8976 Wellington Road
Manassas, VA 20109

September 29, 2011

Mr. George Heitzman
Division of Environmental Remediation
New York State Dept. of Environmental Conservation
625 Broadway, 11th Floor
Albany, New York 12233-7014

Re: IBM Kingston Facility, Part 373 Permit No. 3-5154-00067/00090
Transmittal of 2011 Semiannual Groundwater Monitoring Report

Dear Mr. Heitzman:

The purpose of this letter is to transmit the referenced document in compliance with the IBM Kingston site's Part 373 Permit, Module IV, Section D. 1 and Module V Sections H. 1. that was in effect for the previous semi-annual period (January 1, 2011 through June 30, 2011). This report also contains an evaluation of the effectiveness of groundwater collection and treatment implemented at this site.

This letter also serves to notify the Commissioner as per Module III condition C.1, that no new Solid Waste Management Units (SWMUs) as described in this permit condition have been identified at the facility during the previous semiannual period.

Per the Part 375 Order on Consent (Order) Index #D3-100236-11, dated July 8, 2011, the Part 373 RCRA permit was terminated and superseded by the Order,. Groundwater monitoring will continue as per the current approved Groundwater Monitoring Plan (GMP) prepared under the RCRA Permit until such time as a revised GMP under the Order has been approved by the agency. Reporting of routine groundwater monitoring activities will continue and occur as part of a Periodic Review Report.

After reviewing the information provided in this transmittal, should you have any questions please call Dean Chartrand at (703) 257-2583.

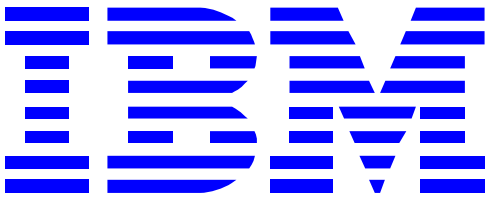
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely yours,

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

Cc:

Recipient	NYSDEC Albany (electronic copy only)
Ken Brezner	NYSDEC Region 3 (electronic copy only)
Wayne Mizerak	NYSDEC Albany (electronic copy & hard copy)
James Reidy	USEPA Region 2 (electronic copy & hard copy)
Kristin Kulow	NYSDOH, Oneonta (electronic copy only)
Steven Bates	NYSDOH, Troy (electronic copy only)
Alan Ginsberg	Tech City Properties, Inc (hard copy)



Kingston, New York

2011 SEMIANNUAL GROUNDWATER MONITORING REPORT

Prepared for:

IBM Corporate Environmental Affairs
Manassas, Virginia

September 29, 2011

Prepared by:

Groundwater Sciences Corporation

2601 Market Place Street, Suite 310
Harrisburg, Pennsylvania 17110

560 Route 52, Suite 202
Beacon, New York 12508

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

Table of Contents

Table of Tables

Table of Figures

Table of Plates

Table of Appendices

1 INTRODUCTION

Groundwater Sciences Corporation (GSC) has prepared this report at the request of the International Business Machines Corporation, Manassas, Virginia (IBM). As such, this report satisfies semiannual reporting requirements specified in Module IV, Section D, Paragraph 1 and Module V, Section H, Paragraph 1 of the former Part 373 Permit for the former IBM Kingston, New York facility (IBM Kingston). Per the Part 375 Order on Consent (Index #D3-100236-11), dated July 8, 2011, the Part 373 RCRA Permit was terminated and superceded by the Order. The location of the Kingston site is shown on Figure 1-1.

This report provides the information required in the referenced paragraphs of Module IV and Module V, including sampling results and the analysis and interpretation of groundwater flow and chemistry data. This report also satisfies the reporting requirement relating to the evaluation of the corrective measures program which includes groundwater extraction from the Groundwater Collection System (GWCS) and well MW-504S (Figure 1-2).

This report also includes information with regard to an evaluation of the contaminant levels with respect to the groundwater concentration levels listed in Module V (an annual reporting requirement specified in Module IV, Section D, paragraph 2 (d)). The occurrence of chemical constituents in groundwater at levels exceeding the groundwater standard is reflected by the value of the lowest concentration contour on each concentration contour map presented in this report. Where the current New York State Groundwater Quality (Part 703) Standard (NYSGQS) is less than the groundwater concentration level listed in Module V, the comparison value used for these concentration contour maps is the NYSGQS and is so noted on the plate.

The remainder of this report is organized into the following sections. Section 2 reports on other issues and activities completed during the previous semiannual period. Section 3 reports the results of the sampling data collected during the semiannual reporting period of this report (January 1, 2011 through June 30, 2011). Section 4 presents the semiannual evaluation of the corrective measures program, including a report on the contaminant recovery levels and treatment efficiency data. Table 1-1 provides a summary of abbreviations used in this report.

Table 1-1. Summary of Abbreviations Used in this Report	
111-TCA	1,1,1-Trichlorethane
11-DCA	1,1-Dichloroethane
12-DCA	1,2-Dichloroethane
11-DCE	1,1-Dichloroethene
PCE	Tetrachloroethylene
TCE	Trichloroethylene
12-DCE	1,2-Dichloroethene (total)
VC	Vinyl Chloride
112-TCA	1,1,2-Trichloroethane
DCM	Methylene Chloride
TCM	Chloroform
CIS13-DCPRE	cis-1,2-Dichloropropene
Freon® 113	1,1,2-trichloro-1,2,2-trifluoroethane
Freon® 123a	1,2-dichloro-1,2,2- trifluoroethane
VOCs	Volatile Organic Compounds
ug/l	Micrograms per liter

2 OTHER ISSUES AND ACTIVITIES

The following sections present information relating to activities conducted during the preceding semiannual period.

2.1 Monitoring Well MW-174S Area

Beginning with the second quarter 2002, several volatile organic compounds (11-DCA, 11-DCE and 12-DCE) have been detected in samples collected from monitoring well MW-174S at concentrations that exceed the New York State Groundwater Quality Standard (NYSGQS). MW-174S is located along the southwestern portion of the 42-inch storm sewer and is within its capture zone (refer to Figures 3-1 and 3-2). Volatile organic compound (VOC) concentrations detected in monitoring well MW-173S, on the opposite side of the 42-inch storm sewer, have been consistent with historical VOC concentrations. Both MW-173S and MW-174S are monitored quarterly as per the approved GMP. Table 2-1 includes a summary of the VOC data for these two locations since the increase in concentrations at MW-174S was noted. The table includes eight parameters that have been detected historically at MW-174S (111-TCA; 11-DCA; 12-DCA; 11-DCE; TCE; 12-DCE; 112-TCA; and DCM). Sample results shown in **bold** text in Table 2-1 exceed the NYSGQS for that parameter. Two parameters were detected in the most recent sample collected from MW-174S; neither exceeded the NYSGQS. IBM will continue to monitor this area as per the GMP.

Table 2-1. Summary of Recent Sampling Results, MW-173S and MW-174S (All Results in ug/l)									
Location	***Parameter***	***111-TCA***	***11-DCA***	***12-DCA***	***11-DCE***	***TCE***	***12-DCE (tot)***	***112-TCA***	***DCM***
	NYSGQS	5 ug/l	5 ug/l	0.6 ug/l	5 ug/l	5 ug/l	5 ug/l	1 ug/l	5 ug/l
MW-173-S	03/15/02	**47**	**340**	**7.7**	**230**	**72**	**20**	**4.1**	ND@5
	06/11/02	**58**	**470**	**7.6**	**330**	**59**	**19**	**4.6**	ND@5
	09/19/02, avg	**70.5**	**350**	**13**	**270**	**83**	**28**	**7.95**	ND@5
	12/12/02	**78**	**320**	**13**	**260**	**84**	**29**	**8.5**	ND@5
	03/03/03	**46**	**240**	**6.3**	**230**	**46**	**15**	**3.6**	ND@1
	05/30/03	**82**	**400**	**11**	**320**	**68**	**12**	**6.5**	1.0
	9/2/03, avg	**41.5**	**255**	**1.95**	**220**	**47.5**	**8.3**	**4.3**	ND@1
	11/19/03	**49**	**340**	**8.4**	**290**	**67**	**21**	**5.7**	ND@1
	1/22/04	**110**	**780**	**13**	**520**	**130**	**31**	**7.7**	ND@1
	6/9/04	**89**	**390**	**6.9**	**340**	**77**	**26**	**4.3**	ND@1
	9/14/04, avg	**48**	**280**	**9.3**	**250**	**55.5**	**41**	**5.85**	ND@1
	12/9/04	**66**	**360**	**10**	**300**	**75**	**17**	**6.4**	ND@1
	2/23/05	**63**	**430**	**9.6**	**350**	**76**	**23**	**5.3**	ND@1
	5/19/05	**77**	**340**	**10**	**270**	**70**	**25**	**7.4**	ND@1
	8/9/05	**38**	**260**	ND@1	**215**	**52**	**11**	ND@1	ND@1
	12/19/05	**42**	**180**	**8.6**	**130**	**34**	**20**	**4.6**	ND@1
	2/21/06	**48**	**260**	**7.0**	**190**	**44**	**15**	**3.0**	ND@1
	5/12/06	**37**	**190**	**6.4**	**150**	**49**	**12**	**2.5**	ND@1
	9/14/06, avg	**21**	**115**	**4.85**	**135**	**45.5**	**11.5**	**1.95**	ND@1
	11/15/06	**25**	**170**	**5.1**	**160**	**43**	**12**	**2.2**	ND@1
	3/13/07	**30**	**130**	ND@1	**150**	**54**	**14**	**1.6**	ND@1
	5/23/07	**15**	**55**	**2.0**	**51**	**29**	**5.6**	0.85 J	ND@1
	7/31/07, avg	**12.5**	**125**	**2.35**	**109**	**40**	**7.35**	**1.1**	ND@1
	12/5/07	**24**	**120**	**18**	**110**	**52**	**6.3**	**2.7**	ND@1
	1/30/08	**32**	**160**	**5.1**	**190**	**47**	**12**	**2.2**	ND@1
	5/28/08	**34**	**240**	**5.6**	**190**	**44**	**11**	**2.4**	ND@1
	9/9/08, avg	**14**	**185**	**3.6**	**130**	**37.5**	**10.5**	**1.7**	ND@1
	12/3/08	**36**	**290**	**8.2**	**210**	**62**	**18**	**3.5**	ND@1
	2/12/09	**19**	**140**	**4.3**	**110**	**39**	**12**	**1.9**	ND@1
	5/13/09	**29**	**300**	**7.6**	**200**	**50**	**15**	**3.1**	ND@1
	9/21/09, avg	**13**	**175**	**4.6**	**125**	**42**	**13**	**1.55**	ND@1
	12/11/09	**15**	**190**	**4.9**	**120**	**56**	**15**	**1.6**	ND@1
	2/15/10	**14**	**160**	**3.8**	**90**	**45**	**11**	**1.2**	1.2
	5/24/10	**12**	**190**	**4.0**	**160**	**36**	**8.3**	**1.3**	1.5
	8/24/10	4.4 **/ 11**	**81 / 63**	**1.2 / 3.7**	**59 / 46**	**18 / 40**	2.9 **/ 8.0**	0.52 J / **1.3**	ND@1
	12/13/10	**19**	**180**	**6.2**	**160**	**41**	**12**	**2.9**	ND@1
	2/4/11	**15**	**170**	**3.9**	**150**	**42**	**8.9**	**1.6**	ND@1
	5/26/11	**14**	**150**	**4.7**	**150**	**42**	**8.5**	**1.9**	ND@1

Table 2-1. Summary of Recent Sampling Results, MW-173S and MW-174S (All Results in ug/l) (continued)									
Location	***Parameter***	***111-TCA***	***11-DCA***	***12-DCA***	***11-DCE***	***TCE***	***12-DCE (tot)***	***112-TCA***	***DCM***
	NYSGQS	5 ug/l	5 ug/l	0.6 ug/l	5 ug/l	5 ug/l	5 ug/l	1 ug/l	5 ug/l
MW-174-S	03/15/02	0.96	1.4	ND@1	0.75	ND@1	ND@1	ND@1	ND@1
	06/11/02	1.5	2.6	ND@1	1.1	ND@1	ND@1	ND@1	ND@1
	09/19/02	3.2	**12**	ND@1	**21**	ND@1	3.2	ND@1	ND@1
	12/12/02	3.7	**19**	**1.5**	**30**	0.6	**16**	ND@1	1.2
	03/03/03	1.3	**5.0**	ND@1	**9.8**	0.7	3.3	ND@1	ND@1
	05/30/03	0.9	3.2	ND@1	**6.7**	1.4	1.1	ND@1	1.0
	9/2/03	1.0	2.8	ND@1	**6.8**	**12**	1.2	ND@1	ND@1
	11/19/03	1.1	3.6	ND@1	**9.7**	**15**	4.8	ND@1	ND@1
	1/22/04	ND@1	1.6	ND@1	**5.9**	**19**	3.1	ND@1	ND@1
	6/9/04	0.6	1.6	ND@1	3.7	4.9	1.8	ND@1	ND@1
	9/14/04	1.1	3.1	ND@1	**13**	**15**	**9.5**	ND@1	ND@1
	12/9/04	3.3	**12**	ND@1	**22**	**16**	4.1	ND@1	ND@1
	2/23/05	1.5	4.2	ND@1	**8.5**	**17**	2.5	ND@1	ND@1
	5/19/05	0.97	1.9	ND@1	**5.1**	**6.3**	1.2	ND@1	ND@1
	8/9/05	3.0	**11.0**	0.57	**29**	**33**	**6.9**	ND@1	ND@1
	12/19/05	2.7	**14.0**	ND@1	**38**	**47**	**15**	ND@1	ND@1
	2/21/06	1.3	3.5	ND@1	**13**	**38**	3.1	ND@1	ND@1
	5/12/06	3.5	**12**	**0.65 J**	**31**	**32**	**7.3**	ND@1	ND@1
	9/14/06	1.7	**5.0**	ND@1	**14**	**49**	3.8	ND@1	ND@1
	11/15/06	1.7	**8.2**	ND@1	**20**	**41**	**6.0**	ND@1	ND@1
	3/13/07	1.7	**5.3**	ND@1	**14**	**27**	3.6	ND@1	ND@1
	5/23/07	0.95 J	2.4	ND@1	**5.3**	**13**	1.1	ND@1	ND@1
	7/31/07	0.50 J	0.89 J	ND@1	3.5	**22**	1.1	ND@1	ND@1
	12/5/07	2.0	**8.4**	ND@1	**20**	**45**	**5.2**	ND@1	ND@1
	1/30/08	1.5	**7.2**	0.49 J	**18**	**39**	**5.1**	ND@1	ND@1
	5/28/08	0.43 J	1.4	ND@1	4.2	**14**	1.1	ND@1	ND@1
	9/9/08	1.2	4.0	0.22J	**9.3**	**45**	3.4	0.12 J	ND@1
	12/3/08	2.4	**13**	**0.78 J**	**24**	**45**	**7.2**	0.30 J	ND@1
	2/12/09	0.94 J	4.4	0.29 J	**9.9**	**36**	3.4	0.14 J	ND@1
	5/13/09	0.96 J	2.6	ND@1	**6.3**	**22**	1.7	ND@1	ND@1
	9/21/09	1.2	2.7	0.28 J	**8.9**	**36**	3.7	ND@1	ND@1
	12/11/09	0.73 J	0.70 J	0.16 J	2.7	**21**	1.3	ND@1	ND@1
	2/15/10	0.51 J	0.54 J	ND@1	2.3	**24**	0.89 J	ND@1	ND@1
	5/24/10	0.51 J	0.46 J	ND@1	1.8	**8.1**	0.48 J	ND@1	ND@1
	8/24/10	0.43 J	0.28 J	ND@1	0.99 J	**8.8**	0.29 J	ND@1	ND@1
	12/13/10	0.80 J	0.89 J	ND@1	3.8	**24**	1.2	ND@1	ND@1
	2/4/11	0.75 J	1.2	ND@1	3.6	**18**	1.1	ND@1	ND@1
	5/26/11	ND@1	ND@1	ND@1	0.23 J	4.8	ND@1	ND@1	ND@1

2.2 Monitoring Well MW-177S Area

During 2004, low-level detections of several VOCs were observed in monitoring well MW-177S. The VOCs included 11-DCA, 12-DCA, 11-DCE and 12-DCE (total) and all detections were below the NYSGQS. MW-177S is located along the southwestern portion of the 42-inch storm sewer in the general area of MW-174S. VOC concentrations in monitoring well MW-176S, on the opposite side of the 42-inch storm sewer from MW-177S, were consistent with historical VOC concentrations. Recent results from these monitoring wells are summarized in Tables 2-2a and 2-2b. Sample results shown in **bold** text exceed the NYSGQS for that parameter. Only 11-DCA and 11-DCE were detected in the most recent sampling at MW-177S, but they did not exceed the NYSGQS. IBM will continue to monitor these locations at a quarterly frequency, as per the approved GMP.

Table 2-2. Summary of Recent Sampling Results, MW-176S (All Results in ug/l)

Location	*Parameter*	*111-TCA*	*11-DCA*	*12-DCA*	*11-DCE*	*12-DCE (tot)*	*VC*
	NYSGQS	5 ug/l	5 ug/l	0.6 ug/l	5 ug/l	5 ug/l	2 ug/l
MW-176-S	1/21/04	3.1	**28**	ND@1	**58**	**12**	ND@1
	6/9/04	1.0 J	**9.9**	ND@1	**12**	3.4	ND@1
	9/14/04	3.2	**27**	ND@1	**58**	**16**	ND@1
	12/9/04	2.1	**19**	ND@1	**32**	4.1	ND@1
	2/23/05	3.4	**25**	ND@1	**59**	**8.3**	ND@1
	5/19/05	2.2	**19**	ND@1	**35**	**6.3**	ND@1
	8/9/05	ND@1	**34**	ND@1	**68**	**7.2**	ND@1
	12/15/05	0.60 J	**14**	ND@1	**11**	3.5	ND@1
	2/21/06	2.0	**20**	ND@1	**44**	4.0	ND@1
	5/10/06	2.7	**26**	ND@1	**52**	**5.0**	ND@1
	9/14/06	2.2	**17**	ND@1	**38**	4.1	ND@1
	11/15/06	1.4	**13**	ND@1	**29**	3.2	ND@1
	3/13/07	2.5	**18**	ND@1	**41**	4.3	ND@1
	5/23/07, avg	0.99	**12.5**	ND@1	**22**	1.9	ND@1
	7/31/07	2.6	**29**	ND@1	**52**	4.4	ND@1
	12/5/07	1.4	**12**	ND@1	**29**	2.7	ND@1
	1/30/08	1.4	**12**	0.24 J	**28**	2.5	ND@1
	5/28/08, ave	1.2	**16**	0.22 J	**33.5**	2.5	ND@1
	9/10/08	2.8	**25**	**0.66 J**	**55**	**5.6**	0.31 J
	12/3/08	1.7	**15**	0.32 J	**32**	2.8	0.17 J
	3/11/09	1.5	**16**	0.44 J	**32**	3.4	0.20 J
	5/13/09, avg	1.7	**17**	0.39 J	**37.5**	4.3	0.24 J
	9/21/09	2.2	**18**	0.54 J	**39**	**5.2**	0.17 J
	12/8/09	2.2	**22**	0.33 J	**49**	**6.0**	0.24 J
	2/15/10	1.7	**18**	0.38 J	**44**	4.7	0.16 J
	5/25/10	1.6 / 1.7	**14 / 15**	0.17 J / 0.24 J	**34 / 35**	3.9 / 4.1	0.19 J / 0.27 J
	8/24/10	1.3	**15**	0.14 J	**29**	3.0	0.16 J
	12/13/10	1.4	**13**	0.21 J	**27**	2.8	ND@1
	2/3/11	1.4	**16**	0.17 J	**33**	4.2	0.23 J
	5/26/11	1.5 / 1.5	**11 / 11**	ND@1 / ND@1	**22 / 21**	2.8 / 2.7	ND@1 / ND@1

Table 2-2. Summary of Recent Sampling Results, MW-176S (All Results in ug/l) (continued)							
Location	***Parameter***	***111-TCA***	***11-DCA***	***12-DCA***	***11-DCE***	***12-DCE (tot)***	***VC***
	NYSGQS	5 ug/l	5 ug/l	0.6 ug/l	5 ug/l	5 ug/l	2 ug/l
MW-177-S	1/22/04	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
	6/9/04	ND@1	ND@1	4.2	ND@1	ND@1	ND@1
	9/14/04	ND@1	3.0	ND@1	2.5	0.54 J	ND@1
	12/9/04	ND@1	2.6	ND@1	2.0	ND@1	ND@1
	2/23/05	ND@1	3.4	ND@1	2.0	ND@1	ND@1
	5/19/05	ND@1	2.6	ND@1	1.1	ND@1	ND@1
	8/9/05	ND@1	4.9	ND@1	**6.4**	ND@1	ND@1
	12/19/05	ND@1	2.8	ND@1	2.2	ND@1	ND@1
	2/21/06	ND@1	4.2	ND@1	2.4	ND@1	ND@1
	5/10/06	ND@1	4.2	ND@1	3.9	ND@1	ND@1
	9/14/06	ND@1	4.0	ND@1	2.6	ND@1	ND@1
	11/15/06	ND@1	**6.9**	ND@1	4.9	ND@1	ND@1
	3/13/07	ND@1	**6.6**	ND@1	**11**	ND@1	ND@1
	5/23/07	ND@1	**5.6**	ND@1	**6.3**	ND@1	ND@1
	7/31/07	ND@1	**8.0**	ND@1	**9.5**	ND@1	ND@1
	12/5/07	0.83 J	**13**	ND@1	**17**	0.77 J	ND@1
	1/30/08	0.52 J	**13**	ND@1	**17**	0.73 J	0.14 J
	5/28/08	0.40 J	**14**	ND@1	**20**	0.64 J	ND@1
	9/9/08	0.59 J	**14**	ND@1	**21**	0.87 J	ND@1
	12/3/08	0.42 J	**7.5**	ND@1	**11**	0.48 J	ND@1
	2/12/09	0.34 J	**8.8**	ND@1	**12**	0.58 J	0.22 J
	5/13/09	ND@1	**5.4**	ND@1	**6.9**	0.40 J	0.15 J
	9/21/09	ND@1	3.1	ND@1	**3.7**	0.23 J	ND@1
	12/11/09	ND@1	**5.9**	ND@1	**8.6**	0.51 J	ND@1
	2/15/10	ND@1	3.2	ND@1	4.8	0.27 J	ND@1
	5/25/10	ND@1	3.2	ND@1	1.7	0.20 J	ND@1
	8/24/10	ND@1	4.6	ND@1	**5.7**	0.22 J	ND@1
	12/13/10	ND@1	**6.2**	ND@1	**6.0**	0.41 J	ND@1
	2/3/11	ND@1	**7.2**	ND@1	**8.9**	0.40 J	0.15 J
	5/26/11	ND@1	2.2	ND@1	2.2	ND@1	ND@1

2.3 Monitoring Well MW-180S Area

Beginning in the fourth quarter of 2007, TCE has been sporadically detected in monitoring well MW-180S at concentrations that exceed the NYSGQS for this parameter (5 ug/l). MW-180S is located along the southeastern portion of the 42-inch storm sewer and to the west of Building 031. The most recent detection of this parameter at a concentration that was above the NYSGQS was during the third quarter 2009 (5.8 ug/l). TCE was detected in the first half of 2011 but at concentrations that were below the NYSGQS: 1.2 ug/l (first quarter 2011) 0.53 ug/l (second quarter 2011). IBM will continue to monitor this location at a quarterly frequency, as per the approved GMP.

2.4 Supplemental Groundwater Monitoring

In early 2009, IBM proposed to sample two monitoring wells, MW-169S and MW-609S, on a quarterly basis in relation to ongoing Parcel 1 area investigations. Based on the 2009 supplemental quarterly sampling, IBM proposed in the 2009 Annual Groundwater Monitoring Report to include these two wells in the GMP for the site. IBM proposed both wells to be sampled for VOCs and field parameters only with MW-169S to be sampled quarterly and MW-609S to be sampled semiannually. Sampling results for the semiannual period are presented in Appendix A of this report. It should be noted that historical monitoring at MW-609S included unconfirmed detections of Dichlorodifluormethane (DCDFM) and CBZ and; several detections of DCM. No other VOCs were detected during the historical monitoring at this location. The most recent sampling results from MW-609S show no VOCs were detected. Historical sampling at well MW-169S did not detect any VOCs to be present; first quarter 2011 sampling indicates the presence of 11-DCA and 11-DCE at levels below the NYSGQS. VOCs were not detected at well MW-169S in the second quarter.

Also as discussed with the NYSDEC beginning in early 2009 and as proposed in the 2009 Annual Groundwater Monitoring report as an addendum to the current approved Groundwater Monitoring Plan, IBM sampled two monitoring wells, MW-181S and MW-182S. Results for the first and second quarter 2011 are presented in Appendix A of this report. Second quarter results from MW-181S for TCE, 11-DCA, and 11-DCE exceeded the NYSGQS; all detections were less than 10 ug/l. Current sampling results detected several additional parameters including: 111-TCA; Freon® 113; 12-DCE and TCM. None of these parameters were detected at concentrations that exceed the NYSGQS. Historical monitoring at MW-182S included consistent detections of 111-TCA; 11-DCA; 11-DCE and TCE. In addition, several other parameters, including Freon® 113 and 12-DCE, were inconsistently detected during the historical monitoring at this location. Of these only two parameters, TCE and 11-DCE, were consistently detected above the NYSGQS. Current sampling results detected the same suite of parameters to those historically detected at this location. As with the historical data only two parameters, TCE and 11-DCE, were detected above the NYSGQS in the most recent sampling results.

3 CORRECTIVE ACTION AND COMPLIANCE MONITORING

This section reports on the results of corrective action and compliance monitoring for this site for the previous semiannual period. Spatial analyses of this data are also presented.

3.1 Sampling and Analysis Plan

Sampling and analysis of groundwater was performed at the site for the previous semiannual period in accordance with protocols contained in the current approved Groundwater Monitoring Plan (GMP). In addition, as noted in Section 2 of this report, supplemental sampling was conducted at four locations during both the first and second quarters. The results of all of the routine and supplemental groundwater sampling rounds and the associated Quality Assurance/ Quality Control data are reproduced in Appendix A. Appendix B contains copies of the Sampling Field Data sheets for the previous semiannual period. Copies of the Chain of Custody forms for the previous semiannual period are also provided in Appendix B.

3.2 Groundwater Elevations and Flow Directions

During each quarterly sampling round, water levels are measured in those wells designated in the current approved GMP as hydraulic effectiveness wells. The results of each of these water level surveys were converted to groundwater elevations and are published in Appendix C. Groundwater elevation measurements were then used to generate groundwater elevation contour maps for the shallow water table aquifer underlying most of the developed portion of the site. Figures 3-1 and 3-2 present groundwater elevation contour maps for the previous two quarters of 2011. These figures satisfy the semiannual permit conditions in Module IV, paragraph D 1. (b) (i) and (ii). An enlargement of the northern portion of the site, including the GWCS and the installed trench extension are included on these figures. Also shown on these figures are the locations of the storm sewer systems on the site that extend below the water table, the location of the GWCS trench (including the trench extension) and the utility trench barrier wall.

3.3 Groundwater Chemistry

As discussed in Section 3.1, groundwater samples were collected at the locations and sampling frequencies specified in the current approved GMP. In addition to these routine sampling activity results, the results from the supplemental sampling conducted at four locations during the reporting

period are also presented in Appendix A together with the associated Quality Assurance/ Quality Control data.

3.3.1 Chemical Constituents in Groundwater

The principal hazardous constituents identified in groundwater at this site are three VOCs: 111-TCA, TCE and PCE. In addition to these three principal constituents, transformation products of two of these constituents are also present in groundwater at this site. These include the TCA transformation products 11-DCE and 11-DCA and the TCE transformation product 12-DCE. In addition VC; Freon® 113; TCM and Freon® 123a have been detected in groundwater at the site.

3.3.2 Spatial Distribution

As per permit condition Module IV paragraph D.1.(b)(i), isoconcentration maps for monitored groundwater flow zones were prepared based on data obtained during the second quarter 2011. The second quarter subset of the semiannual data was selected because more locations were sampled during the second quarter than the first. These isoconcentration maps were prepared and include the delineation of the limits of hydraulic control, as per permit condition IV, paragraph D. (1) (b) (ii). Figures 3-3 through 3-14 correspond to the following compounds: PCE; TCE; 1,2-DCE; VC; TCA; 1,1-DCE; 1,1-DCA; Freon® 113; Freon® 123a; 1,2-DCA; TCM and 1,1,2-TCA.

As noted in Section 2 of this report, several VOCs have been detected in monitoring wells MW-174S and MW-177S, located along the southwestern portion of the 42-inch storm sewer. The most recent results for MW-174S indicate no parameters exceeded the NYSGQS. For the two parameters that were detected in the most recent sampling of MW-177S, none exceed the NYSGQS. Monitoring wells MW-173S and MW-176S, both lie on the opposite side of the 42-inch storm sewer, and showed concentrations consistent with historical levels for all compounds monitored. Since the fourth quarter 2009, TCE has been detected in well MW-180S but at concentrations that were below the NYSGQS. For the most recent sample, TCE was detected at 0.53 ug/l. MW-180S is located along the southeastern portion of the 42-inch storm sewer and to the west of Building 031. All of these wells are monitored quarterly as per the approved GMP.

As noted in Section 2.2, during early 2009, IBM initiated supplemental quarterly sampling at four locations: MW-169S, MW-609S; MW-181S and MW-182S. These results are included on the data

postings presented in Figures 3-3 through 3-13. For the period posted, the second quarter 2011, no VOCs were detected in wells MW-169S and MW-609S. For wells MW-181S and MW-182S, reported concentrations for the two quarters were within the ranges historically detected at these locations.

The limits of hydraulic control on Figure 3-2 through 3-13 are shown as the site control perimeter. This boundary begins in the northeast corner of the site along the 60-inch storm sewer, then follows the GWCS trench to the west and south along Enterprise Drive, where it continues southward along the limit of perennially saturated shallow sand and finally following the 42-inch storm sewer to the southeast and east. In general, groundwater plumes in the shallow sand aquifer are contained within this boundary with the exception of those plumes associated with the former IWSL area.

4 GROUNDWATER COLLECTION AND TREATMENT

This section presents the operating data for the groundwater collection systems currently active at this site, these are the GWCS and a passive groundwater collection system created as part of a storm water segregation project (NPLA). Extraction well MW-504S was offline during the current reporting period. This section also contains information relating to pumping rates and volumes, contaminant recovery levels and treatment efficiency data as per Module V, Section H, Paragraph 1. In addition, this section provides a plume capture assessment.

4.1 System Operation Data

System operation data for the groundwater collection systems currently active at the site are detailed in the following subsections.

4.1.1 Groundwater Collection System

The GWCS consists of a groundwater cutoff trench running parallel to the east side of Enterprise Drive and along the northern perimeter of the site. A separate, lateral trench extends to the southeast from a manhole connection to the main cutoff trench near its northernmost extent, as shown on Figure 4-1.

Appendix D includes a table presenting the withdrawal rates from the GWCS beginning in August 1990. Figure 4-2 is a plot of cumulative gallons pumped versus time from August 1990 through June 30, 2011. Figure 4-3 is a plot of the average pumping rate in gpm versus time for this same period. The chemistry of groundwater extracted from the GWCS is presented on time versus log concentration graphs for TCA-series and TCE-series compounds (Figure 4-4 and Figure 4-5, respectively). Appendix E contains a summary table of samples collected during the reporting period for the GWCS.

4.1.2 MW-504S

Groundwater extraction was begun at well MW-504S on April 1, 1987. On February 12, 2007, IBM notified the NYSDEC of the shutdown of MW-504S. IBM subsequently submitted a request to permanently shutdown MW-504S. MW-504S was not pumped during the first and second quarter of 2011.

4.1.3 North Parking Lot Area (Passive Groundwater Collection System)

The North Parking Lot Area Passive Groundwater Collection System (NPLA) went online in December 1997. Appendix D contains tabular summaries of metering data for this system. Appendix E contains a summary of the monitoring results for this extraction system for the reporting period.

4.2 Groundwater Treatment System Effectiveness

There is one groundwater treatment system currently installed and operating at the former IBM Kingston site to treat groundwater extracted by the GWCS and the NPLA. The effectiveness of this treatment system is discussed in the following subsections.

4.2.1 Groundwater Collection System (GWCS and NPLA)

Summary tables of individual sample results for upstream samples collected during the previous annual period are presented in Appendix E. Samples collected downstream of the air strippers during the reporting period are also presented in Appendix E. Throughout this reporting period, these tray aeration units show consistent VOC removal with effluent concentrations within the limits set for SPDES discharge.

4.2.2 Extraction Well MW-504S

As noted in section 4.1.2, MW-504S was not in operation for the January 1, 2011 to June 30, 2011 reporting period.

4.3 Contaminant Recovery Levels

As stated previously, Module V, Section H, Paragraph 1, requires IBM to report pumping rates and volumes, contaminant recovery levels and treatment efficiency data to the Commissioner on a semi-annual basis. A summary of the flux calculations for this semiannual period (January 1, 2011 through June 30, 2011) can be found in Appendix E.

Flux calculations presented in Appendix E utilized average concentrations for detected constituents and average daily flow values for the previous semiannual period (January 1, 2011 through

June 30, 2011). As shown on the tables presented in Appendix E, a total of approximately 11.3 million gallons of groundwater was collected and treated at the GWCS or, on average, 61,727 gallons per day. The average pumping rate over the semiannual period calculates to 42.9 gpm. For this semiannual period, approximately 20.5 pounds of VOCs were removed by the GWCS.

As shown on the tables presented in Appendix E, a total of approximately 918,280 gallons of groundwater were collected from the NPLA pump stations, or, on average, 5,032 gallons per day for the previous semiannual period. Approximately 2.1 pounds of VOCs were removed by this passive groundwater collection system.

As noted in Section 4.1.2, MW-504S was removed from service on February 12, 2007.

4.4 Plume Capture Assessment

As stated previously, the historical groundwater elevation contours, NPLA plume chemistry and the storm sewer flow and chemistry all suggested that a portion of the NPLA plume was not being captured by the GWCS. Efforts have been implemented to maximize the effectiveness of this system by extending the GWCS interceptor trench and installing a utility trench barrier wall, both as shown on Figure 1-2. The conceptual design for the trench extension was presented to NYSDEC in a report titled *Groundwater Collection System Trench Extension Report*, (GSC, July 25, 1994) and the extension has been operational since May 1995. Review of the second quarter 2011 surficial sand aquifer groundwater elevation contour map (Figure 3-2), reveals that the extension is capturing groundwater flow between the former northeast terminus of the GWCS and the 60-inch storm sewer. The attached Figure 4-6 illustrates the configuration of the trench, manholes and monitoring wells along the northeast lateral of the GWCS including the trench extension. This cross section shows the pre-construction (April, 1994) and post-construction water tables (water levels collected May 6, 2011 adjacent to the trench extension on its north side. Based on the change in the water table, it can be concluded that the trench extension has lowered downgradient water levels by capturing groundwater that had previously flowed off the site to the north before the trench extension was constructed.

Graphical representations of groundwater elevation for similarly located well pairs (prior to and after reinstallation) are presented as Figures 4-7 through 4-9. As can be seen from these graphs,

groundwater elevation measurements in the reinstalled wells typically are lower than in a similarly located well prior to the trench extension installation. Lastly, a review of the groundwater elevation contour map prepared from the quarterly water level measurements collected during the second quarter 2011 (Figure 3-2) shows the inferred direction of groundwater flow in the area north of the GWCS trench extension is back toward the trench extension. Analysis of groundwater flow (Figure 3-2) and review of operation data for the GWCS indicate that most of the groundwater flow containing VOCs in the NPLA is collected by the GWCS for treatment prior to discharge under a SPDES-permit issued to IBM. The balance of that flow is intercepted by the 60-inch storm sewer and discharged under a SPDES-permit issued to the current site owner. This analysis also indicates that the portion of the NPLA plume, which previously may have discharged off-site to the north, is now being collected by the GWCS trench extension (Figure 3-2).

Visual inspection of the time versus TCA- and TCE-series concentration plots presented as Figures 4-10 through 4-13 for MW-184SA and MW-185SA indicate concentrations have decreased in these wells since the installation of the GWCS extension.

Analysis of groundwater flow (Figure 3-2) indicate that most of the groundwater flow containing VOCs in the southern and western portions of the site is intercepted by the 42-inch storm sewer and discharged under a SPDES-permit issued to the current site owner.

5 REFERENCES

Dames & Moore, September 22, 1992, *Seventh Annual Hydrogeological Monitoring Program,* IBM Corporation, Kingston, New York.

Golder Associates, April 2, 2009, *Triangle Plume Area Work Plan, Former IBM Kingston Facility and associated RCRA Facility Investigation Management Plans,* Kingston, New York..

Groundwater Sciences Corporation, July 2, 1993, *Postclosure Permit Application, Former Industrial Waste Sludge Lagoon,* IBM Corporation, Kingston, New York.

Groundwater Sciences Corporation, July 30, 1993, *Corrective Action for Soil Waste Management Units, RCRA Facility Investigation, Scope of Work,* IBM Corporation, Mid-Hudson Valley, New York.

Groundwater Sciences Corporation, November 11, 1993, *Groundwater Collection System Unscheduled Shutdown Event,* IBM Corporation, Mid-Hudson Valley, New York.

Groundwater Sciences Corporation, March 1, 1994, *Sewer Systems Assessment Report,* IBM Corporation, Mid-Hudson Valley, New York.

Groundwater Sciences Corporation, July 25, 1994, *Groundwater Collection System Trench Extension Report,* IBM Corporation, Mid-Hudson Valley, New York.

Groundwater Sciences Corporation, September 27, 1994, *1993-94 Annual Groundwater Monitoring Report,* IBM Kingston Facility, Mid-Hudson Valley, New York.

Groundwater Sciences Corporation, December 27, 1994, *Newly Identified Solid Waste Management Units, Corrective Action RCRA Facility Investigation Scope of Work,* IBM Kingston Facility, Mid-Hudson Valley, New York.

Groundwater Sciences Corporation, September 27, 1995, *1994-95 Annual Groundwater Monitoring Report,* IBM Kingston Facility, Mid-Hudson Valley, New York.

Groundwater Sciences Corporation, April 12, 1996, *Revised RFI Scope of Work, Groundwater Plume and Source Investigation,* IBM Kingston Facility, Hudson Valley, New York.

Groundwater Sciences Corporation, April 12, 1996, *RCRA Facility Investigations, Soil Gas Surveys and Sewer Systems Sampling,* IBM Kingston Facility, Hudson Valley, New York.

Groundwater Sciences Corporation, March 14, 1997, *RCRA Facility Assessments of Newly Identified Solid Waste Management Units,* IBM Kingston Facility, Hudson Valley, New York.

Groundwater Sciences Corporation, March 14, 1997, *RCRA Facility Investigation: Groundwater Plumes and Sources,* IBM Kingston Facility, Hudson Valley, New York.

Groundwater Sciences Corporation, March 28, 1997, *1996 Annual Groundwater Monitoring Report,* IBM Kingston Facility, Hudson Valley, New York.

Groundwater Sciences Corporation, September 29, 1997, *1997 Semiannual Groundwater Monitoring Report, IBM Kingston Facility*, Hudson Valley, New York.

Groundwater Sciences Corporation, March 30, 1998, *1997 Annual Groundwater Monitoring Report, IBM Kingston Facility*, Hudson Valley, New York.

Groundwater Sciences Corporation, May 20, 1998, *RCRA Facility Investigation Work Plan - Former Industrial Waste Sludge Lagoon, IBM Kingston Facility*, Hudson Valley, New York.

Groundwater Sciences Corporation, March 31, 1999, *1998 Annual Groundwater Monitoring Report, IBM Kingston Facility*, Hudson Valley, New York.

Groundwater Sciences Corporation, April 16, 1999, *RCRA Facility Investigation - Former Industrial Waste Sludge Lagoon, IBM Kingston Facility*, Hudson Valley, New York.

Groundwater Sciences Corporation, December 9, 1999, *Expanded RCRA Facility Investigation Work Plan, Former Industrial Waste Sludge Lagoon - Arsenic and VOC Plume Source Investigation*, IBM Kingston Facility.

Groundwater Sciences Corporation, March 31, 2000, *1999 Annual Groundwater Monitoring Report, IBM Kingston Facility*, Hudson Valley, New York.

Groundwater Sciences Corporation, September 30, 2000, *2000 Semiannual Groundwater Monitoring Report,* IBM Kingston, Hudson Valley, New York.

Groundwater Sciences Corporation, March 28, 2001, *2000 Annual Groundwater Monitoring Report,* IBM Kingston, Hudson Valley, New York.

Groundwater Sciences Corporation, September 30, 2001, *2001 Semiannual Groundwater Monitoring Report,* IBM Kingston, Hudson Valley, New York.

Groundwater Sciences Corporation, March 28, 2002, *2001 Annual Groundwater Monitoring Report,* IBM Kingston, Hudson Valley, New York.

Groundwater Sciences Corporation, September 28, 2002, *2002 Semiannual Groundwater Monitoring Report,* IBM Kingston, Kingston, New York.

Groundwater Sciences Corporation, March 31, 2003, *2002 Annual Groundwater Monitoring Report,* Former IBM Kingston, Kingston, New York.

Groundwater Sciences Corporation, September 30, 2003, *2003 Semiannual Groundwater Monitoring Report*, Former IBM Kingston, Kingston, New York.

Groundwater Sciences Corporation, March 31, 2004, *2003 Annual Groundwater Monitoring Report*, Former IBM Kingston, Kingston, New York.

Groundwater Sciences Corporation, September 29, 2004, *2004 Semiannual Groundwater Monitoring Report*, Former IBM Kingston, Kingston, New York.

Groundwater Sciences Corporation, March 31, 2005, *2004 Annual Groundwater Monitoring Report*, Former IBM Kingston, Kingston, New York.

Groundwater Sciences Corporation, September 30, 2005, *2005 Semiannual Groundwater Monitoring Report*, Former IBM Kingston, Kingston, New York.

Groundwater Sciences Corporation, March 31, 2006, *2005 Annual Groundwater Monitoring Report*, Former IBM Kingston, Kingston, New York.

Groundwater Sciences Corporation, September 30, 2006, *2006 Semiannual Groundwater Monitoring Report*, Former IBM Kingston, Kingston, New York.

Groundwater Sciences Corporation, March 31, 2007, *2006 Annual Groundwater Monitoring Report*, Former IBM Kingston, Kingston, New York.

Groundwater Sciences Corporation, September 28, 2007, *2007 Semiannual Groundwater Monitoring Report*, Former IBM Kingston, Kingston, New York.

Groundwater Sciences Corporation, March 28, 2008, *2007 Annual Groundwater Monitoring Report*, Former IBM Kingston, Kingston, New York.

Groundwater Sciences Corporation, September 28, 2008, *2008 Semiannual Groundwater Monitoring Report*, IBM Kingston, Kingston, New York.

Groundwater Sciences Corporation, March 29, 2009, *2008 Annual Groundwater Monitoring Report*, Former IBM Kingston, Kingston, New York.

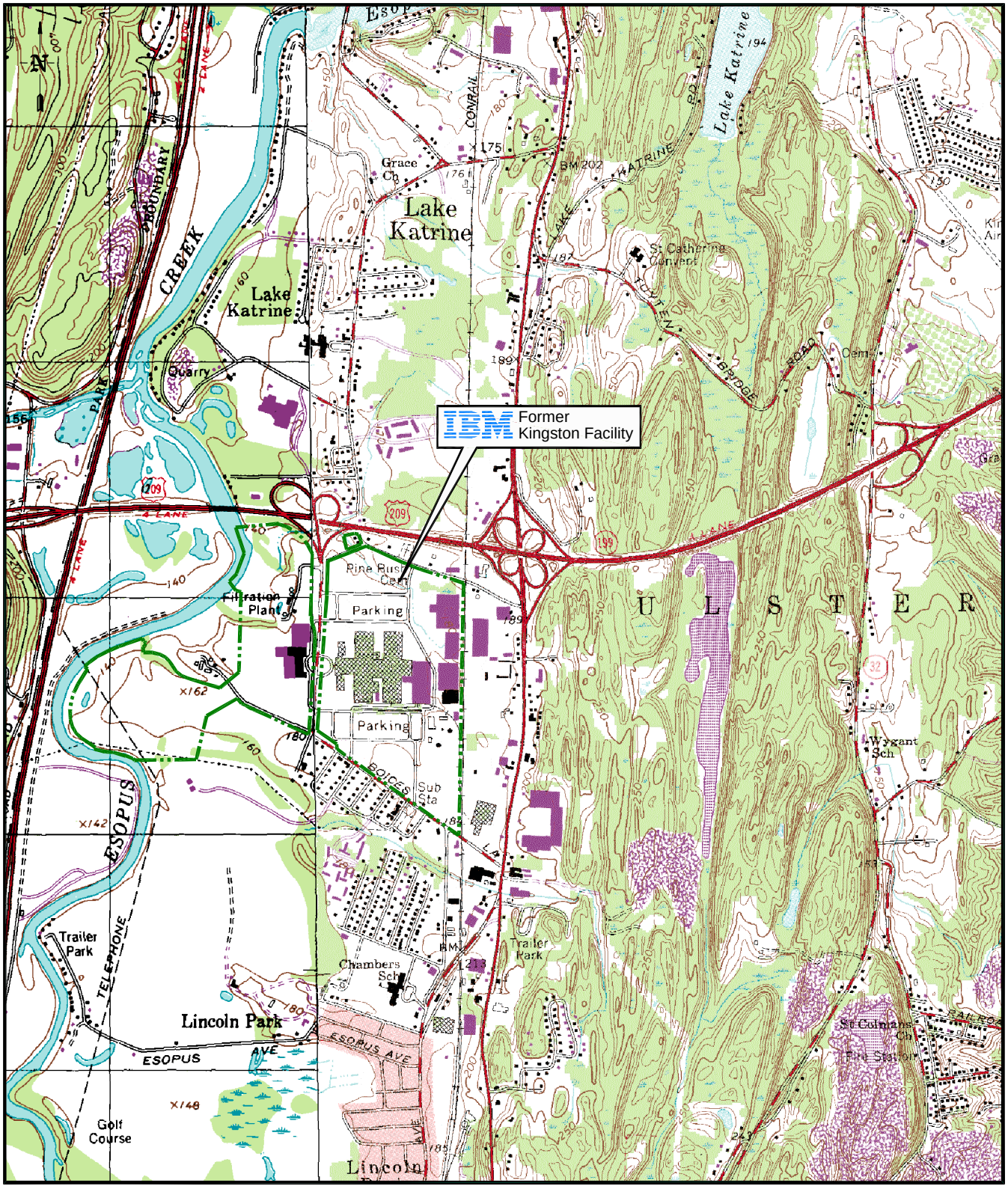
Groundwater Sciences Corporation, September 29, 2009, *2009 Semiannual Groundwater Monitoring Report*, IBM Kingston, Kingston, New York.

Groundwater Sciences Corporation, March 30, 2010, *2009 Annual Groundwater Monitoring Report*, Former IBM Kingston, Kingston, New York.

Groundwater Sciences Corporation, September 29, 2010, *2010 Semiannual Groundwater Monitoring Report*, IBM Kingston, Kingston, New York.

Groundwater Sciences Corporation, March 30, 2011, *2010 Annual Groundwater Monitoring Report*, Former IBM Kingston, Kingston, New York.

Wehran-EnviroTech, August 1994, *Technical Specifications for the Extension of the Groundwater Collection System*, IBM Kingston Facility, Mid-Hudson Valley, New York.



Portions of the Kingston East (1963, photorevised 1980)
and Kingston West (1997)
7.5 Minute USGS Quadrangles

Figure 1-1

Site Location Map

Scale
0 1000' 2000'

GROUNDWATER SCIENCES CORPORATION

93002-059-E1 / 09-17-09

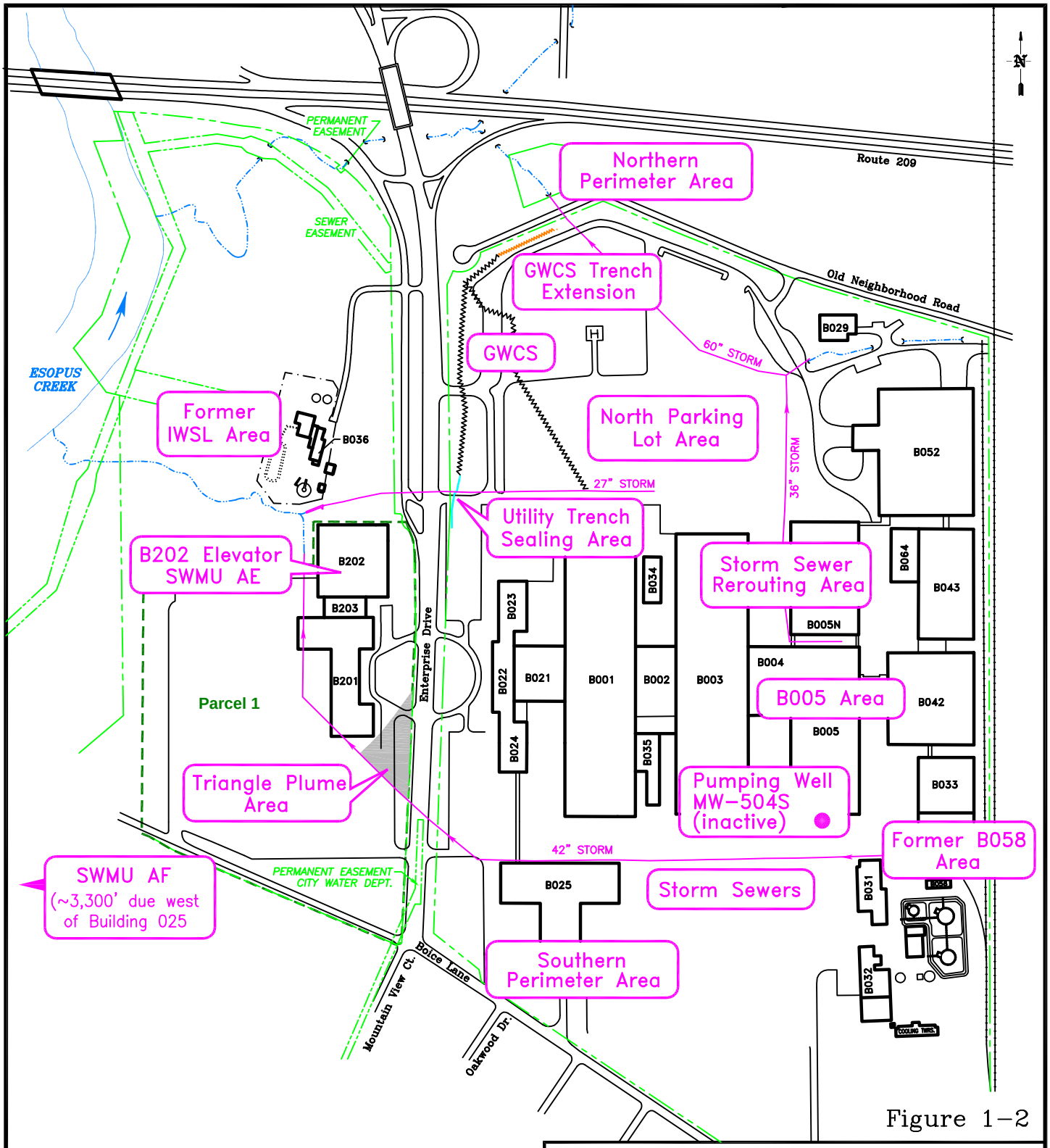


Figure 1-2

– Parcel Line (only Parcel 1 boundary shown on map)
– Property Line
– Railroad
– Fence
– Groundwater Collection System (GWCS)
– GWCS Trench Extension
– Storm Sewer
– Barrier Wall

Approximate Scale
0 250' 500'

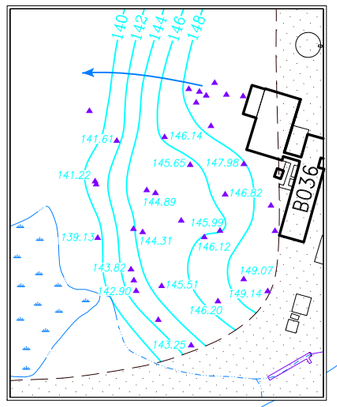
IBM
Kingston, New York

Site Areas Map

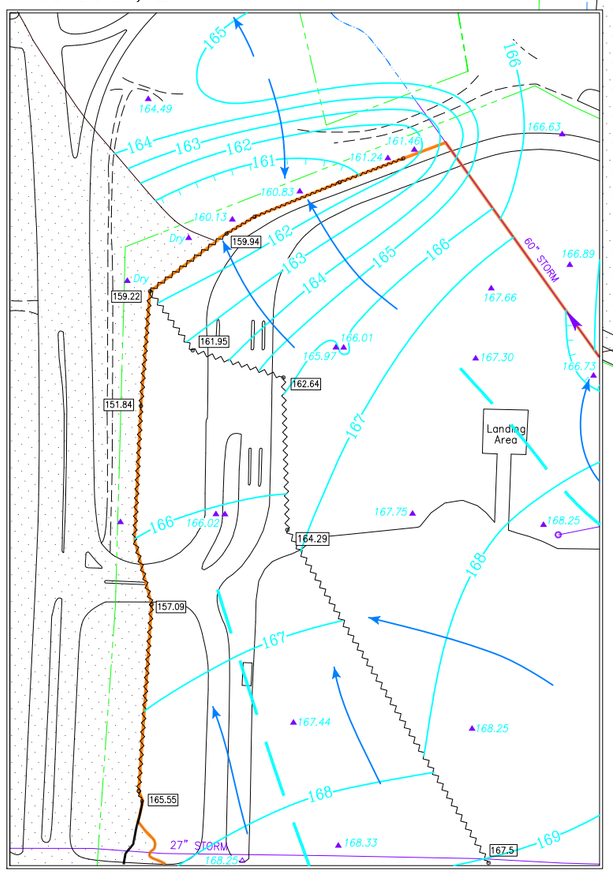
DRAWN BY: MJM	DATE: 3/11/10	DRAWING NO. 93002-028-L
CHECKED & APPROVED BY: CGR/DAB		

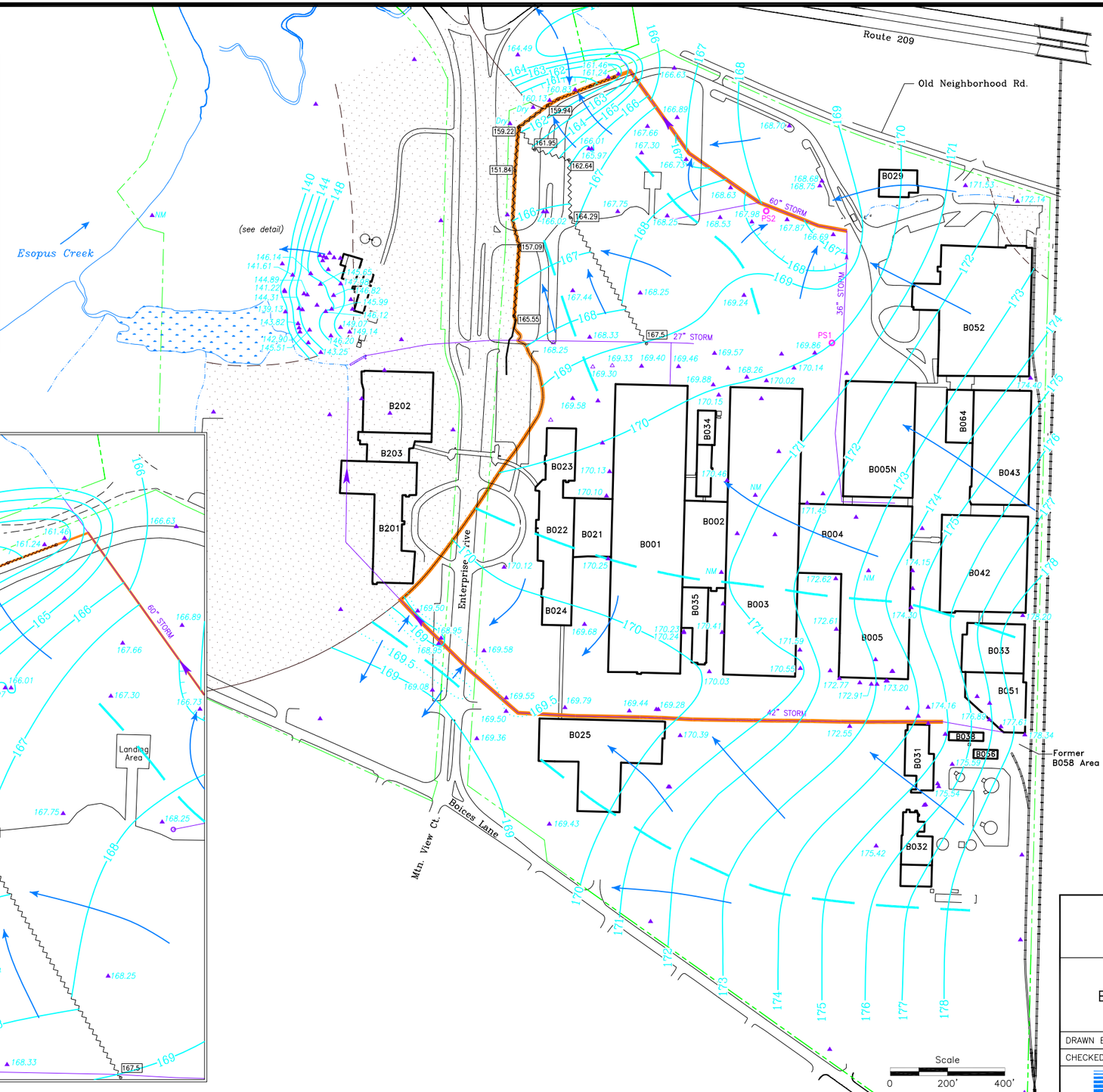
GROUNDWATER SCIENCES CORPORATION

IWSL Detail, 2X



GWCS Detail, 2X





▲ – Monitoring Well Location (installed in soil)

△ – Temporary Monitoring Point

○ – North Parking Lot Area Pump Station

– Property Line

– Site Control Perimeter

178 – Groundwater Elevation Contour

– Supplemental Groundwater Elevation Contour

178.32 – Groundwater Elevation

NM – Not Measured

– Groundwater Divide

– Inferred Direction of Groundwater Flow

– Groundwater Collection System (GWCS)

– GWCS Trench Extension

162.64 – GWCS Invert Elevation

– Subsurface Utility Trench Barrier Wall

– Perennially Saturated Shallow Sand Absent

Figure 3-1

IBM
Kingston, New York

Surficial Sand Aquifer Groundwater Elevation Contour Map, January 6, 2011 (First Quarter 2011)

DRAWN BY: MJM	DATE: 9/6/11	DRAWING NO. 93002-118-C
CHECKED & APPROVED BY: CBF		

GROUNDWATER SCIENCES CORPORATION

IWSL Detail, 2X

GWCS Detail, 2X

Esopus Creek

(see detail)

Route 209

Old Neighborhood Rd.

