78		0.42		0.75		3.42		1.68		0.33	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	9		8.8		21		19		24		25	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	41		36		97		60		190		100	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	5.1		5.3		4.9		3.6		6.5		4.8	
1,1-DICHLOROETHENE	ug/l	1.3		1.3		6.1		4.5		7.4		6.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	5.5		5.9		6.1		4.3		12		6.3	
1,2-DICHLOROETHANE	ug/l	0.1	J	0.1	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	0.4	J	0.4	J	0.4	J	0.3	J	0.5		0.3	J
CIS-1,2-DICHLOROETHENE	ug/l	18		17		18		23		19		21	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	0.2	J	0.2	J	0.4	J	0.3	J	0.5		0.4	J
TRICHLOROETHENE	ug/l	160		140		120		92		140		130	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	0.3	J	0.2	J	0.2	J	0.2	J	0.3	J	0.2	J

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Sample Location			412		412		412		412	412, 413, 414		412, 413, 414	
Sample Description		GW EXTR WELL		GW EXTR WELL		GW EXTR WELL		GW EXTR WELL		GW EXTR WELLS		GW EXTR WELLS	
Sample Date		01/22/2010		04/12/2010		07/16/2010		10/22/2010		01/22/2010		04/06/2010	
Laboratory Sample I.D.		5890702		5953542		6035010		6121026		5890706		5950473	
Sample Comment Codes													
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.17		6.98		6.87		6.8		6.53		6.58	
SPECIFIC CONDUCTANCE	umhos/cm	2188		2208		2348		2230		2684		2880	
TEMPERATURE	C	11.2		14.8		18		12.3		11.7		12.8	
TURBIDITY	NTU	46.3		38.2		22.6		38.3		12.6		2.58	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	1100		770		650		540		460		550	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	86		49		46		32		35		40	
1,1,2-TRICHLOROETHANE	ug/l	ND@2.5		ND@10		ND@5		ND@5		ND@5		ND@5	
1,1-DICHLOROETHANE	ug/l	1400		960		870		740		890		870	
1,1-DICHLOROETHENE	ug/l	77		52		55		53		49		54	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	26		16		15		12		14		13	
1,2-DICHLOROETHANE	ug/l	ND@2.5		ND@10		ND@5		ND@5		ND@5		ND@5	
CHLOROETHANE	ug/l	2	J	2.6	J	1.2	J	1.4	J	1.5	J	1.1	J
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@2.5		ND@10		ND@5		ND@5		ND@5		ND@5	
CIS-1,2-DICHLOROETHENE	ug/l	100		73		61		56		52		55	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@2.5		ND@10		ND@5		ND@5		ND@5		ND@5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@2.5		ND@10		ND@5		ND@5		ND@5		3.2	J
TETRACHLOROETHENE	ug/l	ND@2.5		ND@10		ND@5		ND@5		1.1	J	1.3	J
TRICHLOROETHENE	ug/l	130		100		84		92		200		190	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@2.5		ND@10		ND@5		ND@5		ND@5		ND@5	
VINYL CHLORIDE	ug/l	8.4		6.9	J	5.7		2.2	J	4	J	3.1	J

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Sample Location		412, 413, 414		412, 413, 414			413		413		413		413
Sample Description		GW EXTR WELLS		GW EXTR WELLS		GW EXTR WELL		GW EXTR WELL		GW EXTR WELL		GW EXTR WELL	
Sample Date		07/16/2010		10/20/2010		01/22/2010		04/12/2010		07/16/2010		10/22/2010	
Laboratory Sample I.D.		6035008		6119932		5890701		5953541		6035011		6121027	
Sample Comment Codes													
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.5		6.6		6.59		7.05		6.73		6.7	
SPECIFIC CONDUCTANCE	umhos/cm	3111		2624		1816		1374		1604		1279	
TEMPERATURE	C	15.5		11.6		9.6		15.6		16.2		12	
TURBIDITY	NTU	22.4		6.13		276		104		334		440	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	480		450		43		36		27		36	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	39		39		3.7		4.2		2.4		3	
1,1,2-TRICHLOROETHANE	ug/l	ND@5		ND@5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	950		730		96		130		97		140	
1,1-DICHLOROETHENE	ug/l	66		51		11		12		7.9		11	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	15		12		1.8		2.3		2.3		3.4	
1,2-DICHLOROETHANE	ug/l	ND@5		ND@5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	1.9	J	2	J	0.3	J	0.9		2.3		0.9	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	1.3	J	ND@5		0.7		0.6		1.3		0.7	
CIS-1,2-DICHLOROETHENE	ug/l	57		53		6.7		6.5		5.9		6.4	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@5		ND@5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@5		ND@5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	1.2	J	ND@5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	220		150		25		19		24		24	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@5		ND@5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	4.7	J	4	J	0.3	J	1		1.1		0.9	

