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January 14, 2013

Mr. Thomas Taccone
Western New York Remediation Section
Emergency and Remedial Response Division
United States Environmental Protection Agency - Region II
290 Broadway, 20th Floor
New York, NY 10007-1866

Dear Mr. Taccone:

Re: Quarterly Report – Fourth Quarter 2013 (October through December)
Administrative Orders Hooker Chemical/Ruco Polymer Corporation Site
Index Nos. II-CERCLA-80216, II-CERCLA-94-0210, and II-CERCLA-02-2001-2018

This submittal provides the Quarterly Progress Report covering October through December 2013 for the Hooker/Ruco Site in Hicksville, New York. This Report covers OU-1, OU-2, and OU-3. Please note that the next Quarterly Progress Report will be submitted by April 15, 2014 and will cover January through March 2014.

Quarterly Progress Report

The following activities were performed during the period October through December 2013.

The Quarterly Progress Report for the time period July through September 2013 was submitted to the USEPA on October 15, 2013.

Operable Unit 1 (On-Site Soil)

All work has been successfully completed. OU-1 is closed.

Operable Unit 2 (Soils Impacted by On-Site Release of PCBs)

All work has been successfully completed. OU-2 is closed.

Operable Unit 3 (Off-Site Groundwater)

Supplemental Treatment System

- i. Operation and monitoring of the GP-1/GP-3 supplemental air treatment system continued
- ii. The potassium permanganate bed was changed out on November 20

Biosparge System

See Figures 1 and 2 for system layout and Figures 3 and 4 for system cross-sections. Also shown in Figures 1 and 2 are the 2012/2013 VCM groundwater concentrations.

During the reporting period, air injection into the biosparge system north fence was suspended on October 4 in preparation for the 2013 4th quarterly biosparge system performance monitoring event. Air injection resumed on October 28 after retrieval of the last sampler. Air was injected into all air injection wells for 8 hours at 100 scfm for the next week except for IW-17D2, IW-18D1, IW-19D2 and IW-22D2. No air could be injected into these four wells. It is believed that there are physical impairments in these wells. It is also believed that air injection into these wells is not essential because air is being injected into all the air injection wells immediately adjacent to and above them. Future monitoring will determine if supplemental work (extra air injections in surrounding wells or well rehabilitation of these specific wells) is needed to reduce VCM concentrations at these locations.

A fault occurred in the main Atlas Copco air compressor in November. The fault was diagnosed as a failed Variable Speed Drive. Arrangements are being made to replace the Drive. During the ensuing period, air injections are being made using the backup Ingersoll Rand compressor.

The PDB/HydraSleeve samplers for the October 2013 quarterly performance monitoring event were inserted between October 6 and 10, 2013 except for the upper two well screens in well nest MW-63 (i.e., MW-63S and MW-63I) which has 4 screens in one riser pipe and had to be sampled in a subsequent sample round (inserted on October 24 and retrieved on November 7). The samplers were retrieved between October 24 and 30. The October sampling event included 36 of the 39 biosparge groundwater monitoring wells. Wells MW-61I and MW-61D1 could not be sampled as an obstruction in these wells at approximately 130 feet below ground surface (ft. bgs) prevented insertion of the samplers. Also, the samplers in MW-77D1 could not be retrieved from the well. Attempts to retrieve the samplers were unsuccessful. The October sampling event also included the collection of samples from a supplemental group of wells to provide additional groundwater information. The additional wells included monitoring well nests MW-63, MW-67, and MW-68 and well MW-66D2. The analytical results from this sampling event and the QA/QC review are attached.

As specified in the Interim Remedial Action Report, soil vapor samples were also collected on July 25, 2013 from 14 vadose zone wells in the vicinity of the most recent injection well installations.

Notification for the January 2014 biosparge system performance monitoring event was submitted to the USEPA on December 9, 2013. The PDB/HydraSleeve samplers are to be installed starting January 6 and retrieved a minimum of 14 days after insertion. The wells to be sampled and analyzed include 23 of the

24 biosparge groundwater monitoring wells and the 14 vadose zone wells which monitor the components of the biosparge system installed in 2012. Well MW-77D1 is not available to sample as attempts to retrieve the PBD samplers for the October event were unsuccessful. Furthermore, to provide additional information regarding the current conditions of the VCM sublume, samples will be collected from well nests MW-63, MW-67, and MW-68 and well MW-66D2.

Summary of Biosparge System

The Dissolved Oxygen (DO), total volatile organic compounds (TVOC), and VCM concentration trends for the individual groundwater monitoring wells around the biosparge injection system are shown on Figures 5 through 23. To date, the results show that the biosparge system is operating successfully as demonstrated by the following:

- i. DO levels in the groundwater have increased and, in general, are greater than the target concentration of 2 milligrams per liter (mg/L), in 27 of the 28 monitoring wells as measured in October.
- ii. Groundwater VCM concentrations are non-detect or decreased between the July and October 2013 performance monitoring events in 21 of the 23 monitoring wells for the expanded biosparge system as a result of the microbial biodegradation processes. The VCM concentrations, which are currently fluctuating in the remaining 2 wells for the expanded system, are expected to decrease with time. Such fluctuations in the short term after the start of air injection are similar to the pattern observed in some of the Pilot System wells during the initial year of air injection.
- iii. VCM concentrations in the Pilot System monitoring wells (see Figure 2 for area of the Pilot System) were low level ranging from non-detect to 12 ug/L in the October event.