Enterprise Drive

Mtn. View Ct.

Boices Lane

Landing Area

Former B058 Area

60" STORM

36" STORM

42" STORM

27" STORM

PS1

PS2

B001 B002 B003 B004 B005 B021 B022 B023 B024 B025 B029 B031 B032 B033 B034 B035 B036 B038 B042 B043 B051 B052 B056 B064 B201 B202 B203

- ▲ – Monitoring Well Location (installed in soil)
- △ – Temporary Monitoring Point
- ○ – North Parking Lot Area Pump Station
- – Property Line
- – Site Control Perimeter
- 178 – Groundwater Elevation Contour
- – Supplemental Groundwater Elevation Contour
- 179.44 – Groundwater Elevation
- NM – Not Measured
- – Groundwater Divide
- – Inferred Direction of Groundwater Flow
- – Groundwater Collection System (GWCS)
- – GWCS Trench Extension
- 162.64 – GWCS Invert Elevation
- – Subsurface Utility Trench Barrier Wall
- – Perennially Saturated Shallow Sand Absent

Scale 0 200' 400'

Figure 3-2

IBM
Kingston, New York

Surficial Sand Aquifer Groundwater Elevation Contour Map, May 6, 2011 (Second Quarter 2011)

DRAWN BY: MHM	DATE: 9/6/11	DRAWING NO. 93002-118-D
CHECKED & APPROVED BY: CGY		

GROUNDWATER SCIENCES CORPORATION

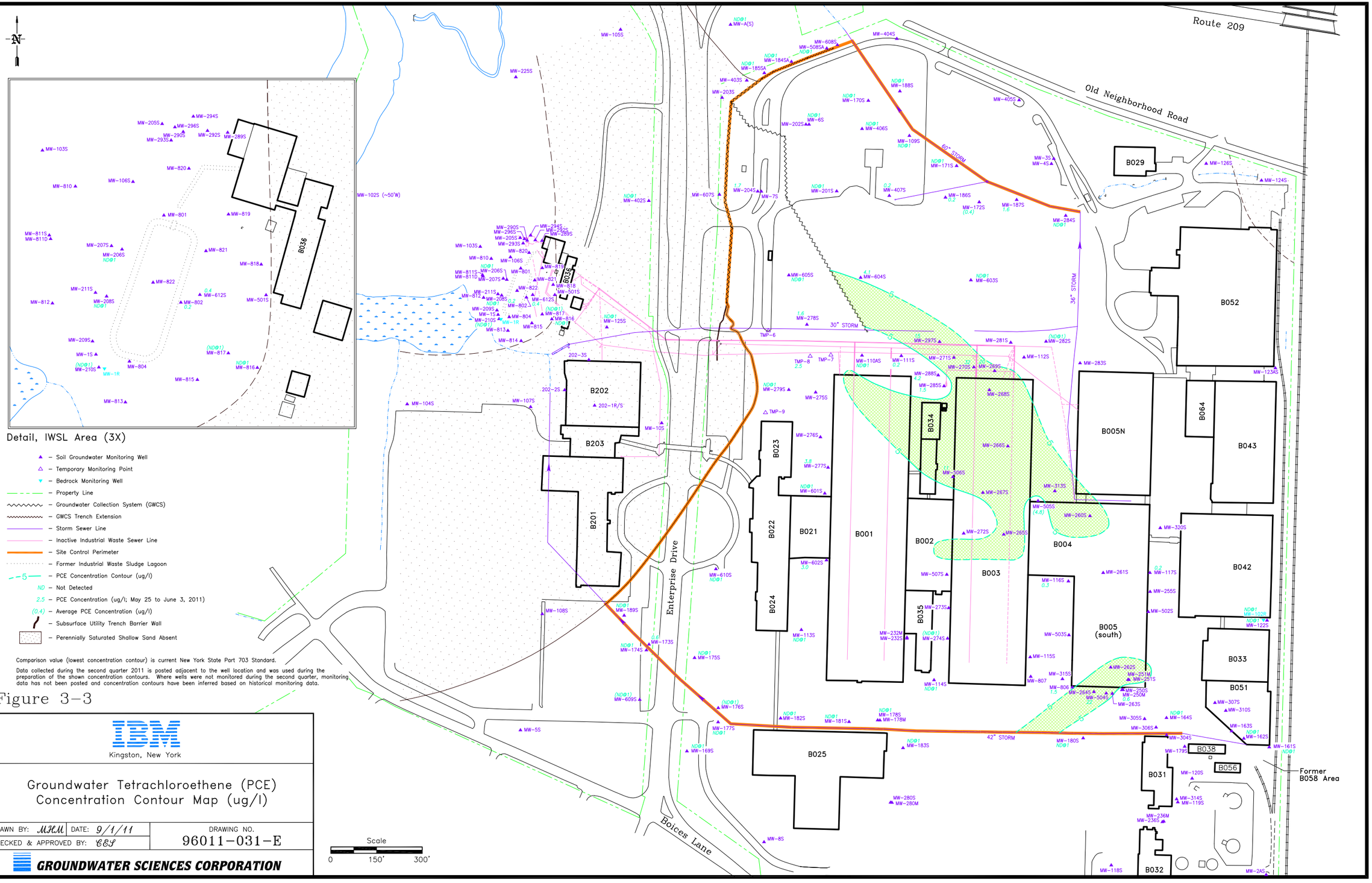


Figure 3-3

IBM
Kingston, New York

Groundwater Tetrachloroethene (PCE) Concentration Contour Map (ug/l)

DRAWN BY: MHM	DATE: 9/1/11	DRAWING NO.
CHECKED & APPROVED BY: CEL		96011-031-E

GROUNDWATER SCIENCES CORPORATION

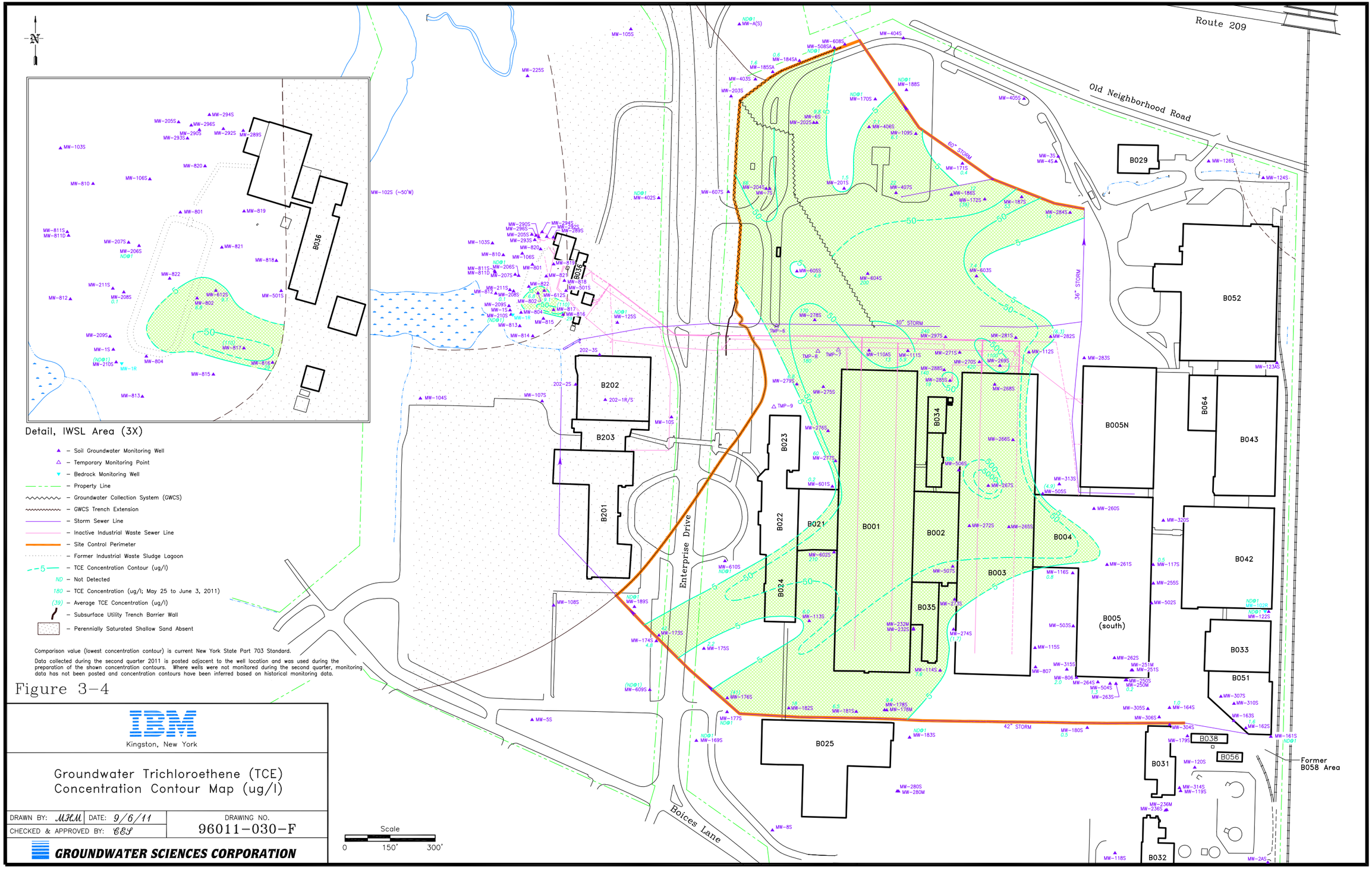


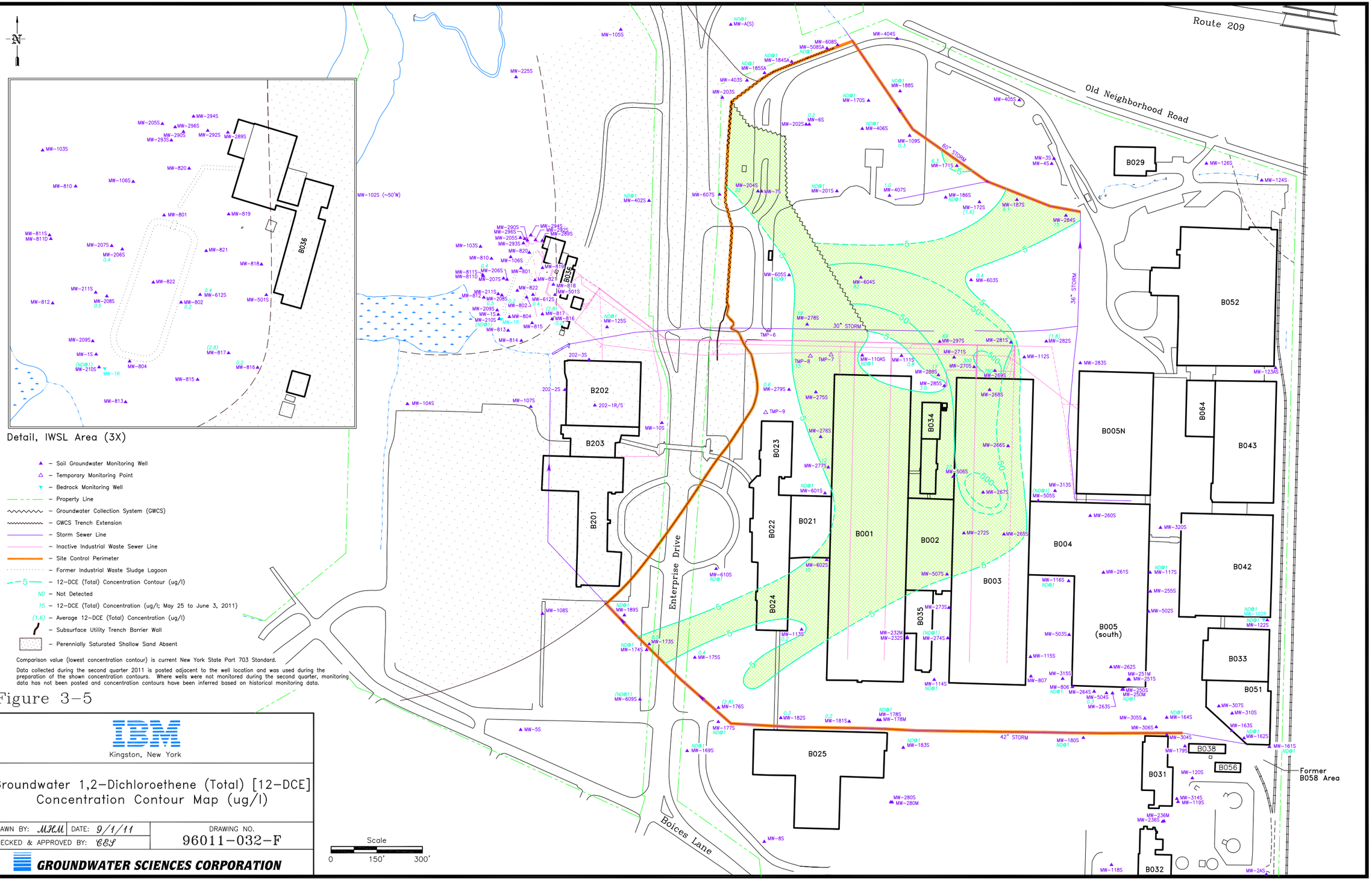
Figure 3-4

IBM
Kingston, New York

Groundwater Trichloroethene (TCE) Concentration Contour Map (ug/l)

DRAWN BY: MHM	DATE: 9/6/11	DRAWING NO. 96011-030-F
CHECKED & APPROVED BY: CES		

GROUNDWATER SCIENCES CORPORATION



Detail, IWSL Area (3X)

- ▲ – Soil Groundwater Monitoring Well
- △ – Temporary Monitoring Point
- ▼ – Bedrock Monitoring Well
- – Property Line
- – Groundwater Collection System (GWCS)
- – GWCS Trench Extension
- – Storm Sewer Line
- – Inactive Industrial Waste Sewer Line
- – Site Control Perimeter
- – Former Industrial Waste Sludge Lagoon
- 5 – 12-DCE (Total) Concentration Contour (ug/l)
- ND – Not Detected
- 15 – 12-DCE (Total) Concentration (ug/l; May 25 to June 3, 2011)
- (1.6) – Average 12-DCE (Total) Concentration (ug/l)
- – Subsurface Utility Trench Barrier Wall
- – Perennially Saturated Shallow Sand Absent

Comparison value (lowest concentration contour) is current New York State Part 703 Standard.

Data collected during the second quarter 2011 is posted adjacent to the well location and was used during the preparation of the shown concentration contours. Where wells were not monitored during the second quarter, monitoring data has not been posted and concentration contours have been inferred based on historical monitoring data.

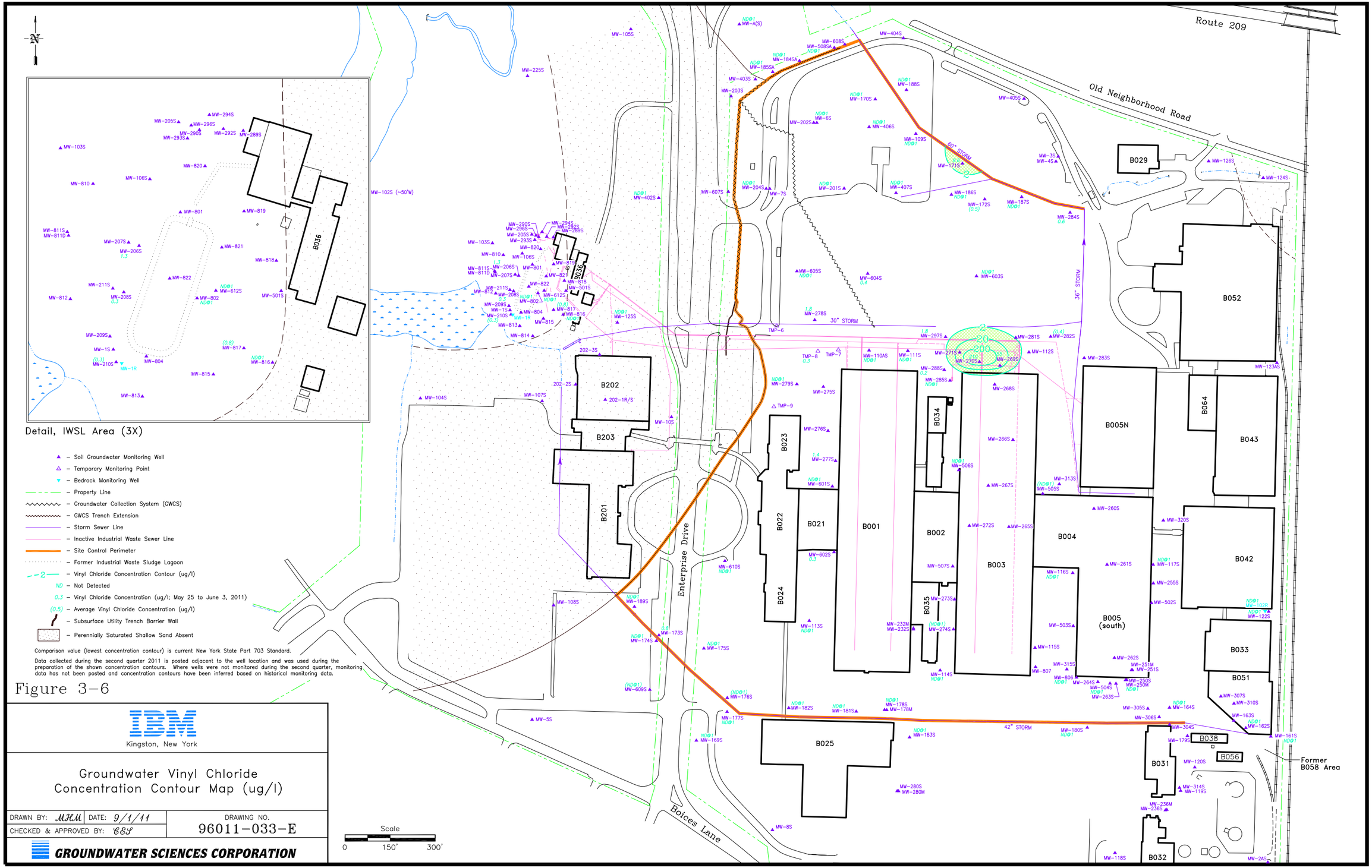
Figure 3-5

IBM
Kingston, New York

Groundwater 1,2-Dichloroethene (Total) [12-DCE] Concentration Contour Map (ug/l)

DRAWN BY: MHM	DATE: 9/1/11	DRAWING NO. 96011-032-F
CHECKED & APPROVED BY: CES		

GROUNDWATER SCIENCES CORPORATION



Detail, IWSL Area (3X)

- ▲ – Soil Groundwater Monitoring Well
- △ – Temporary Monitoring Point
- ▼ – Bedrock Monitoring Well
- – Property Line
- – Groundwater Collection System (GWCS)
- – GWCS Trench Extension
- – Storm Sewer Line
- – Inactive Industrial Waste Sewer Line
- – Site Control Perimeter
- – Former Industrial Waste Sludge Lagoon
- – Vinyl Chloride Concentration Contour (ug/l)
- ND – Not Detected
- 0.3 – Vinyl Chloride Concentration (ug/l; May 25 to June 3, 2011)
- (0.5) – Average Vinyl Chloride Concentration (ug/l)
- – Subsurface Utility Trench Barrier Wall
- – Perennially Saturated Shallow Sand Absent

Comparison value (lowest concentration contour) is current New York State Part 703 Standard.

Data collected during the second quarter 2011 is posted adjacent to the well location and was used during the preparation of the shown concentration contours. Where wells were not monitored during the second quarter, monitoring data has not been posted and concentration contours have been inferred based on historical monitoring data.

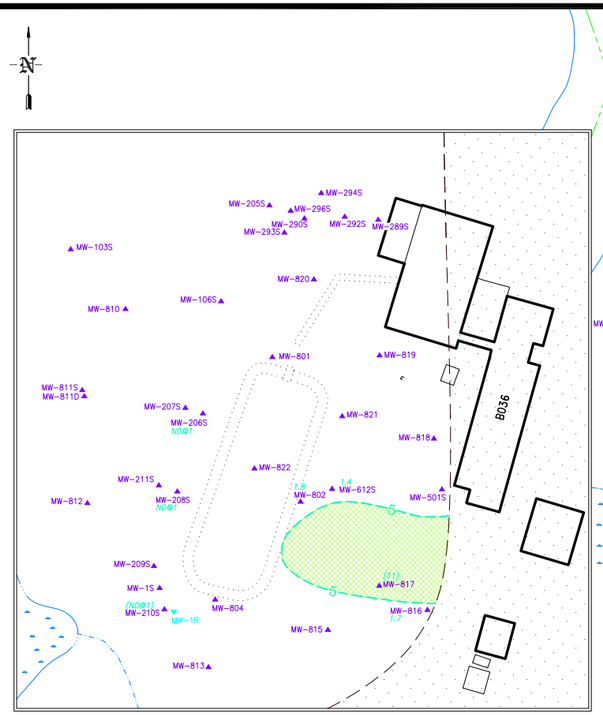
Figure 3-6

IBM
Kingston, New York

Groundwater Vinyl Chloride Concentration Contour Map (ug/l)

DRAWN BY: MHM DATE: 9/1/11	DRAWING NO. 96011-033-E
CHECKED & APPROVED BY: CES	

GROUNDWATER SCIENCES CORPORATION



Detail, IWSL Area (3X)

- ▲ – Soil Groundwater Monitoring Well
- △ – Temporary Monitoring Point
- ▼ – Bedrock Monitoring Well
- – Property Line
- – Groundwater Collection System (GWCS)
- – GWCS Trench Extension
- – Storm Sewer Line
- – Inactive Industrial Waste Sewer Line
- – Site Control Perimeter
- – Former Industrial Waste Sludge Lagoon
- 5 – 111-TCA Concentration Contour (ug/l)
- ND – Not Detected
- 300 – 111-TCA Concentration (ug/l; May 25 to June 3, 2011)
- (1.6) – Average 111-TCA Concentration (ug/l)
- – Subsurface Utility Trench Barrier Wall
- – Perennially Saturated Shallow Sand Absent

Comparison value (lowest concentration contour) is current New York State Part 703 Standard.

Data collected during the second quarter 2011 is posted adjacent to the well location and was used during the preparation of the shown concentration contours. Where wells were not monitored during the second quarter, monitoring data has not been posted and concentration contours have been inferred based on historical monitoring data.

Figure 3-7

IBM
Kingston, New York

Groundwater 1,1,1-Trichloroethane (111-TCA) Concentration Contour Map (ug/l)

DRAWN BY: MHM DATE: 9/1/11	DRAWING NO. 96011-029-E
CHECKED & APPROVED BY: CES	

GROUNDWATER SCIENCES CORPORATION

Scale
0 150' 300'

Route 209
Old Neighborhood Road
Enterprise Drive
Boices Lane
60" STORM
36" STORM
30" STORM
42" STORM
B029
B052
B005N
B064
B043
B034
B023
B202
B203
B201
B022
B021
B001
B002
B003
B004
B024
B035
B005 (south)
B042
B033
B051
B038
B056
B031
B032
B025
Former B058 Area

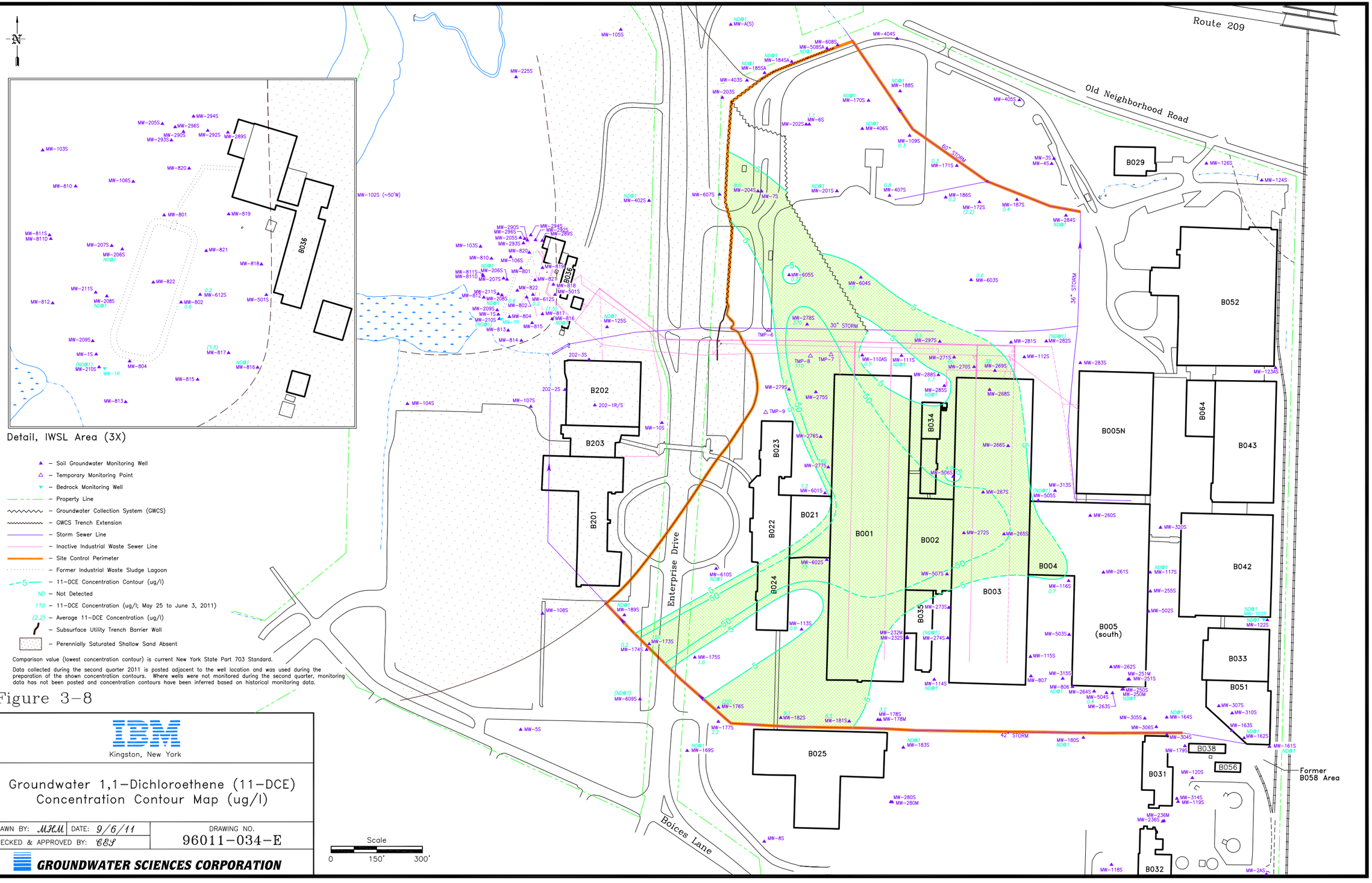


Figure 3-8

IBM
Kingston, New York

Groundwater 1,1-Dichloroethene (11-DCE) Concentration Contour Map (ug/l)

DRAWN BY: MHM	DATE: 9/6/11	DRAWING NO. 96011-034-E
CHECKED & APPROVED BY: CES		

GROUNDWATER SCIENCES CORPORATION

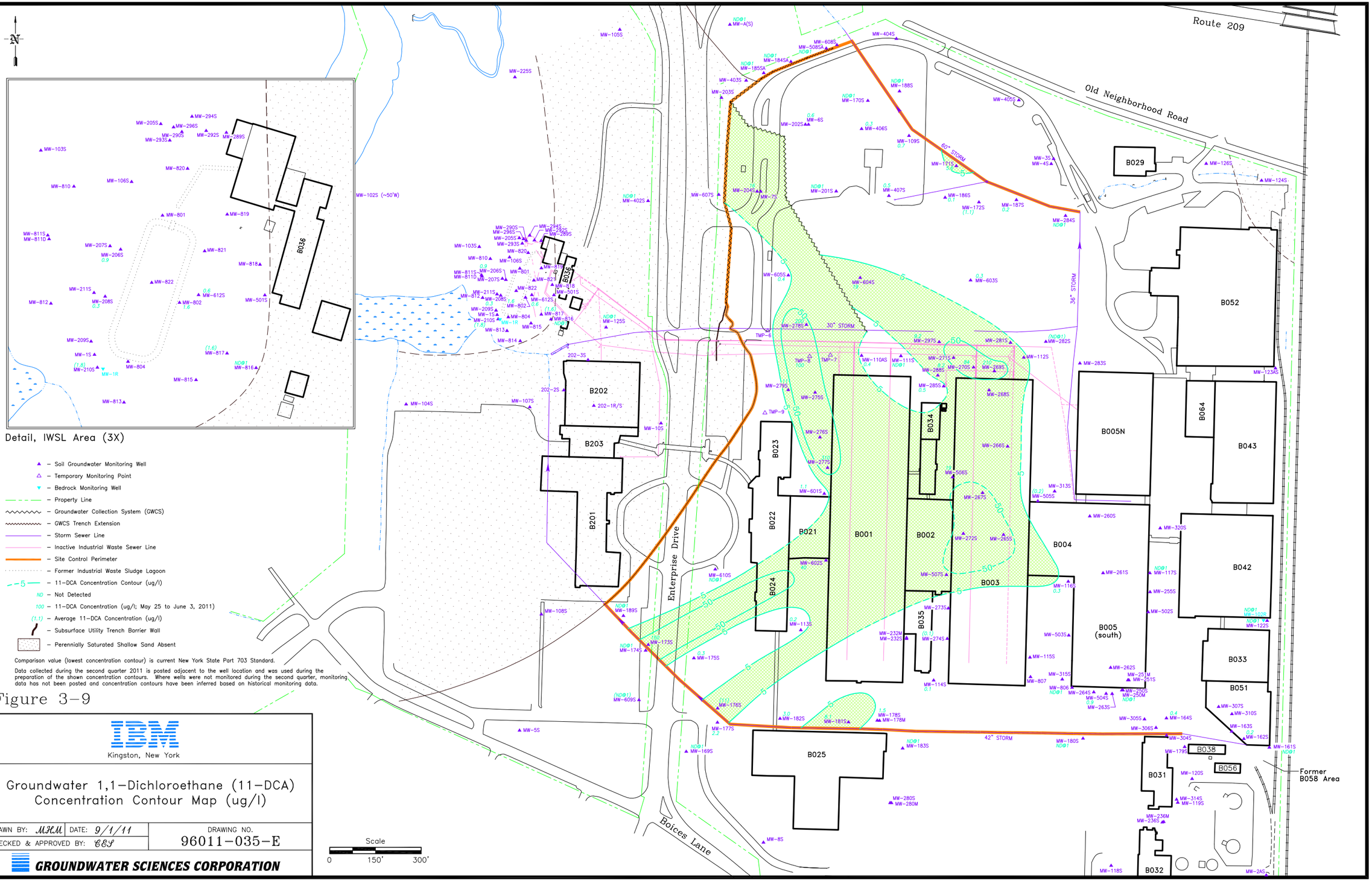


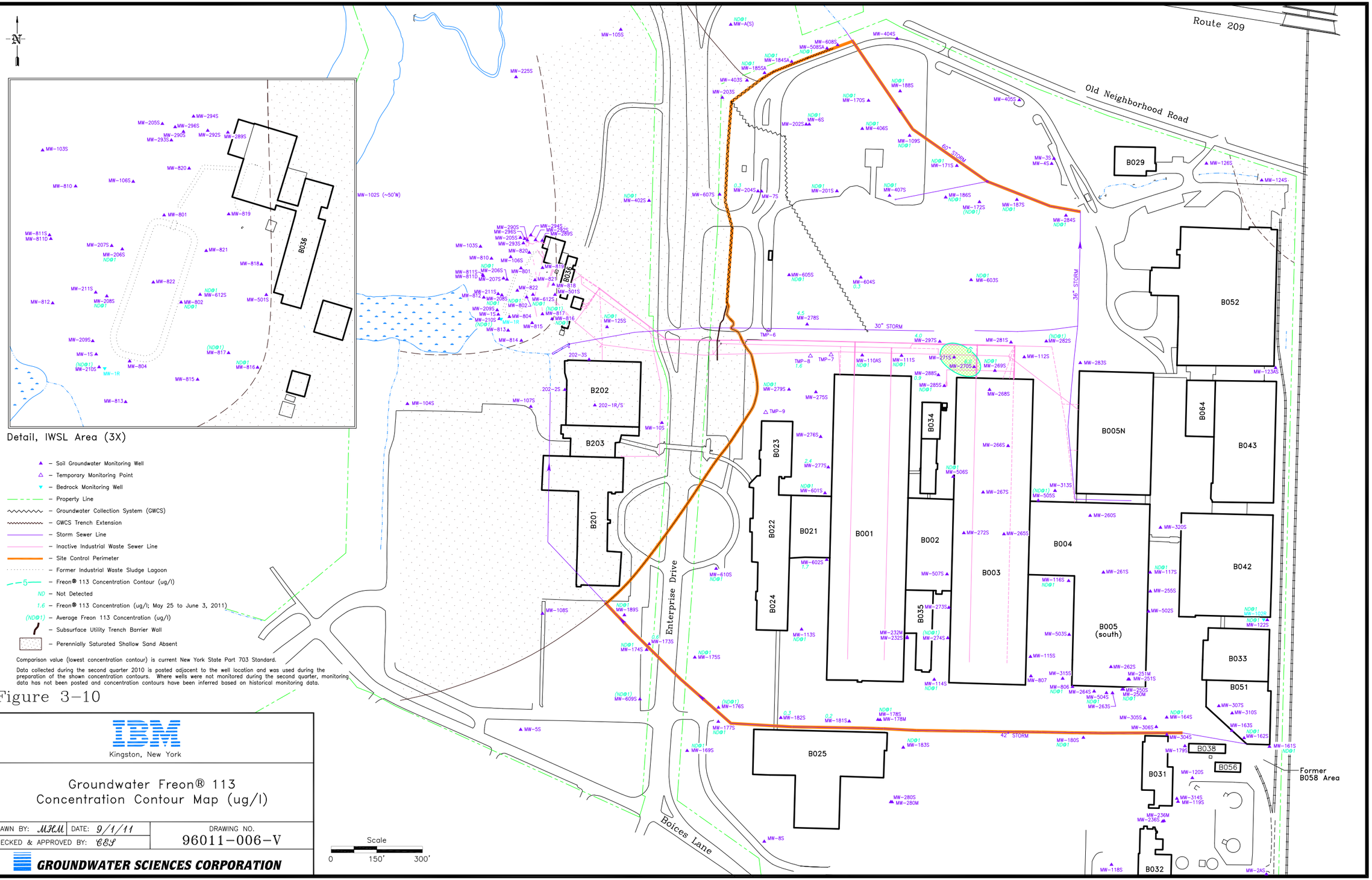
Figure 3–9

IBM
Kingston, New York

Groundwater 1,1–Dichloroethane (11–DCA) Concentration Contour Map (ug/l)

DRAWN BY: MHM DATE: 9/1/11	DRAWING NO. 96011–035–E
CHECKED & APPROVED BY: CES	

GROUNDWATER SCIENCES CORPORATION



Detail, IWSL Area (3X)

- ▲ – Soil Groundwater Monitoring Well
- △ – Temporary Monitoring Point
- ▼ – Bedrock Monitoring Well
- – Property Line
- – Groundwater Collection System (GWCS)
- – GWCS Trench Extension
- – Storm Sewer Line
- – Inactive Industrial Waste Sewer Line
- – Site Control Perimeter
- – Former Industrial Waste Sludge Lagoon
- –5– – Freon® 113 Concentration Contour (ug/l)
- ND – Not Detected
- 1.6 – Freon® 113 Concentration (ug/l; May 25 to June 3, 2011)
- (ND@1) – Average Freon 113 Concentration (ug/l)
- – Subsurface Utility Trench Barrier Wall
- – Perennially Saturated Shallow Sand Absent

Comparison value (lowest concentration contour) is current New York State Part 703 Standard.

Data collected during the second quarter 2010 is posted adjacent to the well location and was used during the preparation of the shown concentration contours. Where wells were not monitored during the second quarter, monitoring data has not been posted and concentration contours have been inferred based on historical monitoring data.

Figure 3–10

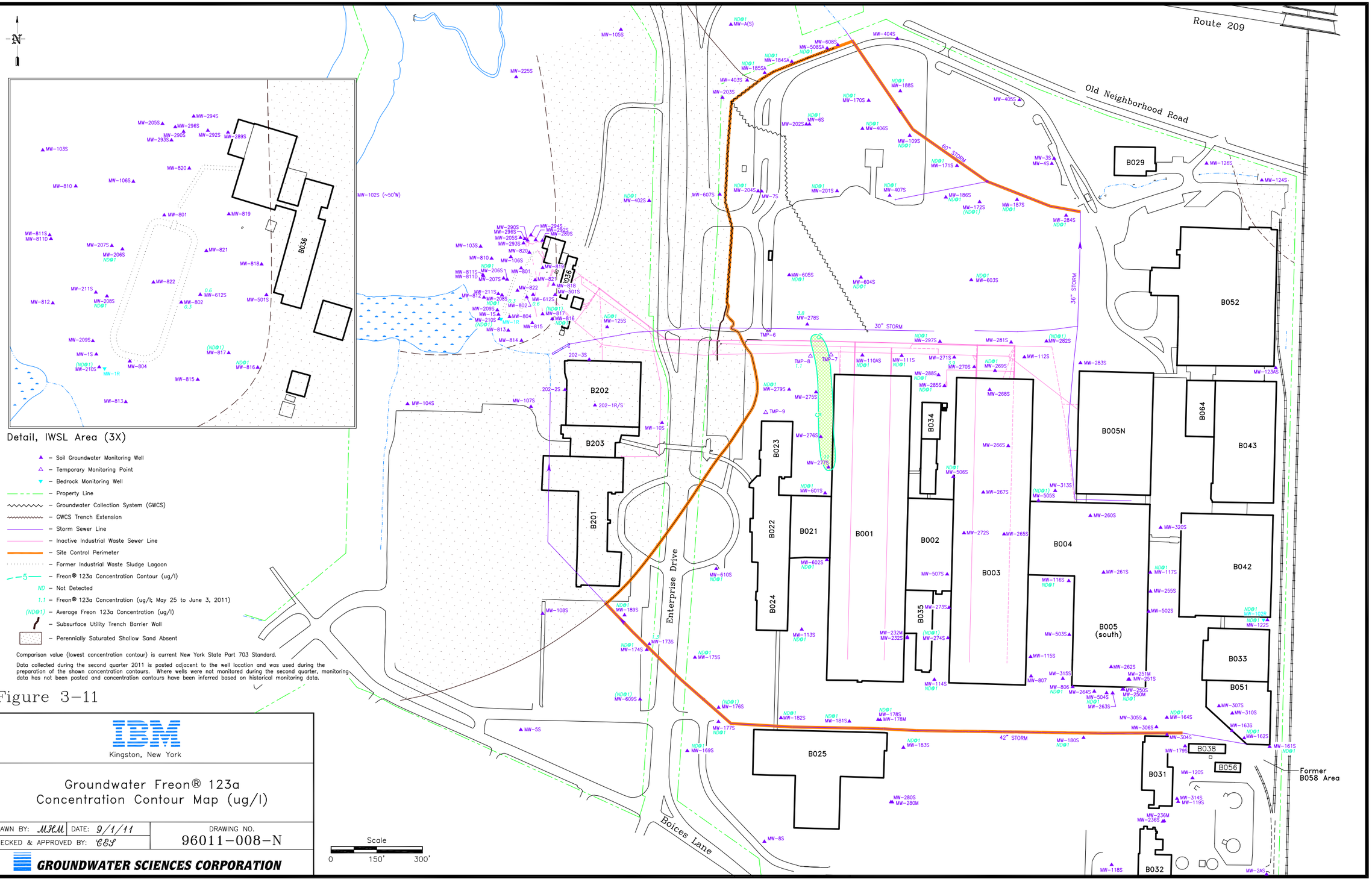
IBM
Kingston, New York

Groundwater Freon® 113 Concentration Contour Map (ug/l)

DRAWN BY: MHM DATE: 9/1/11	DRAWING NO. 96011–006–V
CHECKED & APPROVED BY: CES	

GROUNDWATER SCIENCES CORPORATION

Scale
0 150' 300'



Detail, IWSL Area (3X)

- ▲ – Soil Groundwater Monitoring Well
- △ – Temporary Monitoring Point
- ▼ – Bedrock Monitoring Well
- – Property Line
- – Groundwater Collection System (GWCS)
- – GWCS Trench Extension
- – Storm Sewer Line
- – Inactive Industrial Waste Sewer Line
- – Site Control Perimeter
- – Former Industrial Waste Sludge Lagoon
- –5– – Freon® 123a Concentration Contour (ug/l)
- ND – Not Detected
- 1.1 – Freon® 123a Concentration (ug/l; May 25 to June 3, 2011)
- (ND@1) – Average Freon 123a Concentration (ug/l)
- – Subsurface Utility Trench Barrier Wall
- – Perennially Saturated Shallow Sand Absent

Comparison value (lowest concentration contour) is current New York State Part 703 Standard.

Data collected during the second quarter 2011 is posted adjacent to the well location and was used during the preparation of the shown concentration contours. Where wells were not monitored during the second quarter, monitoring data has not been posted and concentration contours have been inferred based on historical monitoring data.

Figure 3-11

IBM
Kingston, New York

Groundwater Freon® 123a Concentration Contour Map (ug/l)

DRAWN BY: MHM	DATE: 9/1/11	DRAWING NO. 96011-008-N
CHECKED & APPROVED BY: CES		

GROUNDWATER SCIENCES CORPORATION

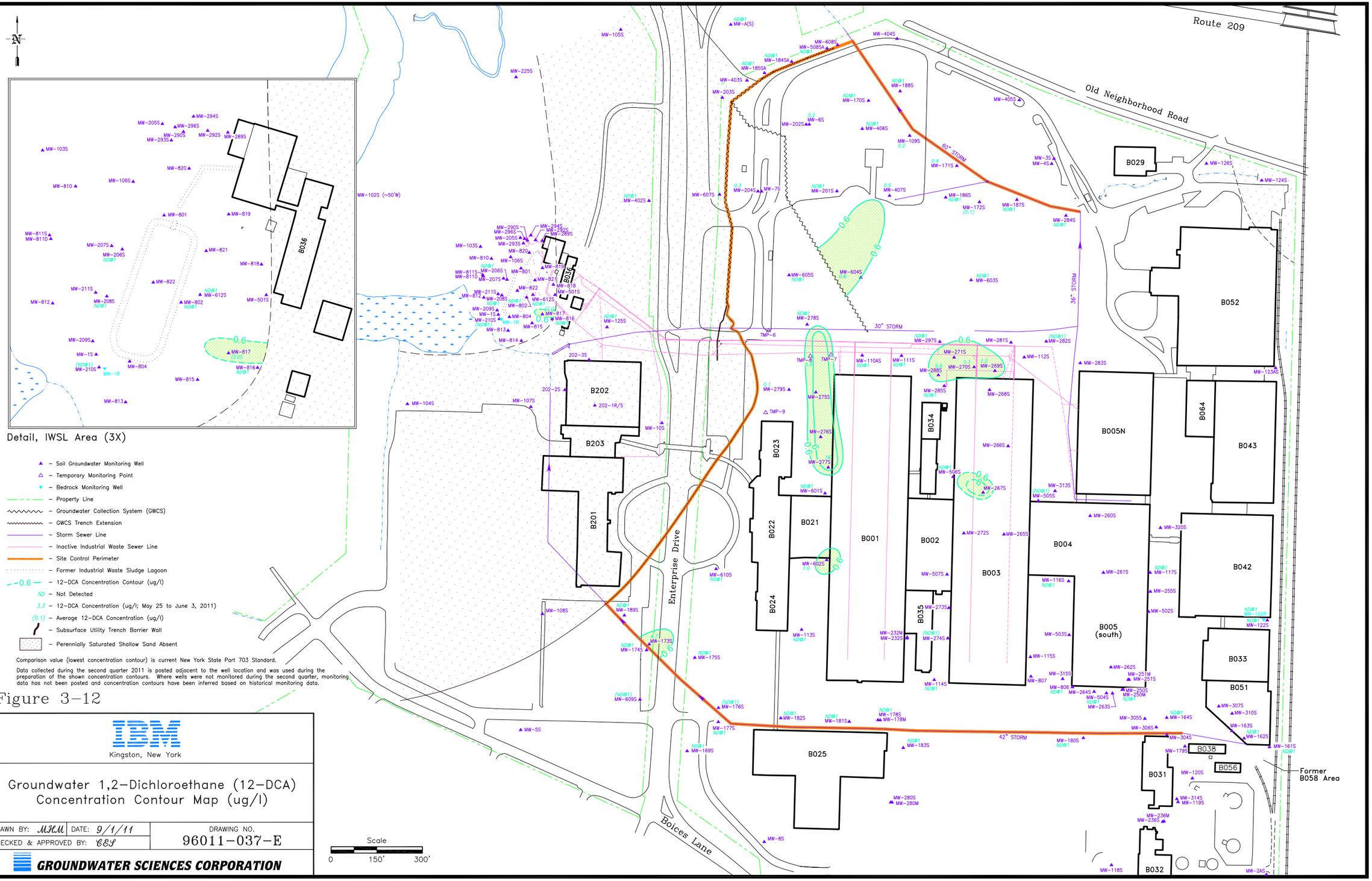

Route 209
Old Neighborhood Road
Enterprise Drive
Boices Lane
B036
B202
B203
B201
B023
B022
B024
B021
B001
B002
B003
B004
B005
(south)
B005N
B034
B035
B029
B052
B064
B043
B042
B033
B051
B038
B056
B031
B032
B025
Former
B058 Area
36" STORM
30" STORM
60" STORM
42" STORM
Detail, IWSL Area (3X)
Soil Groundwater Monitoring Well
Temporary Monitoring Point
Bedrock Monitoring Well
Property Line
Groundwater Collection System (GWCS)
GWCS Trench Extension
Storm Sewer Line
Inactive Industrial Waste Sewer Line
Site Control Perimeter
Former Industrial Waste Sludge Lagoon
12-DCA Concentration Contour (ug/l)
ND Not Detected
3.3 12-DCA Concentration (ug/l; May 25 to June 3, 2011)
(0.1) Average 12-DCA Concentration (ug/l)
Subsurface Utility Trench Barrier Wall
Perennially Saturated Shallow Sand Absent
Comparison value (lowest concentration contour) is current New York State Part 703 Standard.
Data collected during the second quarter 2011 is posted adjacent to the well location and was used during the preparation of the shown concentration contours. Where wells were not monitored during the second quarter, monitoring data has not been posted and concentration contours have been inferred based on historical monitoring data.
Scale
0 150' 300'
Kingston, New York
Groundwater 1,2-Dichloroethane (12-DCA)
Concentration Contour Map (ug/l)
DRAWN BY: MHM DATE: 9/1/11
CHECKED & APPROVED BY: CEY
DRAWING NO.
96011-037-E
GROUNDWATER SCIENCES CORPORATION

Figure 3-12

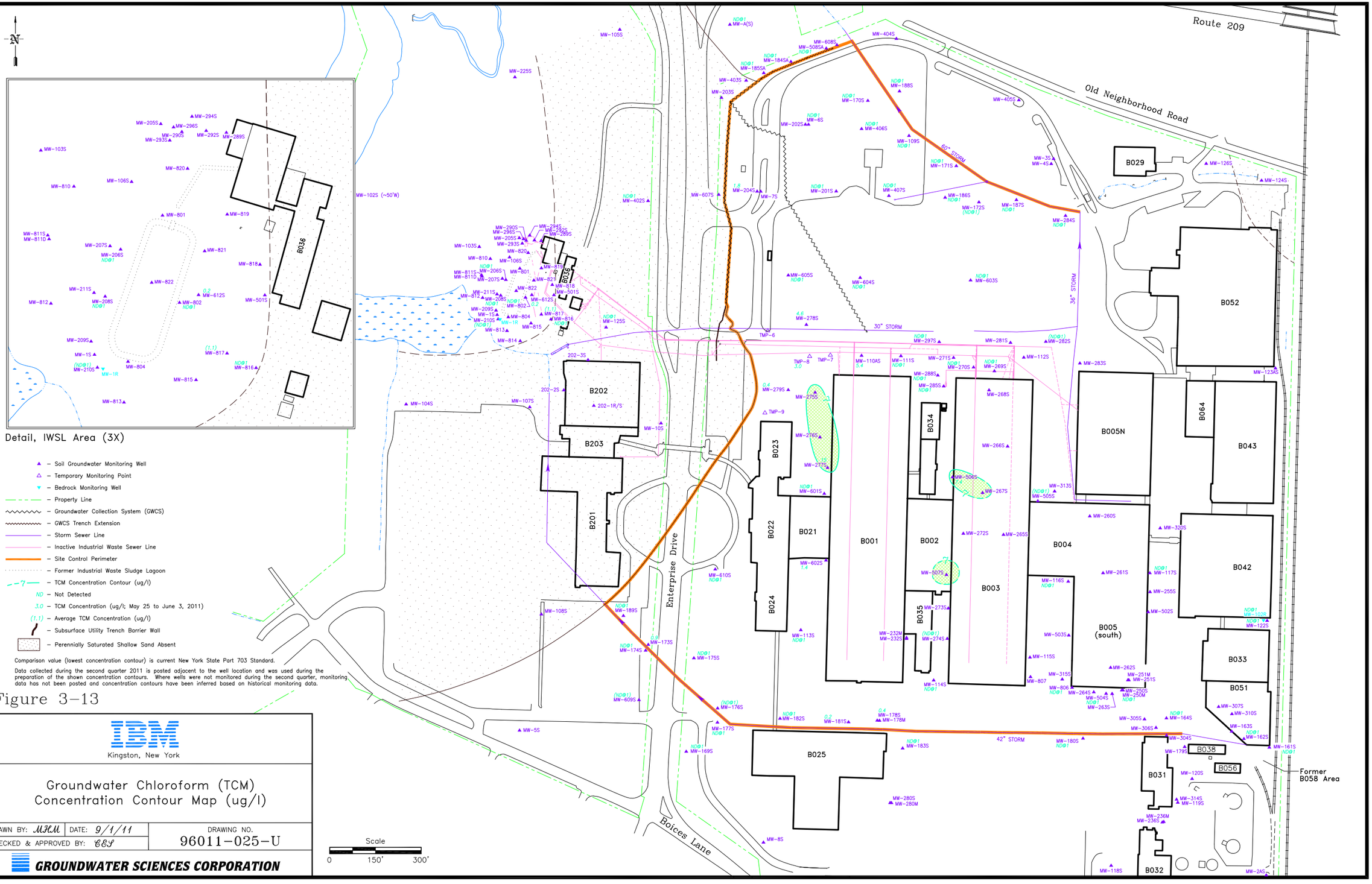


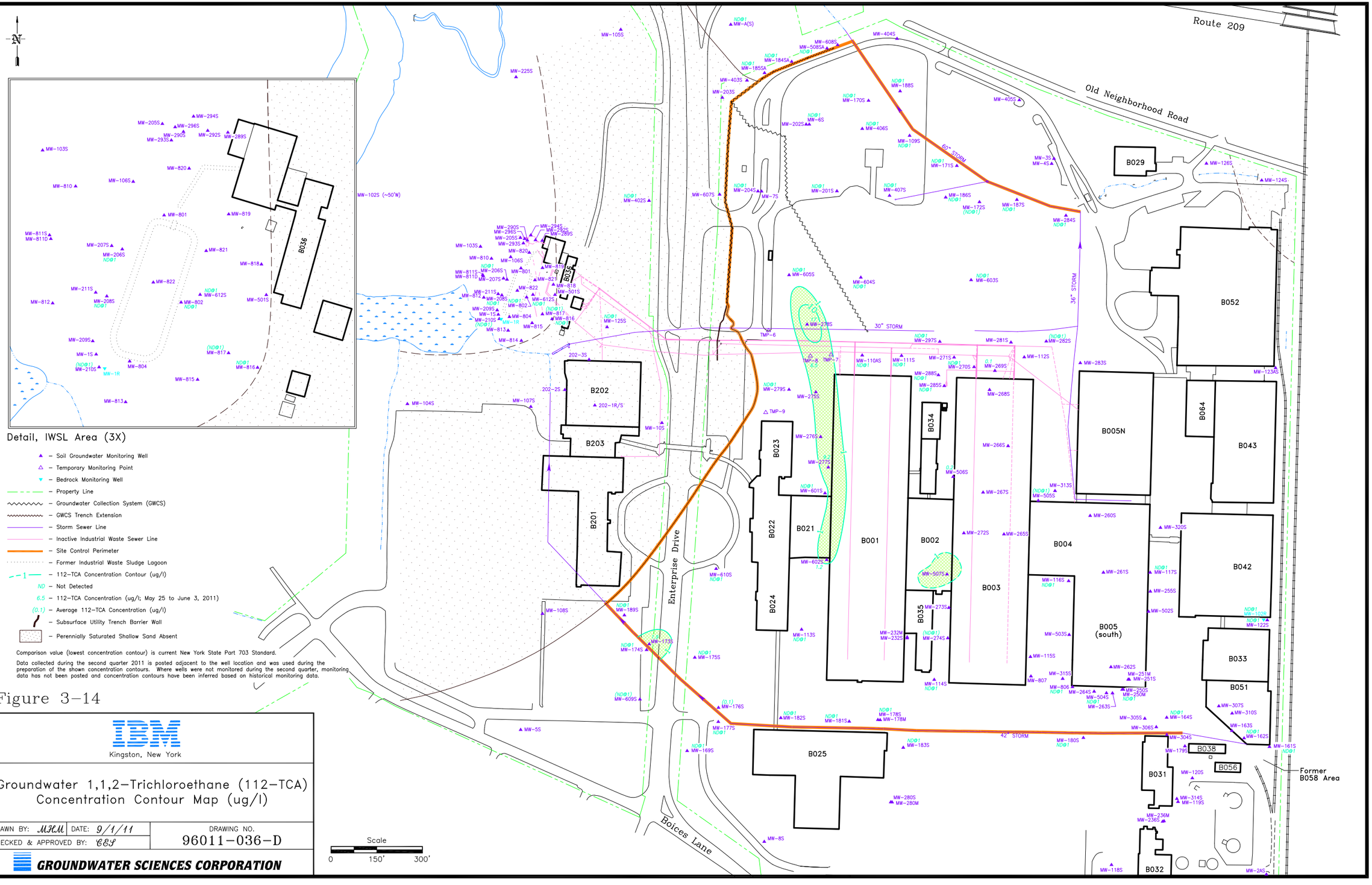
Figure 3-13

IBM
Kingston, New York

Groundwater Chloroform (TCM)
Concentration Contour Map (ug/l)

DRAWN BY: MHM	DATE: 9/1/11	DRAWING NO.
CHECKED & APPROVED BY: CES		96011-025-U

GROUNDWATER SCIENCES CORPORATION



Detail, IWSL Area (3X)

- ▲ – Soil Groundwater Monitoring Well
- △ – Temporary Monitoring Point
- ▼ – Bedrock Monitoring Well
- – Property Line
- – Groundwater Collection System (GWCS)
- – GWCS Trench Extension
- – Storm Sewer Line
- – Inactive Industrial Waste Sewer Line
- – Site Control Perimeter
- – Former Industrial Waste Sludge Lagoon
- – 112–TCA Concentration Contour (ug/l)
- ND – Not Detected
- 6.5 – 112–TCA Concentration (ug/l; May 25 to June 3, 2011)
- (0.1) – Average 112–TCA Concentration (ug/l)
- – Subsurface Utility Trench Barrier Wall
- – Perennially Saturated Shallow Sand Absent

Comparison value (lowest concentration contour) is current New York State Part 703 Standard.