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Sample Location			414		414		414		414		415		415
Sample Description		GW EXTR WELL		GW EXTR WELL		GW EXTR WELL		GW EXTR WELL		GW EXTR WELL		GW EXTR WELL	
Sample Date		01/22/2010		04/12/2010		07/16/2010		10/22/2010		01/22/2010		04/08/2010	
Laboratory Sample I.D.		5890703		5953543		6035012		6121025		5890707		5950498	
Sample Comment Codes													
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.72		6.72		6.27		6.5		6.83		6.5	
SPECIFIC CONDUCTANCE	umhos/cm	3162		3682		3850		3489		3147		4521	
TEMPERATURE	C	11.6		13.9		18		12.7		15.5		17.9	
TURBIDITY	NTU	219		67.4		154		27		1.59		2.87	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	770		880		940		540		2800		2700	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	97		100		140		47		360		250	
1,1,2-TRICHLOROETHANE	ug/l	ND@5		ND@10		ND@5		1	J	21	J	18	J
1,1-DICHLOROETHANE	ug/l	1500		1800		2000		1100		3300		2700	
1,1-DICHLOROETHENE	ug/l	110		90		130		120		2200		1700	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	30		34		41		23		40	J	25	J
1,2-DICHLOROETHANE	ug/l	ND@5		ND@10		ND@5		ND@5		ND@50		ND@50	
CHLOROETHANE	ug/l	1.8	J	3.7	J	2.4	J	1.4	J	ND@50		ND@50	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@5		ND@10		ND@5		ND@5		ND@50		ND@50	
CIS-1,2-DICHLOROETHENE	ug/l	86		81		91		100		7400		6000	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@5		ND@10		ND@5		ND@5		ND@50		ND@50	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@5		ND@10		ND@5		ND@5		ND@50		50	J
TETRACHLOROETHENE	ug/l	2.1	J	ND@10		2	J	2.7	J	43	J	40	J
TRICHLOROETHENE	ug/l	330		260		290		450		1200		920	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@5		ND@10		ND@5		ND@5		ND@50		ND@50	
VINYL CHLORIDE	ug/l	7.5		10		9.8		3	J	420		280	

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Sample Location			415		415		521		521		522		522
Sample Description		GW EXTR WELL		GW EXTR WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		07/16/2010		10/22/2010		01/20/2010		07/06/2010		01/25/2010		04/06/2010	
Laboratory Sample I.D.		6035013		6121024		5889930		6028239		5893211		5946754	
Sample Comment Codes													
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.61		6.7		7.45		6.97		7.42		7.09	
SPECIFIC CONDUCTANCE	umhos/cm	4345		3978		2086		2270		1919		2079	
TEMPERATURE	C	21		19.2		12		13.1		11.9		10	
TURBIDITY	NTU	54.8		455		29		32.3		31		60.1	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	3000		2500		79		110		28		64	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	330		170		7.9		10		2.5		6.7	
1,1,2-TRICHLOROETHANE	ug/l	17	J	18	J	ND@0.5		ND@1		ND@1		ND@1	
1,1-DICHLOROETHANE	ug/l	2700		1900		320		380		91		170	
1,1-DICHLOROETHENE	ug/l	2000		1400		22		23		4.7		11	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	28	J	ND@50		5.1		5.7		1.3		2.7	
1,2-DICHLOROETHANE	ug/l	ND@50		ND@50		ND@0.5		ND@1		ND@1		ND@1	
CHLOROETHANE	ug/l	ND@50		ND@50		1.9		1.8		0.3	J	0.5	J
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@50		ND@50		ND@0.5		ND@1		ND@1		ND@1	
CIS-1,2-DICHLOROETHENE	ug/l	6000		4800		17		17		5.1		11	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@50		ND@50		ND@0.5		ND@1		ND@1		ND@1	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@50		ND@50		ND@0.5		ND@1		ND@1		ND@1	
TETRACHLOROETHENE	ug/l	47	J	41	J	ND@0.5		ND@1		ND@1		ND@1	
TRICHLOROETHENE	ug/l	1200		1000		1.6		1.9		2.1		4.9	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@50		ND@50		ND@0.5		ND@1		ND@1		ND@1	
VINYL CHLORIDE	ug/l	340		150		7.8		7.5		1		1.4	