Data collected during the second quarter 2011 is posted adjacent to the well location and was used during the preparation of the shown concentration contours. Where wells were not monitored during the second quarter, monitoring data has not been posted and concentration contours have been inferred based on historical monitoring data.

Figure 3–14

IBM
Kingston, New York

Groundwater 1,1,2–Trichloroethane (112–TCA) Concentration Contour Map (ug/l)

DRAWN BY: MHM	DATE: 9/1/11	DRAWING NO. 96011–036–D
CHECKED & APPROVED BY: CES		

GROUNDWATER SCIENCES CORPORATION

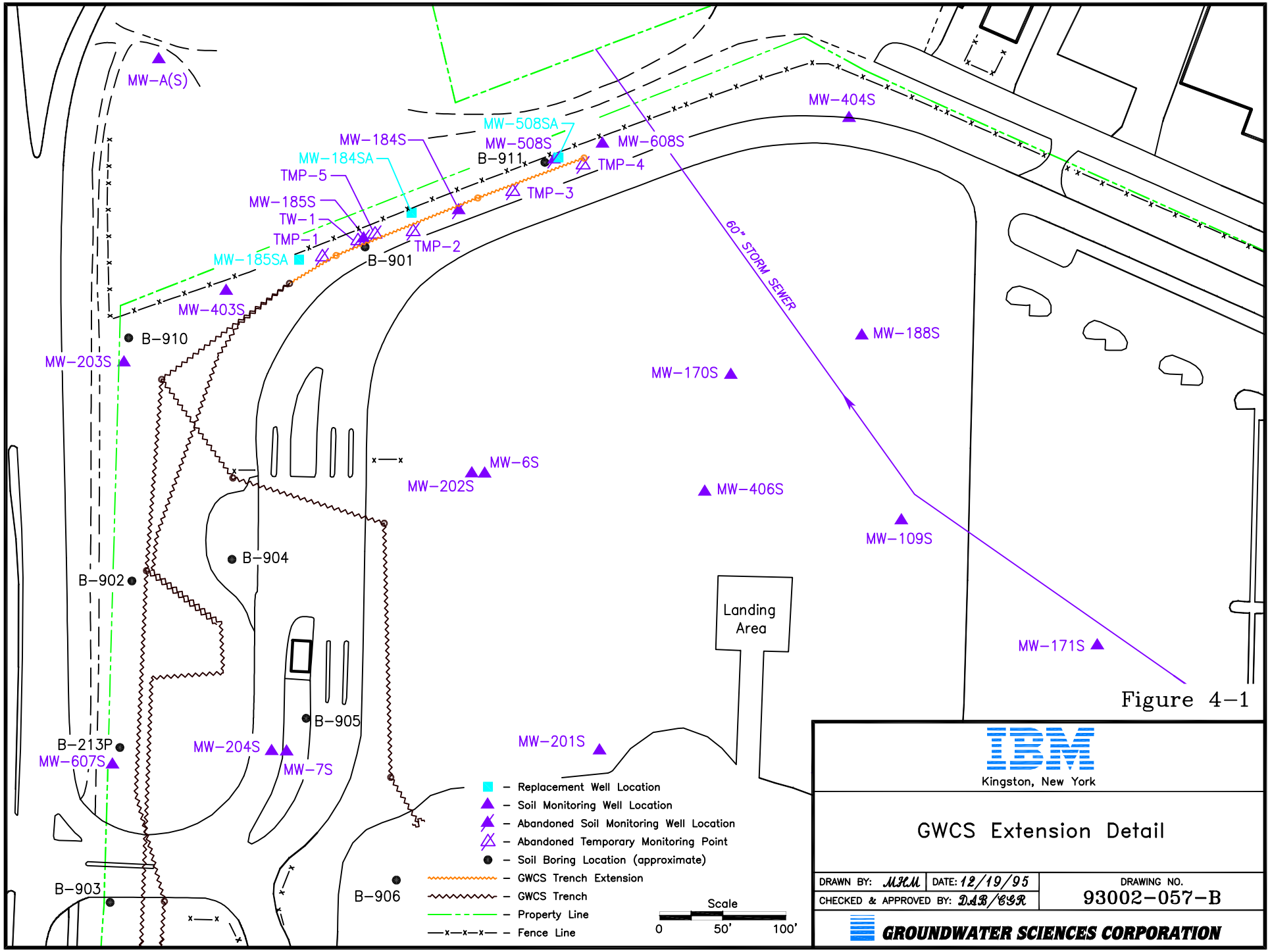


Figure 4-1

IBM
Kingston, New York

GWCS Extension Detail

DRAWN BY: MJM	DATE: 12/19/95	DRAWING NO. 93002-057-B
CHECKED & APPROVED BY: DAR/CGR		

GROUNDWATER SCIENCES CORPORATION

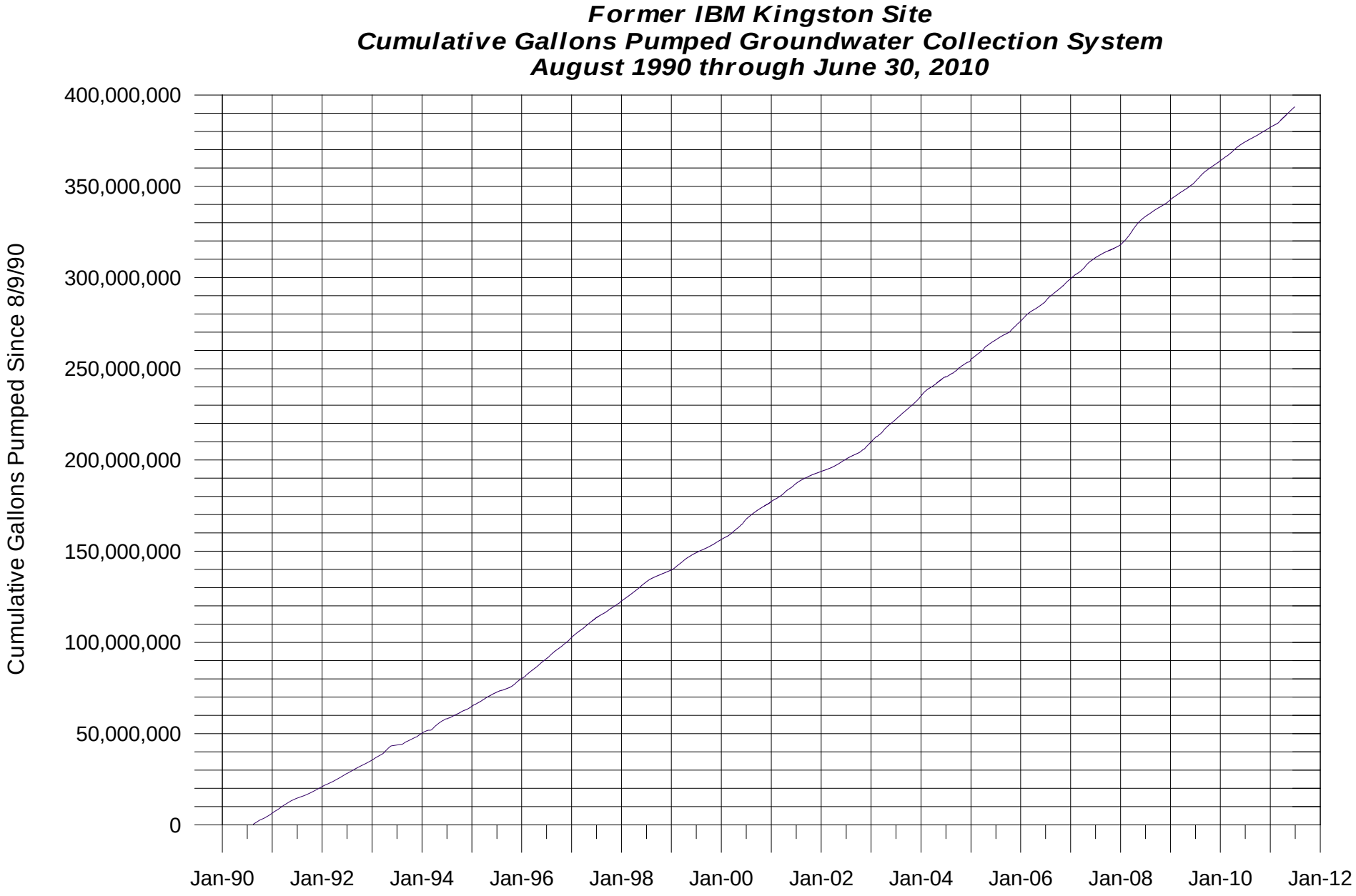

Former IBM Kingston Site
Cumulative Gallons Pumped Groundwater Collection System
August 1990 through June 30, 2010
Cumulative Gallons Pumped Since 8/9/90
400,000,000
350,000,000
300,000,000
250,000,000
200,000,000
150,000,000
100,000,000
50,000,000
0
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12

Figure 4-2

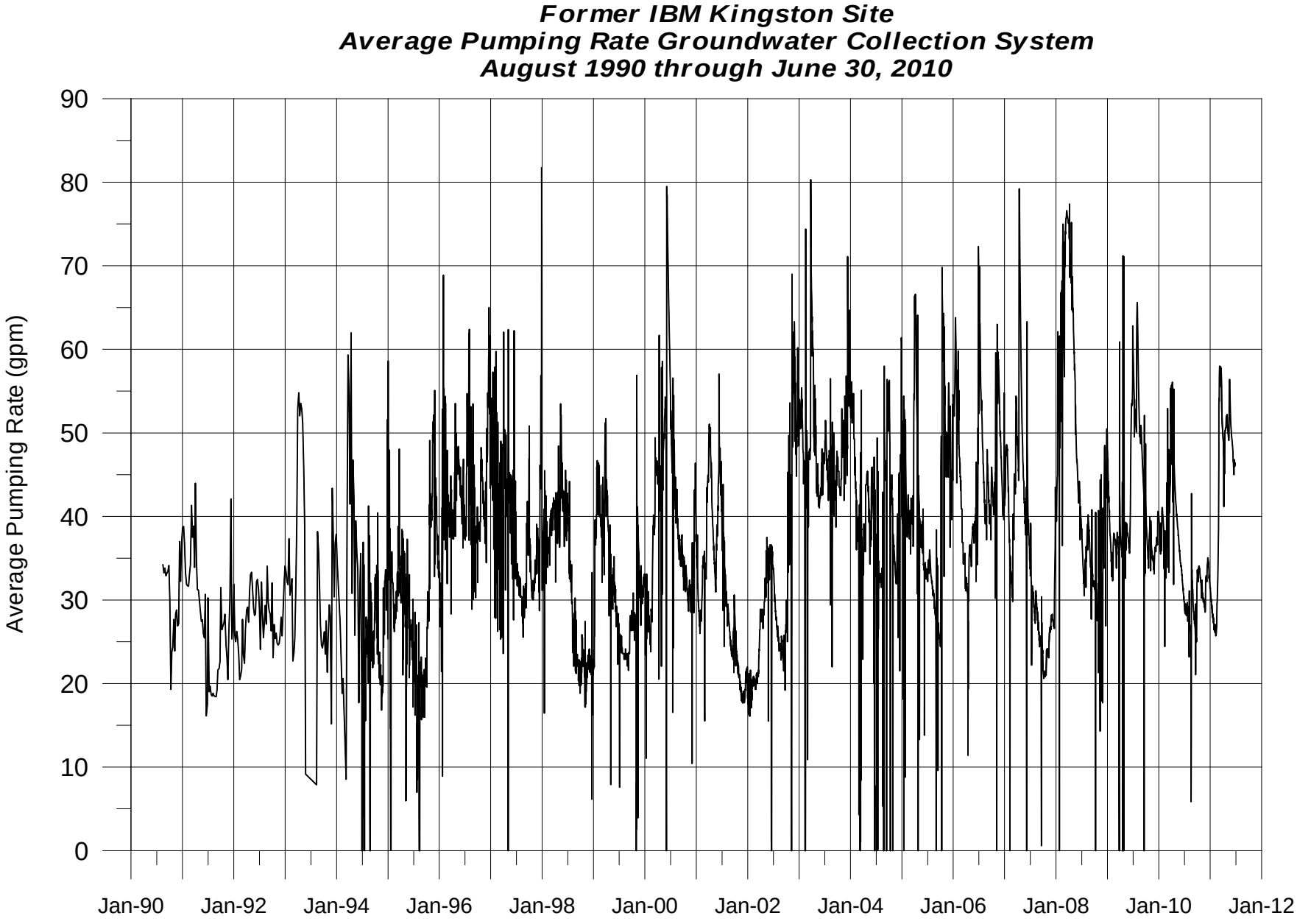

Former IBM Kingston Site
Average Pumping Rate Groundwater Collection System
August 1990 through June 30, 2010
Average Pumping Rate (gpm)
90
80
70
60
50
40
30
20
10
0
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12

Figure 4-3

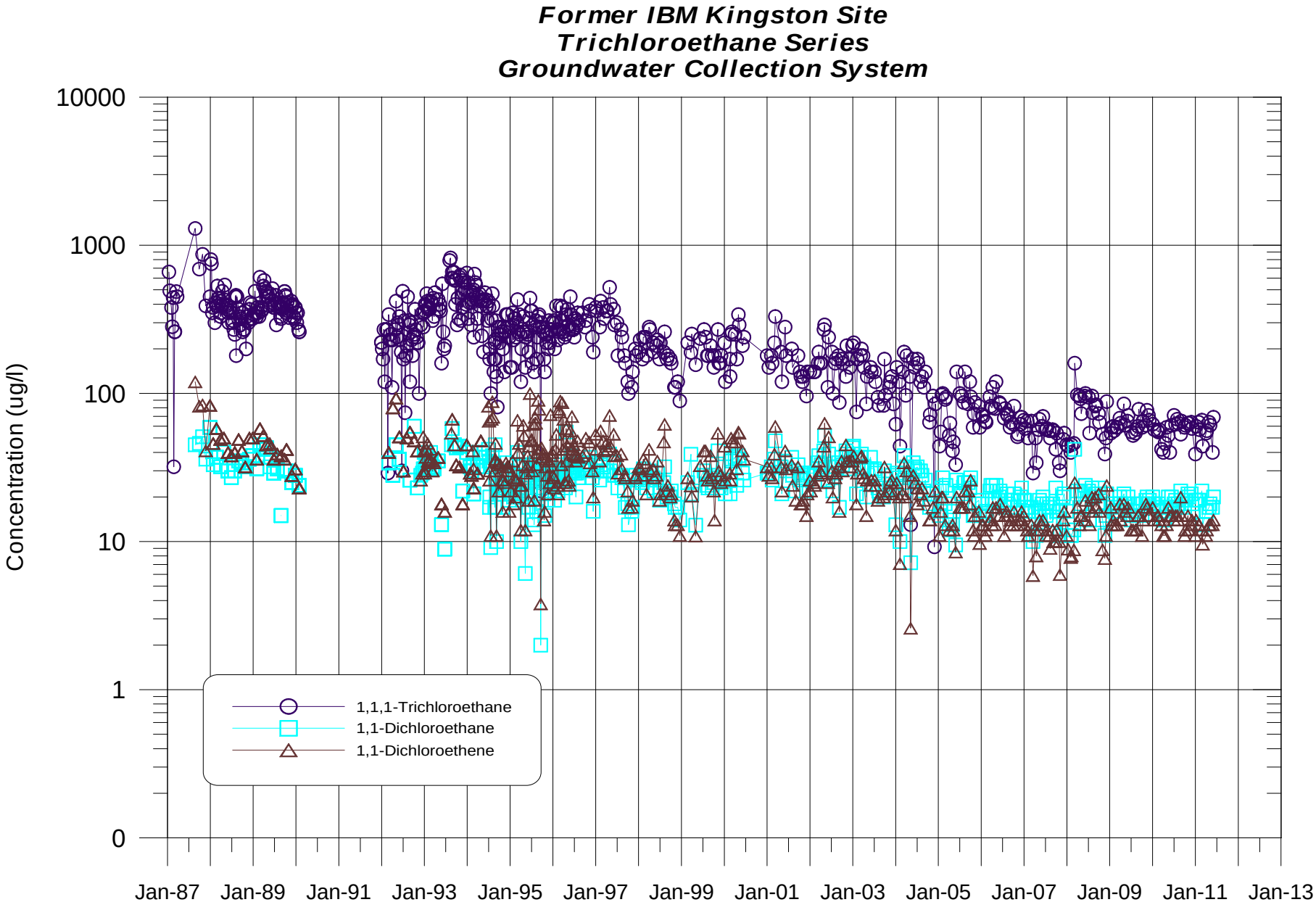

Former IBM Kingston Site
Trichloroethane Series
Groundwater Collection System
Concentration (ug/l)
10000
1000
100
10
1
0
Jan-87
Jan-89
Jan-91
Jan-93
Jan-95
Jan-97
Jan-99
Jan-01
Jan-03
Jan-05
Jan-07
Jan-09
Jan-11
Jan-13
1,1,1-Trichloroethane
1,1-Dichloroethane
1,1-Dichloroethene

Figure 4-4

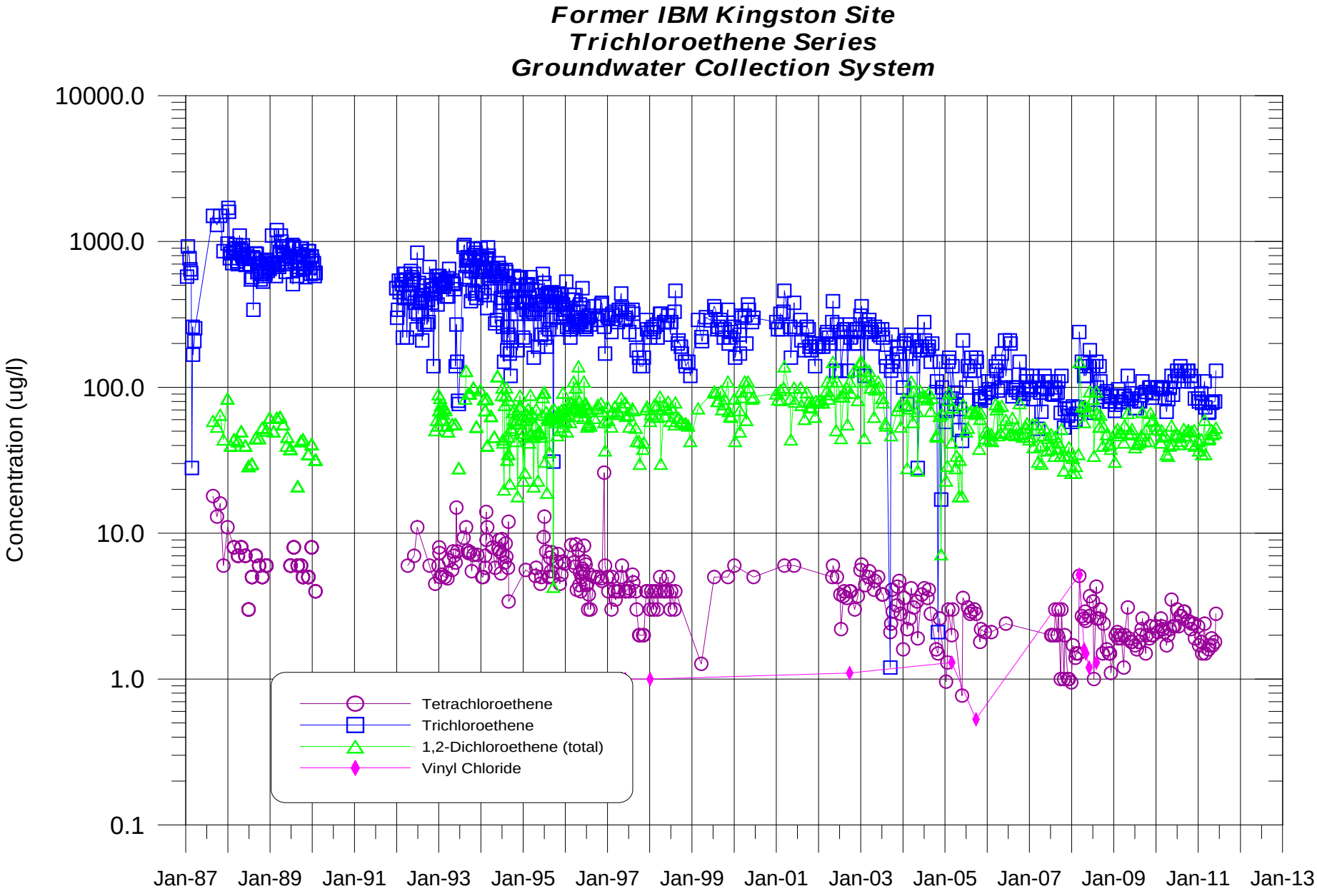
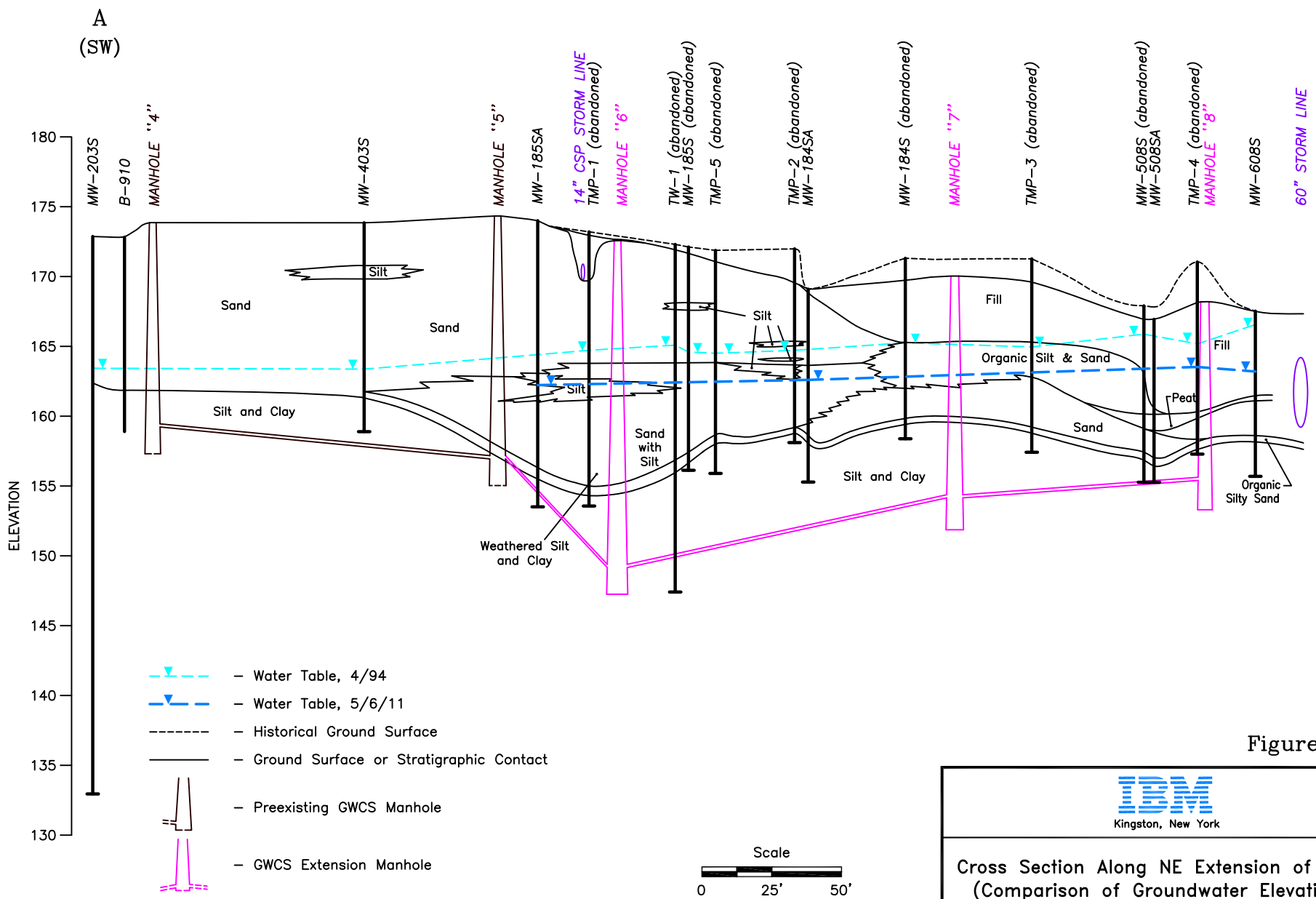

Former IBM Kingston Site
Trichloroethene Series
Groundwater Collection System
Concentration (ug/l)
10000.0
1000.0
100.0
10.0
1.0
0.1
Jan-87
Jan-89
Jan-91
Jan-93
Jan-95
Jan-97
Jan-99
Jan-01
Jan-03
Jan-05
Jan-07
Jan-09
Jan-11
Jan-13
Tetrachloroethene
Trichloroethene
1,2-Dichloroethene (total)
Vinyl Chloride

Figure 4-5



Note: GWCS extension manholes and most monitoring wells were projected into section; distance of projection less than 20 feet.

Figure 4-6

IBM
Kingston, New York

Cross Section Along NE Extension of GWCS (Comparison of Groundwater Elevations)

DRAWN BY: MKM	DATE: 9/7/11	DRAWING NO.
CHECKED & APPROVED BY: SMF/CBY		94006-CS35

GROUNDWATER SCIENCES CORPORATION

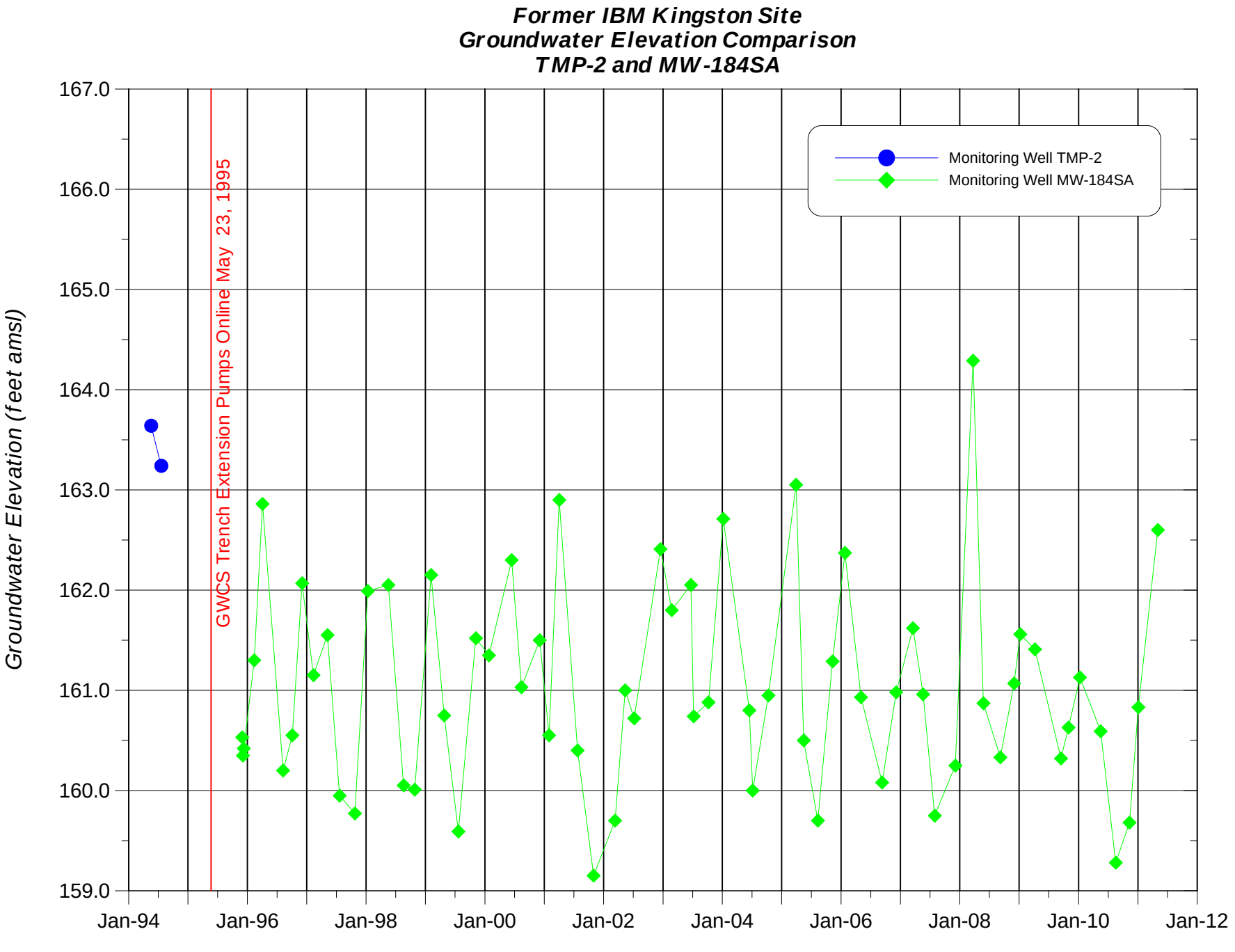

Former IBM Kingston Site
Groundwater Elevation Comparison
TMP-2 and MW-184SA
Groundwater Elevation (feet amsl)
167.0
166.0
165.0
164.0
163.0
162.0
161.0
160.0
159.0
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
GWCS Trench Extension Pumps Online May 23, 1995
Monitoring Well TMP-2
Monitoring Well MW-184SA

Figure 4-7

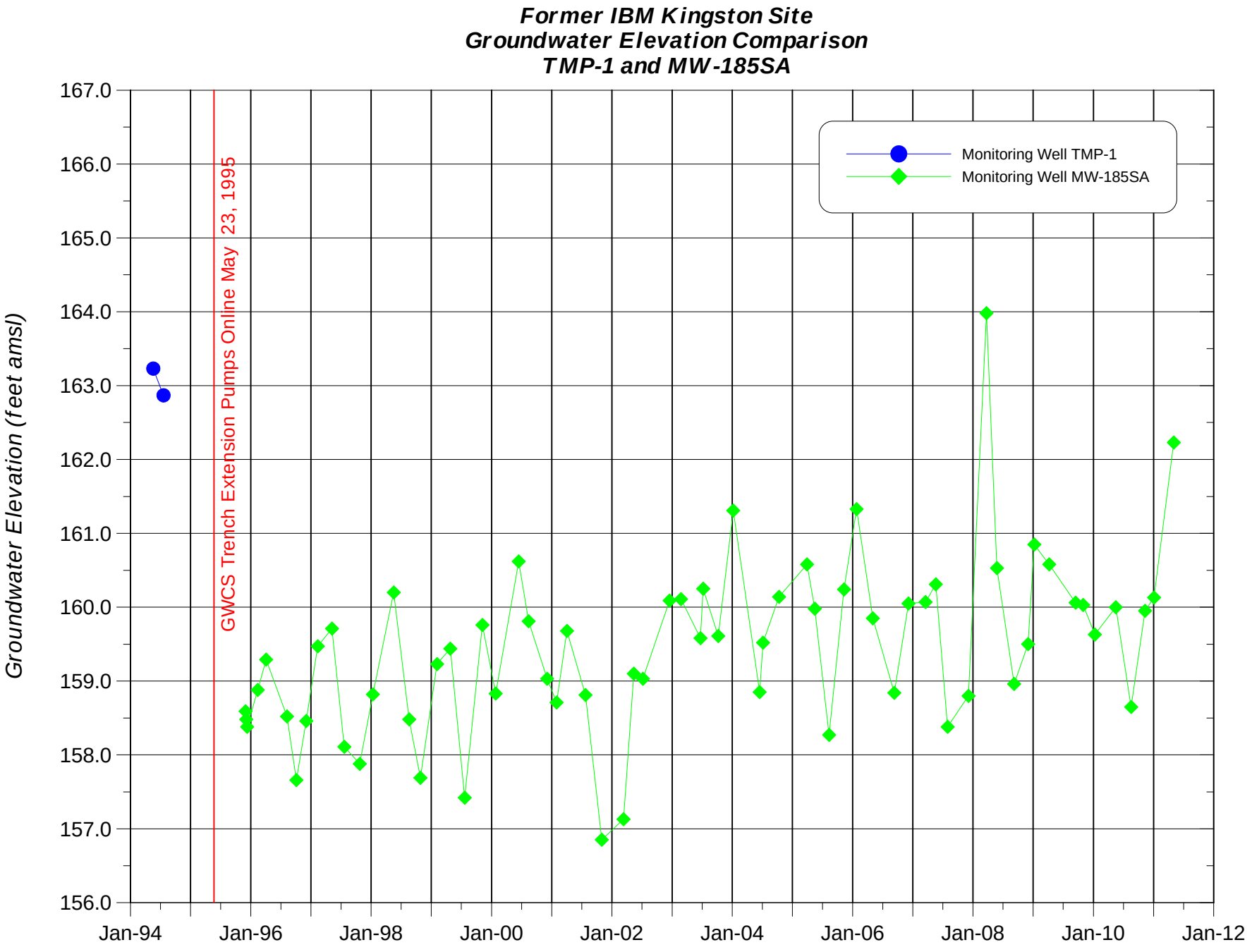

Former IBM Kingston Site
Groundwater Elevation Comparison
TMP-1 and MW-185SA
Groundwater Elevation (feet amsl)
167.0
166.0
165.0
164.0
163.0
162.0
161.0
160.0
159.0
158.0
157.0
156.0
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
GWCS Trench Extension Pumps Online May 23, 1995
Monitoring Well TMP-1
Monitoring Well MW-185SA

Figure 4-8

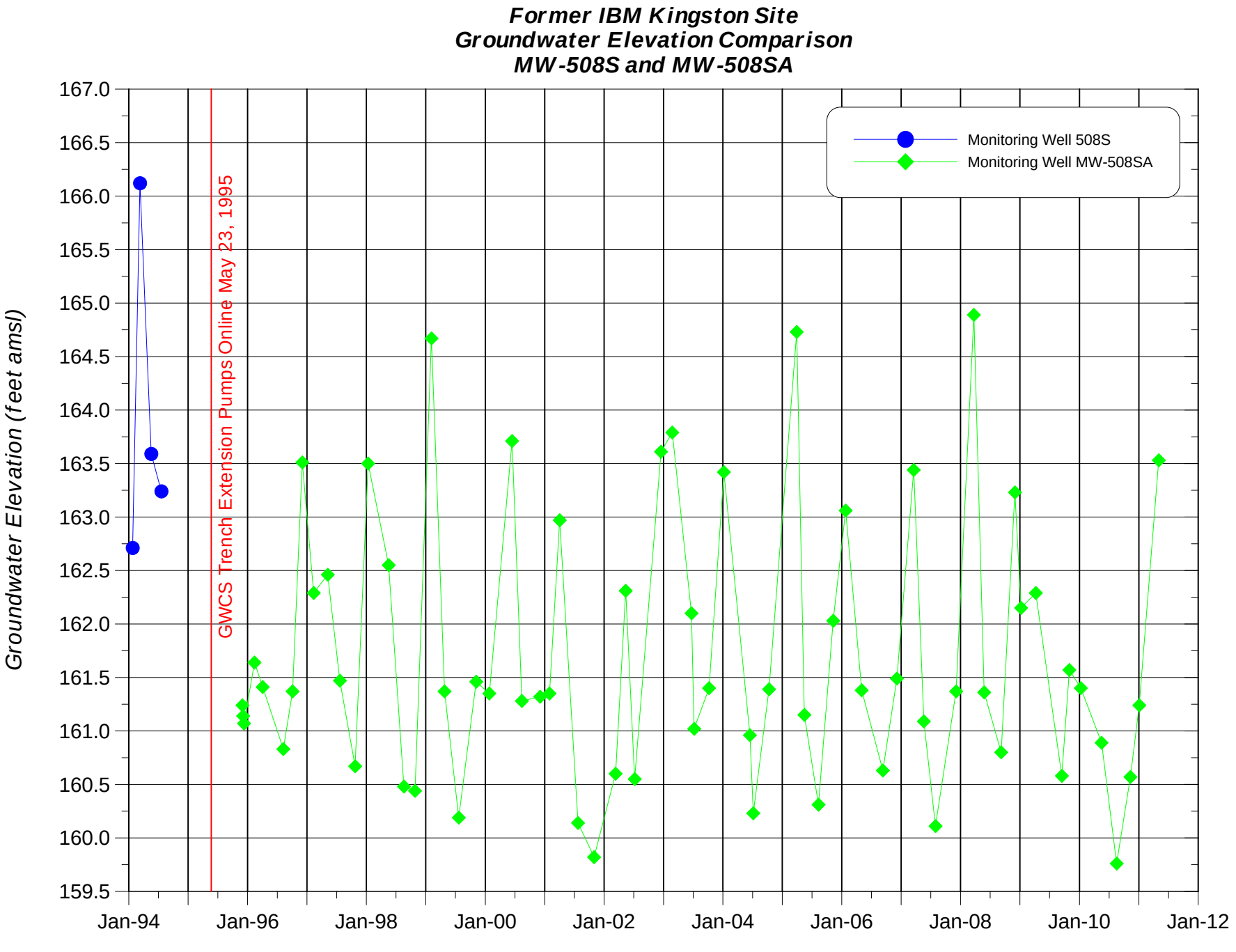

Former IBM Kingston Site
Groundwater Elevation Comparison
MW-508S and MW-508SA
Groundwater Elevation (feet amsl)
167.0
166.5
166.0
165.5
165.0
164.5
164.0
163.5
163.0
162.5
162.0
161.5
161.0
160.5
160.0
159.5
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Jan-12
GWCS Trench Extension Pumps Online May 23, 1995
Monitoring Well 508S
Monitoring Well MW-508SA

Figure 4-9

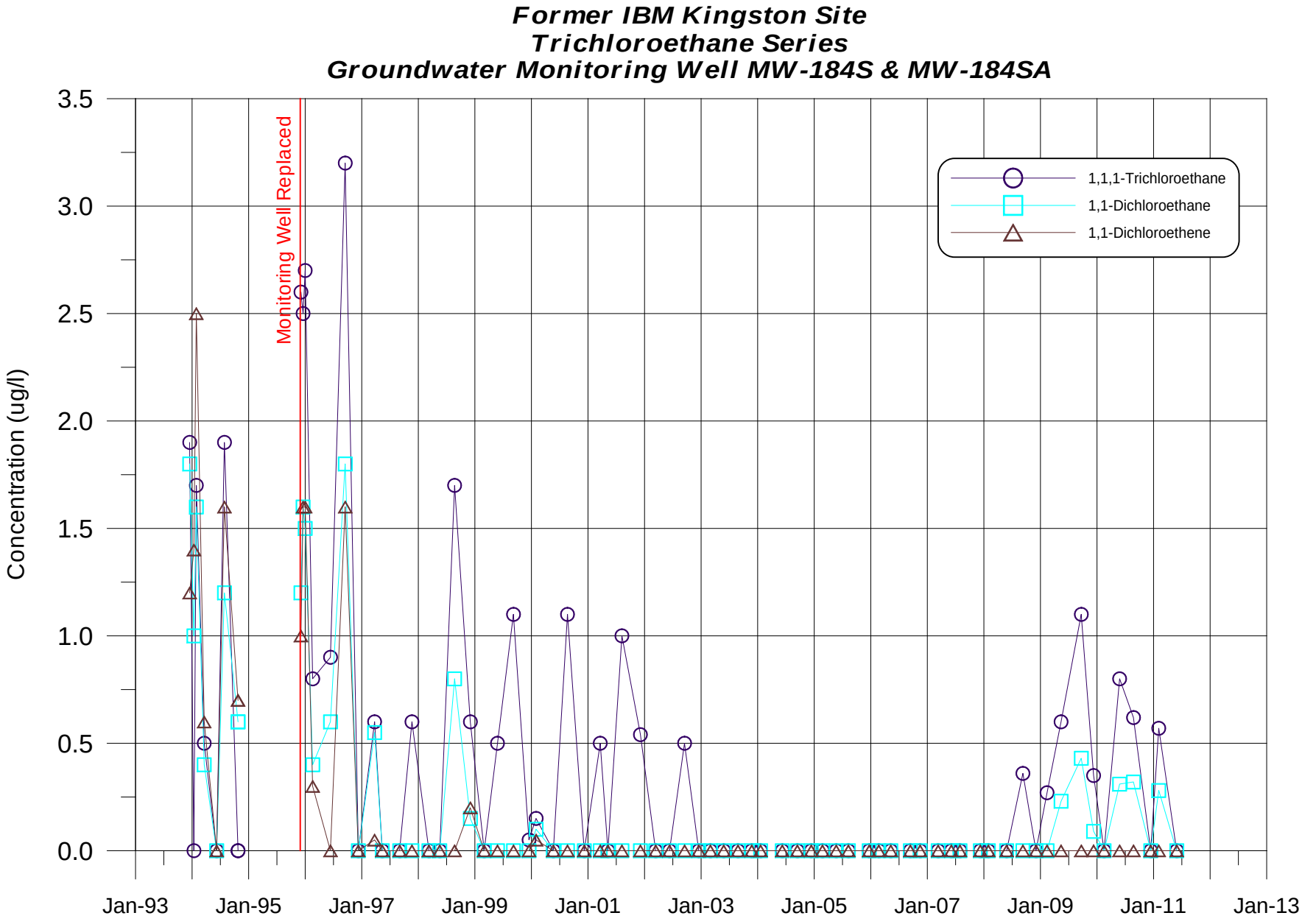

Former IBM Kingston Site
Trichloroethane Series
Groundwater Monitoring Well MW-184S & MW-184SA
Concentration (ug/l)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Monitoring Well Replaced
1,1,1-Trichloroethane
1,1-Dichloroethane
1,1-Dichloroethene
Jan-93
Jan-95
Jan-97
Jan-99
Jan-01
Jan-03
Jan-05
Jan-07
Jan-09
Jan-11
Jan-13

Figure 4-10

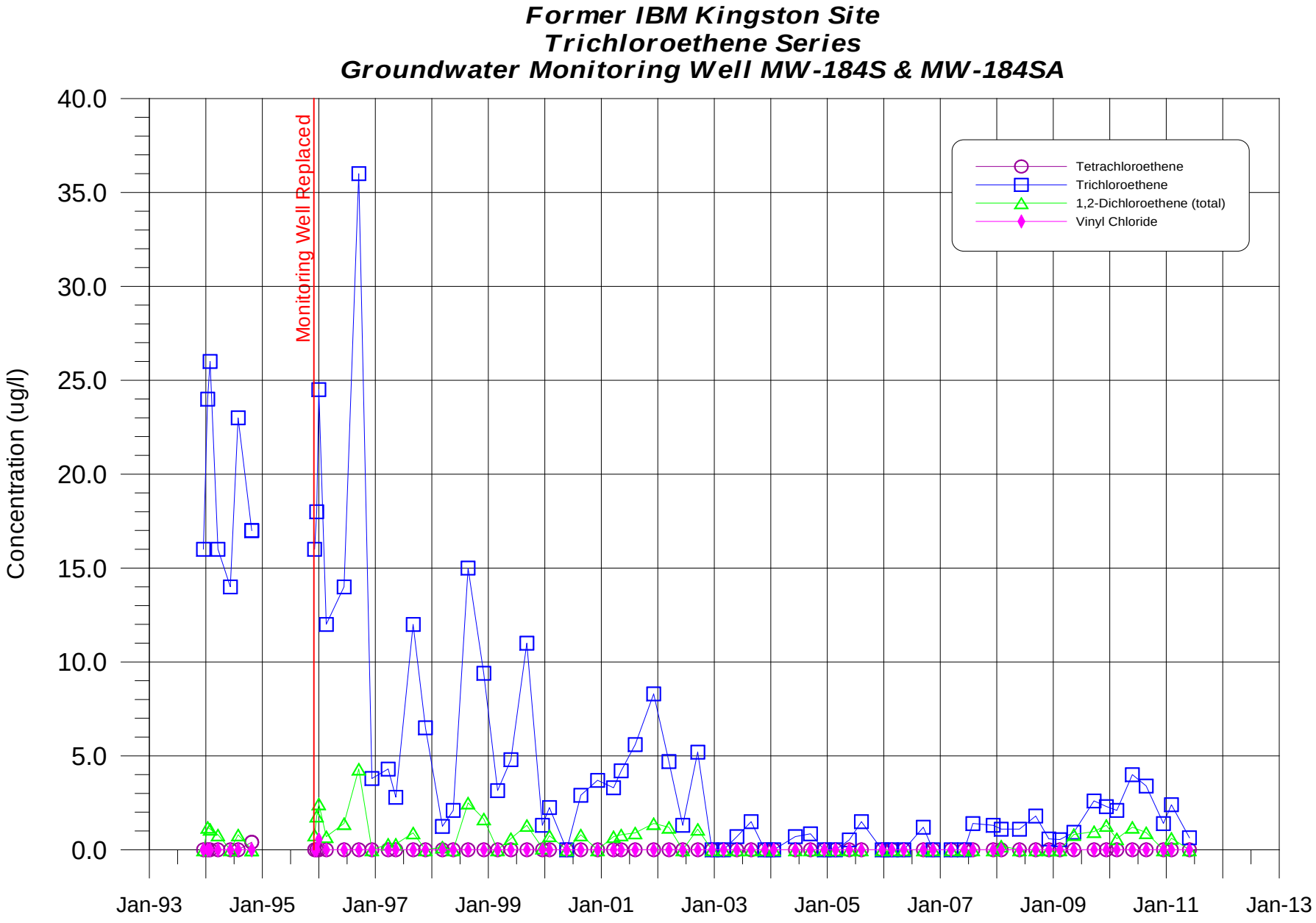

Former IBM Kingston Site
Trichloroethene Series
Groundwater Monitoring Well MW-184S & MW-184SA
Concentration (ug/l)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
Monitoring Well Replaced
Tetrachloroethene
Trichloroethene
1,2-Dichloroethene (total)
Vinyl Chloride
Jan-93
Jan-95
Jan-97
Jan-99
Jan-01
Jan-03
Jan-05
Jan-07
Jan-09
Jan-11
Jan-13

Figure 4-11

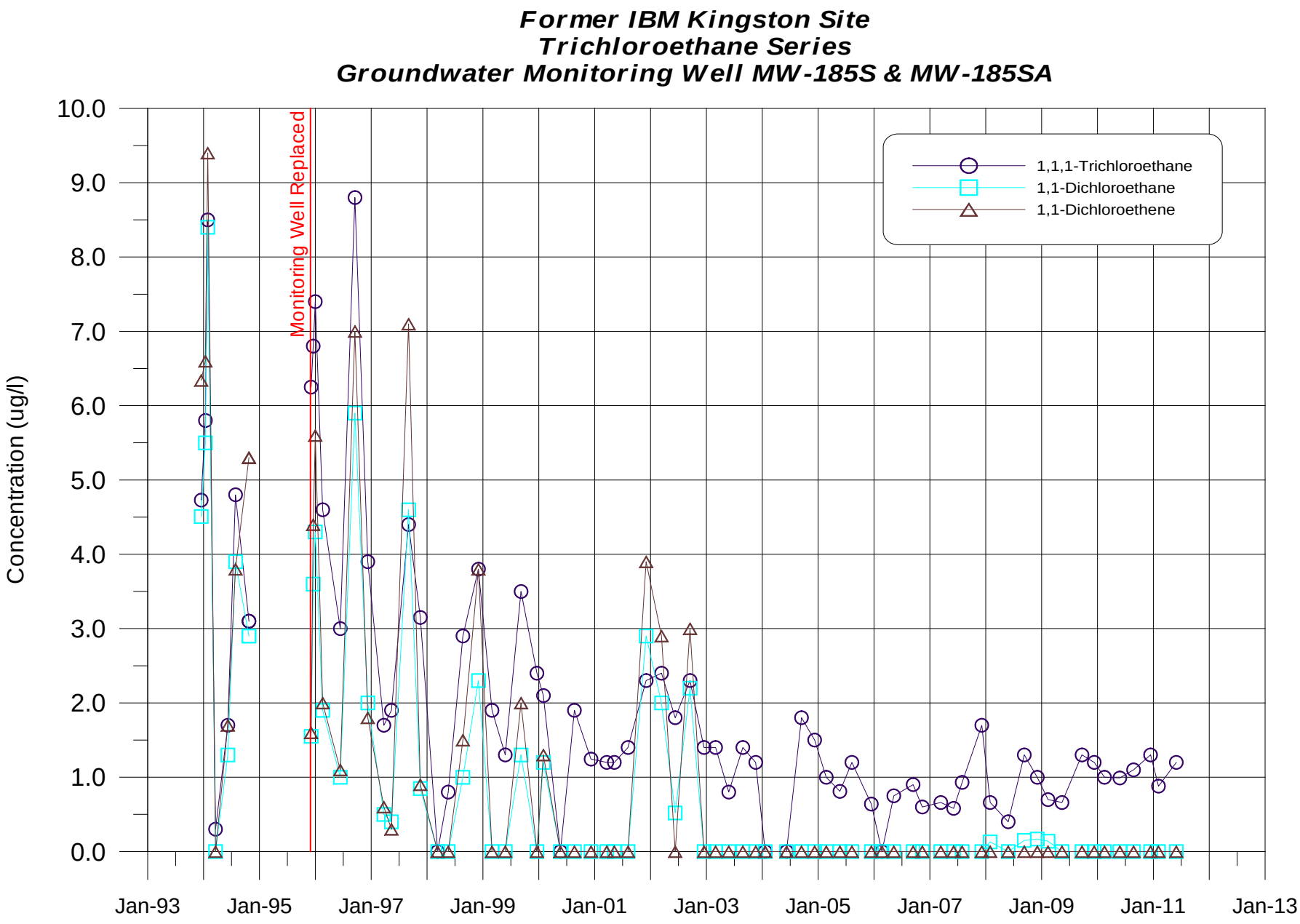

Former IBM Kingston Site
Trichloroethane Series
Groundwater Monitoring Well MW-185S & MW-185SA
Concentration (ug/l)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Monitoring Well Replaced
1,1,1-Trichloroethane
1,1-Dichloroethane
1,1-Dichloroethene
Jan-93
Jan-95
Jan-97
Jan-99
Jan-01
Jan-03
Jan-05
Jan-07
Jan-09
Jan-11
Jan-13