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Sample Location			522		522		524		524		529		529
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		07/15/2010		10/22/2010		01/26/2010		07/14/2010		01/19/2010		04/06/2010	
Laboratory Sample I.D.		6034237		6121023		5893224		6034223		5889926		5946753	
Sample Comment Codes			P		P				P				
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.05		7.1		7.26		7.2		7.31		7.14	
SPECIFIC CONDUCTANCE	umhos/cm	2302		2084		2031		2086		785		875	
TEMPERATURE	C	13.3		13.8		11.3		15.1		7.9		8	
TURBIDITY	NTU	0.96		0.52		44.1		0.81		170		161	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	99		67		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	9.8		4.9		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@1		ND@1		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	250		240		ND@0.5		0.2	J	0.1	J	ND@0.5	
1,1-DICHLOROETHENE	ug/l	18		14		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	3.9		3.8		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@1		ND@1		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	0.9	J	0.9	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@1		ND@1		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	14		14		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@1		ND@1		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@1		ND@1		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@1		ND@1		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	4.9		4.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@1		ND@1		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	5.4		3.4		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

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Sample Location			529		529		532		532		532		532
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		07/15/2010		10/22/2010		01/26/2010		04/06/2010		07/14/2010		10/26/2010	
Laboratory Sample I.D.		34236		6121022		5893223		5946748		6034224		6125474	
Sample Comment Codes			P		P						P		P
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.99		6.9		7.16		7.19		7.27		6.9	
SPECIFIC CONDUCTANCE	umhos/cm	1066		1031		1299		2142		2098		2042	
TEMPERATURE	C	16.9		17.2		9.3		11.5		15.4		15.7	
TURBIDITY	NTU	0.88		0.47		824		725		0.65		0.69	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		1.3		1.4		0.1	J	1.4	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	0.2	J	0.5		0.4	J	0.5	J	0.1	J	0.7	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.1	J
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		0.1	J	0.2	J	ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	0.1	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

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Sample Location			534		534		534		534		540		540
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		01/19/2010		04/06/2010		07/15/2010		10/22/2010		04/12/2010		10/26/2010	
Laboratory Sample I.D.		5889925		5946755		6034231		6121021		5953537		6125475	
Sample Comment Codes							P		P				P
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.31		7.27		7.51		7.2		7.37		7.5	
SPECIFIC CONDUCTANCE	umhos/cm	3176		1491		1955		1819		703		772	
TEMPERATURE	C	7.1		8.8		18.7		16.5		12.1		12.1	
TURBIDITY	NTU	>1000		>1000		0.36		1.06		28.5		1.28	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		0.1	J	ND@0.5		0.1	J	ND@0.5		ND@0.5	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	0.2	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		0.2	J	ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		0.1	J	ND@0.5		ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

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Sample Location			541		541		542		542		543		543
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		04/12/2010		10/26/2010		04/12/2010		10/26/2010		04/12/2010		10/26/2010	
Laboratory Sample I.D.		5953539		6125476		5953538		6125477		5953536		6125478	
Sample Comment Codes					P				P				P
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.18		7.1		7.03		7		6.73		6.7	
SPECIFIC CONDUCTANCE	umhos/cm	800		788		875		873		1695		2230	
TEMPERATURE	C	12.6		12.3		12.7		12.3		11.5		12.6	
TURBIDITY	NTU	1.7		1.26		167		1.29		36.1		0.91	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		1.9		1.6	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.4	J	0.3	J
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		3.1		3.2	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		4.1		3.3	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	1		1.8		ND@0.5		ND@0.5		0.8		0.2	J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	0.1	J	ND@0.5		0.9		1.1		ND@0.5		ND@0.5	

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Sample Location			601		601		602		602		603		603
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		01/21/2010		07/14/2010		01/21/2010		07/14/2010		01/21/2010		07/14/2010	
Laboratory Sample I.D.		5890699		6034222		5890695		6034217		5890696		6034220	
Sample Comment Codes					P				P				P
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.47		6.44		7.09		6.46		7.02		6.87	
SPECIFIC CONDUCTANCE	umhos/cm	2538		2675		1230		2513		1479		1370	
TEMPERATURE	C	6.1		16		6.4		15.1		7.8		14.2	
TURBIDITY	NTU	>1000		0.91		32.3		1.04		>1000		1.63	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		1.9		12		0.3	J	0.4	J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		0.4	J	ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	0.2	J	0.2	J	0.8		3.2		0.8		0.5	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		0.3	J	2.4		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		0.3	J	1.5		ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		0.4	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	0.1	J	0.1	J	5.7		19		0.6		0.7	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

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Sample Location			604		604		605		606		606		606
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		01/19/2010		07/15/2010		07/15/2010		01/19/2010		04/07/2010		07/15/2010	
Laboratory Sample I.D.		5889924		6034246		6034247		5889927		5950488		6034240	
Sample Comment Codes					P		P						P
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.43		6.2		6.42		6.68		6.41		6.55	
SPECIFIC CONDUCTANCE	umhos/cm	3144		3841		1265		5110		1662		2501	
TEMPERATURE	C	11.1		15.8		14.4		10.9		14.6		14	
TURBIDITY	NTU	349		1.56		1.69		273		174		0.69	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		14		14		23	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		0.4	J	0.4	J	0.7	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		4.2		2.9		6.6	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		3.9		3.2		10	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		0.2	J	ND@0.5		0.3	J
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.1	J
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		1.5		1.1		2.7	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	ND@0.5		0.2	J	0.3	J	9		8.4		15	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		0.3	J	ND@0.5		0.5	J

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Sample Location			606		607		607		607		607		608
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		10/26/2010		01/19/2010		04/07/2010		07/15/2010		10/26/2010		01/21/2010	
Laboratory Sample I.D.		6125472		5889928		5950489		6034241		6125473		5890698	
Sample Comment Codes			P						P		P		
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.4		7.17		7.06		7.2		6.8		6.68	
SPECIFIC CONDUCTANCE	umhos/cm	2241		1963		1578		1370		1431		1774	
TEMPERATURE	C	14.7		10.7		14.5		13.5		13.8		7	
TURBIDITY	NTU	0.44		44.5		77.2		1.68		0.61		>1000	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	6.2		6.4		4.9		4.3		17		4.9	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		0.2	J	ND@0.5		0.2	J	0.6		0.4	J
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	2.3		3.1		2.3		2.9		7.5		11	
1,1-DICHLOROETHENE	ug/l	2.3		3		2.1		2.1		7.3		2.9	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.4	J	0.7	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.1	J
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	1		1		0.6		0.5	J	2.5		2.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	3.5		13		8.5		7.4		24		17	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	0.3	J	0.2	J	0.1	J	0.3	J	0.5	J	2.3	