Figure 4-12

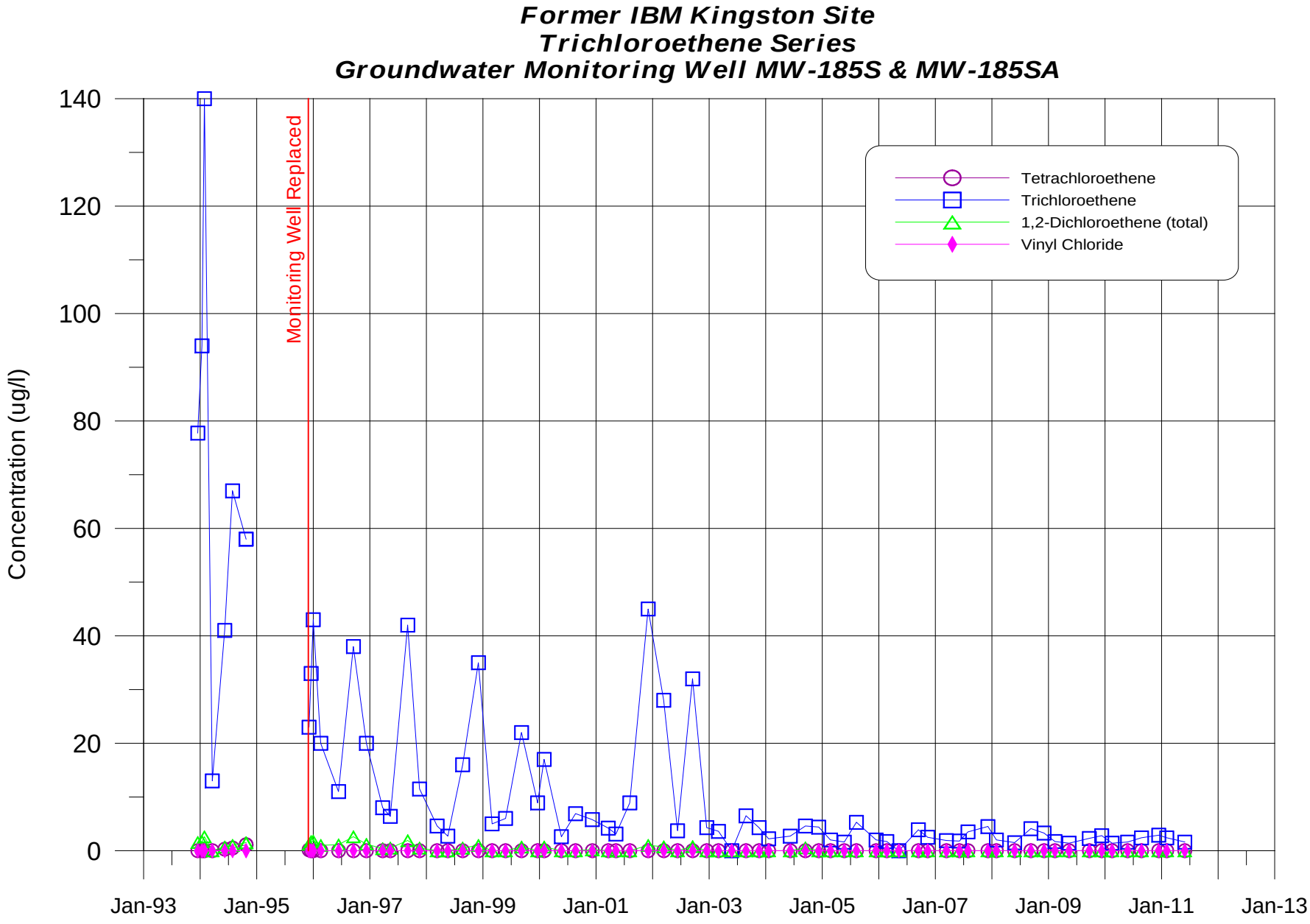
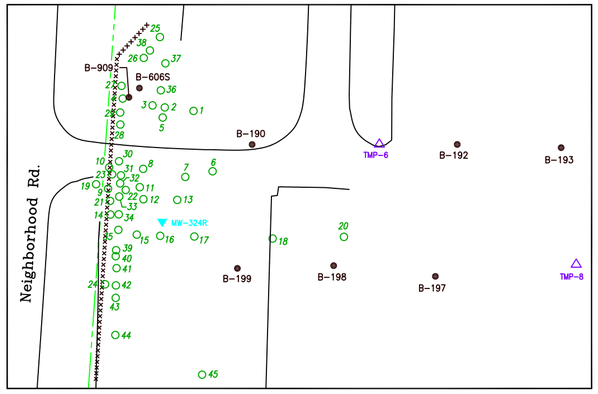

Former IBM Kingston Site
Trichloroethene Series
Groundwater Monitoring Well MW-185S & MW-185SA
Concentration (ug/l)
140
120
100
80
60
40
20
0
Jan-93
Jan-95
Jan-97
Jan-99
Jan-01
Jan-03
Jan-05
Jan-07
Jan-09
Jan-11
Jan-13
Monitoring Well Replaced
Tetrachloroethene
Trichloroethene
1,2-Dichloroethene (total)
Vinyl Chloride

Figure 4-13



Detail (4X)

Esopus Creek

Permanent Easement Parcel No. 123 & 129 Kingston Bypass

Permanent Easement Map No. 63, Parcel No. 161 & 162 Kingston Bypass

Permanent Easement Parcel No. 107 Kingston Bypass

Town of Ulster Sanitary Sewer Easement Liber 1293 Page 658

LIMIT OF FILL

LAYNE NO. 1

LAYNE NO. 2

Enterprise Drive

BARRIER WALL (not to scale, see enlargement)

Route 209

Old Neighborhood Road

Mountain View Court

Joices Lane

Oak View Drive

30' Wide Town of Ulster Sanitary Sewer Easement Liber 1293 Page 649

C.H.G.& E. Corp. 100'-Wide Right-of-Way Liber 902 Page 485

B070

B-416S

B202

B203

B201

B023

B022

B021

B024

B025

B001

B002

B034

B035

B003

B004

B005

B005N

B031

B032

B033

B051

B042

B043

B064

B052

B029

B036

B056

B038

B047

COOLING TWRS

Former B058 Area

Former B058 Detail (Scale 3X)

Plate 1

IBM Kingston, New York

Well, Boring and Test Pit Location Map

DRAWN BY: MKM	DATE: 9/16/11	DRAWING NO. 93002-055-K
CHECKED & APPROVED BY: DAB		

GROUNDWATER SCIENCES CORPORATION

- ▲ – Monitoring Well Location (installed in soil)
- △ – Temporary Monitoring Point
- ▼ – Monitoring Well Location (installed in bedrock)
- ■ – Production Well Location (Layne)
- Railroad
- Property Line
- Former Structure
- ▲ – Abandoned Monitoring Well Location (installed in soil)
- △ – Abandoned Temporary Monitoring Point
- ▼ – Abandoned Monitoring Well Location (installed in bedrock)
- ■ – Abandoned Production Well Location (Layne)
- • – Soil Boring or Test Pit Location
- Groundwater Collection System (GWCS)
- GWCS Trench Extension

Scale 0 150' 300'

Appendix A

Groundwater and
Field QA/QC Data Reports

Former IBM Kingston Facility
Semiannual Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-006-S	MW-102-R	MW-109-S	MW-109-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/31/11	06/02/11	02/04/11	05/31/11
LABORATORY SAMPLE I.D.		420-44124-8	420-44239-7	420-41396-4	420-44124-6
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	7.17	7.67	6.98	6.95
SPECIFIC CONDUCTANCE	umhos/cm	2582	1581	678	565
TEMPERATURE	C	12.4	14.9	8.2	13.3
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	ND@0.0010	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	1.6	ND@1	0.70J	1.5
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION		MW-006-S	MW-102-R	MW-109-S	MW-109-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/31/11	06/02/11	02/04/11	05/31/11
LABORATORY SAMPLE I.D.		420-44124-8	420-44239-7	420-41396-4	420-44124-6
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	0.57J	ND@1	0.52J	0.67J
1,1-DICHLOROETHYLENE	ug/l	1.1	ND@1	0.44J	0.26J
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	0.17J	ND@1	0.23J	0.18J
1,2-DICHLOROETHYLENE, TOTAL	ug/l	0.19J	ND@1	0.51J	0.26J
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	9.8	ND@1	6.9	6.1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	0.17J	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

SAMPLE LOCATION		MW-110-AS	MW-111-S	MW-113-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/31/11	05/31/11	05/26/11
LABORATORY SAMPLE I.D.		420-44124-2	420-44124-3	420-44062-8
SAMPLE RUN NUMBER		01	01	01
SAMPLE COMMENT CODES				
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA
INDICATOR PARAMETERS				
PH	pH	7.76	7.25	6.69
SPECIFIC CONDUCTANCE	umhos/cm	760	1500	1950
TEMPERATURE	C	12.6	12.8	12.0
METALS				
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA
VOLATILE ORGANICS				
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	1.4	1.2	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1

Former IBM Kingston Facility
Semiannual Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-110-AS	MW-111-S	MW-113-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/31/11	05/31/11	05/26/11
LABORATORY SAMPLE I.D.		420-44124-2	420-44124-3	420-44062-8
SAMPLE RUN NUMBER		01	01	01
SAMPLE COMMENT CODES				
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	0.41J	ND@1	0.24J
1,1-DICHLOROETHYLENE	ug/l	0.47J	ND@1	0.92J
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	0.81J	0.24J
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	5.4	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	0.19J	ND@1
TOLUENE	ug/l	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	13	5.9	6.0
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA

Former IBM Kingston Facility
Semiannual Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-114-S	MW-116-S	MW-117-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/26/11	05/26/11	05/26/11
LABORATORY SAMPLE I.D.		420-44062-12	420-44062-15	420-44062-19
SAMPLE RUN NUMBER		01	01	01
SAMPLE COMMENT CODES				
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA
INDICATOR PARAMETERS				
PH	pH	6.34	6.94	6.57
SPECIFIC CONDUCTANCE	umhos/cm	387	385	802
TEMPERATURE	C	13.7	13.7	14.9
METALS				
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA
VOLATILE ORGANICS				
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	1.6	1.5	1.2
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1

SAMPLE LOCATION		MW-114-S	MW-116-S	MW-117-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/26/11	05/26/11	05/26/11
LABORATORY SAMPLE I.D.		420-44062-12	420-44062-15	420-44062-19
SAMPLE RUN NUMBER		01	01	01
SAMPLE COMMENT CODES				
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	0.12J	0.25J	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	0.71J	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	0.31J	0.19J
TOLUENE	ug/l	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	7.6	0.84J	0.51J
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA

Former IBM Kingston Facility
Semiannual Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-122-S	MW-125-S	MW-161-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		06/02/11	06/02/11	05/31/11
LABORATORY SAMPLE I.D.		420-44239-8	420-44239-3	420-44124-14
SAMPLE RUN NUMBER		01	01	01
SAMPLE COMMENT CODES				
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA
INDICATOR PARAMETERS				
PH	pH	6.42	6.98	6.88
SPECIFIC CONDUCTANCE	umhos/cm	800	648	258
TEMPERATURE	C	13.8	12.0	15.2
METALS				
ANTIMONY, DISSOLVED	mg/l	NA	NA	ND@0.00040
ARSENIC, DISSOLVED	mg/l	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA
LEAD, DISSOLVED	mg/l	ND@0.0010	ND@0.0010	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA
VOLATILE ORGANICS				
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1

SAMPLE LOCATION		MW-122-S	MW-125-S	MW-161-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		06/02/11	06/02/11	05/31/11
LABORATORY SAMPLE I.D.		420-44239-8	420-44239-3	420-44124-14
SAMPLE RUN NUMBER		01	01	01
SAMPLE COMMENT CODES				
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA

Former IBM Kingston Facility
Semiannual Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-162-S	MW-164-S	MW-170-S	MW-170-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/31/11	05/31/11	02/04/11	05/31/11
LABORATORY SAMPLE I.D.		420-44124-15	420-44124-16	420-41396-5	420-44124-7
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	6.73	7.00	7.07	7.05
SPECIFIC CONDUCTANCE	umhos/cm	325	1519	776	588
TEMPERATURE	C	13.8	13.6	5.3	13.2
METALS					
ANTIMONY, DISSOLVED	mg/l	ND@0.00040	ND@0.00040	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	1.0	1.4	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION		MW-162-S	MW-164-S	MW-170-S	MW-170-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/31/11	05/31/11	02/04/11	05/31/11
LABORATORY SAMPLE I.D.		420-44124-15	420-44124-16	420-41396-5	420-44124-7
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	0.16J	0.38J	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	0.16J	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	1.6	0.96J	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

SAMPLE LOCATION		MW-171-S	MW-171-S	MW-172-S	MW-172-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	REPLICATE	GROUNDWATER
SAMPLE DATE		02/03/11	05/25/11	06/02/11	06/02/11
LABORATORY SAMPLE I.D.		420-41399-4	420-44001-9	220-15633-3	420-44239-2
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@0.5	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	7.00	6.90	6.87	6.87
SPECIFIC CONDUCTANCE	umhos/cm	624	571	2141	2141
TEMPERATURE	C	9.8	14.1	14.5	14.5
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1	1.1	2.0
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1

SAMPLE LOCATION		MW-171-S	MW-171-S	MW-172-S	MW-172-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	REPLICATE	GROUNDWATER
SAMPLE DATE		02/03/11	05/25/11	06/02/11	06/02/11
LABORATORY SAMPLE I.D.		420-41399-4	420-44001-9	220-15633-3	420-44239-2
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1,1-DICHLOROETHANE	ug/l	0.41J	5.6	1.3	0.88J
1,1-DICHLOROETHYLENE	ug/l	ND@1	0.30J	2.7	1.7
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	0.42J	ND@0.5	0.12J
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	6.3	1.9	1.2
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	ND@0.5	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@0.5	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@0.5	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@0.5	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@0.5	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
CHLOROETHANE	ug/l	0.80J	4.7	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@0.5	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@0.5	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@2	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	0.41J	0.35J
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@0.5	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	0.42J	47	31D
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
VINYL CHLORIDE	ug/l	0.36J	8.6	0.63	0.37J
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

SAMPLE LOCATION		MW-173-S	MW-173-S	MW-174-S	MW-174-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		02/04/11	05/26/11	02/04/11	05/26/11
LABORATORY SAMPLE I.D.		420-41396-2	420-44076-2	420-41396-3	420-44076-3
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	7.02	7.22	7.47	7.30
SPECIFIC CONDUCTANCE	umhos/cm	1177	784	463	505
TEMPERATURE	C	11.0	14.1	8.8	18.4
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	15	14	0.75J	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	0.64J	0.59J	ND@1	ND@1

SAMPLE LOCATION		MW-173-S	MW-173-S	MW-174-S	MW-174-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		02/04/11	05/26/11	02/04/11	05/26/11
LABORATORY SAMPLE I.D.		420-41396-2	420-44076-2	420-41396-3	420-44076-3
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	1.6	1.9	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	170D	150D	1.2	ND@1
1,1-DICHLOROETHYLENE	ug/l	150D	150D	3.6	0.23J
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	1.7	1.3	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	3.9	4.7	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	8.9	8.5	1.1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	1.8	0.94J	0.25J	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	0.32J	0.55J	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	42	42	18	4.8
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	1.2	0.82J	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

SAMPLE LOCATION		MW-175-S	MW-175-S	MW-175-S	MW-176-S	MW-176-S
SAMPLE DESCRIPTION		GROUNDWATER	REPLICATE	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		02/07/11	02/07/11	05/26/11	02/03/11	05/26/11
LABORATORY SAMPLE I.D.		420-41408-6	220-14713-5	420-44076-4	420-41399-10	420-44076-5
SAMPLE RUN NUMBER		01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ACID EXTRACTABLES						
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA
INDICATOR PARAMETERS						
PH	pH	6.86	6.86	7.48	7.19	7.20
SPECIFIC CONDUCTANCE	umhos/cm	1419	1419	496	278	1035
TEMPERATURE	C	7.7	7.7	18.9	15.2	16.3
METALS						
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA	NA	NA
VOLATILE ORGANICS						
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	0.97J	0.64	0.91J	1.4	1.5
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1

SAMPLE LOCATION		MW-175-S	MW-175-S	MW-175-S	MW-176-S	MW-176-S
SAMPLE DESCRIPTION		GROUNDWATER	REPLICATE	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		02/07/11	02/07/11	05/26/11	02/03/11	05/26/11
LABORATORY SAMPLE I.D.		420-41408-6	220-14713-5	420-44076-4	420-41399-10	420-44076-5
SAMPLE RUN NUMBER		01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
VOLATILE ORGANICS (Continued)						
1,1,2-TRICHLOROETHANE	ug/l	ND@1	0.25J	ND@1	0.23J	0.12J
1,1-DICHLOROETHANE	ug/l	2.8	3.6	0.31J	16	11
1,1-DICHLOROETHYLENE	ug/l	5.5	9.1	0.99J	33	22
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	0.16J	0.25J	ND@1	0.17J	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	2.5	3.3	0.35J	4.2	2.8
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	ND@0.5	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	0.79J	0.52	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@2	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@0.5	ND@1	0.13J	ND@1
TOLUENE	ug/l	NA	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	20	20	2.2	52D	40
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@0.5	ND@1	0.23J	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA

SAMPLE LOCATION		MW-176-S	MW-177-S	MW-177-S	MW-178-S
SAMPLE DESCRIPTION		DUPLICATE	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/26/11	02/03/11	05/26/11	02/03/11
LABORATORY SAMPLE I.D.		420-44076-6	420-41399-11	420-44076-7	420-41399-16
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	7.20	7.37	7.35	7.00
SPECIFIC CONDUCTANCE	umhos/cm	1035	1411	990	390
TEMPERATURE	C	16.3	11.4	18.9	11.1
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	1.5	ND@1	ND@1	3.3
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	0.47J

SAMPLE LOCATION		MW-176-S	MW-177-S	MW-177-S	MW-178-S
SAMPLE DESCRIPTION		DUPLICATE	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/26/11	02/03/11	05/26/11	02/03/11
LABORATORY SAMPLE I.D.		420-44076-6	420-41399-11	420-44076-7	420-41399-16
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	11	7.2	2.2	24
1,1-DICHLOROETHYLENE	ug/l	21	8.9	2.2	12
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	0.40J
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	2.7	0.40J	ND@1	0.28J
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	2.3
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	41	ND@1	ND@1	10
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	0.15J	ND@1	0.16J
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

Former IBM Kingston Facility
Semiannual Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-178-S	MW-180-S	MW-180-S	MW-183-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/26/11	02/03/11	05/26/11	02/03/11
LABORATORY SAMPLE I.D.		420-44062-10	420-41399-17	420-44062-17	420-41399-7
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	6.57	7.05	6.89	6.22
SPECIFIC CONDUCTANCE	umhos/cm	630	437	4991	121
TEMPERATURE	C	11.6	9.8	14.2	11.5
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	1.2	ND@1	0.39J	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION		MW-178-S	MW-180-S	MW-180-S	MW-183-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/26/11	02/03/11	05/26/11	02/03/11
LABORATORY SAMPLE I.D.		420-44062-10	420-41399-17	420-44062-17	420-41399-7
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	1.5	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	3.2	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	0.39J	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	9.4	1.2	0.53J	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

SAMPLE LOCATION		MW-183-S	MW-184-SA	MW-184-SA	MW-185-SA
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/26/11	02/04/11	05/31/11	02/04/11
LABORATORY SAMPLE I.D.		420-44062-11	420-41396-9	420-44124-11	420-41396-10
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	6.25	7.16	7.29	7.19
SPECIFIC CONDUCTANCE	umhos/cm	216	421	149	1042
TEMPERATURE	C	13.5	6.6	12.8	8.7
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	0.57J	ND@1	0.88J
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION		MW-183-S	MW-184-SA	MW-184-SA	MW-185-SA
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/26/11	02/04/11	05/31/11	02/04/11
LABORATORY SAMPLE I.D.		420-44062-11	420-41396-9	420-44124-11	420-41396-10
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	0.28J	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	0.62J	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	2.4	0.64J	2.4
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

SAMPLE LOCATION		MW-185-SA	MW-186-S	MW-187-S	MW-187-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	DUPLICATE
SAMPLE DATE		05/31/11	05/25/11	02/03/11	02/03/11
LABORATORY SAMPLE I.D.		420-44124-12	420-44001-11	420-41399-5	420-41399-6
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	7.12	7.52	7.06	7.06
SPECIFIC CONDUCTANCE	umhos/cm	954	189	239	239
TEMPERATURE	C	12.2	15.4	10.3	10.3
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	1.2	1.2	0.84J	0.74J
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION		MW-185-SA	MW-186-S	MW-187-S	MW-187-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	DUPLICATE
SAMPLE DATE		05/31/11	05/25/11	02/03/11	02/03/11
LABORATORY SAMPLE I.D.		420-44124-12	420-44001-11	420-41399-5	420-41399-6
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	0.14J	0.25J	0.19J
1,1-DICHLOROETHYLENE	ug/l	ND@1	0.17J	0.44J	0.37J
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	15	11
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	0.22J	1.3	1.3
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	1.6	12	44	44
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

SAMPLE LOCATION		MW-187-S	MW-188-S	MW-189-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/25/11	05/31/11	05/26/11
LABORATORY SAMPLE I.D.		420-44001-8	420-44124-9	420-44062-20
SAMPLE RUN NUMBER		01	01	01
SAMPLE COMMENT CODES				
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA
INDICATOR PARAMETERS				
PH	pH	6.85	6.98	6.68
SPECIFIC CONDUCTANCE	umhos/cm	245	454	2553
TEMPERATURE	C	13.6	13.2	18.4
METALS				
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA
VOLATILE ORGANICS				
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	1.0	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1

SAMPLE LOCATION		MW-187-S	MW-188-S	MW-189-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/25/11	05/31/11	05/26/11
LABORATORY SAMPLE I.D.		420-44001-8	420-44124-9	420-44062-20
SAMPLE RUN NUMBER		01	01	01
SAMPLE COMMENT CODES				
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	0.23J	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	0.41J	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	9.1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	1.6	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	53D	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA

SAMPLE LOCATION		MW-201-S	MW-204-S	MW-204-S	MW-206-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/27/11	02/04/11	05/31/11	02/07/11
LABORATORY SAMPLE I.D.		420-44076-12	420-41396-11	420-44124-13	420-41408-5
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	NA	ND@10
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	0.65J
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	7.43	7.96	7.43	7.67
SPECIFIC CONDUCTANCE	umhos/cm	492	421	311	777
TEMPERATURE	C	15.7	12.4	13.3	7.7
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	ND@0.0014
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	ND@0.0010
LEAD, DISSOLVED	mg/l	NA	ND@0.0010	ND@0.0010	ND@0.0010
SILVER, DISSOLVED	mg/l	NA	NA	NA	ND@0.0010
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	79D	56D	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	0.51J	0.32J	ND@1

SAMPLE LOCATION		MW-201-S	MW-204-S	MW-204-S	MW-206-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/27/11	02/04/11	05/31/11	02/07/11
LABORATORY SAMPLE I.D.		420-44076-12	420-41396-11	420-44124-13	420-41408-5
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	ND@1	0.22J	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	24	16	0.96J
1,1-DICHLOROETHYLENE	ug/l	ND@1	20	8.0	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	2.8	0.31J	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	57D	22	0.27J
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	0.15J	ND@1	0.61J
CHLOROFORM	ug/l	ND@1	3.8	1.8	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	3.8	1.7	ND@1
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	1.5	160D	66D	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	0.26J	ND@1	0.70J
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

SAMPLE LOCATION		MW-206-S	MW-208-S	MW-208-S	MW-208-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	REPLICATE	GROUNDWATER
SAMPLE DATE		06/02/11	02/07/11	02/07/11	06/03/11
LABORATORY SAMPLE I.D.		420-44239-9	420-41408-4	220-14713-3	420-44288-7
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	ND@10	ND@10	NA	ND@10
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	0.42J	0.30J	0.38J	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	0.10J	ND@0.5	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@0.5	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	7.28	7.10	7.10	6.91
SPECIFIC CONDUCTANCE	umhos/cm	707	522	522	367
TEMPERATURE	C	11.9	6.0	6.0	12.1
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	ND@0.0014	0.021	NA	0.012
CADMIUM, DISSOLVED	mg/l	ND@0.0010	ND@0.0010	NA	ND@0.0010
LEAD, DISSOLVED	mg/l	ND@0.0010	ND@0.0010	NA	ND@0.0010
SILVER, DISSOLVED	mg/l	ND@0.0010	ND@0.0010	NA	ND@0.0010
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1

SAMPLE LOCATION		MW-206-S	MW-208-S	MW-208-S	MW-208-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	REPLICATE	GROUNDWATER
SAMPLE DATE		06/02/11	02/07/11	02/07/11	06/03/11
LABORATORY SAMPLE I.D.		420-44239-9	420-41408-4	220-14713-3	420-44288-7
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1,1-DICHLOROETHANE	ug/l	0.90J	0.27J	0.40J	0.28J
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	0.36J	0.28J	0.24J	0.49J
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	ND@0.5	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@0.5	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@0.5	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@0.5	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@0.5	ND@1
CHLOROBENZENE	ug/l	1.8	1.8	1.2	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
CHLOROETHANE	ug/l	0.30J	0.20J	ND@1	0.16J
CHLOROFORM	ug/l	ND@1	ND@1	ND@0.5	ND@1
CHLOROMETHANE	ug/l	0.35J	ND@1	ND@0.5	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@0.5	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@2	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@0.5	ND@1
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@0.5	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@0.5	0.12J
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1
VINYL CHLORIDE	ug/l	1.3	0.23J	0.24J	0.25J
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

Former IBM Kingston Facility
Semiannual Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-210-S	MW-210-S	MW-210-S	MW-250-M
SAMPLE DESCRIPTION		GROUNDWATER	REPLICATE	GROUNDWATER	GROUNDWATER
SAMPLE DATE		02/07/11	06/02/11	06/02/11	05/26/11
LABORATORY SAMPLE I.D.		420-41408-3	220-15633-5	420-44239-4	420-44062-18
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	ND@10	NA	ND@10	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	0.24J	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@0.5	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@0.5	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@0.5	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	7.16	6.89	6.89	6.75
SPECIFIC CONDUCTANCE	umhos/cm	899	891	891	598
TEMPERATURE	C	7.4	11.3	11.3	13.9
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	0.068	NA	0.086	NA
CADMIUM, DISSOLVED	mg/l	ND@0.0010	NA	ND@0.0010	NA
LEAD, DISSOLVED	mg/l	ND@0.0010	NA	ND@0.0010	NA
SILVER, DISSOLVED	mg/l	ND@0.0010	NA	ND@0.0010	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@0.5	ND@1	0.90J
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1

SAMPLE LOCATION		MW-210-S	MW-210-S	MW-210-S	MW-250-M
SAMPLE DESCRIPTION		GROUNDWATER	REPLICATE	GROUNDWATER	GROUNDWATER
SAMPLE DATE		02/07/11	06/02/11	06/02/11	05/26/11
LABORATORY SAMPLE I.D.		420-41408-3	220-15633-5	420-44239-4	420-44062-18
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	0.80J	2.1	1.5	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@0.5	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@0.5	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	0.26J	0.30J	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@0.5	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	ND@0.5	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@0.5	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@0.5	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@0.5	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@0.5	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@0.5	ND@1	ND@1
CHLOROBENZENE	ug/l	1.0	1.1	0.66J	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1
CHLOROETHANE	ug/l	4.5	1.8	1.6	ND@1
CHLOROFORM	ug/l	ND@1	ND@0.5	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@0.5	1.6	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@0.5	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@2	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@0.5	ND@1	0.57J
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@0.5	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@0.5	ND@1	0.16J
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@0.5	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	0.20J	0.42J	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

SAMPLE LOCATION		MW-269-S	MW-270-S	MW-274-S	MW-274-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	DUPLICATE
SAMPLE DATE		05/27/11	05/27/11	05/26/11	05/26/11
LABORATORY SAMPLE I.D.		420-44076-20	420-44076-19	420-44062-13	420-44062-14
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	NA	NA	6.63	6.63
SPECIFIC CONDUCTANCE	umhos/cm	NA	NA	379	379
TEMPERATURE	C	NA	NA	14.6	14.6
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	2200D	250D	1.1	1.1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	6.0	ND@1	ND@1

SAMPLE LOCATION		MW-269-S	MW-270-S	MW-274-S	MW-274-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	DUPLICATE
SAMPLE DATE		05/27/11	05/27/11	05/26/11	05/26/11
LABORATORY SAMPLE I.D.		420-44076-20	420-44076-19	420-44062-13	420-44062-14
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	0.14J	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	210D	84D	0.12J	ND@1
1,1-DICHLOROETHYLENE	ug/l	32	15	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	3.9	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	1.2	1.1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	780D	300D	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	ND@1	ND@1	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	0.20J	ND@1	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	16	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	0.52J	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	20	32	ND@1	ND@1
TOLUENE	ug/l	ND@1	5.4	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	1100D	420D	1.7	1.7
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	55J	210D	ND@1	ND@1
XYLENE, TOTAL	ug/l	0.46J	120	NA	NA

Former IBM Kingston Facility
Semiannual Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-277-S	MW-278-S	MW-279-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/27/11	05/25/11	05/27/11
LABORATORY SAMPLE I.D.		420-44076-9	420-44001-12	420-44076-10
SAMPLE RUN NUMBER		01	01	01
SAMPLE COMMENT CODES				
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA
INDICATOR PARAMETERS				
PH	pH	7.54	7.15	7.13
SPECIFIC CONDUCTANCE	umhos/cm	598	711	1862
TEMPERATURE	C	12.6	13.6	13.6
METALS				
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA
VOLATILE ORGANICS				
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	1800D	790D	1.7
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	2.4	4.5	ND@1

SAMPLE LOCATION		MW-277-S	MW-278-S	MW-279-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/27/11	05/25/11	05/27/11
LABORATORY SAMPLE I.D.		420-44076-9	420-44001-12	420-44076-10
SAMPLE RUN NUMBER		01	01	01
SAMPLE COMMENT CODES				
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,1,2-TRICHLOROETHANE	ug/l	9.2	17	ND@1
1,1-DICHLOROETHANE	ug/l	310D	200D	11
1,1-DICHLOROETHYLENE	ug/l	160D	270D	11
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	11	3.8	ND@1
1,2-DICHLOROETHANE	ug/l	16	ND@1	0.10J
1,2-DICHLOROETHYLENE, TOTAL	ug/l	12	19	0.62J
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	15	4.6	0.44J
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA
METHYLENE CHLORIDE	ug/l	1.2	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	3.8	1.6	ND@1
TOLUENE	ug/l	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	60D	170D	6.8
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	1.4	1.8	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA

SAMPLE LOCATION		MW-282-S	MW-282-S	MW-284-S	MW-284-S	MW-284-S
SAMPLE DESCRIPTION		GROUNDWATER	DUPLICATE	GROUNDWATER	DUPLICATE	GROUNDWATER
SAMPLE DATE		05/25/11	05/25/11	02/03/11	02/03/11	05/25/11
LABORATORY SAMPLE I.D.		420-44001-2	420-44001-3	420-41399-19	420-41399-20	420-44001-7
SAMPLE RUN NUMBER		01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ACID EXTRACTABLES						
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES						
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA
INDICATOR PARAMETERS						
PH	pH	6.33	6.33	7.44	7.44	6.76
SPECIFIC CONDUCTANCE	umhos/cm	614	614	541	541	1017
TEMPERATURE	C	13.4	13.4	10.1	10.1	13.8
METALS						
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA	NA	NA
VOLATILE ORGANICS						
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION		MW-282-S	MW-282-S	MW-284-S	MW-284-S	MW-284-S
SAMPLE DESCRIPTION		GROUNDWATER	DUPLICATE	GROUNDWATER	DUPLICATE	GROUNDWATER
SAMPLE DATE		05/25/11	05/25/11	02/03/11	02/03/11	05/25/11
LABORATORY SAMPLE I.D.		420-44001-2	420-44001-3	420-41399-19	420-41399-20	420-44001-7
SAMPLE RUN NUMBER		01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
VOLATILE ORGANICS (Continued)						
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	1.7	1.8	12	12	15
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	6.4	6.1	16	15	14
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	0.31J	0.42J	0.52J	0.53J	0.56J
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA

SAMPLE LOCATION		MW-285-S	MW-285-S	MW-288-S	MW-297-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/31/11	05/31/11	05/27/11	05/27/11
LABORATORY SAMPLE I.D.		420-44124-4	L1107670-01	420-44076-15	420-44076-14
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	NA	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	NA	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	NA	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	NA	ND@1	ND@1
PCB 1016	ug/l	NA	ND@0.083	NA	NA
PCB 1221	ug/l	NA	ND@0.083	NA	NA
PCB 1232	ug/l	NA	ND@0.083	NA	NA
PCB 1242	ug/l	NA	ND@0.083	NA	NA
PCB 1248	ug/l	NA	ND@0.083	NA	NA
PCB 1254	ug/l	NA	ND@0.083	NA	NA
PCB 1260	ug/l	NA	ND@0.083	NA	NA
INDICATOR PARAMETERS					
PH	pH	7.16	NA	7.15	7.15
SPECIFIC CONDUCTANCE	umhos/cm	3113	NA	2757	533
TEMPERATURE	C	12.6	NA	12.9	12.7
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	1.7	NA	ND@1	9.4
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	NA	0.94J	4.0J

SAMPLE LOCATION		MW-285-S	MW-285-S	MW-288-S	MW-297-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/31/11	05/31/11	05/27/11	05/27/11
LABORATORY SAMPLE I.D.		420-44124-4	L1107670-01	420-44076-15	420-44076-14
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	0.47J	NA	8.2	9.2
1,1-DICHLOROETHYLENE	ug/l	ND@1	NA	1.7	5.1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	NA	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	NA	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	NA	5.6	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	3.0	NA	17	69D
1,2-DICHLOROPROPANE	ug/l	ND@1	NA	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	NA	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	NA	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	NA	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	NA	ND@1	ND@1
BROMOFORM	ug/l	ND@1	NA	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	NA	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	NA	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	NA	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	NA	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	NA	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	NA	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	NA	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	NA	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	NA	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	NA	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	1.5	NA	4.2	15
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	NA	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	19	NA	140D	240D
TRICHLOROFLUOROMETHANE	ug/l	ND@1	NA	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	NA	0.16J	1.8
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

Former IBM Kingston Facility
Semiannual Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-402-S	MW-406-S	MW-407-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		06/02/11	05/31/11	05/27/11
LABORATORY SAMPLE I.D.		420-44239-5	420-44124-5	420-44076-13
SAMPLE RUN NUMBER		01	01	01
SAMPLE COMMENT CODES				
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA
INDICATOR PARAMETERS				
PH	pH	7.21	7.25	7.41
SPECIFIC CONDUCTANCE	umhos/cm	1750	3035	1239
TEMPERATURE	C	11.3	11.6	13.2
METALS				
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA
VOLATILE ORGANICS				
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	1.4	1.5
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1

Former IBM Kingston Facility
Semiannual Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-402-S	MW-406-S	MW-407-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		06/02/11	05/31/11	05/27/11
LABORATORY SAMPLE I.D.		420-44239-5	420-44124-5	420-44076-13
SAMPLE RUN NUMBER		01	01	01
SAMPLE COMMENT CODES				
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	0.31J	0.46J
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@1	0.78J
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	0.48J
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	0.98J
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	0.24J
TOLUENE	ug/l	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	7.1	22
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA

Former IBM Kingston Facility
Semiannual Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-504-S	MW-504-S	MW-505-S	MW-505-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	DUPLICATE
SAMPLE DATE		02/03/11	05/31/11	05/27/11	05/27/11
LABORATORY SAMPLE I.D.		420-41399-18	420-44124-17	420-44076-17	420-44076-18
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	7.13	7.02	7.24	7.24
SPECIFIC CONDUCTANCE	umhos/cm	1478	709	353	353
TEMPERATURE	C	9.0	13.7	11.6	11.6
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	3.6	3.9	2.1	2.1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION		MW-504-S	MW-504-S	MW-505-S	MW-505-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	DUPLICATE
SAMPLE DATE		02/03/11	05/31/11	05/27/11	05/27/11
LABORATORY SAMPLE I.D.		420-41399-18	420-44124-17	420-44076-17	420-44076-18
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	0.88J	0.87J	0.20J	0.19J
1,1-DICHLOROETHYLENE	ug/l	0.60J	0.40J	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	0.35J	0.25J	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	1.0	22	4.7	4.8
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	1.4	1.3	4.7	5.0
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

Former IBM Kingston Facility
Semiannual Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-506-S	MW-508-SA	MW-508-SA	MW-508-SA
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	DUPLICATE	GROUNDWATER
SAMPLE DATE		05/27/11	02/04/11	02/04/11	05/31/11
LABORATORY SAMPLE I.D.		420-44076-16	420-41396-6	420-41396-7	420-44124-10
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	6.49	7.57	7.57	7.05
SPECIFIC CONDUCTANCE	umhos/cm	300	657	657	706
TEMPERATURE	C	12.9	6.2	6.2	14.1
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	36	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION		MW-506-S	MW-508-SA	MW-508-SA	MW-508-SA
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	DUPLICATE	GROUNDWATER
SAMPLE DATE		05/27/11	02/04/11	02/04/11	05/31/11
LABORATORY SAMPLE I.D.		420-44076-16	420-41396-6	420-41396-7	420-44124-10
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	0.17J	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	19	0.27J	0.26J	ND@1
1,1-DICHLOROETHYLENE	ug/l	4.0	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	0.22J	0.22J	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	27D	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	7.4	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	11	ND@1	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	390D	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

Former IBM Kingston Facility
Semiannual Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-601-S	MW-602-S	MW-603-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/27/11	05/26/11	05/25/11
LABORATORY SAMPLE I.D.		420-44076-8	420-44062-9	420-44001-6
SAMPLE RUN NUMBER		01	01	01
SAMPLE COMMENT CODES				
PARAMETER	UNITS			
ACID EXTRACTABLES				
PHENOLS, TOTAL	ug/l	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES				
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA
INDICATOR PARAMETERS				
PH	pH	7.83	6.45	6.88
SPECIFIC CONDUCTANCE	umhos/cm	319	851	128
TEMPERATURE	C	12.9	14.8	14.6
METALS				
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA
VOLATILE ORGANICS				
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	4.3	3.2	1.4
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	1.7	ND@1

Former IBM Kingston Facility
Semiannual Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-601-S	MW-602-S	MW-603-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/27/11	05/26/11	05/25/11
LABORATORY SAMPLE I.D.		420-44076-8	420-44062-9	420-44001-6
SAMPLE RUN NUMBER		01	01	01
SAMPLE COMMENT CODES				
PARAMETER	UNITS			
VOLATILE ORGANICS (Continued)				
1,1,2-TRICHLOROETHANE	ug/l	ND@1	1.2	ND@1
1,1-DICHLOROETHANE	ug/l	1.1	40	0.28J
1,1-DICHLOROETHYLENE	ug/l	1.3	73D	0.63J
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	0.95J	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	15	0.35J
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	1.4	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	3.0	ND@1
TOLUENE	ug/l	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	0.19J	210D	7.4
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	0.27J	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA

SAMPLE LOCATION		MW-604-S	MW-604-S	MW-605-S	MW-610-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		02/03/11	05/25/11	05/25/11	05/31/11
LABORATORY SAMPLE I.D.		420-41399-3	420-44001-5	420-44001-4	420-44124-18
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	NA	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	7.20	6.97	6.95	7.17
SPECIFIC CONDUCTANCE	umhos/cm	221	2237	134	1379
TEMPERATURE	C	11.9	13.6	14.7	12.4
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	NA	NA	NA
CADMIUM, DISSOLVED	mg/l	NA	NA	NA	NA
LEAD, DISSOLVED	mg/l	NA	NA	NA	NA
SILVER, DISSOLVED	mg/l	NA	NA	NA	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	28	53D	2.3	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	0.25J	ND@1	ND@1

SAMPLE LOCATION		MW-604-S	MW-604-S	MW-605-S	MW-610-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		02/03/11	05/25/11	05/25/11	05/31/11
LABORATORY SAMPLE I.D.		420-41399-3	420-44001-5	420-44001-4	420-44124-18
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	8.0	19	0.36J	ND@1
1,1-DICHLOROETHYLENE	ug/l	3.5	13	0.71J	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	0.35J	0.58J	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	20	92D	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	2.2	4.1	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	85D	200D	4.9	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	0.21J	0.37J	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

SAMPLE LOCATION		MW-612-S	MW-612-S	MW-612-S	MW-802	MW-802
SAMPLE DESCRIPTION		GROUNDWATER	DUPLICATE	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		02/04/11	02/04/11	06/02/11	02/07/11	06/03/11
LABORATORY SAMPLE I.D.		420-41396-15	420-41396-16	420-44239-10	420-41408-2	420-44288-6
SAMPLE RUN NUMBER		01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
ACID EXTRACTABLES						
PHENOLS, TOTAL	ug/l	ND@10	ND@10	ND@10	ND@10	ND@10
BASE/NEUTRAL EXTRACTABLES						
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA	NA
INDICATOR PARAMETERS						
PH	pH	7.38	7.38	7.25	7.21	7.21
SPECIFIC CONDUCTANCE	umhos/cm	681	681	606	977	780
TEMPERATURE	C	6.9	6.9	12.5	9.1	11.6
METALS						
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	ND@0.0014	ND@0.0014	ND@0.0014	ND@0.0014	ND@0.0014
CADMIUM, DISSOLVED	mg/l	ND@0.0010	ND@0.0010	ND@0.0010	ND@0.0010	ND@0.0010
LEAD, DISSOLVED	mg/l	ND@0.0010	ND@0.0010	ND@0.0010	ND@0.0010	ND@0.0010
SILVER, DISSOLVED	mg/l	ND@0.0010	ND@0.0010	ND@0.0010	ND@0.0010	ND@0.0010
VOLATILE ORGANICS						
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	1.3	1.3	1.4	1.8	1.8
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION		MW-612-S	MW-612-S	MW-612-S	MW-802	MW-802
SAMPLE DESCRIPTION		GROUNDWATER	DUPLICATE	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		02/04/11	02/04/11	06/02/11	02/07/11	06/03/11
LABORATORY SAMPLE I.D.		420-41396-15	420-41396-16	420-44239-10	420-41408-2	420-44288-6
SAMPLE RUN NUMBER		01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
VOLATILE ORGANICS (Continued)						
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	1.2	1.2	0.64J	1.2	1.6
1,1-DICHLOROETHYLENE	ug/l	0.43J	0.43J	0.24J	0.52J	0.64J
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	0.31J	0.31J	0.57J	ND@1	0.33J
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	0.23J	0.22J	0.35J	0.25J	0.20J
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	0.17J	0.17J	0.16J	0.16J	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	0.46J	0.43J	0.42J	0.27J	0.17J
TOLUENE	ug/l	NA	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	6.7	6.8	9.1	7.1	6.8
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	0.33J
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA

SAMPLE LOCATION		MW-806-S	MW-816	MW-816	MW-817
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/26/11	02/04/11	06/03/11	02/04/11
LABORATORY SAMPLE I.D.		420-44062-16	420-41396-12	420-44288-2	420-41396-13
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	NA	ND@10	ND@10	ND@10
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	6.68	7.20	7.16	7.40
SPECIFIC CONDUCTANCE	umhos/cm	790	651	640	667
TEMPERATURE	C	15.0	6.5	11.5	7.0
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	NA	ND@0.0014	ND@0.0014	ND@0.0014
CADMIUM, DISSOLVED	mg/l	NA	ND@0.0010	ND@0.0010	ND@0.0010
LEAD, DISSOLVED	mg/l	NA	ND@0.0010	ND@0.0010	ND@0.0010
SILVER, DISSOLVED	mg/l	NA	ND@0.0010	ND@0.0010	ND@0.0010
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	2.1	1.7	8.9
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION		MW-806-S	MW-816	MW-816	MW-817
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		05/26/11	02/04/11	06/03/11	02/04/11
LABORATORY SAMPLE I.D.		420-44062-16	420-41396-12	420-44288-2	420-41396-13
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	0.27J	ND@1	2.8
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	1.5
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	1.7
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	2.8	0.19J	7.2
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	0.29J	ND@1	1.2
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	1.5	ND@1	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	2.0	47D	29	110D
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	1.9
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

SAMPLE LOCATION		MW-817	MW-817	MW-A	TMP-8
SAMPLE DESCRIPTION		GROUNDWATER	DUPLICATE	GROUNDWATER	GROUNDWATER
SAMPLE DATE		06/03/11	06/03/11	06/02/11	05/27/11
LABORATORY SAMPLE I.D.		420-44288-4	420-44288-5	420-44239-6	420-44076-11
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
ACID EXTRACTABLES					
PHENOLS, TOTAL	ug/l	ND@10	ND@10	NA	NA
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1
PCB 1016	ug/l	NA	NA	NA	NA
PCB 1221	ug/l	NA	NA	NA	NA
PCB 1232	ug/l	NA	NA	NA	NA
PCB 1242	ug/l	NA	NA	NA	NA
PCB 1248	ug/l	NA	NA	NA	NA
PCB 1254	ug/l	NA	NA	NA	NA
PCB 1260	ug/l	NA	NA	NA	NA
INDICATOR PARAMETERS					
PH	pH	7.12	7.12	7.54	6.68
SPECIFIC CONDUCTANCE	umhos/cm	501	501	196	503
TEMPERATURE	C	13.0	13.0	10.3	12.4
METALS					
ANTIMONY, DISSOLVED	mg/l	NA	NA	NA	NA
ARSENIC, DISSOLVED	mg/l	ND@0.0014	ND@0.0014	NA	NA
CADMIUM, DISSOLVED	mg/l	ND@0.0010	ND@0.0010	NA	NA
LEAD, DISSOLVED	mg/l	ND@0.0010	ND@0.0010	NA	NA
SILVER, DISSOLVED	mg/l	ND@0.0010	ND@0.0010	NA	NA
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	11	11	ND@1	300D
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	1.6

SAMPLE LOCATION		MW-817	MW-817	MW-A	TMP-8
SAMPLE DESCRIPTION		GROUNDWATER	DUPLICATE	GROUNDWATER	GROUNDWATER
SAMPLE DATE		06/03/11	06/03/11	06/02/11	05/27/11
LABORATORY SAMPLE I.D.		420-44288-4	420-44288-5	420-44239-6	420-44076-11
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	6.5
1,1-DICHLOROETHANE	ug/l	1.6	1.5	ND@1	100D
1,1-DICHLOROETHYLENE	ug/l	1.5	1.5	ND@1	110D
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	1.1
1,2-DICHLOROETHANE	ug/l	2.0	2.0	ND@1	3.3
1,2-DICHLOROETHYLENE, TOTAL	ug/l	2.8	2.7	ND@1	15
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	1.1	1.1	ND@1	3.0
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	2.5
TOLUENE	ug/l	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	110D	110D	ND@1	180D
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	0.88J	0.70J	ND@1	0.25J
XYLENE, TOTAL	ug/l	NA	NA	NA	NA

Former IBM Kingston Facility
Semiannual Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

EXPLANATION OF REPORTING CONVENTIONS AND KEY TO COMMENT CODES

REPORTING CONVENTIONS

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

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

Former IBM Kingston Facility
Supplemental Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-169-S	MW-169-S	MW-181-S	MW-181-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		02/03/11	05/26/11	02/03/11	05/26/11
LABORATORY SAMPLE I.D.		420-41399-12	420-44062-4	420-41399-9	420-44062-6
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
BASE/NEUTRAL EXTRACTABLES					
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1
INDICATOR PARAMETERS					
PH	pH	7.22	7.45	7.09	7.27
SPECIFIC CONDUCTANCE	umhos/cm	272	1663	692	989
TEMPERATURE	C	10.4	17.4	9.9	13.2
VOLATILE ORGANICS					
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1	0.92J	1.2
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	0.20J
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	0.58J	ND@1	5.4	8.1
1,1-DICHLOROETHYLENE	ug/l	0.49J	ND@1	5.0	6.5
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	0.19J
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	0.16J
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1

Former IBM Kingston Facility
Supplemental Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-169-S	MW-169-S	MW-181-S	MW-181-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		02/03/11	05/26/11	02/03/11	05/26/11
LABORATORY SAMPLE I.D.		420-41399-12	420-44062-4	420-41399-9	420-44062-6
SAMPLE RUN NUMBER		01	01	01	01
SAMPLE COMMENT CODES					
PARAMETER	UNITS				
VOLATILE ORGANICS (Continued)					
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	8.3	6.5
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1

Former IBM Kingston Facility
Supplemental Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-182-S	MW-182-S	MW-609-S	MW-609-S	MW-609-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	DUPLICATE	GROUNDWATER
SAMPLE DATE		02/03/11	05/26/11	02/03/11	02/03/11	05/26/11
LABORATORY SAMPLE I.D.		420-41399-15	420-44062-7	420-41399-13	420-41399-14	420-44062-2
SAMPLE RUN NUMBER		01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
BASE/NEUTRAL EXTRACTABLES						
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
INDICATOR PARAMETERS						
PH	pH	7.03	6.58	7.12	7.12	7.22
SPECIFIC CONDUCTANCE	umhos/cm	357	304	378	378	402
TEMPERATURE	C	6.0	11.7	12.6	12.6	18.4
VOLATILE ORGANICS						
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	1.2	1.2	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	0.30J	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	4.7	3.0	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	12	9.1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	0.35J	0.32J	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1

Former IBM Kingston Facility
Supplemental Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		MW-182-S	MW-182-S	MW-609-S	MW-609-S	MW-609-S
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	DUPLICATE	GROUNDWATER
SAMPLE DATE		02/03/11	05/26/11	02/03/11	02/03/11	05/26/11
LABORATORY SAMPLE I.D.		420-41399-15	420-44062-7	420-41399-13	420-41399-14	420-44062-2
SAMPLE RUN NUMBER		01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
VOLATILE ORGANICS (Continued)						
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	27	18	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1

SAMPLE LOCATION		MW-609-S
SAMPLE DESCRIPTION		DUPLICATE
SAMPLE DATE		05/26/11
LABORATORY SAMPLE I.D.		420-44062-3
SAMPLE RUN NUMBER		01
SAMPLE COMMENT CODES		
PARAMETER	UNITS	
BASE/NEUTRAL EXTRACTABLES		
1,2-DICHLOROBENZENE	ug/l	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1
INDICATOR PARAMETERS		
PH	pH	7.22
SPECIFIC CONDUCTANCE	umhos/cm	402
TEMPERATURE	C	18.4
VOLATILE ORGANICS		
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1
4-CHLOROTOLUENE	ug/l	ND@1
BENZYL CHLORIDE	ug/l	ND@1
BROMOBENZENE	ug/l	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1
BROMOFORM	ug/l	ND@1
BROMOMETHANE	ug/l	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1
CHLOROBENZENE	ug/l	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1
CHLOROETHANE	ug/l	ND@1
CHLOROFORM	ug/l	ND@1
CHLOROMETHANE	ug/l	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1
DIBROMOMETHANE	ug/l	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1

SAMPLE LOCATION		MW-609-S
SAMPLE DESCRIPTION		DUPLICATE
SAMPLE DATE		05/26/11
LABORATORY SAMPLE I.D.		420-44062-3
SAMPLE RUN NUMBER		01
SAMPLE COMMENT CODES		
PARAMETER	UNITS	
VOLATILE ORGANICS (Continued)		
METHYLENE CHLORIDE	ug/l	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1
TRICHLOROETHYLENE	ug/l	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1
VINYL CHLORIDE	ug/l	ND@1

Former IBM Kingston Facility
Supplemental Groundwater Monitoring Data Report
January 1, 2011 - June 30, 2011

EXPLANATION OF REPORTING CONVENTIONS AND KEY TO COMMENT CODES

REPORTING CONVENTIONS

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

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

Former IBM Kingston Facility
Field Quality Assurance / Quality Control Data
January 1, 2011 - June 30, 2011

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		02/03/11	02/03/11	02/04/11	02/04/11	02/07/11	02/07/11
LABORATORY SAMPLE I.D.		420-41399-2	420-41399-8	420-41396-8	420-41396-14	220-14713-2	220-14713-4
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
VOLATILE ORGANICS							
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
1,1-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
1-CHLOROHEXANE	ug/l	NA	NA	NA	NA	ND@0.5	ND@0.5
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
BENZENE	ug/l	NA	NA	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@2	ND@2
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
TOLUENE	ug/l	NA	NA	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5

Former IBM Kingston Facility
Field Quality Assurance / Quality Control Data
January 1, 2011 - June 30, 2011