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Sample Location			608		609		610		610		611		611
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		07/14/2010		07/15/2010		01/19/2010		07/15/2010		01/19/2010		07/15/2010	
Laboratory Sample I.D.		6034221		6034228		5889917		6034226		5889918		6034227	
Sample Comment Codes			P		P				P				P
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.76		7.28		5.12		5.17		6.41		6.74	
SPECIFIC CONDUCTANCE	umhos/cm	2015		2294		11610		11170		18680		17520	
TEMPERATURE	C	15		15.9		13.1		17.4		11.9		18	
TURBIDITY	NTU	1.71		0.4		25.9		0.59		38		0.63	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	1.1		3700		180		210		0.6		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	0.2	J	480		7.7		12		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@2.5		2.4	J	2.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	6.5		2900		89		99		2.3		1.1	
1,1-DICHLOROETHENE	ug/l	1.8		160		91		120		0.3	J	ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	0.4	J	60		ND@2.5		1.2		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		1.3	J	0.8	J	0.9	J	ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	0.1	J	2.2	J	ND@2.5		0.3	J	ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@2.5		0.7	J	0.8	J	ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	2.4		120		71		72		0.7		0.3	J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@2.5		ND@2.5		ND@1		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@2.5		2.9		3.4		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@2.5		17		19		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	7.3		180		260		280		1.6		0.2	J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@2.5		ND@2.5		ND@1		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	2		13		ND@2.5		0.7	J	0.1	J	0.4	J

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Sample Location			612		612		613		613		614		615
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		01/19/2010		07/15/2010		01/19/2010		07/15/2010		10/26/2010		07/06/2010	
Laboratory Sample I.D.		5889919		6034229		5889920		6034230		6125461		6028242	
Sample Comment Codes					P				P		P		
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.24		5.71		5.52		5.39		7.4		6.97	
SPECIFIC CONDUCTANCE	umhos/cm	6440		7700		8820		8550		581		1802	
TEMPERATURE	C	12.2		16.9		12.7		16.6		11.3		10.5	
TURBIDITY	NTU	41.1		0.45		266		0.29		0.58		53.6	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	110		240		180		200		ND@0.5		0.3	J
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	2.7	J	6.3		4.8		6		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@5		1.7	J	1.8	J	1.9	J	ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	45		99		99		120		0.2	J	0.4	J
1,1-DICHLOROETHENE	ug/l	44		110		63		100		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@5		ND@5		1.5	J	1.8	J	ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@5		1.7	J	1.2	J	1.4	J	ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@5		2.4	J	3		2.9		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@5		ND@5		ND@2.5		0.6	J	ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	46		110		100		99		0.3	J	ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@5		ND@5		ND@2.5		ND@2.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	4.2	J	10		5.2		6.1		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	1.3	J	1.8	J	7.3		4.7		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	280		490		380		390		0.2	J	ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@5		ND@5		ND@2.5		ND@2.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	3.1	J	9.5		6		9.3		ND@0.5		ND@0.5	

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Sample Location			616		616		617		617		618		618
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		01/25/2010		07/15/2010		01/19/2010		07/15/2010		01/25/2010		07/14/2010	
Laboratory Sample I.D.		5893214		6034245		5889923		6034244		5893212		6034202	
Sample Comment Codes					P				P				P
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.53		6.51		7.21		7.09		6.51		6.61	
SPECIFIC CONDUCTANCE	umhos/cm	589		649		7960		1066		545		658	
TEMPERATURE	C	13.1		15.2		11.6		14.5		8.1		13.6	
TURBIDITY	NTU	463		1.4		267		1.06		613		4.43	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	0.2	J	0.3	J	ND@0.5		0.2	J	ND@0.5		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	0.4	J	0.4	J	0.1	J	ND@0.5		17		7.3	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

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Sample Location			619		620		621		621		622		622
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		10/21/2010		04/05/2010		04/05/2010		10/21/2010		04/05/2010		10/21/2010	
Laboratory Sample I.D.		6119919		5946739		5946734		6119925		5946735		6119926	
Sample Comment Codes			P						P				P
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.4		7.22		6.71		6.3		6.52		6.3	
SPECIFIC CONDUCTANCE	umhos/cm	1343		449		2814		2373		2814		2397	
TEMPERATURE	C	17.2		11.7		11.9		11.4		12.1		11	
TURBIDITY	NTU	0.3		128		>1000		0.52		53		0.79	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	760		2.4		78		100		72		68	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	53		ND@0.5		3.5		4.1		3		1.7	
1,1,2-TRICHLOROETHANE	ug/l	ND@10		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	690		0.2	J	74		100		67		85	
1,1-DICHLOROETHENE	ug/l	95		ND@0.5		5.3		11		6.5		6	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	6.7	J	ND@0.5		1.4		1.8		1.2		1.7	
1,2-DICHLOROETHANE	ug/l	2.2	J	ND@0.5		0.2	J	0.3	J	0.2	J	0.2	J
CHLOROETHANE	ug/l	ND@10		ND@0.5		0.2	J	0.2	J	0.1	J	0.2	J
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@10		ND@0.5		0.2	J	0.2	J	0.2	J	0.2	J
CIS-1,2-DICHLOROETHENE	ug/l	ND@10		ND@0.5		0.1	J	0.1	J	ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@10		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@10		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@10		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	6.2	J	ND@0.5		2.4		3		2.3		1.7	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@10		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@10		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

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Sample Location			623		624		625		625		625		625
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		10/26/2010		10/26/2010		01/20/2010		04/05/2010		07/07/2010		10/20/2010	
Laboratory Sample I.D.		6125457		6125458		5890687		5946732		6028251		6119940	
Sample Comment Codes			P		P								P
Parameter	**Units**												
Indicator Parameters													
PH	SU	6.6		6.3		7.34		7.32		7.52		7.5	
SPECIFIC CONDUCTANCE	umhos/cm	2833		2029		581		665		617		602	
TEMPERATURE	C	12.1		12.3		9.9		11.1		10.6		8.8	
TURBIDITY	NTU	0.34		0.33		9.1		10.7		4.96		2.1	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	32		57		0.1	J	ND@0.5		0.1	J	ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	0.7		1.6		15		6.5		18		0.6	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	21		45		3.3		3.7		3.5		3.8	
1,1-DICHLOROETHENE	ug/l	3.2		6.7		0.8		0.6		0.8		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	0.5		0.9		19		17		20		22	
1,2-DICHLOROETHANE	ug/l	ND@0.5		0.2	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		0.1	J	ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	0.1	J	0.2	J	0.1	J	ND@0.5		0.1	J	ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		92		76		120		4	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	1.5		3.6		15		6		10		0.3	J
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		13		22		6.1		30	

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Sample Location			626		626		627		627		628		629
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		04/05/2010		10/20/2010		04/07/2010		10/26/2010		10/26/2010		10/27/2010	
Laboratory Sample I.D.		5946733		6119941		5950478		6125459		6125460		6125486	
Sample Comment Codes					P				P		P		P
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.64		7.5		6.43		6		7.3		7.3	
SPECIFIC CONDUCTANCE	umhos/cm	616		516		489		497		587		361	
TEMPERATURE	C	10.4		9.6		10.5		10.4		10.4		12.6	
TURBIDITY	NTU	159		0.71		5.57		0.39		0.34		0.47	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		0.7		0.4	J	ND@0.5		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		3		3.7		0.2	J	ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	0.1	J	0.1	J	0.7		0.7		0.3	J	ND@0.5	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		0.2	J	0.3	J	ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		2		3.3		0.3	J	ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		1		1.6		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	0.5	J	0.6		7		9.5		3.1		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		0.8		0.6		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	0.3	J	ND@0.5		24		26		0.1	J	ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		0.1	J	0.5	J	ND@0.5	