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		02/03/11	02/03/11	02/04/11	02/04/11	02/07/11	02/07/11
LABORATORY SAMPLE I.D.		420-41399-2	420-41399-8	420-41396-8	420-41396-14	220-14713-2	220-14713-4
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
VOLATILE ORGANICS (Continued)							
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@0.5	ND@0.5
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

Former IBM Kingston Facility
Field Quality Assurance / Quality Control Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		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
SAMPLE DATE		05/25/11	05/26/11	06/02/11	06/02/11	06/03/11
LABORATORY SAMPLE I.D.		420-44001-10	420-44062-5	220-15633-2	220-15633-4	420-44288-3
SAMPLE RUN NUMBER		01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
BASE/NEUTRAL EXTRACTABLES						
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
VOLATILE ORGANICS						
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	ND@0.5	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@2	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1

Former IBM Kingston Facility
Field Quality Assurance / Quality Control Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		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
SAMPLE DATE		05/25/11	05/26/11	06/02/11	06/02/11	06/03/11
LABORATORY SAMPLE I.D.		420-44001-10	420-44062-5	220-15633-2	220-15633-4	420-44288-3
SAMPLE RUN NUMBER		01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
VOLATILE ORGANICS (Continued)						
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA

Former IBM Kingston Facility
Field Quality Assurance / Quality Control Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
SAMPLE DESCRIPTION		2/3-4/11	2/4/2011	2/7-8/11	2/7-9/11	5/25/2011	5/25-27/11
SAMPLE DATE		02/03/11	02/04/11	02/07/11	02/07/11	05/25/11	05/26/11
LABORATORY SAMPLE I.D.		420-41399-1	420-41396-1	420-41408-1	220-14713-1	420-44001-1	420-44062-1
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
VOLATILE ORGANICS							
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	NA	ND@0.5	NA	NA
2-CHLOROTOLUENE	ug/l	NA	NA	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
BENZENE	ug/l	NA	NA	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@2	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
TOLUENE	ug/l	NA	NA	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1

Former IBM Kingston Facility
Field Quality Assurance / Quality Control Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
SAMPLE DESCRIPTION		2/3-4/11	2/4/2011	2/7-8/11	2/7-9/11	5/25/2011	5/25-27/11
SAMPLE DATE		02/03/11	02/04/11	02/07/11	02/07/11	05/25/11	05/26/11
LABORATORY SAMPLE I.D.		420-41399-1	420-41396-1	420-41408-1	220-14713-1	420-44001-1	420-44062-1
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
VOLATILE ORGANICS (Continued)							
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@0.5	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	NA	NA	NA	NA	NA

Former IBM Kingston Facility
Field Quality Assurance / Quality Control Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
SAMPLE DESCRIPTION		5/26-27/11	5/31-6/1/11	6/2-3/11	6/2-3/11	6/3/2011
SAMPLE DATE		05/26/11	05/31/11	06/02/11	06/02/11	06/03/11
LABORATORY SAMPLE I.D.		420-44076-1	420-44124-1	220-15633-1T	420-44239-1	420-44288-1
SAMPLE RUN NUMBER		01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
BASE/NEUTRAL EXTRACTABLES						
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
VOLATILE ORGANICS						
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
1-CHLOROHEXANE	ug/l	NA	NA	ND@0.5	NA	NA
2-CHLOROTOLUENE	ug/l	ND@1	NA	NA	NA	NA
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
BENZENE	ug/l	ND@1	NA	NA	NA	NA
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@2	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
TOLUENE	ug/l	ND@1	NA	NA	NA	NA
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1

Former IBM Kingston Facility
Field Quality Assurance / Quality Control Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
SAMPLE DESCRIPTION		5/26-27/11	5/31-6/1/11	6/2-3/11	6/2-3/11	6/3/2011
SAMPLE DATE		05/26/11	05/31/11	06/02/11	06/02/11	06/03/11
LABORATORY SAMPLE I.D.		420-44076-1	420-44124-1	220-15633-1T	420-44239-1	420-44288-1
SAMPLE RUN NUMBER		01	01	01	01	01
SAMPLE COMMENT CODES						
PARAMETER	UNITS					
VOLATILE ORGANICS (Continued)						
TRICHLOROETHYLENE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@0.5	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@1	NA	NA	NA	NA

Former IBM Kingston Facility
Field Quality Assurance / Quality Control Data
January 1, 2011 - June 30, 2011

EXPLANATION OF REPORTING CONVENTIONS AND KEY TO COMMENT CODES

REPORTING CONVENTIONS

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

CODE	EXPLANATION
^	Non-Standard Measurement Unit

Appendix B
Field Data Sheets and
Chain of Custody Forms

IBM - Kingston, New York
Trip Blank Index

Sample ID	Date	Personnel	Comments
KTBC092209 23	9/22/09	KWB CJS	
KTBD0922 0924	9/22/09	CJS KWB	CT
KTBC0923 0924	9/23/09	CJS KWB	
KTBC12 0812 09	12/8/09	CJS KWB	
KTBC12 1012 11	12/10/09	CJS KWB	
KTBD12 10 12 11	12/10/09	KWB CJS	CT
KTBC12 11 12 11	12/11/09	KWB CJ	
KTBC0215 0216	2/15/10	KWB CJS	
KTBC0216 0217	2/16/10	KWB CJ	
KTBD0216 0217	2/16/10	KWB CJS	CT
KTBC0217 0218	2/17/10	KWB CJ	
KTBC0203 0204	2/3/11	KWB CJ	
KTBC0204 0204	2/4/11	KWB CJ	
KTBC1215 1216	12/15/10	CJS	

IBM - Kingston, New York
Trip Blank Index

Sample ID	Date	Personnel	Comments
KTBC02070208	2/7/11	CJS KWB	
KTBD02070209	2/7/11	KWB CJS	CT
KTBC05250525	5/25/11	KWB CJS	
KTBC05260527	5/26/11	KWB CJS	
KTBB05260527	5/26/11	KWB CJS	
KTBC05310601	5/31/11	KWB CJS	
KTBC06020603	6/2/11	KWB CJS	
KTBD06020603	6/2/11	KWB CJS	CT
KTBC06030603	6/3/11	KWB CJS	
KTBC09130914	9/13/11	JAR CJS	
KTBD09140915	9/14/11	JAR CJS	CT
KTBC09140914	9/14/11	JAR CJS	
KTBC09150915	9/15/11	JAR CT	

IBM - Kingston, New York
Equipment Blank Index

Sample ID	Date	Personnel	Sample Time	Equipment ID
KEQ90921WLID	9-21-09	KwB CJS	1210	25765
KEQ90922WLID	9-22-09	KwB CJS	1115	25765
KEQ90922WLID	9 22 09	CJS KwB	1200	25765-CT
KEQ90922WLID	9 22 09	CJS KwB	1238	25765-CT
KEQ90922WLID	9 22 09	KwB CJ	1327	25765
KEQ90923WLID	9-23 09	KwB CJ	0950	25765
KEQ91103WLID	11-3-09	KwB CJS	1110	27858
KEQ91103WLID	11-3-09	KwB CJS	1218	27858 CT
KEQ91208WLID	12 8 09	KwB CJ	1400	27858
KEQ91210WLID	12-10-09	KwB CJ	815	27858 CT
KEQ91210WLID	12-10-09	KwB CJ	1055	27858
KEQ91211WLID	12-11-09	KwB CJ	820	27855
KEQ00215WLID	02 15 10	KwB CJ	1057	27855
KEQ00215WLID	02 15 10	KwB CJ	1348	27855
KEQ00216WLID	2 16 10	KwB CJ	1110	27858 CT
KEQ00216WLID	2 16 10	KwB CJ	1131	27858 CT
KEQ00217WLID	2 17 10	KwB CJ	1133	27855
KEQ01215WLID	12 15 10	KwB CJ	1305	25765
KEQ10203WLID	2-3 11	KwB CJ	1115	25765
KEQ10203WLID	2 3 11	KwB CJ	1305	25765
KEQ10204WLID	2-4-11	KwB CJ	1037	25765

IBM - Kingston, New York
Equipment Blank Index

Sample ID	Date	Personnel	Sample Time	Equipment ID
KEQ1@2@4WLID	2/4/11	CJ KWB	13:15	25765
KEQ1@2@7WLID	2/7/11	KWB CJS	943	25765-CT
KEQ1@2@7WLID	2/7/11	KWB CJ	1045	25765-CT
KEQ1@525WLID	5/25/11	KWB CJS	1250	25765
KEQ1@526WLID	5/26/11	KWB CJS	900	25765
KEQ1@6@2WLID	6/2/11	KWB CJS	900	25765 CT
KFQ1@6@3WLID	6/3/11	CJ	814	25765
KEQ1@913WLID	9/13/11	JAR CJS	11:35	25765
KEQ1@914WLID	9/14/11	JAR S	825	25765-CT
KEQ1@914WLID	9/14/11	JAR S	900	25765-CT
KEQ1@914WLID	9/14/11	JAR S	1210	25765
KEQ1@914WLID	9/14/11	JAR S	1250	25765
KEQ 1@915WLID	9/15/11	JAR CJ	905	25765

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW4 Date: 6/2/11 Personnel: JCW

PURGING:

Reference Depth To Bottom (DTBr)	13.59 ft.	Start: 1039	Stop: 1043
Measured Depth to Bottom (DTBm)	13.82 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	9.12 ft.	Well Yields: ☒ Yes ☐ No	
Target Volume:	8.74 gal.	Water Contained: ☐ Yes ☒ No	
Actual Volume:	9.00 gal.	DTW After Purge:	10.02 ft.

(.65)

PID: *Background:* *Purging:* ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: BQQMWA1QQ62G

Sample Time: Start: 1045 Stop: 1051

Duplicate ID: NA

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ Date: 6/2/11 QA/QC Review: CES Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: MW4 Date: 6/2/11

LABORATORY:

☐ IBM - East Fishkill
☒ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021B Hall Frm

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
6/2/11	1050	10.3	7.54	196.2		Clear

COMMENTS:

002515

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 65 Date: 5 /31 / 11 Personnel: CJ JW

PURGING:

Reference Depth To Bottom (DTBr)	12.40 ft.	**Start:** 1125	**Stop:** 1130
Measured Depth to Bottom (DTBm)	12.17 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	4.90 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	8.25 gal.	**Water Contained:** ☐ *Yes* ☑ *No*	
Actual Volume:	9.00 gal.	**DTW After Purge:**	7.00 ft.

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K O O O 6 5 1 0 5 3 1 G

Sample Time: Start: 1132 Stop: 1136

Duplicate ID: N/A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ Date: 5/31/11 QA/QC Review: CES Date: 6/3/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 65 Date: 5 ,31, 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/11	1135	12.4	7.17	2582		Warm

COMMENTS:

002495

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW102R Date: 6,2,11 Personnel: CJL

PURGING:

Reference Depth To Bottom (DTBr)	103.12 ft.	Start: 1110	Stop: 1200
Measured Depth to Bottom (DTBm)	104.17 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	30.02 ft.	Well Yields: ☒ Yes ☐ No	
Target Volume:	143.20 gal.	Water Contained: ☐ Yes ☒ No	
Actual Volume:	145.00 gal.	DTW After Purge:	92.31 ft.

PID: Background: Purging: ☒ Not Applicable

Purge Method	Rate	Equipment ID
☒ Bailer CJ		
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☒ Submersible		Ded RF

SAMPLING:

Sample ID: K Q 1 Q 2 R 1 0 6 0 2 G

Sample Time: Start: 1205 Stop: 1210

Duplicate ID: N A

Sampling Method: ☐ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJL Date: 6/2/11 QA/QC Review: CES Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 102R Date: 6,2,11

LABORATORY:

- ☐ IBM - East Fishkill
- ☒ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021B Hall Freon
Pb (239.2

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
6/2/11	1209	14.9	7.67	1581		Clear

COMMENTS:

002516

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW109S Date: 2/4/11 Personnel: GL

PURGING:

Reference Depth To Bottom (DTBr)	17.55 ft.	Start: 927	Stop: 933
Measured Depth to Bottom (DTBm)	18.08 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	8.25 ft.	Well Yields: ☒ Yes ☐ No	
Target Volume:	10-23 gal.	Water Contained: ☐ Yes ☒ No	
Actual Volume:	10.50 gal.	DTW After Purge:	12.81 ft.

PID: | *Background:* | *Purging:* | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		Dral EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K|0|1|0|9|S|1|0|2|0|4|G

Sample Time: Start: 935 Stop: 938

Duplicate ID: ~~|~~|~~|~~|N|A|~~|~~|~~|~~|~~|

Sampling Method:
☒ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 2/4/11 QA/QC Review: CES Date: 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 109S Date: 2/4/11

LABORATORY:

☐ IBM - East Fishkill
☒ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021B Hall Frn

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/4/11	937	8.2	6.98	0.754		

COMMENTS:

002431

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW109S Date: 5/31/11 Personnel: CJ LW

PURGING:

Reference Depth To Bottom (DTBr)	1755 ft.	**Start:** 1052	**Stop:** 1057
Measured Depth to Bottom (DTBm)	1808 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	620 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	12.99 gal.	**Water Contained:** ☐ *Yes* ☑ *No*	
Actual Volume:	13.06 gal.	**DTW After Purge:**	11.45 ft.

PID: | *Background:* | *Purging:* | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Dedicated
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K C 1 0 9 S 1 0 5 3 1 G

Sample Time: Start: 1100 Stop: 1105

Duplicate ID: N O

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/31/11 QA/QC Review: CES Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 109S Date: 5, 31, 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 B tall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/11	1104	13.3	6.95	526M		Hazy

COMMENTS:

002493

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW109S Date: 9, 15, 11 Personnel: JAR S

PURGING:

Reference Depth To Bottom (DTBr)	17.55	ft.	**Start:**	1120	**Stop:** 1127
Measured Depth to Bottom (DTBm)	18.03	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	5.87	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	12.85	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	13.00	gal.	**DTW After Purge:**	10.99	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 1 0 9 S 1 0 9 1 5 G

Sample Time: Start: 1130 Stop: 1134

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/15/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 109S **Date:** 9, 15, 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/15/11	1135	13.5	7.11	6274		Clear

COMMENTS:

002554

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW110AS Date: 5 /31/11 Personnel: CJW

PURGING:

Reference Depth To Bottom (DTBr)	19.14 ft.	**Start:** 937	**Stop:** 942
Measured Depth to Bottom (DTBm)	19.80 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	9.52 ft.	**Well Yields:** ☒ Yes ☐ No	
Target Volume:	4.70 gal.	**Water Contained:** ☐ Yes ☒ No	
Actual Volume:	5.00 gal.	**DTW After Purge:**	9.59 ft.

PID: *Background:* | *Purging:* ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 1 1 0 A S 1 0 5 3 1 G

Sample Time: Start: 947 Stop: 952

Duplicate ID: N A

Sampling Method:
☒ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJW **Date:** 5/31/11 **QA/QC Review:** CES **Date:** 6/3/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 110AS **Date:** 5 /31/11

LABORATORY:

☐ IBM - East Fishkill
☒ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/11	951	12.6	7.76	760.6		Cloudy

COMMENTS:

002489

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW111S **Date:** 5, 31, 11 **Personnel:** CJ KW

PURGING:

Reference Depth To Bottom (DTBr) 21.98 ft.	**Start:** 954	**Stop:** 958	
Measured Depth to Bottom (DTBm) 22.98 ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW): 8.61 ft.	**Well Yields:** ☑ *Yes* ☐ *No*		
Target Volume: 14.72 gal.	**Water Contained:** ☐ *Yes* ☑ *No*		
Actual Volume: 15.00 gal.	**DTW After Purge:** 8.94 ft.		

PID: ***Background:*** ***Purging:*** ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded PE
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K Q 1 1 1 S 1 Q 5 3 1 G

Sample Time: Start: 1010 Stop: 1005

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 5/31/11 **QA/QC Review:** CES **Date:** 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 111S **Date:** 5, 31, 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Bhtall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/11	1004	12.8	7.25	1500u		Hazy

COMMENTS:

002490

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 113S **Date:** 5 / 26 / 11 **Personnel:** SLa

PURGING:

Reference Depth To Bottom (DTBr) 20.60 ft.	**Start:** 957	**Stop:** 1002	
Measured Depth to Bottom (DTBm) 20.67 ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW): 8.74 ft.	**Well Yields:** ☑ *Yes* ☐ *No*		
Target Volume: 13.05 gal.	**Water Contained:** ☐ *Yes* ☑ *No*		
Actual Volume: 14.00 gal.	**DTW After Purge:** 8.90 ft.		

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0113S1052626G

Sample Time: Start: 1005 Stop: 1011

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 5/26/11 **QA/QC Review:** CES **Date:** 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 113S **Date:** 5 / 26 / 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 Halos

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1010	12.0	6.69	1950		Hazy

COMMENTS:

002460

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 114S **Date:** 5 / 26 / 11 **Personnel:** KwB CJ

PURGING:

Reference Depth To Bottom (DTBr)	16.11 ft.	**Start:** 1108	**Stop:** 11:13
Measured Depth to Bottom (DTBm)	15.90 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	5.45 ft.	**Well Yields:** ☒ *Yes* ☐ *No*	
Target Volume:	11.73 gal.	**Water Contained:** ☐ *Yes* ☒ *No*	
Actual Volume:	12.00 gal.	**DTW After Purge:**	5.62 ft.

PID: ***Background:*** ***Purging:*** ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K011145S105266

Sample Time: Start: 1115 Stop: 11:20

Duplicate ID: NA

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ 5/26/11 **QA/QC Review:** CES **Date:** 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 114S **Date:** 5 / 26 / 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☒ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1119	13.7	6.34	386.9		Hazy

COMMENTS:

002464

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 116S **Date:** 5 / 26 / 11 **Personnel:** CJ KW

PURGING:

Reference Depth To Bottom (DTBr)	17.45	ft.	**Start:** 1227	**Stop:** 1233	
Measured Depth to Bottom (DTBm)	17.50	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	7.23	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	11.25	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	11.50	gal.	**DTW After Purge:**	8.31	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DrqEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0116S105266

Sample Time: Start: 1235 Stop: 1240

Duplicate ID: NA

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 5/26/11 **QA/QC Review:** CES **Date:** 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 116S **Date:** 5 / 26 / 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1235	13.7	6.94	3850		Hazy

COMMENTS:

002466

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW117S Date: 5/26/11 Personnel: CJ LW

PURGING:

Reference Depth To Bottom (DTBr)	11.78	ft.	Start: 1334	Stop: 1337	
Measured Depth to Bottom (DTBm)	11.82	ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW):	5.25	ft.	Well Yields:	☑ Yes	☐ No
Target Volume:	7.18	gal.	Water Contained:	☐ Yes	☑ No
Actual Volume:	7.50	gal.	DTW After Purge:	5.76	ft.

PID: | *Background:* | *Purging:* | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0111751052 6G

Sample Time: Start: 1340 Stop: 1344

Duplicate ID: NA

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/26/11 QA/QC Review: CES Date: 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 117S Date: 5/26/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 Halos

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1343	14.9	6.57	802		Clear

COMMENTS:

002470

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW122S Date: 6/2/11 Personnel: JWBG

PURGING:

Reference Depth To Bottom (DTBr)	13.85 ft.	Start: 1115	Stop: 1120
Measured Depth to Bottom (DTBm)	13.80 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	4.35 ft.	Well Yields: ☑ Yes ☐ No	
Target Volume:	10.45 gal.	Water Contained: ☐ Yes ☑ No	
Actual Volume:	11.00 gal.	DTW After Purge:	9.95 ft.

.367

PID: Background: Purging: ☑ Not Applicable

Purge Method	Rate	Equipment ID
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K012251060 2G

Sample Time: Start: 1135 Stop: 1142

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 6/2/11 QA/QC Review: CES Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 122S Date: 6/2/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021B total Freon
Pb (239.2)

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
6/2/11	1141	13.8	6.42	800u		Clam

COMMENTS:

002517

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW125S **Date:** 6/2/11 **Personnel:** S WP

PURGING:

Reference Depth To Bottom (DTBr)	14.06 ft.	**Start:** 923	**Stop:** 933
Measured Depth to Bottom (DTBm)	14.18 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	11.65 ft.	**Well Yields:** ☐ *Yes*	☒ *No*
Target Volume:	2.65 gal.	**Water Contained:** ☐ *Yes*	☒ *No*
Actual Volume:	1.25 gal.	**DTW After Purge:**	13.82 ft.

PID: ***Background:*** ***Purging:*** ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0125S110602D

Sample Time: Start: 1055 Stop: 1101

Duplicate ID: NA

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 6/2/11 **QA/QC Review:** CES **Date:** 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: MW125S **Date:** 6/2/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☒ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Bottle From Pb (239.2

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
6/2/11	1100	12.0	6.98	648		Clear

COMMENTS:

1.0gl 9:25

002512

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW1618 **Date:** 5/31/14 **Personnel:** CJW

PURGING:

Reference Depth To Bottom (DTBr)	12.83 ft.	**Start:** 13:11	**Stop:** 13:15
Measured Depth to Bottom (DTBm)	13.35 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	3.53 ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume:	4.54 gal.	**Water Contained:** ☑ Yes ☐ No	
Actual Volume:	5.00 gal.	**DTW After Purge:**	3.70 ft.

PID: ***Background:*** ☐ ***Purging:*** ☐ ☑ *Not Applicable*

Purge Method	***Rate***	***Equipment ID***
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0161511053 1G

Sample Time: Start: 13:20 Stop: 1325

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJW **Date:** 5/31/14 **QA/QC Review:** CES **Date:** 6/31/14

IBM
Kingston, New York

Analysis Request Form

Well Number: 1618 **Date:** 5/31/14

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021B Hall Freon
Sb (200.7)

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/14	1324	15.2	6.88	258		Hazy

COMMENTS:

002504

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW162S Date: 5/31/11 Personnel: JW

PURGING:

Reference Depth To Bottom (DTBr)	12.54	ft.	**Start:** 1334	**Stop:** 1338	
Measured Depth to Bottom (DTBm)	12.67	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	5.58	ft.	**Well Yields:**	☒ *Yes*	☐ *No*
Target Volume:	3.40	gal.	**Water Contained:**	☐ *Yes*	☐ *No*
Actual Volume:	4.0	gal.	**DTW After Purge:**	5.60	ft.

PID: | ***Background:*** | ***Purging:*** | ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		Dedicated
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: KQ162S1053 1G

Sample Time: Start: 1340 Stop: 1345

Duplicate ID: NA

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ **Date:** 5/31/11 **QA/QC Review:** CES **Date:** 6/3/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 162S **Date:** 5/31/11

LABORATORY:

☐ IBM - East Fishkill
☒ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021B Hall Fm
Sb (200.7)

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/11	1344	13.8	6.73	3250		Clear

COMMENTS:

0002505

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 1645 **Date:** 5, 31, 11 **Personnel:** CJK

PURGING:

Reference Depth To Bottom (DTBr)	14.89	ft.	**Start:** 13:51	**Stop:** 1355	
Measured Depth to Bottom (DTBm)	15.08	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	7.41	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	3.64	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	4.00	gal.	**DTW After Purge:**	7.55	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded Eq.
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0164S165316

Sample Time: Start: 1400 Stop: 1406

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 5/31/11 **QA/QC Review:** CES **Date:** 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 1645 **Date:** 5, 31, 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021B tb, MTBE
Sb (200.7)

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/11	1405	13.6	7.00	1519		Hazy

COMMENTS:

002506

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 169S Date: 2 / 3 / 11 Personnel: S KW

PURGING:

Reference Depth To Bottom (DTBr)	28.69	ft.	**Start:** 1415	**Stop:** 14:22	
Measured Depth to Bottom (DTBm)	28.74	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	11.54	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	8.36	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	9.00	gal.	**DTW After Purge:**	11.62	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded E Q
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: 1S0169S102030

Sample Time: Start: 1425 Stop: 1430

Duplicate ID: NA

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 2/3/11 QA/QC Review: CES Date: 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 169S Date: 2 / 3 / 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 B Hall Fra

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/3/11	1429	10.4	7.22	272.4		Clear

COMMENTS:

002422

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW169S Date: 5/26/11 Personnel: KWB G

PURGING:

Reference Depth To Bottom (DTBr)	28.65 ft.	**Start:** 840	**Stop:** 845
Measured Depth to Bottom (DTBm)	28.74 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	8.74 ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume:	9.73 gal.	**Water Contained:** ☐ Yes ☑ No	
Actual Volume:	10.00 gal.	**DTW After Purge:**	9.11 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K G 1 1 6 9 S 1 6 5 2 6 G

Sample Time: Start: 850 Stop: 856

Duplicate ID: N A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 5/26/11 **QA/QC Review:** CES **Date:** 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: MW169S **Date:** 5/26/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	855	17.4	7.45	1663		Clear

COMMENTS:

002457

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 169S Date: 9/13/11 Personnel: JAR CJ

PURGING:

Reference Depth To Bottom (DTBr) 28.69 ft.	**Start:** 1052	**Stop:** 1100	
Measured Depth to Bottom (DTBm) 28.73 ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW): 7.91 ft.	**Well Yields:** ☑ *Yes* ☐ *No*		
Target Volume: 10.16 gal.	**Water Contained:** ☐ *Yes* ☑ *No*		
Actual Volume: 10.56 gal.	**DTW After Purge:** 7.96 ft.		

PID: *Background:* | *Purging:* ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: B0169S10913G

Sample Time: Start: 11:02 Stop: 11:07

Duplicate ID: ~~WA~~

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ **Date:** 9/13/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 169S **Date:** 9/13/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/13/11	1106	16.9	7.37	1651		clear

COMMENTS:

002525

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW170S Date: 2/4/11 Personnel: S

PURGING:

Reference Depth To Bottom (DTBr)	16.48 ft.	**Start:** 942	**Stop:** 1008
Measured Depth to Bottom (DTBm)	16.62 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	7.32 ft.	**Well Yields:** ☒ *Yes* ☐ *No*	
Target Volume:	4.47 gal.	**Water Contained:** ☐ *Yes* ☒ *No*	
Actual Volume:	4.50 gal.	**DTW After Purge:**	13.60 ft.

PID: | ***Background:*** | ***Purging:*** | ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0170S1026G4G

Sample Time: Start: 1010 Stop: 1015

Duplicate ID: NA

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 2/4/11 **QA/QC Review:** CES **Date:** 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 170S Date: 2/4/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☒ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021B total Fe

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/4/11	1014	5.3	7.07	776		Hazy

COMMENTS:

002432

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW170S **Date:** 5, 31, 11 **Personnel:** CJ KW

PURGING:

Reference Depth To Bottom (DTBr) 16.48 ft.	**Start:** 1108	**Stop:** 1115	
Measured Depth to Bottom (DTBm) 16.62 ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW): 4.99 ft.	**Well Yields:** ☒ *Yes* ☐ *No*		
Target Volume: 5.66 gal.	**Water Contained:** ☐ *Yes* ☒ *No*		
Actual Volume: 6.00 gal.	**DTW After Purge:** 10.81 ft.		

PID: ***Background:*** ***Purging:*** ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K@170S1@53 1G

Sample Time: Start: 1117 Stop: 1121

Duplicate ID: NA

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ **Date:** 5/31/11 **QA/QC Review:** CES **Date:** 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 170S **Date:** 5, 31, 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☒ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 BTEX Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/11	1120	13.2	7.05	588		Cloudy

COMMENTS:

002494

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW170S **Date:** 9/15/11 **Personnel:** JAR CDS

PURGING:

Reference Depth To Bottom (DTBr)	16.48 ft.	**Start:** 1140	**Stop:** 1149
Measured Depth to Bottom (DTBm)	16.55 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	4.64 ft.	**Well Yields:** ☒ Yes ☐ No	
Target Volume:	5-77 gal.	**Water Contained:** ☐ Yes ☒ No	
Actual Volume:	6.00 gal.	**DTW After Purge:**	12.97 ft.

PID: | ***Background:*** | ***Purging:*** | ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K Q 1 7 0 S L 0 9 1 5 G

Sample Time: Start: 1200 Stop: 1206

Duplicate ID: N A

Sampling Method:
☒ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 9/15/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 170S **Date:** 9/15/11

LABORATORY:

☐ IBM - East Fishkill
☒ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021B Hall Frm

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/15/11	1205	13.3	7.17	6.27m		Clear

COMMENTS:

002555

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 171S Date: 2/3/11 Personnel: S

PURGING:

Reference Depth To Bottom (DTBr)	13.7 ft.	**Start:** 1144	**Stop:** 1156
Measured Depth to Bottom (DTBm)	13.7 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	4.57 ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume:	4.49 ~~5.00~~ gal.	**Water Contained:** ☐ Yes ☐ No	
Actual Volume:	5.00 gal.	**DTW After Purge:**	10.05 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0171S1020306

Sample Time: Start: 1153 Stop: 1157

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 2/3/11 **QA/QC Review:** CES **Date:** 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 171S **Date:** 2/3/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Btex Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/3/11	1156	9.8	7.00	6244		Hazy

COMMENTS:

002416

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW-171S Date: 5/25/11 Personnel: KWB CJ

PURGING:

Reference Depth To Bottom (DTBr)	13.77 ft.	**Start:** 1233	**Stop:** 1237
Measured Depth to Bottom (DTBm)	13.70 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	3.25 ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume:	5.14 gal.	**Water Contained:** ☑ Yes ☐ No	
Actual Volume:	5.50 gal.	**DTW After Purge:**	9.14 ft.

PID: *Background:* *Purging:* ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Dca EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K G 1 7 1 S 1 0 5 2 5 G

Sample Time: Start: 1240 Stop: 1245

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/25/11 QA/QC Review: CES Date: 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 171S Date: 5/25/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/25/11	1244	14.1	6.90	57[illegible]		Cloudy

COMMENTS:

002453

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW171S **Date:** 9 /15 / 11 **Personnel:** JAR C

PURGING:

Reference Depth To Bottom (DTBr)	13.77	ft.	**Start:** 11:01	**Stop:** 1106	
Measured Depth to Bottom (DTBm)	13.65	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	3.18	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	5.17	gal.	**Water Contained:**	☐ *Yes*	☐ *No*
Actual Volume:	6.00	gal.	**DTW After Purge:**	7.79	ft.

PID: ***Background:*** ***Purging:*** ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K C 1 7 1 S 1 0 9 1 5 G

Sample Time: Start: 11:10 Stop: 11:14

Duplicate ID: NA

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] 9/15/11 **Date:** _____ **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 171S **Date:** 9 /15 /11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8260 Hall Fn

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/15/11	11:13	14.3	6.99	627m		Clam

COMMENTS:

002553

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW172S Date: 6/2/11 Personnel: CJ KW3

PURGING:

Reference Depth To Bottom (DTBr)	13.45 ft.	**Start:** 902	**Stop:** 906
Measured Depth to Bottom (DTBm)	13.52 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	1.87 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	5.66 gal.	**Water Contained:** ☐ *Yes* ☐ *No*	
Actual Volume:	6.00 gal.	**DTW After Purge:**	5.01 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: MW172S1060ZG

Sample Time: Start: 912 Stop: 917

Duplicate ID: MW172S1060ZD

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ Date: 6/2/11 QA/QC Review: CES Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 172S Date: 6/2/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: _____

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
6/2/11	916	14.5	6.87	2141		Hazl

COMMENTS:

002511

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW173S Date: 2/4/11 Personnel: S

PURGING:

Reference Depth To Bottom (DTBr)	20.81	ft.	Start: 839	Stop: 843	
Measured Depth to Bottom (DTBm)	20.87	ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW):	11.10	ft.	Well Yields:	☑ Yes	☐ No
Target Volume:	4.74	gal.	Water Contained:	☐ Yes	☑ No
Actual Volume:	5.00	gal.	DTW After Purge:	14.00	ft.

PID: | *Background:* | *Purging:* | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded Eq
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0173S102046

Sample Time: Start: 845 Stop: 850

Duplicate ID: NA

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 2/4/11 QA/QC Review: CES Date: 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 173S Date: 2/4/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 5 Halo Freons

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/4/11	849	11.0	7.02	1177u		Hazy

COMMENTS:

002429

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW-173S Date: 5/26/11 Personnel: CJL

PURGING:

Reference Depth To Bottom (DTBr)	20.81 ft.	Start: 1409	Stop: 1414
Measured Depth to Bottom (DTBm)	20.86 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	8.79 ft.	Well Yields: ☑ Yes ☐ No	
Target Volume:	5.87 gal.	Water Contained: ☐ Yes ☑ No	
Actual Volume:	6.00 gal.	DTW After Purge:	12.09 ft.

PID: | *Background:* | *Purging:* | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DdEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0173S160526G

Sample Time: Start: 1416 Stop: 1419

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJL Date: 5/26/11 QA/QC Review: CES Date: 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 173S Date: 5, 26, 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 tag

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1418	14.1	7.22	784		clear

COMMENTS:

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW173S Date: 9/13/11 Personnel: JAR CJ

PURGING:

Reference Depth To Bottom (DTBr) 20.81 ft.	**Start:** 1445	**Stop:** 1452	
Measured Depth to Bottom (DTBm) 20.84 ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW): 7.99 ft.	**Well Yields:** ☑ *Yes* ☐ *No*		
Target Volume: 6.26 gal.	**Water Contained:** ☐ *Yes* ☑ *No*		
Actual Volume: 6.50 gal.	**DTW After Purge:** 9.83 ft.		

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0173S1@0913G

Sample Time: Start: 1455 Stop: 1502

Duplicate ID: K0173S1@0913D

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** _____ **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 173S **Date:** 9/13/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 BTEX Trau

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/13/11	1501	14.2	7.25	791		Cloudy

COMMENTS:

002535

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW-174S Date: 2/4/11 Personnel: GM

PURGING:

Reference Depth To Bottom (DTBr)	15.27 ft.	**Start:** 852	**Stop:** 857
Measured Depth to Bottom (DTBm)	15.42 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	10.97 ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume:	2.10 gal.	**Water Contained:** ☐ Yes ☑ No	
Actual Volume:	3.00 gal.	**DTW After Purge:**	13.80 ft.

PID: | *Background:* | *Purging:* | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K@174S1@2@4G

Sample Time: Start: 900 Stop: 904

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 2/4/11 QA/QC Review: CES Date: 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 174S Date: 2/4/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 B Halides

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/4/11	903	8.8	7.47	4632		Cloudy

COMMENTS:

002430

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 174S Date: 5 / 26 / 11 Personnel: S

PURGING:

Reference Depth To Bottom (DTBr)	15.27 ft.	**Start:** 14:21	**Stop:** 1424
Measured Depth to Bottom (DTBm)	15.04 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	9.12 ft.	**Well Yields:** ☒ *Yes* ☐ *No*	
Target Volume:	3.01 gal.	**Water Contained:** ☐ *Yes* ☒ *No*	
Actual Volume:	3.5 gal.	**DTW After Purge:**	12.61 ft.

PID: | ***Background:*** | ***Purging:*** | ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0174S105266

Sample Time: Start: 1427 Stop: 1431

Duplicate ID: NA

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/26/11 QA/QC Review: CES Date: 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 174S Date: 5 / 26 / 11

LABORATORY:

☐ IBM - East Fishkill
☒ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1430	18.4	7.30	5050		Clear

COMMENTS:

002473

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 1748 **Date:** 9 / 13 / 11 **Personnel:** JAE SG

PURGING:

Reference Depth To Bottom (DTBr) 15.27 ft.	**Start:** 1505	**Stop:** 1513	
Measured Depth to Bottom (DTBm) 15.05 ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW): 7.93 ft.	**Well Yields:** ☐ Yes	☐ No	
Target Volume: 3.58 gal.	**Water Contained:** ☐ Yes	☑ No	
Actual Volume: 5.00 gal.	**DTW After Purge:** 8.13 ft.		

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0174811@913G

Sample Time: Start: 1518 Stop: 1523

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/13/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 1748 **Date:** 9, 13, 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 BTEX

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/13/11	1522	18.6	7.33	521		Cloudy

COMMENTS:

002536

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW175S Date: 2/7/11 Personnel: [signature]

PURGING:

Reference Depth To Bottom (DTBr)	21.49	ft.	**Start:** 1050	**Stop:** 1056	
Measured Depth to Bottom (DTBm)	21.92	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	11.06	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	5.10	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	6.00	gal.	**DTW After Purge:**	10.92	ft.

PID: *Background:* | *Purging:* ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0175S102070

Sample Time: Start: 1100 Stop: 1115

Duplicate ID: K0175S102070D

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 2/7/11 **QA/QC Review:** CES **Date:** 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 175S **Date:** 2/7/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021B Halll Free

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/7/11	11:14	7.7	6.86	1419		CLOUDY

COMMENTS:

002446

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW175S **Date:** 5 / 26 / 11 **Personnel:** KwB g

PURGING:

Reference Depth To Bottom (DTBr) 21.49 ft.	**Start:** 1434	**Stop:** 1438	
Measured Depth to Bottom (DTBm) 21.80 ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW): 8.46 ft.	**Well Yields:** ☒ Yes ☐ No		
Target Volume: 6.37 gal.	**Water Contained:** ☐ Yes ☒ No		
Actual Volume: 6.56 gal.	**DTW After Purge:** 8.52 ft.		

PID: | ***Background:*** | ***Purging:*** | ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0175811052626

Sample Time: Start: 1440 Stop: 1444

Duplicate ID: NA

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 5/26/11 **QA/QC Review:** CES **Date:** 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 175S **Date:** 5 / 26 / 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☒ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1443	18.9	7.48	4962		Cloudy

COMMENTS:

0024474

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW175S **Date:** 9/13/11 **Personnel:** JAG

PURGING:

Reference Depth To Bottom (DTBr)	21.49 ft.	**Start:** 14:25	**Stop:** 14:30
Measured Depth to Bottom (DTBm)	21.70 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	7.52 ft.	**Well Yields:** ☒ *Yes* ☐ *No*	
Target Volume:	6.83 gal.	**Water Contained:** ☐ *Yes* ☒ *No*	
Actual Volume:	7.00 gal.	**DTW After Purge:**	ft.

PID: ***Background:*** ***Purging:*** ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☐ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: MW175S110913G

Sample Time: Start: 1433 Stop: 1438

Duplicate ID: N/A

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] 9/13/11 **Date:** **QA/QC Review:** **Date:**

IBM
Kingston, New York

Analysis Request Form

Well Number: 175S **Date:** 9/13/11

LABORATORY:

☐ IBM - East Fishkill
☒ EnviroTest
☐ Other:

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021B Halo Fm

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/13/11	1437	19.0	7.51	4982		Clear

COMMENTS:

002534

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW176S Date: 2 / 3 / 11 Personnel: GM

PURGING:

Reference Depth To Bottom (DTBr)	15.46	ft.	**Start:** 1330	**Stop:** 1340	
Measured Depth to Bottom (DTBm)	15.40	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	8.40	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	3.45	gal.	**Water Contained:**	☑ *Yes*	☐ *No*
Actual Volume:	4.00	gal.	**DTW After Purge:**	9.01	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0176S102036

Sample Time: Start: 1345 Stop: 1350

Duplicate ID: N/A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 2/3/11 **QA/QC Review:** CES **Date:** 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 176S **Date:** 2, 3, 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Btex Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/3/11	1349	15.2	7.19	277.7		Hazy

COMMENTS:

* Initial DTB was 14.65 - Weighted tape used to get hard bottom - will be redeveloped at a later date -

002420

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW176S Date: 5/26/11 Personnel: SG KW

PURGING:

Reference Depth To Bottom (DTBr)	15.46 ft.	**Start:** 1448	**Stop:** 1455
Measured Depth to Bottom (DTBm)	15.35 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	6.05 ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume:	4.60 gal.	**Water Contained:** ☐ Yes ☐ No	
Actual Volume:	5.00 gal.	**DTW After Purge:**	6.43 ft.

PID: | ***Background:*** | ***Purging:*** | ☐ ~~Not Applicable~~

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0176S105266

Sample Time: Start: 1458 Stop: 1503

Duplicate ID: K0176S105266D

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 5/26/11 **QA/QC Review:** CES **Date:** 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 176S **Date:** 5/26/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1502	16.3	7.20	1035		Cloudy

COMMENTS:

0002475

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW1765 Date: 9 / 13 / 11 Personnel: JAP Q

PURGING:

Reference Depth To Bottom (DTBr)	15.46 ft.	**Start:** 14:08	**Stop:** 14:13
Measured Depth to Bottom (DTBm)	15.36 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	5.21 ft.	**Well Yields:**	☒ *Yes* ☐ *No*
Target Volume:	5.01 gal.	**Water Contained:**	☐ *Yes* ☐ *No*
Actual Volume:	5.50 gal.	**DTW After Purge:**	5.48 ft.

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K Q 1 7 6 5 1 0 9 1 3 G

Sample Time: Start: 14:15 Stop: 1420

Duplicate ID: N A

Sampling Method:
☒ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ Date: 9/13/11 QA/QC Review: _____ Date: _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 1765 Date: 9, 13, 11

LABORATORY:

☐ IBM - East Fishkill
☒ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 Btfall From

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/13/11	1419	16.4	7.18	1044		Clear

COMMENTS:

002533

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW177S **Date:** 2/3/11 **Personnel:** S K

PURGING:

Reference Depth To Bottom (DTBr)	16.82 ft.	**Start:** 1355	**Stop:** 1460
Measured Depth to Bottom (DTBm)	~~16.82~~ 16.98	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	10.19 S ~~10.40~~ ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume:	3.24 ~~4.44~~ gal.	**Water Contained:** ☐ Yes ☒ No	
Actual Volume:	4.0V gal.	**DTW After Purge:**	12.97 ft.

PID: ***Background:*** ***Purging:*** ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded E Q
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K Q 1 7 7 S 1 0 2 0 3 6

Sample Time: Start: 1403 Stop: 1409

Duplicate ID: N A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 2/3/11 **QA/QC Review:** CES **Date:** 2/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 177S **Date:** 2, 3, 4

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021B Hall Frz

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/3/11	1408	11.4	7.37	1411		Clear

COMMENTS:

002421

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW177S Date: 5, 26, 11 Personnel: S

PURGING:

Reference Depth To Bottom (DTBr)	16.82 ft.	Start: 1506	Stop: 15:12
Measured Depth to Bottom (DTBm)	16.92 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	7.84 ft.	Well Yields:	☑ Yes ☐ No
Target Volume:	4.39 gal.	Water Contained:	☐ Yes ☑ No
Actual Volume:	4.50 gal.	DTW After Purge:	9.37 ft.

PID: | Background: | Purging: | ☑ Not Applicable

Purge Method	Rate	Equipment ID
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0177S1052611G

Sample Time: Start: 1515 Stop: 1521

Duplicate ID: ----N1----

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/26/11 QA/QC Review: CES Date: 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 177S Date: 5, 26, 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halos

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1520	18.9	7.35	990		Hazy

COMMENTS:

0002476

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW177S **Date:** 9 / 13 11 **Personnel:** SJ JAN

PURGING:

Reference Depth To Bottom (DTBr)	16.82 ft.	**Start:** 1345	**Stop:** 1350
Measured Depth to Bottom (DTBm)	16.90 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	7.06 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	4.77 gal.	**Water Contained:** ☐ *Yes* ☑ *No*	
Actual Volume:	5.00 gal.	**DTW After Purge:**	7.18 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K Q 1 7 7 S 1 0 9 1 3 G

Sample Time: Start: 1355 Stop: 1359

Duplicate ID: N A

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/13/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 177S **Date:** 9,13,4

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021B Halides

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/13/11	1355	18.9	7.37	998		Hazy

COMMENTS:

002532

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW178S **Date:** 2/3/11 **Personnel:** SH

PURGING:

Reference Depth To Bottom (DTBr)	16.63 ft.	**Start:** 1516	**Stop:** 1520
Measured Depth to Bottom (DTBm)	16.73 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	10.18 ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume:	3.15 gal.	**Water Contained:** ☐ Yes ☑ No	
Actual Volume:	4.0 gal.	**DTW After Purge:**	10.40 ft.

PID: ***Background:*** ***Purging:*** ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K@178S102@3G

Sample Time: Start: 1523 Stop: 1527

Duplicate ID: N/A

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 2/3/11 **QA/QC Review:** CES **Date:** 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 178S **Date:** 2/3/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/3/11	1526	11.1	7.00	389.6		Clear

COMMENTS:

002425

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW178S **Date:** 5/26/11 **Personnel:** CJ JW

PURGING:

Reference Depth To Bottom (DTBr)	16.63 ft.	**Start:** 1036	**Stop:** 1035
Measured Depth to Bottom (DTBm)	16.75 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	8.95 ft.	**Well Yields:** ☒ Yes ☐ No	
Target Volume:	3.75 gal.	**Water Contained:** ☐ Yes ☒ No	
Actual Volume:	4.00 gal.	**DTW After Purge:**	8.98 ft.

PID: | ***Background:*** | ***Purging:*** | ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0178S1052611

Sample Time: Start: 1040 Stop: 1046

Duplicate ID: NA

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 5/26/11 **QA/QC Review:** CES **Date:** 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 178S **Date:** 5/26/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1045	11.6	6.57	630		Clear

COMMENTS:

002462

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 178S **Date:** 9, 13, 11 **Personnel:** JTacy

PURGING:

Reference Depth To Bottom (DTBr) 16.63 ft.	**Start:** 1202	**Stop:** 1215	
Measured Depth to Bottom (DTBm) 16.72 ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW): 8.39 ft.	**Well Yields:** ☑ *Yes* ☐ *No*		
Target Volume: 4.02 gal.	**Water Contained:** ☐ *Yes* ☑ *No*		
Actual Volume: 4.50 gal.	**DTW After Purge:** 8.39 ft.		

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K O 1 7 8 S 1 0 9 1 3 G

Sample Time: Start: 1220 Stop: 1225

Duplicate ID: N A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/13/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 178S **Date:** 9, 13, 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 BHalFrm

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/13/11	1224	11.5	6.59	6663		

COMMENTS:

002528

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW180S Date: 2/3/11 Personnel: GH

PURGING:

Reference Depth To Bottom (DTBr)	18.22	ft.	**Start:** 15:32	**Stop:**	1538
Measured Depth to Bottom (DTBm)	18.48	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	7.12	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	5.42	gal.	**Water Contained:**	☑ *Yes*	☐ *No*
Actual Volume:	5.50	gal.	**DTW After Purge:**	8.71	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EO
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K018@511@203G

Sample Time: Start: 1546 Stop: 1545

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 2/3/11 QA/QC Review: CES Date: 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: MW180S Date: 2/3/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021B Hall Fm

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/3/11	1544	9.8	7.05	436.8		Clear

COMMENTS:

002426

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW180S **Date:** 5/26/11 **Personnel:** LWS

PURGING:

Reference Depth To Bottom (DTBr)	18.22 ft.	**Start:** 1303	**Stop:** 1307
Measured Depth to Bottom (DTBm)	18.48 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	5.85 ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume:	6.04 gal.	**Water Contained:** ☑ Yes ☐ No	
Actual Volume:	6.50 gal.	**DTW After Purge:**	7.75 ft.

PID: ***Background:*** ***Purging:*** ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K@180S1052626G

Sample Time: Start: 1310 Stop: ~~1310~~ 1314

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 5/26/11 **QA/QC Review:** CES **Date:** 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 180S **Date:** 5/26/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1313	14.2	6.89	4991		Hazy

COMMENTS:

002468

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW180S **Date:** 9, 13, 11 **Personnel:** JARG

PURGING:

Reference Depth To Bottom (DTBr)	18.22 ft.	**Start:** 1305	**Stop:** 1314
Measured Depth to Bottom (DTBm)	1844 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	5.62 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	6.66 gal.	**Water Contained:** ☑ *Yes* ☐ *No*	
Actual Volume:	6.50 gal.	**DTW After Purge:**	6.90 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K Q 1 8 0 S 1 0 9 1 3 G

Sample Time: Start: 1315 Stop: 1320

Duplicate ID: — — — — — W A — — — —

Sampling Method:
☐ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/13/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: MW180S **Date:** 9, 13, 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021B Hall Frm

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/13/11	1319	14.1	6.93	4837		Hazy

COMMENTS:

002530

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW-18S **Date:** 2/3/11 **Personnel:** SW

PURGING:

Reference Depth To Bottom (DTBr)	17.57	ft.	**Start:** 13:10	**Stop:** 13:15	
Measured Depth to Bottom (DTBm)	17.71	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	8.06	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	4.65	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	5.00	gal.	**DTW After Purge:**	8.09	ft.

PID: ***Background:*** ***Purging:*** ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Dec EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0181510203G

Sample Time: Start: 13:18 Stop: 13:22

Duplicate ID: N/A

Sampling Method:

☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 2/3/11 **QA/QC Review:** CES **Date:** 2/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 181S **Date:** 2/3/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 Bkll Frz

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/3/11	1321	9.9	7.09	692m		Hazy

COMMENTS:

002419

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW1818 **Date:** 5/26/11 **Personnel:** CJL

PURGING:

Reference Depth To Bottom (DTBr)	17.57 ft.	**Start:** 905	**Stop:** 910
Measured Depth to Bottom (DTBm)	17.68 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	6.24 ft.	**Well Yields:** ☒ Yes ☐ No	
Target Volume:	5.54 gal.	**Water Contained:** ☒ Yes ☐ No	
Actual Volume:	6.00 gal.	**DTW After Purge:**	6.32 ft.

PID: ***Background:*** ***Purging:*** ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0181510526G

Sample Time: Start: 915 Stop: 920

Duplicate ID: N

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJL 5/26/11 **Date:** **QA/QC Review:** CES **Date:** 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 1818 **Date:** 5/26/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☒ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	919	13.2	7.27	989µ		Cleary

COMMENTS:

002458

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW181S Date: 9/13/11 Personnel: JAP S

PURGING:

Reference Depth To Bottom (DTBr)	17.57	ft.	**Start:** 1115	**Stop:** 1122	
Measured Depth to Bottom (DTBm)	17.66	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	5.58	ft.	**Well Yields:** ☑ *Yes* ☐ *No*		
Target Volume:	5.86	gal.	**Water Contained:** ☐ *Yes* ☑ *No*		
Actual Volume:	6.00	gal.	**DTW After Purge:**	5.58	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K Q 1 8 1 S 1 0 9 1 3 G

Sample Time: Start: 1125 Stop: 1130

Duplicate ID: N A

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ Date: 9/13/11 QA/QC Review: _____ Date: _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 181S Date: 9/13/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 BTEX Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/13/11	1129	13.1	7.24	991.2		Clear

COMMENTS:

002527

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW182S Date: 2/3/11 Personnel: [signature]

PURGING:

Reference Depth To Bottom (DTBr)	20.03 ft.	**Start:** 1500	**Stop:** 1505		
Measured Depth to Bottom (DTBm)	20.32 ft.	*Note: Use Reference Depth to Bottom for calculations*			
Depth to Water (DTW):	10.60 ft.	**Well Yields:**	☒ *Yes*	☐ *No*	
Target Volume:	4.61 gal.	**Water Contained:**	☒ *Yes*	☐ *No*	
Actual Volume:	5.00 gal.	**DTW After Purge:**	10.70 ft.		

PID: | ***Background:*** | ***Purging:*** | ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0182S102036

Sample Time: Start: 1507 Stop: 1511

Duplicate ID: N/A

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 2/3/11 QA/QC Review: CES Date: 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 182S Date: 2/3/11

LABORATORY:

☐ IBM - East Fishkill
☒ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 Btex Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/3/11	1510	6.0	7.03	357.2		Clear

COMMENTS:

002424

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW1825 Date: 5/26/11 Personnel: SH

PURGING:

Reference Depth To Bottom (DTBr)	20.03	ft.	Start: 926	Stop: 934	
Measured Depth to Bottom (DTBm)	20.32	ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW):	8.66	ft.	Well Yields:	☑ Yes	☐ No
Target Volume:	5.58	gal.	Water Contained:	☐ Yes	☑ No
Actual Volume:	6.00	gal.	DTW After Purge:	8.76	ft.

PID: | *Background:* | *Purging:* | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K01825105261G

Sample Time: Start: 945 Stop: 951

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/26/11 QA/QC Review: CES Date: 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 1825 Date: 5/26/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	950	11.7	6.58	303.9		Clear

COMMENTS:

002459

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW182S **Date:** 9/13/11 **Personnel:** JAR CJ

PURGING:

Reference Depth To Bottom (DTBr) 20.03 ft.	**Start:** 1140	**Stop:** 1146	
Measured Depth to Bottom (DTBm) 20.31 ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW): 7.73 ft.	**Well Yields:** ☑ Yes ☐ No		
Target Volume: 6.01 gal.	**Water Contained:** ☐ Yes ☑ No		
Actual Volume: 6.50 gal.	**DTW After Purge:** 7.78 ft.		

PID: ***Background:*** ***Purging:*** ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K Q 1 8 2 S (Q 9 1 3 G

Sample Time: Start: 1150 Stop: 1156

Duplicate ID: N A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/13/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 182S **Date:** 9/13/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 BHall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/13/11	1155	11.9	6.81	317.6		Haze

COMMENTS:

002526

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW183S Date: 2 / 3 / 11 Personnel: KWB S

PURGING:

Reference Depth To Bottom (DTBr)	29.40 ft.	**Start:** 12:37	**Stop:** 1252
Measured Depth to Bottom (DTBm)	29.37 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	3.33 ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume:	12.74 gal.	**Water Contained:** ☐ Yes ☑ No	
Actual Volume:	13.00 gal.	**DTW After Purge:**	4.90 ft.

PID: | ***Background:*** | ***Purging:*** | ☐ ~~Not Applicable~~

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K C 1 8 3 5 1 C 2 C 3 G

Sample Time: Start: 1255 Stop: 1300

Duplicate ID: N A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 2/3/11 **QA/QC Review:** CES **Date:** 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 183S **Date:** 2 / 3 / 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/3/11	1259	11.5	6.22	121.3		Clear

COMMENTS:

002418

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW1835 Date: 5/26/11 Personnel: CJ KW

PURGING:

Reference Depth To Bottom (DTBr)	29.40 ft.	**Start:** 0950	**Stop:** 1058
Measured Depth to Bottom (DTBm)	29.32 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	3.21 ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume:	12.80 gal.	**Water Contained:** ☐ Yes ☑ No	
Actual Volume:	13.0 gal.	**DTW After Purge:**	3.29 ft.

PID: ***Background:*** ☐ ***Purging:*** ☐ ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K Q 1 8 3 5 1 0 5 2 6 1 1 G

Sample Time: Start: 1100 Stop: 1105

Duplicate ID: N A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/26/11 QA/QC Review: CES Date: 6/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 1835 Date: 5/26/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halos

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1104	13.5	6.25	215.4		Hazy

COMMENTS:

002463

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW183S Date: 9 / 13 / 11 Personnel: JAR 9

PURGING:

Reference Depth To Bottom (DTBr) 29.40 ft.	**Start:** 1240	**Stop:** 1248	
Measured Depth to Bottom (DTBm) 29.28 ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW): 2.63 ft.	**Well Yields:** ☑ *Yes* ☐ *No*		
Target Volume: 13.09 gal.	**Water Contained:** ☐ *Yes* ☑ *No*		
Actual Volume: 13.50 gal.	**DTW After Purge:** 2.64 ft.		