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Sample Location			630		631		631		632		632		P04
Sample Description		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL		GW MON WELL	
Sample Date		10/27/2010		04/06/2010		10/27/2010		04/07/2010		10/20/2010		07/14/2010	
Laboratory Sample I.D.		6125487		5946751		6125483		5950487		6119905		6034207	
Sample Comment Codes			P				P				P		P
Parameter	**Units**												
Indicator Parameters													
PH	SU	7.5		7.42		6.7		6.13		6		7.34	
SPECIFIC CONDUCTANCE	umhos/cm	758		390		421		3915		2501		417	
TEMPERATURE	C	11.6		11.2		11.7		12.6		14.2		16.1	
TURBIDITY	NTU	0.41		430		0.75		>1000		0.87		2.41	
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	3.9		0.1	J	0.3	J	17		7.3		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		0.3	J	ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	0.6		ND@0.5		0.1	J	0.5		0.2	J	ND@0.5	
1,1-DICHLOROETHENE	ug/l	1.1		ND@0.5		ND@0.5		0.5	J	0.3	J	ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	3.1		0.2	J	0.6		ND@0.5		ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	7.4		1.6		3		11		6.7		ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

Groundwater Analytical Chemistry Data
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Sample Location			P08		P11						
Sample Description		GW MON WELL		GW MON WELL							
Sample Date		10/21/2010		10/21/2010							
Laboratory Sample I.D.		6119917		6119918							
Sample Comment Codes			P		P						
Parameter	**Units**										
Indicator Parameters											
PH	SU	7.5		7.2							
SPECIFIC CONDUCTANCE	umhos/cm	1603		1063							
TEMPERATURE	C	17.7		16							
TURBIDITY	NTU	1.36		0.8							
Volatile Organics											
1,1,1-TRICHLOROETHANE	ug/l	68		40							
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	15		2.3							
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5							
1,1-DICHLOROETHANE	ug/l	180		53							
1,1-DICHLOROETHENE	ug/l	12		2.5							
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	4.2		0.9							
1,2-DICHLOROETHANE	ug/l	0.2	J	ND@0.5							
CHLOROETHANE	ug/l	0.9		0.1	J						
CHLOROFORM (TRICHLOROMETHANE)	ug/l	0.7		0.3	J						
CIS-1,2-DICHLOROETHENE	ug/l	0.2	J	ND@0.5							
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5							
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5							
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5							
TRICHLOROETHENE	ug/l	0.2	J	0.4	J						
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5							
VINYL CHLORIDE	ug/l	0.2	J	ND@0.5							

Reporting Conventions

NA	Not Analyzed
ND@X	Not Detected at Detection Limit X

Code	Explanation
J	Estimated value - compound meets identification criteria, but result is less than the reporting limit.
P	Sampled with a bag-type diffusion sampling device

APPENDIX G

QUALITY CONTROL ANALYTICAL CHEMISTRY DATA FOR ENVIRONMENTAL BLANKS
January 1, 2010 – December 31, 2010

Quality Control Analytical Chemistry Data
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Sample Location		EQ RINSE BLK		EQ RINSE BLK		EQ RINSE BLK		EQ RINSE BLK		EQ RINSE BLK		EQ RINSE BLK	
Sample Description		WTR LVL IND		WTR LVL IND		WTR LVL IND		WTR LVL IND		WTR LVL IND		WTR LVL IND	
Sample Date		01/19/2010		01/20/2010		01/21/2010		01/22/2010		01/25/2010		01/26/2010	
Laboratory Sample I.D.		5889922		5889931		5890693		5890705		5893209		5893221	
Parameter	**Units**												
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

Quality Control Analytical Chemistry Data
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Sample Location		EQ RINSE BLK		EQ RINSE BLK		EQ RINSE BLK		EQ RINSE BLK		EQ RINSE BLK		EQ RINSE BLK	
Sample Description		WTR LVL IND		WTR LVL IND		WTR LVL IND		WTR LVL IND		WTR LVL IND		WTR LVL IND	
Sample Date		02/01/2010		04/05/2010		04/06/2010		04/07/2010		04/08/2010		04/12/2010	
Laboratory Sample I.D.		5900088		5946746		5946750		5950479		5950492		5953540	
Parameter	**Units**												
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		0.5	J	0.5	J	0.4	J	0.4	J	0.3	J
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