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K@183S091316

Sample Time: Start: 1253 Stop: 1300

Duplicate ID: ~~~~~~~~NA~~~~~~~~

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/13/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: MW183S **Date:** 9 / 13 / 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021B total Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/13/11	1259	13.5	6.32	2207		Hazy

COMMENTS:

002529

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW184SA Date: 2 / 4 / 11 Personnel: SGm

PURGING:

Reference Depth To Bottom (DTBr)	13.40	ft.	**Start:** 1042	**Stop:** 1046	
Measured Depth to Bottom (DTBm)	13.58	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	11.07	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	1.13	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	1.50	gal.	**DTW After Purge:**	12.85	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K | 1 | 8 | 4 | S | A | 1 | 0 | 2 | 0 | 4 | G

Sample Time: Start: 1048 Stop: 1051

Duplicate ID: N | A

Sampling Method:

☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 2/4/11 **QA/QC Review:** CES **Date:** 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 184SA Date: 2 / 4 / 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 BTEX Full

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/4/11	1050	6.6	7.16	421µ		Hazy

COMMENTS:

002434

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW184SA Date: 5/31/11 Personnel: CGV

PURGING:

Reference Depth To Bottom (DTBr)	13.40 ft.	Start: 1217	Stop: 1220
Measured Depth to Bottom (DTBm)	13.53 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	9.17 ft.	Well Yields: ☒ Yes ☐ No	
Target Volume:	2.06 gal.	Water Contained: ☐ Yes ☒ No	
Actual Volume:	2.50 gal.	DTW After Purge:	9.35 ft.

PID: Background: Purging: ☒ Not Applicable

Purge Method	Rate	Equipment ID
☒ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: B184SA105311G

Sample Time: Start: 1223 Stop: 1227

Duplicate ID: NA

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/31/11 QA/QC Review: CES Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 184SA Date: 5/31/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☒ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021B Hal Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/11	1224	12.8	7.29	149.2		Hazy

COMMENTS:

002498

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 184SA **Date:** 9 / 15 / 11 **Personnel:** JAR 9

PURGING:

Reference Depth To Bottom (DTBr)	13.40	ft.	**Start:** 910	**Stop:** 9:15	
Measured Depth to Bottom (DTBm)	13.35	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	6.80	ft.	**Well Yields:**	☑ Yes	☐ No
Target Volume:	3.22	gal.	**Water Contained:**	☐ Yes	☑ No
Actual Volume:	3.50	gal.	**DTW After Purge:**	7.04	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: IBM184SA091511G

Sample Time: Start: 920 Stop: 925

Duplicate ID: N

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/15/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 184SA **Date:** 9 / 15 / 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 BHall Fm

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/15/11	924	12.9	7.37	157.8		Clear

COMMENTS:

002549

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW1855A **Date:** 2/4/11 **Personnel:** CJ KwB

PURGING:

Reference Depth To Bottom (DTBr) 21.70 ft.		**Start:** 1054	**Stop:** 1058
Measured Depth to Bottom (DTBm) 21.84 ft.		*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW): 17.81 ft.		**Well Yields:** ☑ Yes ☐ No	
Target Volume: 1.90 gal.		**Water Contained:** ☐ Yes ☑ No	
Actual Volume: 2.00 gal.		**DTW After Purge:** 18.04 ft.	

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K185SA1602Q4G

Sample Time: Start: 1100 Stop: 1105

Duplicate ID: DUP

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 2/4/11 **QA/QC Review:** CES **Date:** 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 1855A **Date:** 2/4/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021B Hall Frm

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/4/11	1104	8.7	7.19	1042u		Clear

COMMENTS:

002435

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW185SA Date: 5/31/11 Personnel: SL

PURGING:

Reference Depth To Bottom (DTBr)	21.70	ft.	**Start:** 1230	**Stop:** 1234	
Measured Depth to Bottom (DTBm)	21.71	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	15.06	ft.	**Well Yields:**	☒ *Yes*	☐ *No*
Target Volume:	3.24	gal.	**Water Contained:**	☐ *Yes*	☒ *No*
Actual Volume:	3.50	gal.	**DTW After Purge:**	15.15	ft.

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K185SA10531G

Sample Time: Start: 1237 Stop: 1241

Duplicate ID: NA

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 5/31/11 **QA/QC Review:** CES **Date:** 6/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 185SA **Date:** 5/31/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☒ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021B Halifax

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/11	1240	12.2	7.12	954u		Ambr

COMMENTS:

002499

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 185SA Date: 9 / 15 / 11 Personnel: JARG

PURGING:

Reference Depth To Bottom (DTBr)	21.70	ft.	**Start:** 848	**Stop:** 8:52	
Measured Depth to Bottom (DTBm)	21.69	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	12.09	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	4.69	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	5.00	gal.	**DTW After Purge:**	12.16	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K185SA109150

Sample Time: Start: 855 Stop: 900

Duplicate ID: NA

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/15/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 185SA **Date:** 9 / 15 / 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021B Hall Forav

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/15/11	859	12.0	7.21	1001u		Hazy

COMMENTS:

002548

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW1865 Date: 5,25,11 Personnel: CJ KB

PURGING:

Reference Depth To Bottom (DTBr)	17.80	ft.	Start: 1252	Stop: 1300	
Measured Depth to Bottom (DTBm)	17.79	ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW):	2-74	ft.	Well Yields:	☑ Yes	☐ No
Target Volume:	7.36	gal.	Water Contained:	☑ Yes	☐ No
Actual Volume:	7-50	gal.	DTW After Purge:	11.80	ft.

PID: Background: | Purging: ☑ Not Applicable

Purge Method	Rate	Equipment ID
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0186S105255G

Sample Time: Start: 1303 Stop: 1307

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/25/11 QA/QC Review: CES Date: 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 1865 Date: 5,25,11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/25/11	1306	15.4	7.52	189.1		Hazy

COMMENTS:

002454

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW187S **Date:** 2/3/11 **Personnel:** SK

PURGING:

Reference Depth To Bottom (DTBr)	14.67 ft.	**Start:** 12:02	**Stop:** 12:12
Measured Depth to Bottom (DTBm)	14.67 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	3.42 ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume:	5.50 gal.	**Water Contained:** ☐ Yes ☐ No	
Actual Volume:	6.00 gal.	**DTW After Purge:**	10.05 ft.

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0187S102030

Sample Time: Start: 1215 Stop: 1220

Duplicate ID: K0187S102030D

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 2/3/11 **QA/QC Review:** CES **Date:** 2/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 187S **Date:** 2/3/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 BTEX Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/3/11	1219	10.3	7.06	239.4		Clear

COMMENTS:

002417

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 187S **Date:** 5 ,25, 11 **Personnel:** SJ KW

PURGING:

Reference Depth To Bottom (DTBr)	14.67	ft.	**Start:** 1209	**Stop:** 1214	
Measured Depth to Bottom (DTBm)	14.58	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	1.60	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	6.39	gal.	**Water Contained:**	☑ *Yes*	☐ *No*
Actual Volume:	6.50	gal.	**DTW After Purge:**	9.90	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	***Rate***	***Equipment ID***
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0187S105251G

Sample Time: Start: 1217 Stop: 1223

Duplicate ID: NA

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 5/25/11 **QA/QC Review:** CES **Date:** 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 187S **Date:** 5 ,25, 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/25/11	1222	13.6	6.85	245.3		Cloudy

COMMENTS:

002452

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW187S Date: 9, 15, 11 Personnel: JAES

PURGING:

Reference Depth To Bottom (DTBr)	14.67 ft.	**Start:** 10:12	**Stop:** 1017
Measured Depth to Bottom (DTBm)	14.60 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	1-26 ft.	**Well Yields:** ☒ *Yes* ☐ *No*	
Target Volume:	6.55 gal.	**Water Contained:** ☒ *Yes* ☐ *No*	
Actual Volume:	7.00 gal.	**DTW After Purge:**	8.73 ft.

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0187S1091 5G

Sample Time: Start: 10:20 Stop: 1026

Duplicate ID: DUP

Sampling Method:
☒ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/15/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 187S **Date:** 9, 15, 11

LABORATORY:

☐ IBM - East Fishkill
☒ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 BTEX Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/15/11	1025	13.7	6.93	257.4		Clear

COMMENTS:

002552

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 1885 Date: 5/31/11 Personnel: [signature]

PURGING:

Reference Depth To Bottom (DTBr)	17.42	ft.	Start: 1140	Stop: 1145	
Measured Depth to Bottom (DTBm)	17.50	ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW):	6.20	ft.	Well Yields:	☑ Yes	☐ No
Target Volume:	5.48	gal.	Water Contained:	☐ Yes	☑ No
Actual Volume:	6.00	gal.	DTW After Purge:	6.21	ft.

PID: | *Background:* | *Purging:* | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Dun EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0188105311G

Sample Time: Start: 1147 Stop: 1151

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/31/11 QA/QC Review: CES Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: MW 1888 Date: 5/31/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 BTEX Fra

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/11	1150	13.2	6.98	453.6		cloudy

COMMENTS:

002496

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW189S Date: 5/26/11 Personnel: SG MS

PURGING:

Reference Depth To Bottom (DTBr)	10.81	ft.	**Start:** 1350	**Stop:** 1355	
Measured Depth to Bottom (DTBm)	10.78	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	4.70	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	2.98	gal.	**Water Contained:**	☑ *Yes*	☐ *No*
Actual Volume:	3.00	gal.	**DTW After Purge:**	8.39	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		D
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0189S10526G

Sample Time: Start: 1400 Stop: 1406

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ **Date:** 5/26/11 **QA/QC Review:** CES **Date:** 9/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 189S **Date:** 5/26/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 Halo

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1405	18.4	6.68	2553		Cloudy

COMMENTS:

002471

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW201S Date: 5/27/11 Personnel: CJ LW

PURGING:

Reference Depth To Bottom (DTBr)	17.91 ft.	Start: 945	Stop: 950
Measured Depth to Bottom (DTBm)	17.94 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	6.63 ft.	Well Yields: ☑ Yes ☐ No	
Target Volume:	12.41 gal.	Water Contained: ☐ Yes ☑ No	
Actual Volume:	12.50 gal.	DTW After Purge: 6.80 ft.	

PID: Background: | Purging: ☑ Not Applicable

Purge Method	Rate	Equipment ID
☑ Bailer		Dra EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0201S105276

Sample Time: Start: 952 Stop: 956

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ Date: 5/27/11 QA/QC Review: CES Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 201S Date: 5/27/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/27/11	955	15.7	7.43	492µ		Cloudy

COMMENTS:

002481

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW203S **Date:** 2 / 4 / 11 **Personnel:** CJ KWT

PURGING:

Reference Depth To Bottom (DTBr)	ft.	**Start:**	**Stop:**
Measured Depth to Bottom (DTBm)	ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	ft.	**Well Yields:**	☐ *Yes* ☐ *No*
Target Volume:	gal.	**Water Contained:**	☐ *Yes* ☐ *No*
Actual Volume:	gal.	**DTW After Purge:**	ft.

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☐ Bailer		
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID:

Sample Time: Start: _____ Stop: _____

Duplicate ID:

Sampling Method:
☐ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 2/4/11 **QA/QC Review:** CES **Date:** 3/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: _____ **Date:** ___/___/___

LABORATORY:

☐ IBM - East Fishkill
☐ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☑ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: _____

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes

COMMENTS:

Well is dry - Checked w/ MScope + Bailer

8

002437

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW2038 Date: 5/31/11 Personnel: CJ KWB

PURGING:

Reference Depth To Bottom (DTBr)	**ft.**	**Start:**	**Stop:**
Measured Depth to Bottom (DTBm)	**ft.**	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	**ft.**	**Well Yields:**	☐ *Yes* ☐ *No*
Target Volume:	**gal.**	**Water Contained:**	☐ *Yes* ☐ *No*
Actual Volume:	**gal.**	**DTW After Purge:**	**ft.**

PID: | *Background:* | *Purging:* | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☐ Bailer		
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID:

Sample Time: Start: _____ Stop: _____

Duplicate ID:

Sampling Method: ☐ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ Shea Date: 5/31/11 QA/QC Review: CS Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: _____ Date: / /

LABORATORY:

☐ IBM - East Fishkill
☐ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: _____

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes

COMMENTS:

Well is dry - Bailer + MScope were checked

002501

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 203S Date: 9, 15, 11 Personnel: JAR CJ

PURGING: 1262

Reference Depth To Bottom (DTBr) ~~20.32~~ ft.		Start: 758	Stop: 808
Measured Depth to Bottom (DTBm) 12.81 ft.		*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW): 9.84 ft.		Well Yields: ☐ Yes ☒ No	
Target Volume: 3.06 ~~6.45~~ gal.		Water Contained: ☐ Yes ☒ No	
Actual Volume: 1.00 gal.		DTW After Purge: 11.35 ft.	

PID: | *Background:* | *Purging:* | ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 2 0 3 S 1 0 9 1 5 G

Sample Time: Start: 818 Stop: 825

Duplicate ID: N A

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ 9/15/11 Date: _____ QA/QC Review: _____ Date: _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 203S Date: 9, 15, 11

LABORATORY:

☐ IBM - East Fishkill
☒ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 B Hall Frm

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/15/11	824	16.1	7.27	724		Cloudy

COMMENTS:

002546

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW204S Date: 2/4/11 Personnel: CW

PURGING:

Reference Depth To Bottom (DTBr)	159.3	ft.	**Start:** 11:10	**Stop:** 11:17	
Measured Depth to Bottom (DTBm)	160.0	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	8.30	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	840	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	8.50	gal.	**DTW After Purge:**	13.11	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EG
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K Q 2 Q 4 S 1 0 2 0 4 G

Sample Time: Start: 11:20 Stop: 1126

Duplicate ID: N/A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ **Date:** 2/4/11 **QA/QC Review:** CES **Date:** 6/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 204S Date: 2/4/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☑ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/4/11	1125	12.4	7.96	421 us		Haze

COMMENTS:

002438

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW204S **Date:** 5, 31, 2011 **Personnel:** CJM

PURGING:

Reference Depth To Bottom (DTBr)	15.93 ft.	**Start:** 1245	**Stop:** 1252
Measured Depth to Bottom (DTBm)	15.97 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	6.71 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	10.15 gal.	**Water Contained:** ☐ *Yes* ☑ *No*	
Actual Volume:	11.00 gal.	**DTW After Purge:**	9.15 ft.

PID: ***Background:*** ***Purging:*** ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0204S1105311G

Sample Time: Start: 1255 Stop: 1301

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJM 5/31/11 **Date:** _____ **QA/QC Review:** CES **Date:** 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 204S **Date:** 5, 31, 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 BTEX Freon
Pb

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/11	1300	13.3	7.43	311.4		Cloudy

COMMENTS:

002502

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW204S Date: 9/15/11 Personnel: JNR

PURGING:

Reference Depth To Bottom (DTBr) 15.93 ft.	**Start:** 930	**Stop:** 937	
Measured Depth to Bottom (DTBm) 15.82 ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW): 5.64 ft.	**Well Yields:** ☑ *Yes* ☐ *No*		
Target Volume: 11.33 gal.	**Water Contained:** ☐ *Yes* ☑ *No*		
Actual Volume: 11.50 gal.	**DTW After Purge:** 6.56 ft.		

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K G 2 0 4 S 1 0 9 1 5 G

Sample Time: Start: 940 Stop: 947

Duplicate ID: K G 2 0 4 S 1 0 9 1 5 D

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 9/15/11 QA/QC Review: _____ Date: _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 204S Date: 9/15/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 B Hall Fm

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/15/11	946	13.5	7.47	317.2		Clear

COMMENTS:

002550

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW-206S Date: 2/7/11 Personnel: KWS

PURGING:

Reference Depth To Bottom (DTBr)	17.18 ft.	Start: 1008	Stop: 10:13
Measured Depth to Bottom (DTBm)	17.26 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	7.87 ft.	Well Yields: ☑ Yes ☐ No	
Target Volume:	10.25 gal.	Water Contained: ☐ Yes ☑ No	
Actual Volume:	11.00 gal.	DTW After Purge:	8.40 ft.

PID: | *Background:* | *Purging:* | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded. EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0206S1@2@7G

Sample Time: Start: 10:19 Stop: 1030

Duplicate ID: NA

Sampling Method: ☐ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ Date: 2/7/11 QA/QC Review: CES Date: 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 206S Date: 2/7/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☑ Phenols (total) (EPA 420.1)
☑ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☑ Arsenic (EPA 206.2 or 7060A)
☑ Cadmium (EPA 7131)
☑ Lead (EPA 239.2 or 7421)
☑ Silver (EPA 7761)

Other: 8021 Halides

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/7/11	1020	7.7	7.67	777u		Clear

COMMENTS:

002445

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW206S **Date:** 6/2/14 **Personnel:** CJ KR

PURGING:

Reference Depth To Bottom (DTBr) 17.18 ft.	**Start:** 12:20	**Stop:** 1225	
Measured Depth to Bottom (DTBm) 17.22 ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW): 5.71 ft.	**Well Yields:** ☑ *Yes* ☐ *No*		
Target Volume: 1262 gal.	**Water Contained:** ☐ *Yes* ☑ *No*		
Actual Volume: 1300 gal.	**DTW After Purge:** 6.45 ft.		

PID: ***Background:*** ***Purging:*** ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K020606110602G

Sample Time: Start: 1230 Stop: 1238

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 6/2/14 **QA/QC Review:** CES **Date:** 8/31/14

IBM
Kingston, New York

Analysis Request Form

Well Number: 206S **Date:** 6/2/14

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☑ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☑ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☑ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☑ Silver (EPA 7761)

Other: 8021B Hall Free
Total Phenols

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
6/2/14	1237	11.9	7.28	707m		Ham

COMMENTS:

002518

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW206S Date: 9/14/11 Personnel: JAR S

PURGING:

Reference Depth To Bottom (DTBr)	17.18	ft.	**Start:** 1145	**Stop:** 1152	
Measured Depth to Bottom (DTBm)	17.20	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	4.77	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	13.66	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	14.00	gal.	**DTW After Purge:**	5.35	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ.
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K|0|2|0|6|S|1|0|9|1|4|G

Sample Time: Start: 1155 Stop: 1203

Duplicate ID: ~~K|0|2|0|6|S|1|0|9|1|4|D~~ S

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 9/14/11 QA/QC Review: _____ Date: _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 206S Date: 9/14/11

LABORATORY:

☑ IBM - East Fishkill
☐ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☑ Phenols (total) (EPA 420.1)	☑ Arsenic (EPA 206.2 or 7060A)
☑ Metals are Filtered	☑ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☑ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 B Hall Fm

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/14/11	1202	12.1	7.31	721		Clear

COMMENTS:

VOC	Met	Ph
3	1	1
+6		+2
9	1	3

002543

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW2085 Date: 2/7/11 Personnel: CJW

PURGING:

Reference Depth To Bottom (DTBr)	19.18 ft.	**Start:** 947	**Stop:** 953
Measured Depth to Bottom (DTBm)	19.05 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	8.36 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	11.91 gal.	**Water Contained:** ☐ *Yes* ☑ *No*	
Actual Volume:	12.0 gal.	**DTW After Purge:**	15.18 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K|0|2|0|8|5|1|0|2|0|7|G

Sample Time: Start: 957 Stop: 1004

Duplicate ID: K|0|2|0|8|5|1|0|2|0|7|D CT

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 2/7/11 QA/QC Review: CES Date: 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 2085 Date: 2/7/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☑ Phenols (total) (EPA 420.1)
☑ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☑ Arsenic (EPA 206.2 or 7060A)
☑ Cadmium (EPA 7131)
☑ Lead (EPA 239.2 or 7421)
☑ Silver (EPA 7761)

Other: 8021 Brtail Frac

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/7/11	1003	6.0	7.10	522u		Clear

COMMENTS:

002444

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW208S Date: 6/3/11 Personnel: S

PURGING:

Reference Depth To Bottom (DTBr)	19.18 ft.	**Start:** 1015	**Stop:** 10:21
Measured Depth to Bottom (DTBm)	18.98 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	6.43 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	14.03 gal.	**Water Contained:** ☐ *Yes* ☑ *No*	
Actual Volume:	15.00 gal.	**DTW After Purge:**	13.52 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DED EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0208S160603G

Sample Time: Start: 1030 Stop: 1039

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 6/3/11 **QA/QC Review:** CES **Date:** 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 208S Date: 6/3/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☑ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☑ Arsenic (EPA 206.2 or 7060A)
☑ Cadmium (EPA 7131)
☑ Lead (EPA 239.2 or 7421)
☑ Silver (EPA 7761)

Other: 8021 B Hall Freon
Total Phenols

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
6/3/11	1038	12.1	6.91	3671		Hazy

COMMENTS:

002523

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW208 **Date:** 9 / 14 / 11 **Personnel:** JAR

PURGING:

Reference Depth To Bottom (DTBr)	19.18 ft.	**Start:** 905	**Stop:** 912
Measured Depth to Bottom (DTBm)	19.01 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	5.43 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	15.13 gal.	**Water Contained:** ☐ *Yes* ☑ *No*	
Actual Volume:	16.00 gal.	**DTW After Purge:**	12.88 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 2 0 8 S 1 0 9 1 4 G

Sample Time: Start: 925 Stop: 935

Duplicate ID: K 0 2 0 8 S 1 0 9 1 4 D

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/14/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 208S **Date:** 9 / 14 / 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☑ Phenols (total) (EPA 420.1)
- ☑ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☑ Arsenic (EPA 206.2 or 7060A)
- ☑ Cadmium (EPA 7131)
- ☑ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 BTEX Freon

8010, Fr113/123a 524.2

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/14/11	934	12.0	6.95	3670		Clear

COMMENTS:

002538

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW210S Date: 2/7/11 Personnel: CJW

PURGING:

Reference Depth To Bottom (DTBr)	17.09	ft.	Start:	9:16	Stop: 927
Measured Depth to Bottom (DTBm)	17.05	ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW):	9.60	ft.	Well Yields:	☑ Yes	☐ No
Target Volume:	8.24	gal.	Water Contained:	☐ Yes	☑ No
Actual Volume:	9.00	gal.	DTW After Purge:	16.4	ft.

PID: | Background: | Purging: | ☐ Not Applicable

Purge Method	Rate	Equipment ID
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K C 2 1 0 S 1 0 2 0 7 0

Sample Time: Start: 930 Stop: 940

Duplicate ID: N A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 2/7/11 QA/QC Review: CES Date: 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 210S Date: 2/7/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☑ Phenols (total) (EPA 420.1)
☑ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☑ Arsenic (EPA 206.2 or 7060A)
☑ Cadmium (EPA 7131)
☑ Lead (EPA 239.2 or 7421)
☑ Silver (EPA 7761)

Other: 8021 B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/7/11	939	7.4	7.16	894		clear

COMMENTS:

002443

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW210S Date: 6/2/11 Personnel: CJ LeD

PURGING:

Reference Depth To Bottom (DTBr)	17.09 ft.	**Start:** 943	**Stop:** 1000
Measured Depth to Bottom (DTBm)	17.02 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	7.96 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	10.05 gal.	**Water Contained:** ☐ *Yes* ☑ *No*	
Actual Volume:	11.00 gal.	**DTW After Purge:**	15.92 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 2 1 0 S 1 0 6 0 2 G

Sample Time: Start: 1007 Stop: 1013

Duplicate ID: K 0 2 1 0 S 1 0 6 0 2 D

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ LeD Date: 6/2/11 QA/QC Review: CES Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 210S Date: 6/2/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☑ Arsenic (EPA 206.2 or 7060A)
☑ Cadmium (EPA 7131)
☑ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021B Hall Freon
Phenols

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
6/2/11	1012	11.3	1.89	8918		Haze

COMMENTS:

5 ✓
10 ✓
11 ✓

002513

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW210S Date: 9/14/11 Personnel: JAR CJ

PURGING:

Reference Depth To Bottom (DTBr)	17.09 ft.	**Start:** 945	**Stop:** 1000
Measured Depth to Bottom (DTBm)	17.06 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	7.09 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	11.01 gal.	**Water Contained:** ☐ *Yes* ☑ *No*	
Actual Volume:	11.50 gal.	**DTW After Purge:**	15.76 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K|0|2|1|0|S|1|0|9|1|4|G

Sample Time: Start: 1005 Stop: 1011

Duplicate ID: ~~NA~~

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 9/14/11 QA/QC Review: _____ Date: _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 210S Date: 9/14/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☑ Phenols (total) (EPA 420.1)
☑ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☑ Arsenic (EPA 206.2 or 7060A)
☑ Cadmium (EPA 7131)
☑ Lead (EPA 239.2 or 7421)
☑ Silver (EPA 7761)

Other: 8021B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/14/11	1010	11.5	7.02	907 µm		clear

COMMENTS:

002539

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW250M Date: 5/26/11 Personnel: CJG

PURGING:

Reference Depth To Bottom (DTBr)	15.66	ft.	**Start:** 1318	**Stop:** 1322	
Measured Depth to Bottom (DTBm)	15.76	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	3.95	ft.	**Well Yields:** ☑ *Yes* ☐ *No*		
Target Volume:	5.72	gal.	**Water Contained:** ☐ *Yes* ☑ *No*		
Actual Volume:	6.00	gal.	**DTW After Purge:**	4.31	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K@250M1052611

Sample Time: Start: 1325 Stop: 1329

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJG Date: 5/26/11 QA/QC Review: CES Date: 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 250M Date: 5/26/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 Halos

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1328	13.9	6.75	598 uS		Hon

COMMENTS:

002469

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW26IS Date: 5, 31, 11 Personnel: SWR

PURGING:

Reference Depth To Bottom (DTBr)	**ft.**	**Start:**	**Stop:**
Measured Depth to Bottom (DTBm)	**ft.**	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	**ft.**	**Well Yields:**	☐ *Yes* ☐ *No*
Target Volume:	**gal.**	**Water Contained:**	☐ *Yes* ☐ *No*
Actual Volume:	**gal.**	**DTW After Purge:**	**ft.**

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☐ Bailer		
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID:

Sample Time: Start: _____ Stop: _____

Duplicate ID:

Sampling Method: ☐ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ Date: 5/31/11 QA/QC Review: CES Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: _____ Date: / /

LABORATORY:

☐ IBM - East Fishkill
☐ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: _____

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes

COMMENTS:

Will not do due to Condition of interior of bldg

S

002507

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW2675 **Date:** 5, 31, 11 **Personnel:** C Ken

PURGING:

Reference Depth To Bottom (DTBr)	**ft.**	**Start:**	**Stop:**
Measured Depth to Bottom (DTBm)	**ft.**	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	**ft.**	**Well Yields:**	☐ *Yes* ☐ *No*
Target Volume:	**gal.**	**Water Contained:**	☐ *Yes* ☐ *No*
Actual Volume:	**gal.**	**DTW After Purge:**	**ft.**

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☐ Bailer		
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID:

Sample Time: Start: _____ Stop: _____

Duplicate ID:

Sampling Method:
☐ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 5/31/11 **QA/QC Review:** CES **Date:** 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: _____ **Date:** ___/___/___

LABORATORY:

☐ IBM - East Fishkill
☐ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: _____

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes

COMMENTS:

Will not do due to interior condition of bldg

002508

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 269S Date: 5/27/11 Personnel: CJL

PURGING:

Reference Depth To Bottom (DTBr)	28.40	ft.	**Start:** 1210	**Stop:** 1220	
Measured Depth to Bottom (DTBm)	28.67	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	9.51	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	9.23	gal.	**Water Contained:**	☑ *Yes*	☐ *No*
Actual Volume:	9.50	gal.	**DTW After Purge:**	10.82	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0269S10527G

Sample Time: Start: 1225 Stop: 1229

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJL 5/27/11 **Date:** **QA/QC Review:** CES **Date:** 6/3/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 269S **Date:** 5/27/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Aromatics/Halogenated

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes

COMMENTS:

002487

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 270S Date: 5/27/11 Personnel: CJL

PURGING:

Reference Depth To Bottom (DTBr)	29.16	ft.	Start: 1140	Stop: 1153	
Measured Depth to Bottom (DTBm)	29.85	ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW):	11.11	ft.	Well Yields:	☑ Yes	☐ No
Target Volume:	8.82	gal.	Water Contained:	☐ Yes	☐ No
Actual Volume:	9.00	gal.	DTW After Purge:	12.92	ft.

PID: Background: Purging: ☑ Not Applicable

Purge Method	Rate	Equipment ID
☑ Bailer		Dea EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K027081052716

Sample Time: Start: 1200 Stop: 1204

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/27/11 QA/QC Review: CES Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 270S Date: 5/27/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Arom/Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes

COMMENTS:

002488

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW274S Date: 5/26/11 Personnel: CJ

PURGING:

Reference Depth To Bottom (DTBr) 22.74 ft.	**Start:** 1155	**Stop:** 1202	
Measured Depth to Bottom (DTBm) 22.64 ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW): 5.73 ft.	**Well Yields:** ☒ *Yes* ☐ *No*		
Target Volume: 8.50 gal.	**Water Contained:** ☐ *Yes* ☐ *No*		
Actual Volume: 9.00 gal.	**DTW After Purge:** 5.82 ft.		

PID: | ***Background:*** | ***Purging:*** | ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K Q 2 7 4 S 1 Q 5 2 6 G

Sample Time: Start: 1205 Stop: 1211

Duplicate ID: K Q 2 7 4 S 1 Q 5 2 6 D

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ Date: 5/26/11 QA/QC Review: CES Date: 6/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 274S Date: 5/26/11

LABORATORY:

☐ IBM - East Fishkill
☒ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1210	14.6	6.63	378.6		Cloudy

COMMENTS:

002465

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW277S Date: 5 / 27 / 11 Personnel: S KD

PURGING:

Reference Depth To Bottom (DTBr) 23.37 ft.		Start: 851	Stop: 856
Measured Depth to Bottom (DTBm) 23.50 ft.		*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW): 8.58 ft.		Well Yields: ☑ Yes ☐ No	
Target Volume: 7.23 gal.		Water Contained: ☐ Yes ☑ No	
Actual Volume: 7.50 gal.		DTW After Purge: 8.71 ft.	

PID: | *Background:* | *Purging:* | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0277S105276

Sample Time: Start: 900 Stop: 905

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/27/11 QA/QC Review: CES Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 277S Date: 5 / 27 / 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 Halo

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/27/11	904	12.6	7.54	598		Halo

COMMENTS:

002478

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 278S Date: 5/25/11 Personnel: SG KP

PURGING:

Reference Depth To Bottom (DTBr)	19.83 ft.	**Start:** 1321	**Stop:** 1328
Measured Depth to Bottom (DTBm)	19.77 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	10.90 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	4.36 gal.	**Water Contained:** ☑ *Yes* ☐ *No*	
Actual Volume:	5.00 gal.	**DTW After Purge:**	10.95 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 2 7 8 S 1 0 5 2 5 G

Sample Time: Start: 1330 Stop: 1336

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/25/11 QA/QC Review: CES Date: 5/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 278S Date: 5/25/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halo 4

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/25/11	1335	13.10	7.15	7Uns		Clear

COMMENTS:

002455

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW279S Date: 5/27/14 Personnel: KW CJ

PURGING:

Reference Depth To Bottom (DTBr) 21.63 ft.	**Start:** 9:10	**Stop:** 915	
Measured Depth to Bottom (DTBm) 20.40 ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW): 9.15 ft.	**Well Yields:** ☑ Yes ☐ No		
Target Volume: 6.10 gal.	**Water Contained:** ☐ Yes ☐ No		
Actual Volume: 6.50 gal.	**DTW After Purge:** 9.28 ft.		

HARD BOTTOM

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0279S105276

Sample Time: Start: 920 Stop: 925

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ **Date:** 5/27/14 **QA/QC Review:** CES **Date:** 8/31/14

IBM
Kingston, New York

Analysis Request Form

Well Number: 279S **Date:** 5/27/14

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 Hg109

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/27/14	924	13.6	7.13	1862		Hazy

COMMENTS:

0024479

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW282S **Date:** 5/25/11 **Personnel:** S

PURGING:

Reference Depth To Bottom (DTBr)	18.64 ft.	**Start:** 1008	**Stop:** 1014
Measured Depth to Bottom (DTBm)	18.21 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	6.00 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	6.18 gal.	**Water Contained:** ☑ *Yes* ☐ *No*	
Actual Volume:	6.56 gal.	**DTW After Purge:**	8.46 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	***Rate***	***Equipment ID***
☑ Bailer		
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 2 8 2 S 1 0 5 2 5 G

Sample Time: Start: 1020 Stop: 1025

Duplicate ID: K 0 2 8 2 S 1 0 5 2 5 D

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: CL **Date:** 5/25/11 **QA/QC Review:** CES **Date:** 6/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: MW282S **Date:** 5/25/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 Halos

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/25/11	1024	13.4	6.33	614		Hazy

COMMENTS:

002447

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW284S Date: 2,3,11 Personnel: gjm

PURGING:

Reference Depth To Bottom (DTBr) 20.32 ft.	**Start:** 1617	**Stop:** 1625	
Measured Depth to Bottom (DTBm) 20.49 ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW): 8.30 ft.	**Well Yields:** ☒ Yes	☐ No	
Target Volume: 5.87 gal.	**Water Contained:** ☐ Yes	☒ No	
Actual Volume: 6.00 gal.	**DTW After Purge:**	9.60 ft.	

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		Ded PG
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K@284S102@3G

Sample Time: Start: 16:30 Stop: 16:37

Duplicate ID: K@284S102@3D

Sampling Method:
☒ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 2/3/11 QA/QC Review: CES Date: 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 284S Date: 2/3/11

LABORATORY:

☐ IBM - East Fishkill
☒ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 B Hall For

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/3/11	1634	10.1	7.44	5414		Clear

COMMENTS:

002428

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 2845 Date: 5/25/11 Personnel: S lw

PURGING:

Reference Depth To Bottom (DTBr) 20.32 ft.	**Start:** 1147	**Stop:** 1155	
Measured Depth to Bottom (DTBm) 20.48 ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW): 7.32 ft.	**Well Yields:** ☑ *Yes* ☐ *No*		
Target Volume: 6.35 gal.	**Water Contained:** ☐ *Yes* ☑ *No*		
Actual Volume: 6.50 gal.	**DTW After Purge:** 19.00 ft.		

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 2 8 4 5 1 0 5 2 5 G

Sample Time: Start: 1200 Stop: 1204

Duplicate ID: N/A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 5/24/11 **QA/QC Review:** CES **Date:** 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 2845 Date: 5/25/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/25/11	1203	13.8	6.76	1017		Hazy

COMMENTS:

Gal
4
6.5 ✓

002451

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW284S Date: 9,14,11 Personnel: JARS

PURGING:

Reference Depth To Bottom (DTBr) 20.32 ft.	**Start:** 1255	**Stop:** 1306	
Measured Depth to Bottom (DTBm) 20.47 ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW): 7.57 ft.	**Well Yields:** ☑ Yes ☐ No		
Target Volume: 6.27 gal.	**Water Contained:** ☐ Yes ☒ No		
Actual Volume: 6.50 gal.	**DTW After Purge:** 12.74 ft.		

PID: | ***Background:*** | ***Purging:*** | ☐ ~~Not Applicable~~

Purge Method	*Rate*	*Equipment ID*
☐ ~~Bailer~~		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0284S10914G

Sample Time: Start: 1310 Stop: 1315

Duplicate ID: NA

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] 9/14/11 Date: _____ QA/QC Review: _____ Date: _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 2843 Date: 9/14/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021B Halocarbons

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/14/11	1314	14.3	6.81	1022		Hcon

COMMENTS:

002545

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW285S Date: 5 /31 / 11 Personnel: CJ lur

PURGING:

Reference Depth To Bottom (DTBr)	24.57	ft.	**Start:** 10:14	**Stop:** 1022	
Measured Depth to Bottom (DTBm)	24.40	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	8.95	ft.	**Well Yields:** ☒ *Yes* ☐ *No*		
Target Volume:	7.63	gal.	**Water Contained:** ☒ *Yes* ☐ *No*		
Actual Volume:	8.00	gal.	**DTW After Purge:**	8.95	ft.

PID: | ***Background:*** | ***Purging:*** | ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 2 8 5 S 1 0 5 3 1 G

Sample Time: Start: 1025 Stop: 1032

Duplicate ID: N A

Sampling Method:
☒ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 5/31/11 **QA/QC Review:** CES **Date:** 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 285S **Date:** 5 /31 / 11

LABORATORY:

☐ IBM - East Fishkill
☒ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021B Hall Freon
PCBs

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/11	1031	12.4	7.14	3113		Clear

COMMENTS:

002491

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW288S Date: 5 / 27 / 11 Personnel: CJ KWS

PURGING:

Reference Depth To Bottom (DTBr)	29.91	ft.	Start: 1027	Stop:	10:32
Measured Depth to Bottom (DTBm)	29.67	ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW):	8.71	ft.	Well Yields:	☑ Yes	☐ No
Target Volume:	10.36	gal.	Water Contained:	☐ Yes	☑ No
Actual Volume:	10.50	gal.	DTW After Purge:	8.82	ft.

PID: | Background: | Purging: | ☑ Not Applicable

Purge Method	Rate	Equipment ID
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0288S1052 7G

Sample Time: Start: 1035 Stop: 1040

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/27/11 QA/QC Review: CES Date: 6/3/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 288S Date: 5 / 27 / 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/27/11	1039	12.9	7.15	2757		Hazy

COMMENTS:

002484

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW297S Date: 5 / 27 / 11 Personnel: CJ la

PURGING:

Reference Depth To Bottom (DTBr)	27.76	ft.	**Start:** 1012	**Stop:** 1017	
Measured Depth to Bottom (DTBm)	27.45	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	9.00	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	9.17	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	10.01	gal.	**DTW After Purge:**	9.21	ft.

PID: *Background:* | *Purging:* ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0297S1052716

Sample Time: Start: 10:20 Stop: 1024

Duplicate ID: NA

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 5/27/11 **QA/QC Review:** CES **Date:** 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 297S **Date:** 5 / 27 / 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/27/11	1023	12.1	7.15	533		Cloudy

COMMENTS:

002483

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW402S **Date:** 6/2/11 **Personnel:** CJ Lee

PURGING: 17.78 S

Reference Depth To Bottom (DTBr) 25.82 ft.		**Start:** 10:20	**Stop:** 1025
Measured Depth to Bottom (DTBm) 18.04 ft.		*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW): 13.52 ft.		**Well Yields:** ☑ Yes ☐ No	
Target Volume: 4.69 gal.		**Water Contained:** ☐ Yes ☑ No	
Actual Volume: 5.00 gal.		**DTW After Purge:** 13.80 ft.	

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 4 0 2 S 1 0 6 0 2 G

Sample Time: Start: 10:30 Stop: 1035

Duplicate ID: ~~[illegible]~~ N/A

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 6/2/11 **QA/QC Review:** CES **Date:** 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 402S **Date:** 6/2/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
6/2/11	1034	11.3	7.21	1750		Cloudy

COMMENTS:

002514

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW403S Date: 2/4/11 Personnel: CJ KW

PURGING:

Reference Depth To Bottom (DTBr)	ft.	**Start:**	**Stop:**
Measured Depth to Bottom (DTBm)	ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	ft.	**Well Yields:**	☐ *Yes* ☐ *No*
Target Volume:	gal.	**Water Contained:**	☐ *Yes* ☐ *No*
Actual Volume:	gal.	**DTW After Purge:**	ft.

PID: ***Background:*** ***Purging:*** ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☐ Bailer		
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID:

Sample Time: Start: _____ Stop: _____

Duplicate ID:

Sampling Method: ☐ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 2/4/11 **QA/QC Review:** CES **Date:** 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: _____ **Date:** ___/___/___

LABORATORY:

☐ IBM - East Fishkill
☐ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: _____

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes

COMMENTS:

Well is dry - Was checked w/ MScope + Bailer

S

002436

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW403S Date: 5, 31, 11 Personnel: cj kd

PURGING:

Reference Depth To Bottom (DTBr)	ft.	Start:	Stop:
Measured Depth to Bottom (DTBm)	ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	ft.	Well Yields:	☐ Yes ☐ No
Target Volume:	gal.	Water Contained:	☐ Yes ☐ No
Actual Volume:	gal.	DTW After Purge:	ft.

PID: Background: | Purging: ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☐ Bailer		
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID:

Sample Time: Start: _____ Stop: _____

Duplicate ID:

Sampling Method: ☐ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ Date: 5/31/11 QA/QC Review: CES Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: _____ Date: / /

LABORATORY:

☐ IBM - East Fishkill
☐ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: _____

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes

COMMENTS:

Well is dry - Bailer + MScope

Checked

002500

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW403S Date: 9/15/11 Personnel: JAR CQ

PURGING:

Reference Depth To Bottom (DTBr)	15.79 ft.	**Start:** 8:30	**Stop:** 836
Measured Depth to Bottom (DTBm)	15.91 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	11.88 ft.	**Well Yields:** ☒ *Yes* ☐ *No*	
Target Volume:	4.30 gal.	**Water Contained:** ☐ *Yes* ☒ *No*	
Actual Volume:	4.50 gal.	**DTW After Purge:**	12.37 ft.

PID: | ***Background:*** | ***Purging:*** | ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 4 0 3 S 1 0 9 1 5 G

Sample Time: Start: 840 Stop: 844

Duplicate ID: WA

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/15/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 403S **Date:** 9/15/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☒ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021B Halo Fm

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/15/11	843	15.8	7.21	897u		Clear

COMMENTS:

002547

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW406S **Date:** 5/31/11 **Personnel:** KW3S

PURGING:

Reference Depth To Bottom (DTBr)	190	ft.	**Start:** 1036	**Stop:** 1043	
Measured Depth to Bottom (DTBm)	188	ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW):	6.70	ft.	**Well Yields:**	☑ Yes	☐ No
Target Volume:	1355	gal.	**Water Contained:**	☐ Yes	☑ No
Actual Volume:	14.00	gal.	**DTW After Purge:**	7.30	ft.

PID: ***Background:*** ☐ ***Purging:*** ☐ ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: GW406S110531G

Sample Time: Start: 1045 Stop: 1049

Duplicate ID: NA

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 5/31/11 **QA/QC Review:** CES **Date:** 6/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 406S **Date:** 5/31/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021B Hall Frr

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/11	1048	11.6	7.25	3035		Hazy

COMMENTS:

002492

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW407S **Date:** 5,27,11 **Personnel:** CJS KWB

PURGING:

Reference Depth To Bottom (DTBr)	17.93 ft.	**Start:** 958	**Stop:** 1003
Measured Depth to Bottom (DTBm)	17.97 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	6.02 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	13.11 gal.	**Water Contained:** ☐ *Yes* ☑ *No*	
Actual Volume:	14.00 gal.	**DTW After Purge:** 6.30 ft.	

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K|0|4|0|7|S|1|0|5|2|7|G

Sample Time: Start: 1005 Stop: 1009

Duplicate ID: N|A

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 5/27/11 **QA/QC Review:** CES **Date:** 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 407S **Date:** 5,27,11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 Halo

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/27/11	1008	13.2	7.41	1239		Hazy

COMMENTS:

002482

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW5045 **Date:** 2/3/11 **Personnel:** CJ KW

PURGING:

Reference Depth To Bottom (DTBr)	14.33	ft.	**Start:** 1551	**Stop:** 1600	
Measured Depth to Bottom (DTBm)	1440	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	6.11	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	9.05	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	9.50	gal.	**DTW After Purge:**	10.30	ft.

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	***Rate***	***Equipment ID***
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K | 0 | 5 | 0 | 4 | S | 1 | 0 | 2 | 0 | 3 | G

Sample Time: Start: 1603 Stop: 1608

Duplicate ID: N

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 2/3/11 **QA/QC Review:** CES **Date:** 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 5045 **Date:** 2/3/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021B Hall Frzn

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/3/11	1607	9.0	7.13	1478		Hazy

COMMENTS:

0024427

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW504S Date: 5/31/11 Personnel: CJL

PURGING:

Reference Depth To Bottom (DTBr)	14.33 ft.	**Start:** 1412	**Stop:** 1418
Measured Depth to Bottom (DTBm)	14.40 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	3.20 ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume:	12.25 gal.	**Water Contained:** ☐ Yes ☑ No	
Actual Volume:	12.50 gal.	**DTW After Purge:**	9.40 ft.

PID: | ***Background:*** | ***Purging:*** | ☐ ~~Not Applicable~~

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0504S105311G

Sample Time: Start: 1421 Stop: 1425

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 5/31/11 **QA/QC Review:** CES **Date:** 6/3/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 504S **Date:** 5/31/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021B Hall Fm

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/11	1424	13.7	7.02	1090		Clear

COMMENTS:

002509

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW504S Date: 9/13/11 Personnel: JAR G

PURGING:

Reference Depth To Bottom (DTBr)	14.33	ft.	**Start:** 1320	**Stop:** 1330	
Measured Depth to Bottom (DTBm)	14.40	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	2.89	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	12.59	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	13.00	gal.	**DTW After Purge:**	9.24	ft.

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEO
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0504S1091 3G

Sample Time: Start: 1338 Stop: 1339

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/13/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 504S **Date:** 9/13/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/13/11	1338	13.7	7.17	719		Hazy

COMMENTS:

002531

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW505S **Date:** 5/27/11 **Personnel:** CJL

PURGING:

Reference Depth To Bottom (DTBr)	13.41	ft.	**Start:** 11:00	**Stop:** 11:22	
Measured Depth to Bottom (DTBm)	13.48	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	6.42	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	7.69	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	8.00	gal.	**DTW After Purge:**	12.35	ft.

PID: ***Background:*** ***Purging:*** ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0505S105271G

Sample Time: Start: 11:25 Stop: 1132

Duplicate ID: K0505S105271D

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJL **Date:** 5/27/11 **QA/QC Review:** CES **Date:** 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 505S **Date:** 5/27/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/27/11	1131	11.6	7.24	3526		Clear

COMMENTS:

002486

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW506S Date: 5/27/11 Personnel: WB G

PURGING:

Reference Depth To Bottom (DTBr) 28.57 ft.	**Start:** 1042	**Stop:** 1047	
Measured Depth to Bottom (DTBm) 28.29 ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW): 8.22 ft.	**Well Yields:** ☑ *Yes* ☐ *No*		
Target Volume: 9.95 gal.	**Water Contained:** ☐ *Yes* ☑ *No*		
Actual Volume: 10.00 gal.	**DTW After Purge:** 8.22 ft.		

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Dea EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0506S105276

Sample Time: Start: 1050 Stop: 1054

Duplicate ID: NA

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/27/11 QA/QC Review: CES Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 506S Date: 5/27/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/27/11	1053	12.9	6.49	300.1		Clear

COMMENTS:

002485

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW507S Date: 5/31/11 Personnel: CJ KW

PURGING:

Reference Depth To Bottom (DTBr)	ft.	Start:	Stop:
Measured Depth to Bottom (DTBm)	ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	ft.	Well Yields: ☐ Yes ☐ No	
Target Volume:	gal.	Water Contained: ☐ Yes ☐ No	
Actual Volume:	gal.	DTW After Purge:	ft.

PID: | *Background:* | *Purging:* | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☐ Bailer		
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID:

Sample Time: Start: _____ Stop: _____

Duplicate ID:

Sampling Method: ☐ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ Date: 5/31/11 QA/QC Review: CES Date: 6/3/11

IBM
Kingston, New York

Analysis Request Form

Well Number: _____ Date: / /

LABORATORY:

- ☐ IBM - East Fishkill
- ☐ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: _____

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes

COMMENTS:

Not able to sample due to buildings demolished + asbestos sign

J

002503

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW508SA **Date:** 2 / 4 / 11 **Personnel:** S

PURGING:

Reference Depth To Bottom (DTBr)	133 ft.	**Start:** 1021	**Stop:** 1026
Measured Depth to Bottom (DTBm)	134.8 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	9.13 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	20.3 gal.	**Water Contained:** ☐ *Yes* ☑ *No*	
Actual Volume:	25.0 gal.	**DTW After Purge:**	12-84 ft.

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K5085A102004G

Sample Time: Start: 1030 Stop: 1034

Duplicate ID: K5085A102004D

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 2/4/11 **QA/QC Review:** CES **Date:** 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 508SA **Date:** 2, 4, 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 B Halo Fm

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/4/11	1033	6.2	7.57	652		Hazy

COMMENTS:

002433

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW508SA Date: 5 / 31 / 11 Personnel: CJL

PURGING:

Reference Depth To Bottom (DTBr)	13.30	ft.	**Start:** 1203	**Stop:** 1208	
Measured Depth to Bottom (DTBm)	13.57	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	7.77	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	2.70	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	3.00	gal.	**DTW After Purge:**	12.68	ft.

PID: ***Background:*** ***Purging:*** ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K508SA105311G

Sample Time: Start: 1210 Stop: 1214

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJL **Date:** 5/31/11 **QA/QC Review:** CES **Date:** 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 508SA **Date:** 5 / 31 / 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/11	1213	14.1	7.05	7048		H924

COMMENTS:

002497

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW508SA Date: 9/14/11 Personnel: JAR CJ

PURGING:

Reference Depth To Bottom (DTBr)	13.30	ft.	**Start:** 828	**Stop:** 834	
Measured Depth to Bottom (DTBm)	13.54	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	5.50	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	3.81	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	4.00	gal.	**DTW After Purge:**	8.49	ft.

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Dca EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 5 0 8 S A 1 0 9 1 4 G

Sample Time: Start: 840 Stop: 850

Duplicate ID: K 5 0 8 S A 1 0 9 1 4 D

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ 9/14/11 Date: _____ QA/QC Review: _____ Date: _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 508SA Date: 9/14/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 BHall Freon

8010 Fr113/123a 524.2

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/14/11	849	14.3	7.11	708u		clear

COMMENTS:

002537

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW601S Date: 5/27/11 Personnel: KwB Q

PURGING:

Reference Depth To Bottom (DTBr)	20.78 S ~~21.06~~	ft.	Start:	836	Stop: 843
Measured Depth to Bottom (DTBm)	21.06	ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW):	5.94	ft.	Well Yields:	☑ Yes	☐ No
Target Volume:	16.33	gal.	Water Contained:	☐ Yes	☑ No
Actual Volume:	6.56	gal.	DTW After Purge:	6.01	ft.

PID: | *Background:* | *Purging:* | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☐ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K|G|6|0|1|S|1|0|5|2|7|G

Sample Time: Start: 845 Stop: 849

Duplicate ID: ~~|~~|~~|~~|N|A|~~|~~|~~|~~|~~|

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/27/11 QA/QC Review: CES Date: 6/3/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 601S Date: 5/27/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/27/11	848	12.9	7.83	318.8		Hazy

COMMENTS:

002477

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW602S Date: 5/26/11 Personnel: cjw

PURGING:

Reference Depth To Bottom (DTBr)	25.07 ft.	**Start:** 10:12	**Stop:** 1018
Measured Depth to Bottom (DTBm)	24.82 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	8.37 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	18.38 gal.	**Water Contained:** ☑ *Yes* ☐ *No*	
Actual Volume:	19.00 gal.	**DTW After Purge:**	8.82 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 6 0 2 S 1 0 5 2 6 G

Sample Time: Start: 1020 Stop: 1026

Duplicate ID: N A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 5/26/11 QA/QC Review: CES Date: 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 602S Date: 5/26/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1025	14.8	6.45	851		Cloudy

COMMENTS:

Gall
5
10
15
19J

002461

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW603S **Date:** 5/25/11 **Personnel:** S

PURGING:

Reference Depth To Bottom (DTBr)	16.78	ft.	**Start:** 1109	**Stop:** 1113	
Measured Depth to Bottom (DTBm)	16.27	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	3.80	ft.	**Well Yields:**	☒ *Yes*	☐ *No*
Target Volume:	14.29	gal.	**Water Contained:**	☐ *Yes*	☐ *No*
Actual Volume:	14.50	gal.	**DTW After Purge:**	5.07	ft.

PID: ***Background:*** ***Purging:*** ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 6 0 3 S 1 0 5 2 5 G

Sample Time: Start: 11:15 Stop: 11:20

Duplicate ID: N A

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 5/25/11 **QA/QC Review:** CES **Date:** 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 603S **Date:** 5/25/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☒ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/25/11	11:19	14.6	6.88	1284		Cloudy

COMMENTS:

Gall
5
10
14.5 ✓

002450

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW604S **Date:** 2 / 3 / 11 **Personnel:** CJ MM

PURGING:

Reference Depth To Bottom (DTBr)	17.04	ft.	**Start:**	11:22	**Stop:** 11:27
Measured Depth to Bottom (DTBm)	16.90	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	8.35	ft.	**Well Yields:**	☑ Yes	☐ No
Target Volume:	9.52	gal.	**Water Contained:**	☐ Yes	☐ No
Actual Volume:	10.00	gal.	**DTW After Purge:**	8.52	ft.

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Dedi EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0604S102033

Sample Time: Start: 1130 Stop: 1137

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ **Date:** 2/3/11 **QA/QC Review:** CES **Date:** 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 604S **Date:** 2 13 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☐ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Bromide

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/3/11	1136	11.9	7.20	2213		Clear

COMMENTS:

002415

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW604S **Date:** 5 / 25 / 11 **Personnel:** WB cj

PURGING:

Reference Depth To Bottom (DTBr) 17.04 ft.	**Start:** 1054	**Stop:** 1059	
Measured Depth to Bottom (DTBm) 16.90 ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW): 5.92 ft.	**Well Yields:** ☑ Yes ☐ No		
Target Volume: 12.24 gal.	**Water Contained:** ☑ Yes ☐ No		
Actual Volume: 12.50 gal.	**DTW After Purge:** 6.32 ft.		

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K G 6 0 4 S 1 0 5 2 5 G

Sample Time: Start: 1102 Stop: 1106

Duplicate ID: N A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 5/25/11 **QA/QC Review:** CES **Date:** 5/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 604S **Date:** 5 / 25 / 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/25/11	1105	13.6	6.97	2237		Clear

COMMENTS:

002449

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 604 S **Date:** 9/15/11 **Personnel:** JAR 9

PURGING:

Reference Depth To Bottom (DTBr) 17.04 ft.	**Start:** 955	**Stop:** 1000	
Measured Depth to Bottom (DTBm) 16.94 ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW): 5.59 ft.	**Well Yields:** ☑ Yes ☐ No		
Target Volume: 12.60 gal.	**Water Contained:** ☐ Yes ☑ No		
Actual Volume: 13.00 gal.	**DTW After Purge:** 5.74 ft.		