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Sample Location		EQ RINSE BLK		EQ RINSE BLK		EQ RINSE BLK		EQ RINSE BLK		EQ RINSE BLK		EQ RINSE BLK	
Sample Description		WTR LVL IND		WTR LVL IND		WTR LVL IND		WTR LVL IND		WTR LVL IND		WTR LVL IND	
Sample Date		07/06/2010		07/07/2010		07/14/2010		07/15/2010		07/16/2010		10/20/2010	
Laboratory Sample I.D.		6028236		6028247		6034212		6034234		6035009		6119907	
Parameter	**Units**												
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	0.2	J	0.2	J	1		1.1		1.1		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

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Sample Location		EQ RINSE BLK		EQ RINSE BLK		EQ RINSE BLK		EQ RINSE BLK		EQ RINSE BLK		TRIP BLANK	
Sample Description		WTR LVL IND		WTR LVL IND		WTR LVL IND		WTR LVL IND		WTR LVL IND		1/19-1/22	
Sample Date		10/21/2010		10/22/2010		10/25/2010		10/26/2010		10/27/2010		01/19/2010	
Laboratory Sample I.D.		6119916		6121020		6125447		6125453		6125481		5889915	
Parameter	**Units**												
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		0.1	J	0.1	J	0.1	J	0.1	J	ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		0.8		0.7		0.7		0.7		ND@0.5	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	ND@0.5		0.6		0.6		0.6		0.6		ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

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Sample Location		TRIP BLANK		TRIP BLANK		TRIP BLANK		TRIP BLANK		TRIP BLANK		TRIP BLANK	
Sample Description		1/20-1/23		1/22-1/23		1/25-1/27		2/1-2/4		4/5-4/7		4/6-4/9	
Sample Date		01/20/2010		01/22/2010		01/25/2010		02/01/2010		04/05/2010		04/06/2010	
Laboratory Sample I.D.		5890686		5890704		5893208		5900086		5946731		5950471	
Parameter	**Units**												
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		0.5	J	0.4	J
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

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Sample Location		TRIP BLANK		TRIP BLANK		TRIP BLANK		TRIP BLANK		TRIP BLANK		TRIP BLANK	
Sample Description		4/7-4/9		4/12-4/14		7/6-7/9		7/14-7/16		7/14-7/16		7/15-7/17	
Sample Date		04/07/2010		04/12/2010		07/06/2010		07/14/2010		07/14/2010		07/15/2010	
Laboratory Sample I.D.		5950483		5953535		6028231		6034201		6034225		6035004	
Parameter	**Units**												
Volatile Organics													
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	0.4	J	0.3	J	0.2	J	1		1		1.1	
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5		ND@0.5	

Sample Location		TRIP BLANK		TRIP BLANK		TRIP BLANK		TRIP BLANK	TRIP BLANK
Sample Description		10/20-10/22		10/20-10/22		10/21-10/23		10/25-10/28	10/26-10/28
Sample Date		10/20/2010		10/20/2010		10/22/2010		10/25/2010	10/26/2010
Laboratory Sample I.D.		6119904		6119929		6121019		6125445	6125470
Parameter	**Units**								
Volatile Organics									
1,1,1-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5	ND@0.5
1,1-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5	ND@0.5
1,2-DICHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5	ND@0.5
CHLOROETHANE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5	ND@0.5
CHLOROFORM (TRICHLOROMETHANE)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5	ND@0.5
CIS-1,2-DICHLOROETHENE	ug/l	ND@0.5		ND@0.5		0.1	J	0.1	J 0.1 J
DICHLORODIFLUOROMETHANE (FREON 12)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5	ND@0.5
METHYLENE CHLORIDE (DICHLOROMETHANE)	ug/l	ND@0.5		1.1		0.8		0.7	0.6
TETRACHLOROETHENE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5	ND@0.5
TRICHLOROETHENE	ug/l	ND@0.5		0.5		0.6		0.6	0.6
TRICHLOROFLUOROMETHANE (FREON 11)	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5	ND@0.5
VINYL CHLORIDE	ug/l	ND@0.5		ND@0.5		ND@0.5		ND@0.5	ND@0.5

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Reporting Conventions

NA	Not Analyzed
ND@X	Not Detected at Detection Limit X

Code	**Explanation**
J	Estimated value - compound meets identification criteria, but result is less than the reporting limit.