PID: ***Background:*** ***Purging:*** ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0604S109150

Sample Time: Start: 1002 Stop: 1007

Duplicate ID: NA

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/15/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 604 S **Date:** 9/15/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Btall Fou

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/15/11	1004	13.8	7.02	2371		clear

COMMENTS:

002551

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW605S Date: 5/25/11 Personnel: CJW

PURGING:

Reference Depth To Bottom (DTBr)	10.53 ft.	**Start:** 1039	**Stop:** 1042
Measured Depth to Bottom (DTBm)	10.42 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	7.25 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	3.61 gal.	**Water Contained:** ☑ *Yes* ☐ *No*	
Actual Volume:	4.06 gal.	**DTW After Purge:**	8.16 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0605S10525G

Sample Time: Start: 1047 Stop: 1057

Duplicate ID: DUP

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 5/25/11 **QA/QC Review:** CES **Date:** 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 605S Date: 5/25/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/25/11	1050	14.7	6.95	134.0		Cloudy

COMMENTS:

002448

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW609S **Date:** 2 / 3 / 11 **Personnel:** CJ LW

PURGING:

Reference Depth To Bottom (DTBr) 15.15 ft.	**Start:** 1440	**Stop:** 1445	
Measured Depth to Bottom (DTBm) 15.70 ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW): 9.70 ft.	**Well Yields:** ☑ *Yes* ☐ *No*		
Target Volume: 6.00 gal.	**Water Contained:** ☐ *Yes* ☑ *No*		
Actual Volume: 7.00 gal.	**DTW After Purge:** 11.60 ft.		

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K@6@9S1@2@3G

Sample Time: Start: 1449 Stop: 1454

Duplicate ID: K@6@9S1@2@3D

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ **Date:** 2/3/11 **QA/QC Review:** CES **Date:** 3/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 609S **Date:** 2 / 3 / 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/3/11	1453	12.6	7.12	377.6		

COMMENTS:

002423

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW6095 **Date:** 5/26/11 **Personnel:** CJ KWD

PURGING:

Reference Depth To Bottom (DTBr)	15.15 ft.	**Start:** 818	**Stop:** 8:22
Measured Depth to Bottom (DTBm)	15.10 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	7.21 ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume:	8.74 gal.	**Water Contained:** ☐ Yes ☑ No	
Actual Volume:	10.00 gal.	**DTW After Purge:**	9.26 ft.

PID: ***Background:*** ***Purging:*** ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 6 0 9 S 1 0 5 2 6 G

Sample Time: Start: 830 Stop: 836

Duplicate ID: K 0 6 0 9 S 1 0 5 2 6 D — NA — CT

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ **Date:** 5/26/11 **QA/QC Review:** CES **Date:** 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 6095 **Date:** 5/26/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	835	18.4	7.22	402.4		Cloudy

COMMENTS:

002456

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW609S Date: 9 / 13 / 11 Personnel: g jar

PURGING:

Reference Depth To Bottom (DTBr)	15.15 ft.	**Start:** 10:17	**Stop:** 10:24
Measured Depth to Bottom (DTBm)	15.09 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	6.28 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	9.76 gal.	**Water Contained:** ☐ *Yes* ☑ *No*	
Actual Volume:	10.00 gal.	**DTW After Purge:**	7.40 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		D.EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 6 0 9 S 1 0 9 1 3 G

Sample Time: Start: 1035 Stop: 1041

Duplicate ID: K 0 6 0 9 S 1 0 9 1 3 D

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ Date: 9/13/11 QA/QC Review: _____ Date: _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 609S Date: 9 / 13 / 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 BTEX Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/13/11	1040	18.0	7.17	407.6		Hazy

COMMENTS:

002524

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW-610S **Date:** 5 / 31 / 11 **Personnel:** S

PURGING:

Reference Depth To Bottom (DTBr)	19.85 ft.	**Start:** 1431	**Stop:** 1437
Measured Depth to Bottom (DTBm)	20.20 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	9.41 ft.	**Well Yields:** ☒ *Yes* ☐ *No*	
Target Volume:	11.52 gal.	**Water Contained:** ☒ *Yes* ☐ *No*	
Actual Volume:	12.00 gal.	**DTW After Purge:**	9.95 ft.

PID: ***Background:*** ***Purging:*** ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		Del Eq.
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 6 1 0 S 1 0 5 3 1 G

Sample Time: Start: 1440 Stop: 1445

Duplicate ID: N A

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 5/31/11 **QA/QC Review:** CES **Date:** 6/3/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 610S **Date:** 5 / 31 / 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☒ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Bltall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/31/11	1444	12.4	7.17	1379 us		Cloudy

COMMENTS:

002510

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW612S **Date:** 2/4/11 **Personnel:** GLS

PURGING:

Reference Depth To Bottom (DTBr)	17.84 ft.	**Start:** 1320	**Stop:** 1327
Measured Depth to Bottom (DTBm)	17.61 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	10.19 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	8.42 gal.	**Water Contained:** ☐ *Yes* ☑ *No*	
Actual Volume:	9.00 gal.	**DTW After Purge:**	14.82 ft.

PID: ***Background:*** ***Purging:*** ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DDEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 6 1 2 S 1 0 2 0 4 G

Sample Time: Start: 1330 Stop: 1340

Duplicate ID: K 0 6 1 2 S 1 0 2 0 4 D

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 2/4/11 **QA/QC Review:** CES **Date:** 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 612S **Date:** 2/4/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☑ Phenols (total) (EPA 420.1)
- ☑ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☑ Arsenic (EPA 206.2 or 7060A)
- ☑ Cadmium (EPA 7131)
- ☑ Lead (EPA 239.2 or 7421)
- ☑ Silver (EPA 7761)

Other: 8021B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/4/11	1334	6.9	7.38	681u		clear

COMMENTS:

002441

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW612S Date: 6/2/11 Personnel: CJ LWD

PURGING:

Reference Depth To Bottom (DTBr)	17.84 ft.	**Start:** 1245	**Stop:** 1253
Measured Depth to Bottom (DTBm)	17.67 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	7.80 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	11.05 gal.	**Water Contained:** ☐ *Yes* ☑ *No*	
Actual Volume:	12.00 gal.	**DTW After Purge:**	9.20 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DzdEQ.
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K G 6 1 2 S 1 0 6 0 2 G

Sample Time: Start: 1300 Stop: 1310

Duplicate ID: N A

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ **Date:** 6/2/11 **QA/QC Review:** CES **Date:** 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 612S **Date:** 6/2/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☑ Arsenic (EPA 206.2 or 7060A)
☑ Cadmium (EPA 7131)
☑ Lead (EPA 239.2 or 7421)
☑ Silver (EPA 7761)

Other: 8021B Hall From
TOtal Phenols

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
6/2/11	1309	12.5	7.25	606		Cloudy

COMMENTS:

002519

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW612S **Date:** 9/14/11 **Personnel:** JAR

PURGING:

Reference Depth To Bottom (DTBr)	17.84 ft.	**Start:** 12:15	**Stop:** 12:23
Measured Depth to Bottom (DTBm)	17.69 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	6.34 ft.	**Well Yields:** ☒ *Yes* ☐ *No*	
Target Volume:	12.64 gal.	**Water Contained:** ☐ *Yes* ☒ *No*	
Actual Volume:	13.00 gal.	**DTW After Purge:**	7.82 ft.

PID: | ***Background:*** | ***Purging:*** | ☒ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		DedEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K|0|6|1|2|S|1|0|9|1|4|G

Sample Time: Start: 1230 Stop: 1239

Duplicate ID: K|0|6|1|2|S|1|0|9|1|4|D

Sampling Method: ☒ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/14/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 612S **Date:** 9/14/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☒ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☒ Phenols (total) (EPA 420.1)
- ☒ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☒ Arsenic (EPA 206.2 or 7060A)
- ☒ Cadmium (EPA 7131)
- ☒ Lead (EPA 239.2 or 7421)
- ☒ Silver (EPA 7761)

Other: 8021B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/14/11	1235	12.9	7.20	6222		Cleary

COMMENTS:

002544

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW802 Date: 2/7/11 Personnel: CJ

PURGING:

Reference Depth To Bottom (DTBr) 21.72 ft.	**Start:** 840	**Stop:** 851	
Measured Depth to Bottom (DTBm) 21.96 ft.	*Note: Use Reference Depth to Bottom for calculations*		
Depth to Water (DTW): 7.51 ft.	**Well Yields:** ☑ Yes ☐ No		
Target Volume: 15.44 gal.	**Water Contained:** ☐ Yes ☑ No		
Actual Volume: 16.00 gal.	**DTW After Purge:** 10.58 ft.		

PID: | *Background:* | *Purging:* | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K|0|8|0|2|1|0|2|0|7|G

Sample Time: Start: 900 Stop: 911

Duplicate ID: ~~[ ]~~ NA

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: CJ Date: 2/7/11 QA/QC Review: CES Date: 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 802 Date: 2/7/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☑ Phenols (total) (EPA 420.1)
☑ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☑ Arsenic (EPA 206.2 or 7060A)
☑ Cadmium (EPA 7131)
☑ Lead (EPA 239.2 or 7421)
☑ Silver (EPA 7761)

Other: 8021 B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/7/11	9:10	9.1	7.21	977		Clear

COMMENTS:

002442

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW802 **Date:** 6/3/11 **Personnel:** C

PURGING: 21.72 S

Reference Depth To Bottom (DTBr) ~~21.80~~	ft.	**Start:** 946	**Stop:** 952
Measured Depth to Bottom (DTBm) 21.85	ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW): 5.11	ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume: 18-28	gal.	**Water Contained:** ☐ Yes ☑ No	
Actual Volume: 20.00	gal.	**DTW After Purge:** 8.65	ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		DedED
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 0 8 0 2 1 0 6 0 3 G

Sample Time: Start: 958 Stop: 1004

Duplicate ID: N A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 6/3/11 **QA/QC Review:** CES **Date:** 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 802 **Date:** 6/3/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☑ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☑ Arsenic (EPA 206.2 or 7060A)
- ☑ Cadmium (EPA 7131)
- ☑ Lead (EPA 239.2 or 7421)
- ☑ Silver (EPA 7761)

Other: 8021 B tall Freon
Total Phenols

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
6/3/11	1003	11.6	7.21	780 us		Clear

COMMENTS:

002522

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 802 **Date:** 9, 14, 11 **Personnel:** JARCS

PURGING:

Reference Depth To Bottom (DTBr) 21.72 ft.	**Start:** 11:17	**Stop:** 11:25	
Measured Depth to Bottom (DTBm) 21.87 ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW): 4.05 ft.	**Well Yields:** ☑ *Yes* ☐ *No*		
Target Volume: 19.45 gal.	**Water Contained:** ☐ *Yes* ☑ *No*		
Actual Volume: 20.00 gal.	**DTW After Purge:** 7.23 ft.		

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	***Rate***	***Equipment ID***
☑ Bailer		DrdEQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K G 0 8 0 2 1 0 9 1 4 G

Sample Time: Start: 11:30 Stop: 1137

Duplicate ID: N A

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/14/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 802 **Date:** 9, 14, 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☑ Phenols (total) (EPA 420.1)	☑ Arsenic (EPA 206.2 or 7060A)
☑ Metals are Filtered	☑ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☑ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/14/11	1136	11.9	7.31	793u		Clear

COMMENTS:

002542

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW806 Date: 5/26/11 Personnel: cjc

PURGING:

Reference Depth To Bottom (DTBr)	10.58 ft.	**Start:** 1243	**Stop:** 1253
Measured Depth to Bottom (DTBm)	10.56 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	2.62 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	15.59 gal.	**Water Contained:** ☐ *Yes* ☑ *No*	
Actual Volume:	16.00 gal.	**DTW After Purge:**	7.95 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K|0|0|8|0|6|1|0|5|2|6|G

Sample Time: Start: 1255 Stop: 1300

Duplicate ID: N/A

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 5/26/11 **QA/QC Review:** CES **Date:** 8/25/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 806 Date: 5/26/11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a	☐ Antimony (EPA 200.7 or 6010A)
☐ Phenols (total) (EPA 420.1)	☐ Arsenic (EPA 206.2 or 7060A)
☐ Metals are Filtered	☐ Cadmium (EPA 7131)
☐ Metals are Unfiltered	☐ Lead (EPA 239.2 or 7421)
☐ Modified Appendix 33	☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/26/11	1259	15.0	6.68	790.		Clear

COMMENTS:

002467

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 816 **Date:** 2 / 4 / 11 **Personnel:** [signature]

PURGING:

Reference Depth To Bottom (DTBr)	13.97	ft.	**Start:** 12:16	**Stop:** 12:20	
Measured Depth to Bottom (DTBm)	14.11	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	13.49	ft.	**Well Yields:**	☑ *Yes*	☐ *No*
Target Volume:	0.23	gal.	**Water Contained:**	☐ *Yes*	☑ *No*
Actual Volume:	0.25	gal.	**DTW After Purge:**	13.80	ft.

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K C @ 8 1 6 1 @ 2 @ 4 G

Sample Time: Start: 12:30 Stop: 1300

Duplicate ID: ~~- - - - -~~ N A ~~- - - - -~~

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] **Date:** 2/4/11 **QA/QC Review:** CES **Date:** 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 816 **Date:** 2 / 4 / 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☒ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☑ Arsenic (EPA 206.2 or 7060A)
- ☑ Cadmium (EPA 7131)
- ☑ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 B Hall Fm

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/4/11	1259	6.5	7.20	651		Cloudy

COMMENTS:

002439

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW 816 Date: 6 / 3 / 11 Personnel: CJ

PURGING:

Reference Depth To Bottom (DTBr)	13.97 ft.	Start: 750	Stop: 816
Measured Depth to Bottom (DTBm)	14.15 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	10.30 ft.	Well Yields: ☑ Yes ☐ No	
Target Volume:	1.79 gal.	Water Contained: ☐ Yes ☑ No	
Actual Volume:	2 gal.	DTW After Purge: 11.80 ft.	

PID: *Background:* | *Purging:* ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EG
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 0 8 1 6 1 0 6 0 3 G

Sample Time: Start: 855 Stop: 910

Duplicate ID: N A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 6/3/11 QA/QC Review: EES Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 816 Date: 6/3/11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☑ Phenols (total) (EPA 420.1)
- ☑ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☑ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☑ Lead (EPA 239.2 or 7421)
- ☑ Silver (EPA 7761)

Other: 8021 BTEX Freon
Total Phenols

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
6/3/11	909	11.5	7.16	640u		Clear

COMMENTS:

3 VOA + 6 = 9 VOA
1 Phe + 2 = 3 Amb
1 Meta
1 Meta

002520

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW816 **Date:** 9 / 14 / 11 **Personnel:** S JAR

PURGING:

Reference Depth To Bottom (DTBr)	13.97 ft.	**Start:** 10:21	**Stop:** 1025
Measured Depth to Bottom (DTBm)	13.99 ft.	*Note: Use Reference Depth to Bottom for calculations*	
Depth to Water (DTW):	8.58 ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume:	2.63 gal.	**Water Contained:** ☐ Yes ☑ No	
Actual Volume:	3.00 gal.	**DTW After Purge:**	10.43 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0981610914G

Sample Time: Start: 1030 Stop: 1037

Duplicate ID: N/A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/14/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: MW816 **Date:** 9 / 14 / 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☑ Phenols (total) (EPA 420.1)
- ☑ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☑ Arsenic (EPA 206.2 or 7060A)
- ☑ Cadmium (EPA 7131)
- ☑ Lead (EPA 239.2 or 7421)
- ☑ Silver (EPA 7761)

Other: 8021B Hall Frn

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/14/11	1036	11.7	7.21	644		Cloudy

COMMENTS:

002540

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW817 Date: 2,4,11 Personnel: CJ KG

PURGING:

Reference Depth To Bottom (DTBr)	16.09 ft.	**Start:** 1223	**Stop:** 1228
Measured Depth to Bottom (DTBm)	16.47 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	13.13 ft.	**Well Yields:** ☑ *Yes* ☐ *No*	
Target Volume:	1.44 gal.	**Water Contained:** ☐ *Yes* ☑ *No*	
Actual Volume:	1.50 gal.	**DTW After Purge:**	16.24 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K0681710264G

Sample Time: Start: 1240 Stop: 1249

Duplicate ID: NA

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 2/4/11 QA/QC Review: CES Date: 8/24/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 817 Date: 2,4,11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☑ Phenols (total) (EPA 420.1)
☑ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☑ Arsenic (EPA 206.2 or 7060A)
☑ Cadmium (EPA 7131)
☑ Lead (EPA 239.2 or 7421)
☑ Silver (EPA 7761)

Other: 8021B Hall Freon

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
2/4/11	1248	7.0	7.40	6674		Clear

COMMENTS:

002440

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW817 Date: 6 / 3 / 11 Personnel: CJ

PURGING:

Reference Depth To Bottom (DTBr)	16.09 ft.	**Start:** 827	**Stop:** 840
Measured Depth to Bottom (DTBm)	16.37 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	10.05 ft.	**Well Yields:** ☑ Yes ☐ No	
Target Volume:	2.95 gal.	**Water Contained:** ☐ Yes ☑ No	
Actual Volume:	3.00 gal.	**DTW After Purge:**	16.00 ft.

PID: | ***Background:*** | ***Purging:*** | ☑ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☑ Bailer		Ded EQ
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K 0 0 8 1 7 1 0 6 0 3 G

Sample Time: Start: 915 Stop: 930

Duplicate ID: K 0 0 8 1 7 1 0 6 0 3 D

Sampling Method:
☑ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: [signature] Date: 6/3/11 QA/QC Review: CES Date: 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: 817 Date: 6 / 3 / 11

LABORATORY:

☐ IBM - East Fishkill
☑ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☑ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☑ Arsenic (EPA 206.2 or 7060A)
☑ Cadmium (EPA 7131)
☑ Lead (EPA 239.2 or 7421)
☑ Silver (EPA 7761)

Other: 8021B Hall Frzn
Total Phenols

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
6/3/11	929	13.0	7.12	501		Clear

COMMENTS:

002521

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: MW-817 Date: 9 / 14 / 11 Personnel: S JAT

PURGING:

Reference Depth To Bottom (DTBr)	16.09 ft.	**Start:** 1040	**Stop:** 1052
Measured Depth to Bottom (DTBm)	16.42 ft.	***Note: Use Reference Depth to Bottom for calculations***	
Depth to Water (DTW):	8.37 ft.	**Well Yields:** ☒ *Yes* ☐ *No*	
Target Volume:	3.77 gal.	**Water Contained:** ☐ *Yes* ☒ *No*	
Actual Volume:	4.00 gal.	**DTW After Purge:**	14.19 ft.

PID: | ***Background:*** | ***Purging:*** | ☐ *Not Applicable*

Purge Method	*Rate*	*Equipment ID*
☒ Bailer		Ded EQ.
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K|0|8|1|7|0|9|1|4|G

Sample Time: Start: 1056 Stop: 1103

Duplicate ID: NA

Sampling Method:
☐ Bailer ☐ Well Wizard
☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 9/14/11 **QA/QC Review:** _____ **Date:** _____

IBM
Kingston, New York

Analysis Request Form

Well Number: 817 **Date:** 9 / 14 / 11

LABORATORY:

☐ IBM - East Fishkill
☐ EnviroTest
☐ Other: _____

ANALYSES REQUESTED:

☐ 8010, Freon 113, Freon 123a
☐ Phenols (total) (EPA 420.1)
☐ Metals are Filtered
☐ Metals are Unfiltered
☐ Modified Appendix 33
☐ Antimony (EPA 200.7 or 6010A)
☐ Arsenic (EPA 206.2 or 7060A)
☐ Cadmium (EPA 7131)
☐ Lead (EPA 239.2 or 7421)
☐ Silver (EPA 7761)

Other: _____

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
9/14/11	1102	13.3	7.28	533		Hazy

COMMENTS:

002541

IBM
Kingston, New York

Field Sampling Data Sheet

GENERAL INFORMATION:

Well No: TMP8 **Date:** 5 / 27 / 11 **Personnel:** KWB S

PURGING:

Reference Depth To Bottom (DTBr)	14.76	ft.	**Start:** ~~930~~	**Stop:** ~~935~~ 940	CS
Measured Depth to Bottom (DTBm)	15.09	ft.	***Note: Use Reference Depth to Bottom for calculations***		
Depth to Water (DTW):	6.89	ft.	**Well Yields:** ☑ *Yes* ☐ *No*		
Target Volume:	3.84	gal.	**Water Contained:** ☑ *Yes* ☐ *No*		
Actual Volume:	4.00	gal.	**DTW After Purge:**	7.13	ft.

PID: | ***Background:*** | ***Purging:*** | ☐ ~~*Not Applicable*~~

Purge Method	*Rate*	*Equipment ID*
☑ ~~Bailer~~		Ded E.Q.
☐ Peristaltic Pump		
☐ Well Wizard		
☐ American Sigma		
☐ Bladder Pump		
☐ Submersible		

SAMPLING:

Sample ID: K O T M P 8 1 1 0 5 2 7 G

Sample Time: Start: 937 Stop: 941

Duplicate ID: N A

Sampling Method: ☑ Bailer ☐ Well Wizard ☐ American Sigma ☐ Tap

COMMENTS:

Signature: _____ **Date:** 5/27/11 **QA/QC Review:** CES **Date:** 8/31/11

IBM
Kingston, New York

Analysis Request Form

Well Number: TMP8 **Date:** 5 / 27 / 11

LABORATORY:

- ☐ IBM - East Fishkill
- ☑ EnviroTest
- ☐ Other: _____

ANALYSES REQUESTED:

- ☐ 8010, Freon 113, Freon 123a
- ☐ Phenols (total) (EPA 420.1)
- ☐ Metals are Filtered
- ☐ Metals are Unfiltered
- ☐ Modified Appendix 33
- ☐ Antimony (EPA 200.7 or 6010A)
- ☐ Arsenic (EPA 206.2 or 7060A)
- ☐ Cadmium (EPA 7131)
- ☐ Lead (EPA 239.2 or 7421)
- ☐ Silver (EPA 7761)

Other: 8021 Halog

FIELD PARAMETERS:

Date	Time	Temp (°C)	pH (SU)	Sp. Cond. (µmhos/cm)	Turbidity (NTU)	Notes
5/27/11	940	12.4	6.68	5034		H2SN

COMMENTS:

002489

Enviro Test Laboratories Inc.

CHAIN OF CUSTODY

315 Fulton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Groundwater Sciences Corp
ADDRESS: 560 Rt 52 Suite 202
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: Dorothy Bergmann
PHONE NO.: 845 896 0288 x14
PROJECT LOCATION: IBM Kingston
PROJECT NUMBER / PO NO.: 93002 30

REPORT TYPE
STANDARD ☐ ISRA ☑
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER IBM Kingston Special Deliverables Required

TURNAROUND
☑ NORMAL
☐ QUICK
☐ VERBAL

REPORT # (Lab Use Only)

SAMPLE TEMP 8.4 C
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☐ Y ☑ N
CHLORINE (RESIDUAL) ☐ Y ☑ N
REVIEWED BY:

NY PUBLIC WATER SUPPLIES
SOURCE ID:
ELAP TYPE:
FEDERAL ID:

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	DO	ANALYSIS REQUESTED
	2/3/11	NA		✓	AQ	KTBLQ2@3@2@4	2	2														8021 BTEX MTBE
	2/3/11	1115		✓	AQ	IEQ1@2@3WLID	3	3														8021 BTEX MTBE
	2/3/11	1130		✓	GW	KQ@@S1@2@3G	3	3														8021 BTEX MTBE
	2/3/11	1153		✓	GW	KQ17S1@2@3G	3	3														8021 BTEX MTBE
	2/3/11	1215		✓	GW	KQ187S1@2@3G	3	3														8021 BTEX MTBE
	2/3/11	1219		✓	GW	KQ187S1@2@3D	3	3														8021 BTEX MTBE
	2/3/11	1255		✓	GW	KQ183S1@2@3G	3	3														8021 BTEX MTBE
	2/3/11	1305		✓	AQ	IEQ1@2@3WLID	3	3														8021 BTEX MTBE
	2/3/11	1318		✓	GW	KQ1215S1@2@3G	3	3														8021 BTEX MTBE
	2/3/11	1345		✓	GW	KQ17S1@2@3G	3	3														8021 BTEX MTBE
	2/3/11	1403		✓	GW	KQ177S1@2@3G	3	3														8021 BTEX MTBE
	2/3/11	1425		✓	GW	KQ1695S1@2@3G	3	3														8021 BTEX MTBE

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY: [signature]	COMPANY: ER	DATE: 1/31/11	TIME: 10:00a	RECEIVED BY: [signature]	COMPANY: GSC	DATE: 1-31-11	TIME: 12a
SAMPLED BY: CJS	COMPANY	DATE	TIME	RECEIVED BY: CJS	COMPANY	DATE	TIME
RELINQUISHED BY: [signature]	COMPANY: GSC	DATE: 2-4-11	TIME: 1500	RECEIVED BY: [signature]	COMPANY: ETL	DATE: 2/4/11	TIME: 330p

COMMENTS: Invoice to be submitted to GSC for payment. All samples intact and in good condition

Enviro-Test Laboratories Inc.

CHAIN OF CUSTODY

315 Fullerton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Groundwater Sciences Corp
ADDRESS: 560 Rte 52 Suite 202
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: Dorothy Bergman
PHONE NO.: 845 296 0288 x 14
PROJECT LOCATION: IBM Lagrange
PROJECT NUMBER / PO NO.: 93002.30

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

REPORT TYPE
STANDARD ☐ ISRA ☑
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER IBM Lagrange Deliverables Required

TURNAROUND
☐ NORMAL _____
☐ QUICK _____
☐ VERBAL _____

REPORT # (Lab Use Only)

SAMPLE TEMP 2.4 C
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☐ Y ☐ N
CHLORINE (RESIDUAL) ☐ Y ☐ N
REVIEWED BY:

NY PUBLIC WATER SUPPLIES
SOURCE ID: _____
ELAP TYPE: _____
FEDERAL ID: _____

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

ANALYSIS REQUESTED

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	DO	ANALYSIS REQUESTED
LAB USE ONLY	2/3/11	1449		✓	GW	L0009-102@3G	3	3														8021 BHall Freon
	2/3/11	1449		✓	GW	L0009-102@3D	3	3														8021 BHall Freon
	2/3/11	1507		✓	GW	L0182-102@3G	3	3														8021 BHall Freon
	2/3/11	1523		✓	GW	L0178-102@3G	3	3														8021 BHall Freon
	2/3/11	1540		✓	GW	L0180-102@3G	3	3														8021 BHall Freon
	2/3/11	1603		✓	GW	L0504S-102@3G	3	3														8021 BHall Freon
	2/3/11	1630		✓	GW	L0284-102@3G	3	3														8021 BHall Freon
	2/3/11	1630		✓	GW	L0284-102@3D	3	3														8021 BHall Freon

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
D Chadsk	GSC	1/31/11	12:00p	CS	GSC	1/31/11	12p
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
CJS							
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
CS	GSC	2-4-11	1500	D Chadsk	GSC	2/4/11	

COMMENTS: Invoice to be submitted to GSC for payment. All samples intact and in good condition Ice

NYSDOH 10142 NJDEP NY015 CTDOHS PH-0554 EPA NY00049

Enviro-Test Laboratories Inc.

CHAIN OF CUSTODY

315 Fu[illegible]on Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Groundwater Sciences Corp
ADDRESS: 560 Rt 52 Suite 202
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: Dorothy Bergmann
PHONE NO.: 845 896 0288 x14
PROJECT LOCATION: TBM Kingston
PROJECT NUMBER / PO NO.: 93002 30

REPORT TYPE
STANDARD ☐ ISRA ☑
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER TBM Long Term Behavioral Program

TURNAROUND
☑ NORMAL _____
☐ QUICK _____
☐ VERBAL _____

REPORT # (Lab Use Only)

SAMPLE TEMP 2.4 C
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☐ Y ☐ N
CHLORINE (RESIDUAL) ☐ Y ☐ N
REVIEWED BY:

NY PUBLIC WATER SUPPLIES
SOURCE ID ___ ___ ___
ELAP TYPE ___ ___
FEDERAL ID ___ ___

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	DO	ANALYSIS REQUESTED
	2/4/11	NA		✓	AQ	KTBC@2040204	2	2														8021 BTEX Only
	2/4/11	845		✓	GW	L0173@204G	3	3														8021 BTEX Only
	2/4/11	900		✓	GW	L0174@204G	3	3														8021 BTEX Only
	2/4/11	935		✓	GW	L0169@204G	3	3														8021 BTEX Only
	2/4/11	1010		✓	GW	K0170@204E	3	3														8021 BTEX Only
	2/4/11	1030		✓	GW	K508A@204G	3	3														8021 BTEX Only
	2/4/11	1020		✓	GW	K508A@204D	3	3														8021 BTEX Only
	2/4/11	1037		✓	GW	LFQ@204NLID	3	3														8021 BTEX Only
	2/4/11	1048		✓	GW	K184A@204G	3	3														8021 BTEX Only
	2/4/11	1100		✓	GW	K185SA@204G	3	3														8021 BTEX Only
	2/4/11	1120		✓	GW	K0204@204G	4	3				1										8021 BTEX Only 1,4 Dioxane (230.2)
	2/4/11	1236		✓	GW	L0081@204G	5	3		1	2	1										8021 BTEX Only MW Metals Lead Cadmium Silver, Total Phenols

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[illegible]	GSC	1/31/11	12:00	[illegible]	GSC	1/31/11	12:00
SAMPLED BY CJS	COMPANY	DATE	TIME	RECEIVED BY CJS	COMPANY	DATE	TIME
RELINQUISHED BY [illegible]	COMPANY GSC	DATE 2/4/11	TIME 1500	RECEIVED BY [illegible]	COMPANY ETL	DATE 2/4/11	TIME 3:00P

COMMENTS Invoice to be submitted to GSC for payment. All samples extract and run good surrogate recoveries.

Chain of Custody

Environmental Laboratories Inc.

315 Fullerton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME	Groundwater Sciences Corp
ADDRESS	566 Rte 52 Suite 202
CITY, STATE, ZIP	Beacon NY 12508
NAME OF CONTACT	Dorothy Bergmann
PHONE NO.	845-838-0226 x 14
PROJECT LOCATION	TBM Kingston
PROJECT NUMBER / PO NO.	13002.30

REPORT TYPE
STANDARD ☐ ISRA ☑
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER TBM Kingston Special Deliverables Required

TURNAROUND
☑ NORMAL _____
☐ QUICK _____
☐ VERBAL _____

REPORT # (Lab Use Only)

SAMPLE TEMP. 2.4 °C
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☐ Y ☑ N
CHLORINE (RESIDUAL) ☐ Y ☐ N
REVIEWED BY: _____

NY PUBLIC WATER SUPPLIES
SOURCE ID _____
ELAP TYPE _____
FEDERAL ID _____

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

ANALYSIS REQUESTED

ETL #	SAMPLING DATE	SAMPLING TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	DO	ANALYSIS REQUESTED
LAB USE ONLY	2/4/11	1240		✓	GW	KGW-[illegible]02204G	5	3		1		1										8021 BTEX From Arsenic Lead Cadmium Silver Total Phenols
	2/4/11	1315		✓	AQ	TFQ-MW204WLID	3	3														8021 BTEX From
	2/4/11	1330		✓	GW	KGW125102204G	5	3		1		1										8021 BTEX From Arsenic Lead Cadmium Silver Total Phenols
	2/4/11	1330		✓	GW	KGW125102204D	5	3		1		1										8021 BTEX From Arsenic Lead Cadmium Silver Total Phenols

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[illegible]	ETL	1/31/11	10:00p	[illegible]	GSC	1-31-11	12a
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
CJS				CJS			
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[illegible]	GSC	2-4-11	1500	[illegible]	ETL	2/4/11	3:00p

COMMENTS Invoice to be submitted to GSC for payment all samples intact and in good condition
Sa

Enviro est Laboratories Inc.

CHAIN OF CUSTODY

315 F ton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME	Groundwater Science Corp
ADDRESS	560 Rte 52 Suite 202
CITY, STATE, ZIP	Beacon NY 12508
NAME OF CONTACT / PHONE NO.	Dorothy Bogusiak 845 296 0288 x 14
PROJECT LOCATION	IBM Kingston
PROJECT NUMBER / PO NO.	92002 30

REPORT TYPE
STANDARD ☐ ISRA ☑
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER IBM Kingston Standard Deliverables Format

TURNAROUND
☑ NORMAL _____
☐ QUICK _____
☐ VERBAL _____

REPORT # (Lab Use Only)

SAMPLE TEMP. 2.1 C.
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☑ Y ☐ N
CHLORINE (RESIDUAL) ☐ Y ☑ N
REVIEWED BY: CS

NY PUBLIC WATER SUPPLIES
SOURCE ID _____
ELAP TYPE _____
FEDERAL ID _____

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	DO	ANALYSIS REQUESTED
	2/7/11	NA		✓	AQ	TBC020708	2	2														8021 BTEX Freon
	2/7/11	900		✓	GW	MW02102070G	5	3		1		1										8021 BTEX Freon Arsenic Cadmium Lead Silver Total Phenols
	2/7/11	930		✓	GW	MW21810207G	5	3		1		1										8021 BTEX Freon Arsenic Cadmium Lead Silver Total Phenols
	2/7/11	957		✓	GW	MW20510207G	5	3		1		1										8021 BTEX Freon Arsenic Cadmium Lead Silver Total Phenols
	2/7/11	1018		✓	GW	MW20610207G	13	9		3		1										8021 BTEX Freon Arsenic Cadmium Lead Silver Total Phenols
	2/7/11	1100		✓	GW	MW17510207G	3	3														8021 BTEX Freon

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	ETL	1/31/11	12:00p	[signature]	GSC	1/31/11	1200
SAMPLED BY CJS	COMPANY	DATE	TIME	RECEIVED BY CJS	COMPANY	DATE	TIME
RELINQUISHED BY [signature]	COMPANY GSC	DATE 2-7-11	TIME 1200	RECEIVED BY [signature]	COMPANY ETL	DATE 2/7/11	TIME 1220

COMMENTS Invoice to be submitted to GSC for payment. ↓ Extra Sample Collected for MS/MSD
All Samples Received on Ice in Cooler Temp 2.1° C 2/7/11

Enviro_est Laboratories Inc.

CHAIN OF CUSTODY

315 F_rton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Groundwater Sciences Corp
ADDRESS: 560 Rte 52 Suite 202
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: Dorothy Bergmen PHONE NO.: 845 896 0288 x14
PROJECT LOCATION: IDM Kingston
PROJECT NUMBER / PO NO.: 92002 30

REPORT TYPE
STANDARD ☐ ISRA ☑
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER [illegible] TIM
Kingston Sprinkler Network Reg

TURNAROUND
☑ NORMAL _____
☐ QUICK _____
☐ VERBAL _____

REPORT # (Lab Use Only)

SAMPLE TEMP 2.1 C
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☐ Y ☐ N
CHLORINE (RESIDUAL) ☐ Y ☑ N
REVIEWED BY: SC

NY PUBLIC WATER SUPPLIES
SOURCE ID
ELAP TYPE
FEDERAL ID

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	DO	ANALYSIS REQUESTED
	2/7/11	NA		✓	AQ	KTRBQ2070209	2	2														8021, Fr 113 + 123a by 524.2
	2/7/11	943		✓	AQ	LEQ102071WLID	3	3														8021, Fr 113 + 123a by 524.2
	2/7/11	957		X	GW	LQ02X5102071D	3	3														8021 Fr 113 + 123a by 524.2
	2/7/11	1045		X	AQ	LEQ102071WLID	3	3														8021 Fr 113 + 123a by 524.2
	2/7/11	1100		X	GW	LQ0175102071D	3	3														8021 Fr 113, 123a by 524.2

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	ETL	1/24/11	12:00A	[signature]	GSC	1/24/11	1000
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
CJ				CJS			
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	GSC	2-7-11	12:20	[signature]	EL	2/7/11	12:30

COMMENTS: Invoice to be submitted to GSC for payment
All samples [illegible] Temp 2.1° C 2/7/11

Enviro_ast Laboratories Inc.

CHAIN OF CUSTODY

315 F_ton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME	Groundwater Sciences Corp
ADDRESS	560 Rte 52 Suite 202
CITY, STATE, ZIP	Beacon NY 12508
NAME OF CONTACT	Dorothy Bergmann
PHONE NO.	845 896 0288 x14
PROJECT LOCATION	TBM Kingston
PROJECT NUMBER / PO NO.	93002 30 GW Sampl

REPORT TYPE
STANDARD ☐ ISRA ☑
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER TTM Kingston
Special Deliverables Required

TURNAROUND
☑ NORMAL _____
☐ QUICK _____
☐ VERBAL _____

REPORT # (Lab Use Only)

SAMPLE TEMP 2.1 C
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☐ Y ☐ N
CHLORINE (RESIDUAL) ☐ Y ☐ N
REVIEWED BY

NY PUBLIC WATER SUPPLIES
SOURCE ID
ELAP TYPE
FEDERAL ID

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

ANALYSIS REQUESTED

ETL #	SAMPLING DATE	SAMPLING TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	DO	
LAB USE ONLY	5/25/11	NA		✓	AQ	TB[illegible]0525@525	2	2														8021 Halogenated
	5/25/11	1020		✓	GW	MW-2[illegible]525G	3	3														8021 Halogenated
	5/25/11	1020		✓	GW	MW-22[illegible]525D	3	3														8021 Halogenated
	5/25/11	1047		✓	GW	MW-05[illegible]525G	3	3														8021 Halogenated
	5/25/11	1102		✓	GW	MW-04[illegible]525G	3	3														8021 Halogenated
	5/25/11	1115		✓	GW	MW-03[illegible]525G	3	3														8021 Halogenated
	5/25/11	1200		✓	GW	MW-24[illegible]525G	3	3														8021 Halogenated
	5/25/11	1215		✓	GW	MW-[illegible]525G																8021 Halogenated
	5/25/11	1240		✓	GW	MW-[illegible]525G	3	3														8021 Halogenated
	5/25/11	1250		✓	AQ	TB-[illegible]SWLID	3	3														8021 Halogenated
	5/25/11	1303		✓	GW	MW-[illegible]525G	3	3														8021 Halogenated
	5/25/11	1320		✓	GW	MW-27[illegible]525G	3	3														8021 Halogenated

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	ER	5/24/11	12:15	[signature]	GSC	5/24/11	12:15
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	GSC			[signature]	GSC		
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	GSC	5/25/11	1500	[signature]	ETL	5/25/11	5:00p

COMMENTS Invoice to be submitted to GSC for payment cooler was dry, intact and in good condition /a

Enviro..est Laboratories Inc.

CHAIN OF CUSTODY

315 F..ton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Groundwater Science Corp
ADDRESS: 560 Rte 52 Suite 202
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: Dorothy Beigmann
PHONE NO.: 845.891.0288 x14
PROJECT LOCATION: Tom Kingston
PROJECT NUMBER / PO NO.: 13002 30

REPORT TYPE
STANDARD ☐ ISRA ☑
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER Tom Kingston Special Deliverables required

TURNAROUND
☑ NORMAL _____
☐ QUICK _____
☐ VERBAL _____

REPORT # (Lab Use Only)

SAMPLE TEMP: 1.6 °C
SAMPLE REC'D ON ICE ☒ Y ☐ N
ph CHECK ☐ Y ☐ N
CHLORINE (RESIDUAL) ☐ Y ☐ N
REVIEWED BY:

NY PUBLIC WATER SUPPLIES
SOURCE ID
ELAP TYPE
FEDERAL ID

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	DO	ANALYSIS REQUESTED
	5/26/11	NA		✓	AQ	TRIP BLANK	2	2														8021 Halogenated
	5/26/11	830		✓	GW	KG1609S105266	3	3														8021 Halogenated
	5/26/11	830		✓	GW	KG1609S105260	3	3														8021 Halogenated
	5/26/11	850		✓	GW	KG1693105266	3	3														8021 Halogenated
	5/26/11	900		✓	AQ	FIELD BLANK	3	3														8021 Halogenated
	5/26/11	915		✓	GW	KG1215105266	3	3														8021 Halogenated
	5/26/11	945		✓	GW	KG1125105266	3	3														8021 Halogenated
	5/26/11	1005		✓	GW	KG1135105266	3	3														8021 Halogenated
	5/26/11	1020		✓	GW	KG1622105266	3	3														8021 Halogenated
	5/26/11	1040		✓	GW	KG1105266	3	3														8021 Halogenated
	5/26/11	1100		✓	GW	KG1835105266	3	3														8021 Halogenated
	5/26/11	1115		✓	GW	KG1141105266	3	3														8021 Halogenated

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	ETL	5/27/11	12:15	[signature]	GSC	5/27/11	12:15
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	CJS			[signature]	CJ		
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	GSC	5/27/11	13:15	[signature]	ETL	5/27/11	1315

COMMENTS: Invoice to be submitted to GSC for payment
All samples received intact + good Condition Temp Blanks 1.6°C

NYSDOH 10142 NJDEP NY015 CTDOPH PH-0654 EPA NY00049

Enviro..est Laboratories Inc.

CHAIN OF CUSTODY

315 F..ton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Groundwater Sciences Corp
ADDRESS: 760 Rt 52 Suite 202
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: Dorothy Bergman PHONE NO.: 845-896-0255, 14
PROJECT LOCATION: Thompkinsville
PROJECT NUMBER / PO NO.: 13002.30 Routine

REPORT TYPE
STANDARD ☐ ISRA ☑
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER Thompkinsville permit
Deliverables Required

TURNAROUND
☑ NORMAL
☐ QUICK
☐ VERBAL

REPORT # (Lab Use Only)

SAMPLE TEMP. 1.6 C
SAMPLE REC'D ON ICE ☒ Y ☐ N
ph CHECK ☐ Y ☐ N
CHLORINE (RESIDUAL) ☐ Y ☐ N
REVIEWED BY:

NY PUBLIC WATER SUPPLIES
SOURCE ID
ELAP TYPE
FEDERAL ID

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

ANALYSIS REQUESTED

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	DO	ANALYSIS REQUESTED
	7/26/11	1205		✓	GW	MW-2	3	3														8021 Halogenated
	7/26/11	1205		✓	GW	MW-2D	3	3														8021 Halogenated
	7/26/11	1235		✓	GW	MW-3	3	3														8021 Halogenated
	7/26/11	1259		✓	GW	MW-4	3	3														8021 Halogenated
	7/26/11	1310		✓	GW	MW-5	3	3														8021 Halogenated
	7/26/11	1325		✓	GW	MW-6	3	3														8021 Halogenated
	7/26/11	1340		✓	GW	MW-7	3	3														8021 Halogenated
	7/26/11	1400		✓	GW	MW-8	3	3														8021 Halogenated

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[illegible]	ESW	7/26/11	1700	Chris Shaw	GSC	7/27/11	12:00
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
CSS	CSS			CSS			
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
Chris Shaw	GSC	7/27/11	13:15	[illegible]	ETL	5/29/11	1315

COMMENTS: Invoice to be submitted to GSC for payment. All samples received intact & cool. Cooler Temp Blank @ 1.6°C

NYSDOH 10142 NJDEP NY015 CTDOHS PH-0554 EPA NY00049

Enviro..est Laboratories Inc.

CHAIN OF CUSTODY

315 F...rton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Groundwater Sciences Corp
ADDRESS: 566 Ctr St Suite 202
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: Dorothy Bergman PHONE NO.: 845-296-0288, 14
PROJECT LOCATION: TDM Kingston
PROJECT NUMBER / PO NO.: 93002.30 Routine

REPORT TYPE
STANDARD ☐ ISRA ☑
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER TDM Kingston Spec Deliverables Required

TURNAROUND
☑ NORMAL
☐ QUICK
☐ VERBAL

REPORT # (Lab Use Only)

SAMPLE TEMP 1.6 °C
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☐ Y ☐ N
CHLORINE (RESIDUAL) ☐ Y ☐ N
REVIEWED BY

NY PUBLIC WATER SUPPLIES
SOURCE ID
ELAP TYPE
FEDERAL ID

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	DO	ANALYSIS REQUESTED
	5/26/11	NA		✓	AQ	TRIP BLANK 5527	2	2														8021 Halogenated / Aromatic
	5/26/11	1416		✓	GW	MW-17S 5526G	3	3														8021 Halogenated
	5/26/11	1427		✓	GW	MW-17M 5526G	3	3														8021 Halogenated
	5/26/11	1440		✓	GW	MW-17D 5526G	3	3														8021 Halogenated
	5/26/11	1458		✓	GW	MW-17R 5526G	3	3														8021 Halogenated
	5/26/11	1458		✓	GW	MW-17R 5526D	3	3														8021 Halogenated
	5/26/11	1515		✓	GW	MW-17D 5526G	3	3														8021 Halogenated
	5/27/11	845		✓	GW	MW-16D 5527G	3	3														8021 Halogenated
	5/27/11	900		✓	GW	MW-27S 5527G	3	3														8021 Halogenated
	5/27/11	920		✓	GW	MW-27M 5527G	3	3														8021 Halogenated
	5/27/11	937		✓	GW	MW-27D 5527G	3	3														8021 Halogenated
	5/27/11	952		✓	GW	MW-20D 5527G	3	3														8021 Halogenated

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	ETL	5/27/11	1200	[signature]	GSC	5.27.11	12a
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	CJS			[signature] CJS			
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	GSC	5.27.11	13:15	[signature]	ETL	5/27/11	1315

COMMENTS: Invoice to be sent to GSC for Payment
MS/MSD received intact & cool Cooler Temp Blanked 1.6°C

Enviro Test Laboratories Inc.

CHAIN OF CUSTODY

315 F[illegible]ton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Groundwater Sciences Corp.
ADDRESS: 566 Rte 52 Suite 202
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: Dorothy Bergmann
PHONE NO.: 845 896 0288 x14
PROJECT LOCATION: Ben Kingston
PROJECT NUMBER / PO NO.: 93002.36 Routine

REPORT TYPE
STANDARD ☐ ISRA ☑
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER ☐ Full Data Package Deliverables Required

TURNAROUND
☑ NORMAL _____
☐ QUICK _____
☐ VERBAL _____

REPORT # (Lab Use Only)

SAMPLE TEMP. 1.6 °C
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☐ Y ☐ N
CHLORINE (RESIDUAL) ☐ Y ☐ N
REVIEWED BY: _____

NY PUBLIC WATER SUPPLIES
SOURCE ID _____
ELAP TYPE _____
FEDERAL ID _____

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	DO	ANALYSIS REQUESTED
1383	5/27/11	1005		✓	GW	KA407:105276	3	3														8021 Halogenated
	5/27/11	1020		✓	GW	KA297:105276	3	3														8021 Halogenated
	5/27/11	1035		✓	GW	KA288:105276	3	3														8021 Halogenated
	5/27/11	1050		✓	GW	KA306:105276	3	3														8021 Halogenated
	5/27/11	1125		✓	GW	KA585:105276	3	3														8021 Halogenated
	5/27/11	1125		✓	GW	KA585:105270	3	3														8021 Halogenated
	5/27/11	1200		✓	GW	KA78:105276	3	3														8021 Aromatic/Halogenated
	5/27/11	1225		✓	GW	KA269:105276	3	3														8021 Aromatic/Halogenated

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[illegible]	ETL	5/27/11	10:00	Chris Shaw	GSC	5/27/11	12:00
SAMPLED BY /	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[illegible]	GSC				GSC		
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
Chris Shaw	GSC	5-27-11	13:15	[signature]	ETL	5/27/11	13:15

COMMENTS: Invoice to be submitted to GSC for payment
Misc, Rec'd intact + cool to Rep Blank @ 1.6°C

Enviro[illegible]st Laboratories Inc.

CHAIN OF CUSTODY

315 Fu[illegible]on Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Groundwater Sciences Corp
ADDRESS: 560 Rte 52 Suite 202
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: Dorothy Bergmann
PHONE NO.: 845 896 0220 x14
PROJECT LOCATION: IBM Lagrange
PROJECT NUMBER / PO NO.: 93002 30 Routine

REPORT TYPE
STANDARD ☐ ISRA ☑
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER TRRP Higher Level Deliverables Required

TURNAROUND
☑ NORMAL
☐ QUICK
☐ VERBAL

REPORT # (Lab Use Only)

SAMPLE TEMP. 3.0 C
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☐ Y ☐ N
CHLORINE (RESIDUAL) ☐ Y ☐ N
REVIEWED BY:

NY PUBLIC WATER SUPPLIES
SOURCE ID:
ELAP TYPE:
FEDERAL ID:

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	DO		ANALYSIS REQUESTED
	6/1/11	NA		✓	AQ	TRIPBLANK01	2	2															8021 BTEX Freon
	6/1/11	947		✓	GW	MW-1	3	3															8021 BTEX Freon
	6/1/11	1000		✓	GW	MW-11	3	3															8021 BTEX Freon
	6/1/11	1025		✓	GW	MW-2	5	3		2													8021 BTEX Freon PCB's
	6/1/11	1045		✓	GW	MW-4	3	3															8021 BTEX Freon
	6/1/11	1100		✓	GW	MW-9	3	3															8021 BTEX Freon
	6/1/11	1117		✓	GW	MW-7	3	3															8021 BTEX Freon
	6/1/11	1132		✓	GW	MW-6	3	3															8021 BTEX Freon
	6/1/11	1147		✓	GW	MW-12	3	3															8021 BTEX Freon
	6/1/11	1210		✓	GW	MW-5	3	3															8021 BTEX Freon
	6/1/11	1223		✓	GW	MW-8	3	3															8021 BTEX Freon
	6/1/11	1237		✓	GW	MW-3	3	3															8021 BTEX Freon

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[illegible]	ETL	[illegible]	[illegible]	[illegible]	GSC	6/1/11	1:00
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
CJS	CJS			CJS			
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
Chris Shamon	GSC	6/1/11	900	[signature]	ETL	6/1/11	1:00

COMMENTS: Invoice to be submitted to GSC for payment
All Samples recvd intact + good condition Temp. Blank @ 3.0 C

Enviro Test Laboratories Inc.

CHAIN OF CUSTODY

315 Fu[illegible]on Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Geo. Water Drilling Co.
ADDRESS: 560 Rte 32 Suite 202
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: Dorothy Bergman
PHONE NO.: 24[illegible] 8460238x14
PROJECT LOCATION: IBM Kingston
PROJECT NUMBER/ PO NO.: 93002 30 Routine

REPORT TYPE
STANDARD ☐ ISRA ☑
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER II Ultimate special Deliverables Required

TURNAROUND
☑ NORMAL _____
☐ QUICK _____
☐ VERBAL _____

REPORT # (Lab Use Only)

SAMPLE TEMP: 3.5 °C
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☐ Y ☐ N
CHLORINE (RESIDUAL) ☐ Y ☐ N
REVIEWED BY: _____

NY PUBLIC WATER SUPPLIES
SOURCE ID _____
ELAP TYPE _____
FEDERAL ID _____

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	DO	ANALYSIS REQUESTED
LAB USE ONLY	5/31/11	1255		✓	GW	KA[illegible]0[illegible]4 10531G	4	3				1										8021 Btex Ppm Pb (200.7)
	5/31/11	1320		✓	GW	[illegible]0116 10531G	4	3				1										8021 Btex Ppm Pb (200.7)
	5/31/11	1340		✓	GW	[illegible]0116 10531G	4	3				1										8021 Btex Ppm Pb (200.7)
	5/31/11	1400		✓	GW	[illegible]0116 10531G	4	3				1										8021 Btex Ppm Pb (200.7)
	5/31/11	1421		✓	GW	[illegible]0504 10531G	3	3														8021 Btex Ppm
	5/31/11	1446		✓	GW	[illegible]0610 10531G	3	3														8021 Btex Ppm

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[illegible]	ETL	[illegible]	[illegible]	Chris Shanna	GSC	5/25/11	1200
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
CJS	CJS			CJS			
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
Chris Shanna	GSC	6/1/11	900	[illegible]	ETL	6/1/11	9:00

COMMENTS: Invoice to be submitted to GSC for payment
All Samples recvd intact & good Cond. Cool Temp Blank @ 3.2 RLB

Enviro[illegible]st Laboratories Inc.

CHAIN OF CUSTODY

315 Fu[illegible]on Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Groundwater Science Corp
ADDRESS: 560 Rte 52 Suite 202
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: Dorothy Bergmann
PHONE NO.: 845 896 0281 x14
PROJECT LOCATION: IBM Kingston
PROJECT NUMBER / PO NO.: 13002 30 Routine

REPORT TYPE
STANDARD ☐ ISRA ☑
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER Trim Kingston Special
Deliverables Required

TURNAROUND
☑ NORMAL
☐ QUICK _____
☐ VERBAL _____

REPORT # (Lab Use Only)

SAMPLE TEMP. 1.7 C
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☐ Y ☐ N
CHLORINE (RESIDUAL) ☐ Y ☐ N
REVIEWED BY: _____

NY PUBLIC WATER SUPPLIES
SOURCE ID _____
ELAP TYPE _____
FEDERAL ID _____

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	DO	ANALYSIS REQUESTED
	6/2/11	NA		✓	AQ	KTBCC6020603	2	2														8021 B Hall From
	6/2/11	912		✓	GW	KG172S1060 2G	3	3														8021 B Hall From
	6/2/11	1055		✓	GW	KG125S1060 2G	4	3				1										8021 B Hall From, Pb (239.2)
	6/2/11	1007		✓	GW	KG210S1060 2G	5	3		1		1										8021 B Hall From Total Phenol, Arsenic, Cadmium, Lead, Silver
	6/2/11	1030		✓	GW	KG402S1060 2G	3	3														8021 B Hall From
	6/2/11	1045		✓	GW	KG MWA1 060 2G	3	3														8021 B Hall From
	6/2/11	1205		✓	GW	KG102R1060 2G	4	3				1										8021 B Hall From Pb (239.2)
	6/2/11	1125		✓	GW	KG122S1060 2G	4	3				1										8021 B Hall From Pb (239.2)
	6/2/11	1230		✓	GW	KG206S1060 2G	5	3		1		1										8021 B Hall From Total Phenol, Arsenic, Cadmium, Lead, Silver
	6/2/11	1300		✓	GW	KG612S1060 2G	5	3		1		1										8021 B Hall From, Total Phenol, Arsenic, Cadmium, Lead, Silver

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[illegible]	E2L	[illegible]	[illegible]	Chris Shannon	GSC	5.25.11	1200
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
Chris Shannon	GSC	6-2-11	14.10	[signature]	GSC	6/2/11	1410

COMMENTS: Invoice to be submitted to GSC for Payment
All Samples Received Intact + good Condition Temp Blank @ 1.7°C

Enviro[illegible]ost Laboratories Inc.

CHAIN OF CUSTODY

315 Fu[illegible]on Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Groundwater Sciences Corp
ADDRESS: 560 Rte 52 Suite 102
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: Dorothy Bergmann PHONE NO.: 845 896 0288 x14
PROJECT LOCATION: IBM Kingston
PROJECT NUMBER / PO NO.: 93002 30 Routine

REPORT TYPE
STANDARD ☐ ISRA ☑
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER IBM Kingston Special Deliverable Required

TURNAROUND
☑ NORMAL _____
☐ QUICK _____
☐ VERBAL _____

REPORT # (Lab Use Only)

SAMPLE TEMP 1.7 C
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☐ Y ☐ N
CHLORINE (RESIDUAL) ☑ Y ☐ N
REVIEWED BY:

NY PUBLIC WATER SUPPLIES
SOURCE ID
ELAP TYPE
FEDERAL ID

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	DO	ANALYSIS REQUESTED
LAB USE ONLY	6/2/11	NA		✓	AQ	FTBD[illegible]20603	2	2														6010, Fe 113-123a 524.2
	6/2/11	900		✓	AQ	KFQ[illegible]2WLID	3	3														8010, Fe 113+123a 524.2
	6/2/11	912		✓	GW	KQ172-[illegible]2D	3	3														8010 Fe 113+123a 524.2
	6/2/11	939		✓	AQ	KFQ[illegible]2WLID	3	3														8010, Fe 113+123a 524.2
	6/2/11	1007		✓	GW	KQ21[illegible]2D	3	3														8010 Fe 113+123a 524.2

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[illegible]	ETL	5/25/11	1200	Chris Shannon	GSC	5-25-11	1200
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
Chris Shannon	GSC	6-2-11	1410	[illegible]	ETL	6/2/11	1910

COMMENTS Invoice to be submitted to GSC for payment
All samples received intact & good condition Temp Blank @ 1.7°C

NYSDOH 10142 NJDEP NY015 CTDOPH PH-0554 EPA NY00049

Enviro Test Laboratories Inc.

CHAIN OF CUSTODY

315 Fu on Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: Groundwater Sciences Corp
ADDRESS: 560 Rt 52 Suite 202
CITY, STATE, ZIP: Beacon NY 12508
NAME OF CONTACT: Dorothy Bergmann
PHONE NO.: 845 896 0116 x 14
PROJECT LOCATION: TBM Kingston
PROJECT NUMBER / PO NO.: 93002 30 Routine

REPORT TYPE
STANDARD ☐ ISRA ☑
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER TIM Log for Spread Deliverable Required

TURNAROUND
☑ NORMAL
☐ QUICK
☐ VERBAL

REPORT # (Lab Use Only)

SAMPLE TEMP: 2.1 C
SAMPLE REC'D ON ICE ☑ Y ☐ N
ph CHECK ☐ Y ☐ N
CHLORINE (RESIDUAL) ☐ Y ☐ N
REVIEWED BY:

NY PUBLIC WATER SUPPLIES
SOURCE ID:
ELAP TYPE:
FEDERAL ID:

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

ETL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	250ml Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Plastic NAOH/ZN ACC	40ml Glass Sulfuric	40ml Glass	DO	ANALYSIS REQUESTED
	6/1/11	NA		✓	AQ	TRIP BLANK	2	2														8021 BTEX From
	6/1/11	555		✓	GW	[illegible]	13	9		3		1										8021 BTEX From Total Phenols, Arsenic, Cadmium, Lead, Silver
	6/1/11	814		✓	AQ	FIELD BLANK	3	3														8021 BTEX From
SEE NEXT	6/1/11	915		✓	GW	[illegible]	5	3		1		1										8021 BTEX From Total Phenols, Arsenic, Cadmium, Lead, Silver
	6/1/11	915		✓	GW	[illegible]	5	3		1		1										8021 BTEX From Total Phenols, Arsenic, Cadmium, Lead, Silver
	6/1/11	958		✓	GW	[illegible]	5	3		1		1										8021 BTEX From Total Phenols, Arsenic, Cadmium, Lead, Silver
	6/1/11	1030		✓	GW	[illegible]	5	3		1		1										8021 BTEX From Total Phenols, Arsenic, Cadmium, Lead, Silver
LAB USE ONLY																						

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ETL TERMS AND CONDITIONS OF SALE UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[illegible]	ETL	[illegible]	[illegible]	Chris Shannon	GSC	6-2-11	1200
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
RELINQUISHED BY: Chris Shannon	COMPANY: GSC	DATE: 6/3/11	TIME: 12:50	RECEIVED BY: [illegible]	COMPANY: ETL	DATE: 6/3/11	TIME: 1250

COMMENTS: Invoice to be submitted to GSC for payment
* Extra Samples Collected for MS/MSD
All samples received intact & good Condition Temp Blank = 2.1°C

Appendix C

Groundwater Elevation Table

Kingston Site
2011 Water Level Data

Well	Elevation	01/06/11		05/06/11	
	TOC	DTW	GWE	DTW	GWE
MW-001-R	**150.93**	8.20	142.73	6.31	144.62
MW-003-S	**173.03**	4.35	168.68	3.00	170.03
MW-004-R	**176.08**	8.21	167.87	8.10	167.98
MW-004-S	**172.74**	3.99	168.75	1.64	171.10
MW-006-S	**172.69**	6.72	165.97	4.59	168.10
MW-008-S	**179.43**	10.00	169.43	8.13	171.30
MW-010-S	**176.94**	7.31	169.63	2.98	173.96
MW-101-R	**179.31**	N.M.		N.M.	
MW-102-R	**183.93**	42.41	141.52	27.61	156.32
MW-102-S	**146.98**	N.M.		12.33	134.65
MW-104-S	**168.01**	17.43	150.58	16.10	151.91
MW-105-S	**168.07**	20.83	147.24	19.61	148.46
MW-106-S	**152.00**	5.86	146.14	3.18	148.82
MW-107-S	**173.53**	11.51	162.02	9.52	164.01
MW-108-S	**177.26**	7.51	169.75	4.43	172.83
MW-109-S	**174.53**	7.80	166.73	5.67	168.86
MW-110-SA	**180.15**	10.75	169.40	9.33	170.82
MW-111-S	**179.39**	9.93	169.46	8.48	170.91
MW-112-S	**180.16**	10.02	170.14	8.93	171.23
MW-113-S	**180.03**	10.35	169.68	8.86	171.17
MW-114-S	**176.92**	6.89	170.03	5.50	171.42
MW-115-S	**181.20**	9.61	171.59	8.23	172.97
MW-116-S	**181.28**	8.66	172.62	7.24	174.04
MW-117-S	**180.75**	6.60	174.15	5.09	175.66
MW-118-S	**182.96**	7.54	175.42	6.02	176.94
MW-119-S	**183.87**	8.33	175.54	6.94	176.93
MW-120-S	**185.20**	9.61	175.59	8.26	176.94
MW-122-S	**183.62**	5.42	178.20	4.18	179.44
MW-123-SA	**178.21**	3.81	174.40	3.51	174.70
MW-124-S	**179.14**	7.00	172.14	5.61	173.53
MW-125-S	**173.88**	12.35	161.53	8.46	165.42
MW-126-S	**180.64**	9.11	171.53	8.22	172.42
MW-161-S	**183.36**	5.02	178.34	3.39	179.97
MW-162-S	**184.36**	6.75	177.61	5.42	178.94
MW-163-S	**185.65**	8.76	176.89	7.25	178.40
MW-164-S	**182.31**	8.15	174.16	7.25	175.06
MW-169-S	**180.08**	10.72	169.36	8.89	171.19
MW-170-S	**174.36**	6.70	167.66	4.31	170.05
MW-171-S	**172.51**	3.88	168.63	3.90	168.61
MW-172-S	**171.68**	3.70	167.98	1.38	170.30
MW-173-S	**179.83**	10.88	168.95	8.96	170.87
MW-174-S	**179.89**	10.94	168.95	8.90	170.99
MW-175-S	**179.99**	10.41	169.58	8.69	171.30
MW-176-S	**177.55**	8.00	169.55	6.30	171.25
MW-177-S	**179.30**	9.80	169.50	8.09	171.21
MW-178-S	**179.29**	10.01	169.28	8.93	170.36
MW-180-S	**179.45**	6.90	172.55	5.88	173.57
MW-181-S	**177.38**	7.94	169.44	6.30	171.08
MW-182-S	**180.09**	10.30	169.79	8.72	171.37
MW-183-S	**174.38**	3.99	170.39	3.39	170.99
MW-184-SA	**171.30**	10.47	160.83	8.70	162.60
MW-185-SA	**176.88**	16.75	160.13	14.65	162.23
MW-186-S	**172.60**	4.07	168.53	2.92	169.68
MW-187-S	**170.82**	2.95	167.87	1.38	169.44
MW-188-S	**174.59**	7.70	166.89	5.58	169.01
MW-189-S	**175.52**	6.02	169.50	4.80	170.72
MW-201-S	**177.00**	9.25	167.75	6.74	170.26
MW-202-S	**173.29**	7.28	166.01	5.39	167.90
MW-203-S	**175.16**	Dry		11.57	163.59
MW-204-S	**173.93**	7.91	166.02	6.50	167.43
MW-206-S	**152.42**	7.53	144.89	5.38	147.04
MW-208-S	**152.31**	8.00	144.31	5.99	146.32
MW-209-S	**152.02**	8.20	143.82	6.23	145.79
MW-210-S	**151.99**	9.09	142.90	7.70	144.29
MW-232-M	**180.94**	10.71	170.23	9.25	171.69
MW-232-S	**181.03**	10.79	170.24	9.35	171.68
MW-250-M	**178.09**	4.89	173.20	4.01	174.08
MW-261-S	**178.85**	N.M.		N.M.	
MW-267-S	**178.77**	N.M.		N.M.	
MW-269-S	**180.89**	10.87	170.02	9.64	171.25
MW-270-S	**180.48**	12.22	168.26	11.80	168.68
MW-274-S	**177.71**	7.30	170.41	5.75	171.96

Kingston Site
2011 Water Level Data

Well	Elevation TOC	01/06/11 DTW	01/06/11 GWE	05/06/11 DTW	05/06/11 GWE
MW-277-S	**180.33**	10.20	170.13	8.68	171.65
MW-278-S	**180.48**	12.15	168.33	11.01	169.47
MW-279-S	**180.23**	10.65	169.58	9.18	171.05
MW-282-S	**176.63**	6.77	169.86	6.60	170.03
MW-284-S	**174.77**	8.08	166.69	7.22	167.55
MW-285-S	**180.46**	10.31	170.15	8.79	171.67
MW-288-S	**180.22**	10.34	169.88	8.74	171.48
MW-297-S	**180.07**	10.50	169.57	8.96	171.11
MW-402-S	**173.94**	17.64	156.30	13.45	160.49
MW-403-S	**176.89**	Dry		14.52	162.37
MW-404-S	**171.17**	4.54	166.63	2.73	168.44
MW-405-S	**174.93**	6.23	168.70	4.11	170.82
MW-406-S	**175.85**	8.55	167.30	6.17	169.68
MW-407-S	**176.66**	8.41	168.25	6.00	170.66
MW-502-S	**180.90**	6.60	174.30	5.22	175.68
MW-503-S	**180.71**	8.10	172.61	6.52	174.19
MW-504-S	**177.11**	4.20	172.91	3.04	174.07
MW-505-S	**179.08**	7.63	171.45	6.38	172.70
MW-506-S	**180.14**	9.68	170.46	8.23	171.91
MW-507-S	**178.61**	N.M.		N.M.	
MW-508-SA	**169.89**	8.65	161.24	6.36	163.53
MW-601-S	**177.65**	7.55	170.10	6.01	171.64
MW-602-S	**180.25**	10.00	170.25	8.50	171.75
MW-603-S	**174.74**	5.50	169.24	3.81	170.93
MW-604-S	**175.93**	7.68	168.25	6.00	169.93
MW-605-S	**176.06**	8.62	167.44	7.20	168.86
MW-607-S	**175.78**	Dry		Dry	
MW-608-S	**170.23**	8.77	161.46	7.03	163.20
MW-609-S	**178.58**	9.50	169.08	7.26	171.32
MW-610-S	**181.16**	11.04	170.12	9.40	171.76
MW-612-S	**156.22**	10.23	145.99	7.40	148.82
MW-801-S	**152.27**	6.62	145.65	4.20	148.07
MW-802-S	**153.42**	7.30	146.12	4.90	148.52
MW-804-S	**152.74**	7.23	145.51	5.01	147.73
MW-806-S	**176.49**	3.72	172.77	2.51	173.98
MW-807-S	**177.63**	7.08	170.55	5.89	171.74
MW-810	**145.03**	3.42	141.61	2.42	142.61
MW-811S	**144.93**	3.71	141.22	2.40	142.53
MW-812	**146.73**	7.60	139.13	6.85	139.88
MW-814	**151.70**	8.45	143.25	6.66	145.04
MW-815	**156.30**	10.10	146.20	7.23	149.07
MW-816	**161.40**	12.26	149.14	9.45	151.95
MW-817	**160.53**	11.46	149.07	8.89	151.64
MW-819	**154.79**	6.81	147.98	3.30	151.49
MW-821	**154.70**	7.88	146.82	4.41	150.29
MW-A	**172.34**	7.85	164.49	8.50	163.84
TMP-6	**177.51**	9.26	168.25	8.25	169.26
TMP-7	**180.08**	10.75	169.33	9.39	170.69
TMP-8	**177.50**	8.20	169.30	6.91	170.59

M.E. Measurement Error
N.M. Not Measured

Appendix D

Groundwater Withdrawal Data Table

(GWCS and NPLA)

Former IBM Kingston Site
Groundwater Collection System and North Parking Lot Area Extraction Data
Last Updated: *September 6, 2011*

Date	NPLA PS1 & PS2 Daily Flow (gal)	Average Pumping Rate (NPLA) (gpm)	Total GWCS Daily Flow (gal)	Average Pumping Rate (GWCS) (gpm)	Average Daily Flow Treatment System (gal)	Average Pumping Rate Treatment Sys (gpm)	Cumulative Gallons Pumped (NPLA only)	Cumulative Gallons Pumped (GWCS only)	Cumulative Gallons Pumped (Overall)
01-Jan-11	2,939	2.0	45,625	31.7	48,564	33.7	26,488,129	382,218,685	408,706,814
02-Jan-11	1,520	1.1	45,253	31.4	46,773	32.5	26,489,649	382,263,938	408,753,587
03-Jan-11	2,718	1.9	45,390	31.5	48,108	33.4	26,492,367	382,309,328	408,801,695
04-Jan-11	2,516	1.7	45,337	31.5	47,853	33.2	26,494,883	382,354,665	408,849,548
05-Jan-11	2,242	1.6	44,615	31.0	46,857	32.5	26,497,125	382,399,280	408,896,405
06-Jan-11	2,226	1.5	44,490	30.9	46,716	32.4	26,499,351	382,443,770	408,943,121
07-Jan-11	2,046	1.4	44,033	30.6	46,079	32.0	26,501,397	382,487,803	408,989,200
08-Jan-11	2,016	1.4	43,827	30.4	45,843	31.8	26,503,413	382,531,630	409,035,043
09-Jan-11	2,295	1.6	43,049	29.9	45,344	31.5	26,505,708	382,574,679	409,080,387
10-Jan-11	1,571	1.1	42,872	29.8	44,443	30.9	26,507,279	382,617,551	409,124,830
11-Jan-11	2,665	1.9	43,347	30.1	46,012	32.0	26,509,944	382,660,898	409,170,842
12-Jan-11	1,894	1.3	42,615	29.6	44,509	30.9	26,511,838	382,703,513	409,215,351
13-Jan-11	1,843	1.3	42,324	29.4	44,167	30.7	26,513,681	382,745,837	409,259,518
14-Jan-11	1,886	1.3	41,690	29.0	43,576	30.3	26,515,567	382,787,527	409,303,094
15-Jan-11	2,027	1.4	42,343	29.4	44,370	30.8	26,517,594	382,829,870	409,347,464
16-Jan-11	1,983	1.4	41,327	28.7	43,310	30.1	26,519,577	382,871,197	409,390,774
17-Jan-11	1,951	1.4	40,954	28.4	42,905	29.8	26,521,528	382,912,151	409,433,679
18-Jan-11	2,342	1.6	41,559	28.9	43,901	30.5	26,523,870	382,953,710	409,477,580
19-Jan-11	1,929	1.3	40,450	28.1	42,379	29.4	26,525,799	382,994,160	409,519,959
20-Jan-11	2,042	1.4	40,950	28.4	42,992	29.9	26,527,841	383,035,110	409,562,951
21-Jan-11	1,756	1.2	40,169	27.9	41,925	29.1	26,529,597	383,075,279	409,604,876
22-Jan-11	1,710	1.2	40,630	28.2	42,340	29.4	26,531,307	383,115,909	409,647,216
23-Jan-11	1,738	1.2	39,865	27.7	41,603	28.9	26,533,045	383,155,774	409,688,819
24-Jan-11	1,651	1.1	39,640	27.5	41,291	28.7	26,534,696	383,195,414	409,730,110
25-Jan-11	1,587	1.1	39,356	27.3	40,943	28.4	26,536,283	383,234,770	409,771,053
26-Jan-11	1,772	1.2	40,174	27.9	41,946	29.1	26,538,055	383,274,944	409,812,999
27-Jan-11	1,979	1.4	39,406	27.4	41,385	28.7	26,540,034	383,314,350	409,854,384
28-Jan-11	1,846	1.3	39,018	27.1	40,864	28.4	26,541,880	383,353,368	409,895,248
29-Jan-11	1,622	1.1	38,921	27.0	40,543	28.2	26,543,502	383,392,289	409,935,791
30-Jan-11	1,717	1.2	38,058	26.4	39,775	27.6	26,545,219	383,430,347	409,975,566
31-Jan-11	1,641	1.1	38,586	26.8	40,227	27.9	26,546,860	383,468,933	410,015,793
01-Feb-11	1,597	1.1	38,569	26.8	40,166	27.9	26,548,457	383,507,502	410,055,959
02-Feb-11	1,520	1.1	38,366	26.6	39,886	27.7	26,549,977	383,545,868	410,095,845
03-Feb-11	1,568	1.1	38,289	26.6	39,857	27.7	26,551,545	383,584,157	410,135,702
04-Feb-11	1,410	1.0	37,965	26.4	39,375	27.3	26,552,955	383,622,122	410,175,077
05-Feb-11	2,751	1.9	39,079	27.1	41,830	29.0	26,555,706	383,661,201	410,216,907
06-Feb-11	2,261	1.6	37,613	26.1	39,874	27.7	26,557,967	383,698,814	410,256,781

Former IBM Kingston Site
Groundwater Collection System and North Parking Lot Area Extraction Data
Last Updated: *September 6, 2011*

Date	NPLA PS1 & PS2 Daily Flow (gal)	Average Pumping Rate (NPLA) (gpm)	Total GWCS Daily Flow (gal)	Average Pumping Rate (GWCS) (gpm)	Average Daily Flow Treatment System (gal)	Average Pumping Rate Treatment Sys (gpm)	Cumulative Gallons Pumped (NPLA only)	Cumulative Gallons Pumped (GWCS only)	Cumulative Gallons Pumped (Overall)
07-Feb-11	2,493	1.7	38,909	27.0	41,402	28.8	26,560,460	383,737,723	410,298,183
08-Feb-11	2,149	1.5	37,653	26.1	39,802	27.6	26,562,609	383,775,376	410,337,985
09-Feb-11	1,877	1.3	38,224	26.5	40,101	27.8	26,564,486	383,813,600	410,378,086
10-Feb-11	2,022	1.4	37,751	26.2	39,773	27.6	26,566,508	383,851,351	410,417,859
11-Feb-11	1,955	1.4	38,165	26.5	40,120	27.9	26,568,463	383,889,516	410,457,979
12-Feb-11	1,840	1.3	37,007	25.7	38,847	27.0	26,570,303	383,926,523	410,496,826
13-Feb-11	3,128	2.2	38,297	26.6	41,425	28.8	26,573,431	383,964,820	410,538,251
14-Feb-11	2,387	1.7	37,267	25.9	39,654	27.5	26,575,818	384,002,087	410,577,905
15-Feb-11	2,293	1.6	37,653	26.1	39,946	27.7	26,578,111	384,039,740	410,617,851
16-Feb-11	2,708	1.9	37,670	26.2	40,378	28.0	26,580,819	384,077,410	410,658,229
17-Feb-11	3,935	2.7	38,085	26.4	42,020	29.2	26,584,754	384,115,495	410,700,249
18-Feb-11	4,674	3.2	39,650	27.5	44,324	30.8	26,589,428	384,155,145	410,744,573
19-Feb-11	4,005	2.8	40,345	28.0	44,350	30.8	26,593,433	384,195,490	410,788,923
20-Feb-11	3,692	2.6	41,913	29.1	45,605	31.7	26,597,125	384,237,403	410,834,528
21-Feb-11	3,732	2.6	42,664	29.6	46,396	32.2	26,600,857	384,280,067	410,880,924
22-Feb-11	3,846	2.7	42,573	29.6	46,419	32.2	26,604,703	384,322,640	410,927,343
23-Feb-11	3,544	2.5	42,935	29.8	46,479	32.3	26,608,247	384,365,575	410,973,822
24-Feb-11	7,486	5.2	43,899	30.5	51,385	35.7	26,615,733	384,409,474	411,025,207
25-Feb-11	5,582	3.9	44,237	30.7	49,819	34.6	26,621,315	384,453,711	411,075,026
26-Feb-11	5,237	3.6	45,602	31.7	50,839	35.3	26,626,552	384,499,313	411,125,865
27-Feb-11	8,291	5.8	46,679	32.4	54,970	38.2	26,634,843	384,545,992	411,180,835
28-Feb-11	7,537	5.2	48,799	33.9	56,336	39.1	26,642,380	384,594,791	411,237,171
01-Mar-11	6,982	4.8	51,595	35.8	58,577	40.7	26,649,362	384,646,386	411,295,748
02-Mar-11	6,238	4.3	52,360	36.4	58,598	40.7	26,655,600	384,698,746	411,354,346
03-Mar-11	5,896	4.1	53,236	37.0	59,132	41.1	26,661,496	384,751,982	411,413,478
04-Mar-11	5,688	4.0	54,230	37.7	59,918	41.6	26,667,184	384,806,212	411,473,396
05-Mar-11	8,233	5.7	56,438	39.2	64,671	44.9	26,675,417	384,862,650	411,538,067
06-Mar-11	11,072	7.7	76,416	53.1	87,488	60.8	26,686,489	384,939,066	411,625,555
07-Mar-11	9,757	6.8	77,853	54.1	87,610	60.8	26,696,246	385,016,919	411,713,165
08-Mar-11	9,525	6.6	77,883	54.1	87,408	60.7	26,705,771	385,094,802	411,800,573
09-Mar-11	9,671	6.7	77,480	53.8	87,151	60.5	26,715,442	385,172,282	411,887,724
10-Mar-11	10,956	7.6	81,862	56.8	92,818	64.5	26,726,398	385,254,144	411,980,542
11-Mar-11	9,723	6.8	83,344	57.9	93,067	64.6	26,736,121	385,337,488	412,073,609
12-Mar-11	9,435	6.6	83,449	58.0	92,884	64.5	26,745,556	385,420,937	412,166,493
13-Mar-11	9,214	6.4	83,465	58.0	92,679	64.4	26,754,770	385,504,402	412,259,172
14-Mar-11	9,094	6.3	83,309	57.9	92,403	64.2	26,763,864	385,587,711	412,351,575

Former IBM Kingston Site
Groundwater Collection System and North Parking Lot Area Extraction Data
Last Updated: *September 6, 2011*

Date	NPLA PS1 & PS2 Daily Flow (gal)	Average Pumping Rate (NPLA) (gpm)	Total GWCS Daily Flow (gal)	Average Pumping Rate (GWCS) (gpm)	Average Daily Flow Treatment System (gal)	Average Pumping Rate Treatment Sys (gpm)	Cumulative Gallons Pumped (NPLA only)	Cumulative Gallons Pumped (GWCS only)	Cumulative Gallons Pumped (Overall)
15-Mar-11	9,009	6.3	83,249	57.8	92,258	64.1	26,772,873	385,670,960	412,443,833
16-Mar-11	8,904	6.2	83,394	57.9	92,298	64.1	26,781,777	385,754,354	412,536,131
17-Mar-11	8,699	6.0	83,336	57.9	92,035	63.9	26,790,476	385,837,690	412,628,166
18-Mar-11	8,492	5.9	83,322	57.9	91,814	63.8	26,798,968	385,921,012	412,719,980
19-Mar-11	8,229	5.7	83,355	57.9	91,584	63.6	26,807,197	386,004,367	412,811,564
20-Mar-11	8,072	5.6	83,337	57.9	91,409	63.5	26,815,269	386,087,704	412,902,973
21-Mar-11	7,718	5.4	79,860	55.5	87,578	60.8	26,822,987	386,167,564	412,990,551
22-Mar-11	7,886	5.5	83,101	57.7	90,987	63.2	26,830,873	386,250,665	413,081,538
23-Mar-11	7,574	5.3	82,687	57.4	90,261	62.7	26,838,447	386,333,352	413,171,799
24-Mar-11	7,052	4.9	82,516	57.3	89,568	62.2	26,845,499	386,415,868	413,261,367
25-Mar-11	6,584	4.6	78,906	54.8	85,490	59.4	26,852,083	386,494,774	413,346,857
26-Mar-11	6,347	4.4	77,728	54.0	84,075	58.4	26,858,430	386,572,502	413,430,932
27-Mar-11	5,807	4.0	76,491	53.1	82,298	57.2	26,864,237	386,648,993	413,513,230
28-Mar-11	5,407	3.8	75,186	52.2	80,593	56.0	26,869,644	386,724,179	413,593,823
29-Mar-11	5,054	3.5	74,041	51.4	79,095	54.9	26,874,698	386,798,220	413,672,918
30-Mar-11	4,803	3.3	73,542	51.1	78,345	54.4	26,879,501	386,871,762	413,751,263
31-Mar-11	4,610	3.2	73,216	50.8	77,826	54.0	26,884,111	386,944,978	413,829,089
01-Apr-11	4,314	3.0	72,837	50.6	77,151	53.6	26,888,425	387,017,815	413,906,240
02-Apr-11	3,906	2.7	72,423	50.3	76,329	53.0	26,892,331	387,090,238	413,982,569
03-Apr-11	3,491	2.4	71,814	49.9	75,305	52.3	26,895,822	387,162,052	414,057,874
04-Apr-11	3,928	2.7	71,998	50.0	75,926	52.7	26,899,750	387,234,050	414,133,800
05-Apr-11	3,701	2.6	71,132	49.4	74,833	52.0	26,903,451	387,305,182	414,208,633
06-Apr-11	3,571	2.5	70,943	49.3	74,514	51.7	26,907,022	387,376,125	414,283,147
07-Apr-11	3,372	2.3	70,525	49.0	73,897	51.3	26,910,394	387,446,650	414,357,044
08-Apr-11	3,199	2.2	69,970	48.6	73,169	50.8	26,913,593	387,516,620	414,430,213
09-Apr-11	3,004	2.1	69,073	48.0	72,077	50.1	26,916,597	387,585,693	414,502,290
10-Apr-11	2,833	2.0	67,470	46.9	70,303	48.8	26,919,430	387,653,163	414,572,593
11-Apr-11	2,469	1.7	59,258	41.2	61,727	42.9	26,921,899	387,712,421	414,634,320
12-Apr-11	5,199	3.6	69,111	48.0	74,310	51.6	26,927,098	387,781,532	414,708,630
13-Apr-11	6,235	4.3	68,153	47.3	74,388	51.7	26,933,333	387,849,685	414,783,018
14-Apr-11	5,450	3.8	65,409	45.4	70,859	49.2	26,938,783	387,915,094	414,853,877
15-Apr-11	5,502	3.8	64,915	45.1	70,417	48.9	26,944,285	387,980,009	414,924,294
16-Apr-11	7,300	5.1	68,603	47.6	75,903	52.7	26,951,585	388,048,612	415,000,197
17-Apr-11	6,321	4.4	70,600	49.0	76,921	53.4	26,957,906	388,119,212	415,077,118
18-Apr-11	6,020	4.2	71,831	49.9	77,851	54.1	26,963,926	388,191,043	415,154,969
19-Apr-11	6,150	4.3	72,212	50.1	78,362	54.4	26,970,076	388,263,255	415,233,331

Former IBM Kingston Site
Groundwater Collection System and North Parking Lot Area Extraction Data
Last Updated: *September 6, 2011*

Date	NPLA PS1 & PS2 Daily Flow (gal)	Average Pumping Rate (NPLA) (gpm)	Total GWCS Daily Flow (gal)	Average Pumping Rate (GWCS) (gpm)	Average Daily Flow Treatment System (gal)	Average Pumping Rate Treatment Sys (gpm)	Cumulative Gallons Pumped (NPLA only)	Cumulative Gallons Pumped (GWCS only)	Cumulative Gallons Pumped (Overall)
20-Apr-11	5,756	4.0	72,462	50.3	78,218	54.3	26,975,832	388,335,717	415,311,549
21-Apr-11	5,655	3.9	72,400	50.3	78,055	54.2	26,981,487	388,408,117	415,389,604
22-Apr-11	5,499	3.8	72,551	50.4	78,050	54.2	26,986,986	388,480,668	415,467,654
23-Apr-11	5,335	3.7	72,795	50.6	78,130	54.3	26,992,321	388,553,463	415,545,784
24-Apr-11	5,095	3.5	72,728	50.5	77,823	54.0	26,997,416	388,626,191	415,623,607
25-Apr-11	5,018	3.5	72,931	50.6	77,949	54.1	27,002,434	388,699,122	415,701,556
26-Apr-11	4,978	3.5	72,836	50.6	77,814	54.0	27,007,412	388,771,958	415,779,370
27-Apr-11	6,602	4.6	73,711	51.2	80,313	55.8	27,014,014	388,845,669	415,859,683
28-Apr-11	10,564	7.3	74,856	52.0	85,420	59.3	27,024,578	388,920,525	415,945,103
29-Apr-11	10,652	7.4	74,903	52.0	85,555	59.4	27,035,230	388,995,428	416,030,658
30-Apr-11	10,447	7.3	74,845	52.0	85,292	59.2	27,045,677	389,070,273	416,115,950
01-May-11	9,503	6.6	74,589	51.8	84,092	58.4	27,055,180	389,144,862	416,200,042
02-May-11	8,662	6.0	74,283	51.6	82,945	57.6	27,063,842	389,219,145	416,282,987
03-May-11	9,055	6.3	74,159	51.5	83,214	57.8	27,072,897	389,293,304	416,366,201
04-May-11	9,065	6.3	75,171	52.2	84,236	58.5	27,081,962	389,368,475	416,450,437
05-May-11	8,390	5.8	74,575	51.8	82,965	57.6	27,090,352	389,443,050	416,533,402
06-May-11	7,755	5.4	73,937	51.3	81,692	56.7	27,098,107	389,516,987	416,615,094
07-May-11	7,325	5.1	73,195	50.8	80,520	55.9	27,105,432	389,590,182	416,695,614
08-May-11	6,878	4.8	72,603	50.4	79,481	55.2	27,112,310	389,662,785	416,775,095
09-May-11	6,460	4.5	72,438	50.3	78,898	54.8	27,118,770	389,735,223	416,853,993
10-May-11	6,193	4.3	72,090	50.1	78,283	54.4	27,124,963	389,807,313	416,932,276
11-May-11	5,901	4.1	71,755	49.8	77,656	53.9	27,130,864	389,879,068	417,009,932
12-May-11	5,976	4.2	71,597	49.7	77,573	53.9	27,136,840	389,950,665	417,087,505
13-May-11	5,401	3.8	71,265	49.5	76,666	53.2	27,142,241	390,021,930	417,164,171
14-May-11	5,448	3.8	71,106	49.4	76,554	53.2	27,147,689	390,093,036	417,240,725
15-May-11	6,410	4.5	70,652	49.1	77,062	53.5	27,154,099	390,163,688	417,317,787
16-May-11	7,148	5.0	70,764	49.1	77,912	54.1	27,161,247	390,234,452	417,395,699
17-May-11	8,022	5.6	70,980	49.3	79,002	54.9	27,169,269	390,305,432	417,474,701
18-May-11	8,676	6.0	74,141	51.5	82,817	57.5	27,177,945	390,379,573	417,557,518
19-May-11	8,093	5.6	79,329	55.1	87,422	60.7	27,186,038	390,458,902	417,644,940
20-May-11	7,988	5.5	80,932	56.2	88,920	61.8	27,194,026	390,539,834	417,733,860
21-May-11	7,791	5.4	81,198	56.4	88,989	61.8	27,201,817	390,621,032	417,822,849
22-May-11	7,731	5.4	81,255	56.4	88,986	61.8	27,209,548	390,702,287	417,911,835
23-May-11	7,479	5.2	80,540	55.9	88,019	61.1	27,217,027	390,782,827	417,999,854
24-May-11	6,981	4.8	78,832	54.7	85,813	59.6	27,224,008	390,861,659	418,085,667
25-May-11	7,083	4.9	77,866	54.1	84,949	59.0	27,231,091	390,939,525	418,170,616

Former IBM Kingston Site
Groundwater Collection System and North Parking Lot Area Extraction Data
Last Updated: *September 6, 2011*

Date	NPLA PS1 & PS2 Daily Flow (gal)	Average Pumping Rate (NPLA) (gpm)	Total GWCS Daily Flow (gal)	Average Pumping Rate (GWCS) (gpm)	Average Daily Flow Treatment System (gal)	Average Pumping Rate Treatment Sys (gpm)	Cumulative Gallons Pumped (NPLA only)	Cumulative Gallons Pumped (GWCS only)	Cumulative Gallons Pumped (Overall)
26-May-11	6,971	4.8	76,638	53.2	83,609	58.1	27,238,062	391,016,163	418,254,225
27-May-11	6,892	4.8	75,460	52.4	82,352	57.2	27,244,954	391,091,623	418,336,577
28-May-11	6,755	4.7	74,449	51.7	81,204	56.4	27,251,709	391,166,072	418,417,781
29-May-11	6,909	4.8	73,645	51.1	80,554	55.9	27,258,618	391,239,717	418,498,335
30-May-11	6,767	4.7	73,038	50.7	79,805	55.4	27,265,385	391,312,755	418,578,140
31-May-11	6,160	4.3	72,775	50.5	78,935	54.8	27,271,545	391,385,530	418,657,075
01-Jun-11	5,441	3.8	72,441	50.3	77,882	54.1	27,276,986	391,457,971	418,734,957
02-Jun-11	5,102	3.5	72,149	50.1	77,251	53.6	27,282,088	391,530,120	418,812,208
03-Jun-11	4,722	3.3	72,033	50.0	76,755	53.3	27,286,810	391,602,153	418,888,963
04-Jun-11	4,969	3.5	71,726	49.8	76,695	53.3	27,291,779	391,673,879	418,965,658
05-Jun-11	6,048	4.2	71,628	49.7	77,676	53.9	27,297,827	391,745,507	419,043,334
06-Jun-11	4,797	3.3	71,337	49.5	76,134	52.9	27,302,624	391,816,844	419,119,468
07-Jun-11	4,484	3.1	70,940	49.3	75,424	52.4	27,307,108	391,887,784	419,194,892
08-Jun-11	4,144	2.9	70,567	49.0	74,711	51.9	27,311,252	391,958,351	419,269,603
09-Jun-11	3,976	2.8	70,313	48.8	74,289	51.6	27,315,228	392,028,664	419,343,892
10-Jun-11	6,218	4.3	69,908	48.5	76,126	52.9	27,321,446	392,098,572	419,420,018
11-Jun-11	4,888	3.4	69,862	48.5	74,750	51.9	27,326,334	392,168,434	419,494,768
12-Jun-11	4,101	2.8	69,461	48.2	73,562	51.1	27,330,435	392,237,895	419,568,330
13-Jun-11	3,481	2.4	69,321	48.1	72,802	50.6	27,333,916	392,307,216	419,641,132
14-Jun-11	5,715	4.0	68,509	47.6	74,224	51.5	27,339,631	392,375,725	419,715,356
15-Jun-11	4,310	3.0	67,069	46.6	71,379	49.6	27,343,941	392,442,794	419,786,735
16-Jun-11	4,014	2.8	67,160	46.6	71,174	49.4	27,347,955	392,509,954	419,857,909
17-Jun-11	3,404	2.4	67,022	46.5	70,426	48.9	27,351,359	392,576,976	419,928,335
18-Jun-11	3,427	2.4	66,561	46.2	69,988	48.6	27,354,786	392,643,537	419,998,323
19-Jun-11	3,076	2.1	65,634	45.6	68,710	47.7	27,357,862	392,709,171	420,067,033
20-Jun-11	2,923	2.0	65,235	45.3	68,158	47.3	27,360,785	392,774,406	420,135,191
21-Jun-11	4,956	3.4	64,798	45.0	69,754	48.4	27,365,741	392,839,204	420,204,945
22-Jun-11	6,451	4.5	65,246	45.3	71,697	49.8	27,372,192	392,904,450	420,276,642
23-Jun-11	4,473	3.1	66,912	46.5	71,385	49.6	27,376,665	392,971,362	420,348,027
24-Jun-11	3,845	2.7	67,365	46.8	71,210	49.5	27,380,510	393,038,727	420,419,237
25-Jun-11	3,531	2.5	66,860	46.4	70,391	48.9	27,384,041	393,105,587	420,489,628
26-Jun-11	3,322	2.3	66,419	46.1	69,741	48.4	27,387,363	393,172,006	420,559,369
27-Jun-11	4,451	3.1	66,307	46.0	70,758	49.1	27,391,814	393,238,313	420,630,127
28-Jun-11	5,165	3.6	66,455	46.1	71,620	49.7	27,396,979	393,304,768	420,701,747
29-Jun-11	3,572	2.5	66,872	46.4	70,444	48.9	27,400,551	393,371,640	420,772,191
30-Jun-11	2,919	2.0	66,517	46.2	69,436	48.2	27,403,470	393,438,157	420,841,627

Appendix E

Groundwater Extraction and

Treatment System Effluent Data Report including Flux Calculations

Former IBM Kingston Facility
Groundwater Treatment Effectiveness Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		GWCS UP AS	GWCS UP AS	GWCS UP AS	GWCS UP AS	GWCS UP AS	GWCS UP AS
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		01/06/11	01/13/11	02/04/11	02/10/11	03/03/11	03/10/11
LABORATORY SAMPLE I.D.		420-40840-3	420-40967-2	420-41394-3	420-41541-2	420-41984-3	420-42162-2
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL SUSPENDED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
METALS							
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
VOLATILE ORGANICS							
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	39D	60	64	57	66	44
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	19	19	19	19	22	13
1,1-DICHLOROETHYLENE	ug/l	11	14	13	13	12	9.6
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	1.1	ND@1	1.1	ND@1	1.0	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	43D	37	44	35	60	35
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ACROLEIN	ug/l	ND@5	ND@5	ND@5	ND@5	ND@5	ND@5
ACRYLONITRILE	ug/l	ND@5	ND@5	ND@5	ND@5	ND@5	ND@5
BENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

Former IBM Kingston Facility
Groundwater Treatment Effectiveness Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		GWCS UP AS	GWCS UP AS	GWCS UP AS	GWCS UP AS	GWCS UP AS	GWCS UP AS
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		01/06/11	01/13/11	02/04/11	02/10/11	03/03/11	03/10/11
LABORATORY SAMPLE I.D.		420-40840-3	420-40967-2	420-41394-3	420-41541-2	420-41984-3	420-42162-2
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
VOLATILE ORGANICS (Continued)							
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	2.3	1.7	1.8	1.5	2.4	1.5
TOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	84D	80	91	78	110D	73
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

Former IBM Kingston Facility
Groundwater Treatment Effectiveness Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		GWCS UP AS	GWCS UP AS	GWCS UP AS	GWCS UP AS	GWCS UP AS	GWCS UP AS
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		04/07/11	04/14/11	05/04/11	05/12/11	06/02/11	06/09/11
LABORATORY SAMPLE I.D.		420-42822-3	420-43003-2	420-43478-3	420-43679-2	420-44207-3	420-44457-2
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL SUSPENDED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
METALS							
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
VOLATILE ORGANICS							
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	54	56	64	61	40D	69
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	16	16	17	18	17	20
1,1-DICHLOROETHYLENE	ug/l	11	12	13	13	13	14
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	1.2
1,2-DICHLOROETHYLENE, TOTAL	ug/l	44	45	51	48	49	53
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ACROLEIN	ug/l	ND@5	ND@5	ND@5	ND@5	ND@5	ND@5
ACRYLONITRILE	ug/l	ND@5	ND@5	ND@5	ND@5	ND@5	ND@5
BENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

Former IBM Kingston Facility
Groundwater Treatment Effectiveness Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		GWCS UP AS	GWCS UP AS	GWCS UP AS	GWCS UP AS	GWCS UP AS	GWCS UP AS
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		04/07/11	04/14/11	05/04/11	05/12/11	06/02/11	06/09/11
LABORATORY SAMPLE I.D.		420-42822-3	420-43003-2	420-43478-3	420-43679-2	420-44207-3	420-44457-2
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
VOLATILE ORGANICS (Continued)							
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	1.6	1.7	1.9	1.7	1.8	2.8
TOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	67D	68D	78D	79D	80D	130D
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

Former IBM Kingston Facility
Groundwater Treatment Effectiveness Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		NPLA INFL	NPLA INFL	NPLA INFL	NPLA INFL	NPLA INFL	NPLA INFL
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		01/06/11	02/04/11	03/03/11	04/07/11	05/04/11	06/02/11
LABORATORY SAMPLE I.D.		420-40840-2	420-41394-2	420-41984-2	420-42822-2	420-43478-2	420-44207-2
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
INDICATOR PARAMETERS							
PH	pH	NA	NA	NA	NA	NA	NA
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
TOTAL SUSPENDED SOLIDS	mg/l	NA	NA	NA	NA	NA	NA
METALS							
LEAD, TOTAL	mg/l	NA	NA	NA	NA	NA	NA
VOLATILE ORGANICS							
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	28	3.8	1.5	27	62	50
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	9.9	16
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	12	1.3	ND@1	3.7	6.3	8.1
1,1-DICHLOROETHYLENE	ug/l	2.0	ND@1	ND@1	1.3	2.9	3.2
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	45D	5.2	2.8	12	27	41
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ACROLEIN	ug/l	ND@5	ND@5	ND@5	ND@5	ND@5	ND@5
ACRYLONITRILE	ug/l	ND@5	ND@5	ND@5	ND@5	ND@5	ND@5
BENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

Former IBM Kingston Facility
Groundwater Treatment Effectiveness Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		NPLA INFL	NPLA INFL	NPLA INFL	NPLA INFL	NPLA INFL	NPLA INFL
SAMPLE DESCRIPTION		GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER	GROUNDWATER
SAMPLE DATE		01/06/11	02/04/11	03/03/11	04/07/11	05/04/11	06/02/11
LABORATORY SAMPLE I.D.		420-40840-2	420-41394-2	420-41984-2	420-42822-2	420-43478-2	420-44207-2
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
VOLATILE ORGANICS (Continued)							
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	2.9	3.7	1.6	2.0	2.0	2.9
TOLUENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	41	8.6	13	37	380D	750D
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@1	ND@1	ND@1	ND@1	ND@1	ND@1

Former IBM Kingston Facility
Groundwater Treatment Effectiveness Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		SPDES OF 01A	SPDES OF 01A	SPDES OF 01A	SPDES OF 01A	SPDES OF 01A	SPDES OF 01A
SAMPLE DESCRIPTION		SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
SAMPLE DATE		01/06/11	01/06/11	01/13/11	02/04/11	02/10/11	03/03/11
LABORATORY SAMPLE I.D.		420-40839-1	420-40840-1	420-40967-1	420-41394-1	420-41541-1	420-41984-1
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
INDICATOR PARAMETERS							
PH	pH	NA	8.16	7.86	6.97	7.04	8.17
TOTAL DISSOLVED SOLIDS	mg/l	NA	290	NA	270	NA	280
TOTAL SUSPENDED SOLIDS	mg/l	NA	ND@1.0	NA	ND@1.0	NA	ND@1.0
METALS							
LEAD, TOTAL	mg/l	ND@0.0050	NA	NA	NA	NA	NA
VOLATILE ORGANICS							
1,1,1,2-TETRACHLOROETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
ACROLEIN	ug/l	NA	ND@5	ND@5	ND@5	ND@5	ND@5
ACRYLONITRILE	ug/l	NA	ND@5	ND@5	ND@5	ND@5	ND@5
BENZENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1

Former IBM Kingston Facility
Groundwater Treatment Effectiveness Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		SPDES OF 01A	SPDES OF 01A	SPDES OF 01A	SPDES OF 01A	SPDES OF 01A	SPDES OF 01A
SAMPLE DESCRIPTION		SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
SAMPLE DATE		01/06/11	01/06/11	01/13/11	02/04/11	02/10/11	03/03/11
LABORATORY SAMPLE I.D.		420-40839-1	420-40840-1	420-40967-1	420-41394-1	420-41541-1	420-41984-1
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
VOLATILE ORGANICS (Continued)							
CARBON TETRACHLORIDE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	NA	ND@1	ND@1	ND@1	ND@1	ND@1

Former IBM Kingston Facility
Groundwater Treatment Effectiveness Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		SPDES OF 01A	SPDES OF 01A	SPDES OF 01A	SPDES OF 01A	SPDES OF 01A	SPDES OF 01A
SAMPLE DESCRIPTION		SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
SAMPLE DATE		03/10/11	04/07/11	04/07/11	04/14/11	05/04/11	05/12/11
LABORATORY SAMPLE I.D.		420-42162-1	420-42821-1	420-42822-1	420-43003-1	420-43478-1	420-43679-1
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
BASE/NEUTRAL EXTRACTABLES							
1,2-DICHLOROBENZENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
INDICATOR PARAMETERS							
PH	pH	8.14	NA	7.85	8.27	8.16	7.88
TOTAL DISSOLVED SOLIDS	mg/l	NA	NA	340	NA	460	NA
TOTAL SUSPENDED SOLIDS	mg/l	NA	NA	ND@1.0	NA	ND@1.0	NA
METALS							
LEAD, TOTAL	mg/l	NA	ND@0.0050	NA	NA	NA	NA
VOLATILE ORGANICS							
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
4-CHLOROTOLUENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
ACROLEIN	ug/l	ND@5	NA	ND@5	ND@5	ND@5	ND@5
ACRYLONITRILE	ug/l	ND@5	NA	ND@5	ND@5	ND@5	ND@5
BENZENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
BENZYL CHLORIDE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
BROMOFORM	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1

Former IBM Kingston Facility
Groundwater Treatment Effectiveness Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		SPDES OF 01A	SPDES OF 01A	SPDES OF 01A	SPDES OF 01A	SPDES OF 01A	SPDES OF 01A
SAMPLE DESCRIPTION		SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL	SPDES OUTFL
SAMPLE DATE		03/10/11	04/07/11	04/07/11	04/14/11	05/04/11	05/12/11
LABORATORY SAMPLE I.D.		420-42162-1	420-42821-1	420-42822-1	420-43003-1	420-43478-1	420-43679-1
SAMPLE RUN NUMBER		01	01	01	01	01	01
SAMPLE COMMENT CODES							
PARAMETER	UNITS						
VOLATILE ORGANICS (Continued)							
CARBON TETRACHLORIDE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
METHYLENE CHLORIDE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
TOLUENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@1	NA	ND@1	ND@1	ND@1	ND@1

Former IBM Kingston Facility
Groundwater Treatment Effectiveness Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		SPDES OF 01A	SPDES OF 01A
SAMPLE DESCRIPTION		SPDES OUTFL	SPDES OUTFL
SAMPLE DATE		06/02/11	06/09/11
LABORATORY SAMPLE I.D.		420-44207-1	420-44457-1
SAMPLE RUN NUMBER		01	01
SAMPLE COMMENT CODES			
PARAMETER	UNITS		
BASE/NEUTRAL EXTRACTABLES			
1,2-DICHLOROBENZENE	ug/l	ND@1	ND@1
1,3-DICHLOROBENZENE	ug/l	ND@1	ND@1
1,4-DICHLOROBENZENE	ug/l	ND@1	ND@1
2-CHLOROETHYLVINYL ETHER	ug/l	ND@1	ND@1
INDICATOR PARAMETERS			
PH	pH	8.26	8.08
TOTAL DISSOLVED SOLIDS	mg/l	310	NA
TOTAL SUSPENDED SOLIDS	mg/l	ND@1.0	NA
METALS			
LEAD, TOTAL	mg/l	NA	NA
VOLATILE ORGANICS			
1,1,1,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1
1,1,1-TRICHLOROETHANE	ug/l	ND@1	ND@1
1,1,2,2-TETRACHLOROETHANE	ug/l	ND@1	ND@1
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1
1,1,2-TRICHLOROETHANE	ug/l	ND@1	ND@1
1,1-DICHLOROETHANE	ug/l	ND@1	ND@1
1,1-DICHLOROETHYLENE	ug/l	ND@1	ND@1
1,2,3-TRICHLOROPROPANE	ug/l	ND@1	ND@1
1,2-DICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	ND@1	ND@1
1,2-DICHLOROETHANE	ug/l	ND@1	ND@1
1,2-DICHLOROETHYLENE, TOTAL	ug/l	ND@1	ND@1
1,2-DICHLOROPROPANE	ug/l	ND@1	ND@1
4-CHLOROTOLUENE	ug/l	ND@1	ND@1
ACROLEIN	ug/l	ND@5	ND@5
ACRYLONITRILE	ug/l	ND@5	ND@5
BENZENE	ug/l	ND@1	ND@1
BENZYL CHLORIDE	ug/l	ND@1	ND@1
BROMOBENZENE	ug/l	ND@1	ND@1
BROMODICHLOROMETHANE	ug/l	ND@1	ND@1
BROMOFORM	ug/l	ND@1	ND@1
BROMOMETHANE	ug/l	ND@1	ND@1

Former IBM Kingston Facility
Groundwater Treatment Effectiveness Data
January 1, 2011 - June 30, 2011

SAMPLE LOCATION		SPDES OF 01A	SPDES OF 01A
SAMPLE DESCRIPTION		SPDES OUTFL	SPDES OUTFL
SAMPLE DATE		06/02/11	06/09/11
LABORATORY SAMPLE I.D.		420-44207-1	420-44457-1
SAMPLE RUN NUMBER		01	01
SAMPLE COMMENT CODES			
PARAMETER	UNITS		
VOLATILE ORGANICS (Continued)			
CARBON TETRACHLORIDE	ug/l	ND@1	ND@1
CHLOROBENZENE	ug/l	ND@1	ND@1
CHLORODIBROMOMETHANE	ug/l	ND@1	ND@1
CHLOROETHANE	ug/l	ND@1	ND@1
CHLOROFORM	ug/l	ND@1	ND@1
CHLOROMETHANE	ug/l	ND@1	ND@1
CIS-1,3-DICHLOROPROPYLENE	ug/l	ND@1	ND@1
DIBROMOMETHANE	ug/l	ND@1	ND@1
DICHLORODIFLUOROMETHANE	ug/l	ND@1	ND@1
ETHYLBENZENE	ug/l	ND@1	ND@1
METHYLENE CHLORIDE	ug/l	ND@1	ND@1
TETRACHLOROETHYLENE	ug/l	ND@1	ND@1
TOLUENE	ug/l	ND@1	ND@1
TRANS-1,3-DICHLOROPROPENE	ug/l	ND@1	ND@1
TRICHLOROETHYLENE	ug/l	ND@1	ND@1
TRICHLOROFLUOROMETHANE	ug/l	ND@1	ND@1
VINYL CHLORIDE	ug/l	ND@1	ND@1
XYLENE, TOTAL	ug/l	ND@1	ND@1

Former IBM Kingston Facility
Groundwater Treatment Effectiveness Data
January 1, 2011 - June 30, 2011

EXPLANATION OF REPORTING CONVENTIONS AND KEY TO COMMENT CODES

REPORTING CONVENTIONS

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

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

Former IBM Kingston Facility Flux Calculations

Groundwater Collection System and MW-504S Pumping Well and North Parking Lot Area Passive Groundwater Collection System

Groundwater Collection System

Total Gallons Extracted January 1, 2011 - June 30, 2011: 11,265,097

Average Flow Rate 61,727 gal/day

	avg. ug/l	Flux lbs/day
Tetrachloroethene	1.9	0.00097
Trichloroethene	84.8	0.04346
12-Dichloroethene(tot)	45.3	0.02323
Vinyl Chloride	0.0	0.00000
111-Trichloroethane	56.2	0.02878
11-Dichloroethane	17.9	0.00918
12-Dichloroethane	0.4	0.00019
11-Dichloroethene	12.4	0.00634
Freon 113	0.0	0.00000
Freon 123a	0.0	0.00000

Total flux contributed by GWCS: 0.11214 lbs/day

Semiannual Flux for GWCS: 20.47 lbs

Pumping Well MW-504S (offline)

Total Gallons Extracted January 1, 2011 - June 30, 2011: 0

Average Flow Rate 0 gal/day

	avg. ug/l	Flux lbs/day
Tetrachloroethene		0.00000
Trichloroethene		0.00000
111-Trichloroethane		0.00000

Total flux contributed by MW-504S: 0.00000 lbs/day

Semiannual Flux for MW-504S: 0.000 lbs

North Parking Lot Area Passive Groundwater Collection System

Total Gallons Extracted January 1, 2011 - June 30, 2011: 918,280

Average Flow Rate 5,032 gal/day

	avg. ug/l	Flux lbs/day
Tetrachloroethene	2.5	0.00011
Trichloroethene	204.9	0.00856
12-Dichloroethene(tot)	22.2	0.00093
Vinyl Chloride	0.0	0.00000
111-Trichloroethane	28.7	0.00120
11-Dichloroethane	5.2	0.00022
12-Dichloroethane	0.0	0.00000
11-Dichloroethene	1.6	0.00007
Freon 113	4.3	0.00018
Freon 123a	0.0	0.00000

Total flux contributed by NPLA pump stations: 0.01125 lbs/day

Semiannual Flux for NPLA pump stations: 2.05 lbs

overall flux: **22.5201**