As part of the biosparge system monitoring, soil vapor samples were collected and analyzed. The primary VOCs detected are listed in Table 3. Review of the October 2013 results shows that VCM was detected at low level concentrations (5.9 ppbv or less) in two of the seven deep vadose zone wells and was non-detect in the other deep wells. VCM was not detected in any of the seven shallow vadose zone wells.

Planned First Quarter 2014 Activities

The following activities are planned for the first quarter of 2014:

- i. Continue operation and monitoring of the GP-1/GP-3 supplemental air treatment system.
- ii. Change-out of the supplemental system carbon bed is scheduled for January 8, 2014.
- iii. Perform the first 2014 quarterly biosparge system performance monitoring event. PDB/HydraSleeve insertion is scheduled to start on January 6 with retrieval planned to start a minimum of 14 days after insertion.

- iv. Continue the weekly 8-hour air injections for 26 of the 30 biosparge system air injection wells. It is noted that air injections will be temporarily suspended during the January 2014 performance monitoring event.

Should you have any questions on the above, please do not hesitate to contact me at (972) 687-7516 or e-mail at Roger_Smith@oxy.com.

Yours sincerely,



Roger Smith
Senior Project Manager

KDS/mg/45
Encl.

cc: P. Mannino (USEPA)
M. E. Wieder (USEPA)
S. Scharf (NYSDEC – PDF on CD)
M. Popper (CDM)
T. Kelly (Nassau County)
S. Krall (Bayer)
J. Kay (CRA)

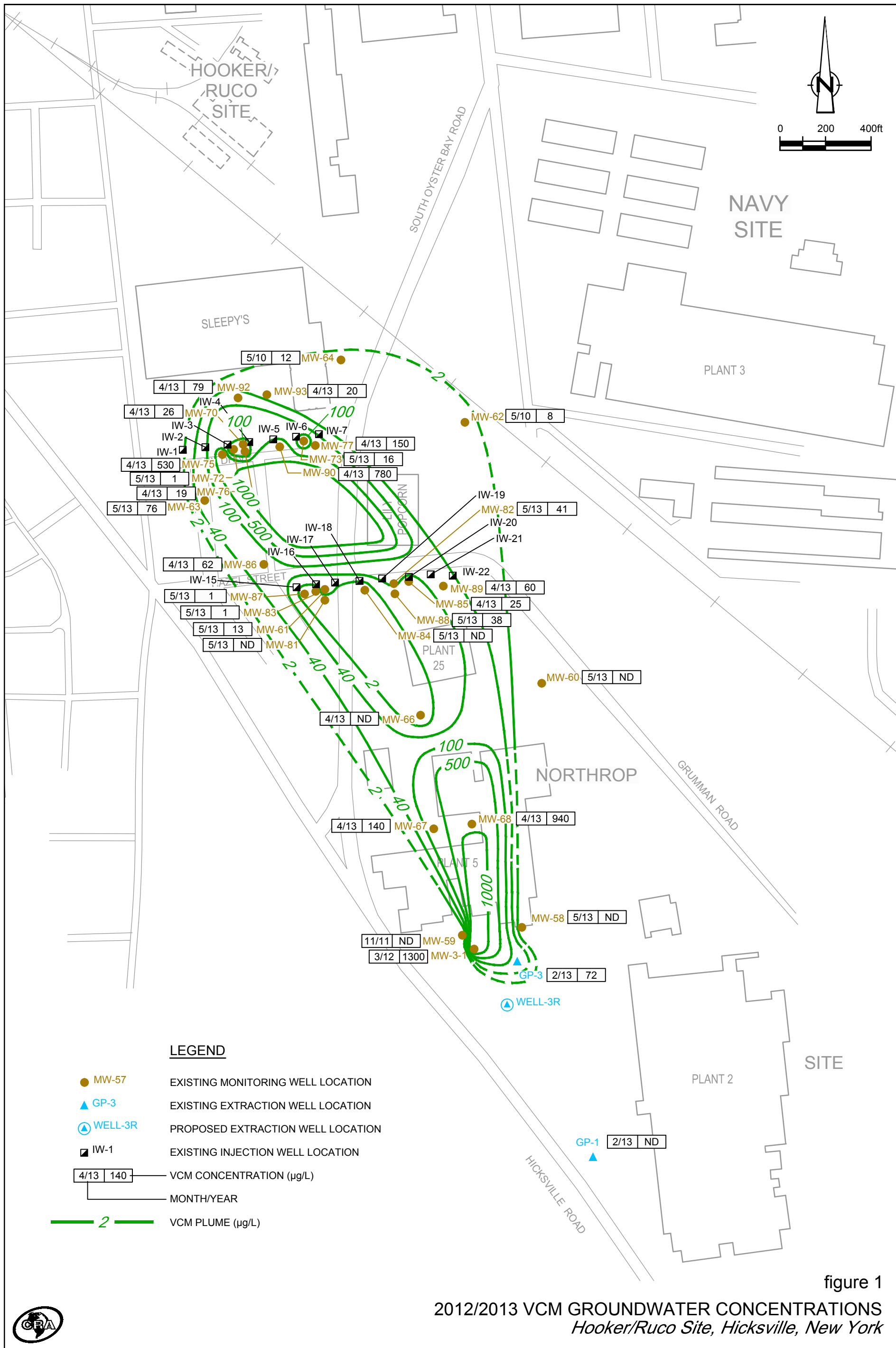
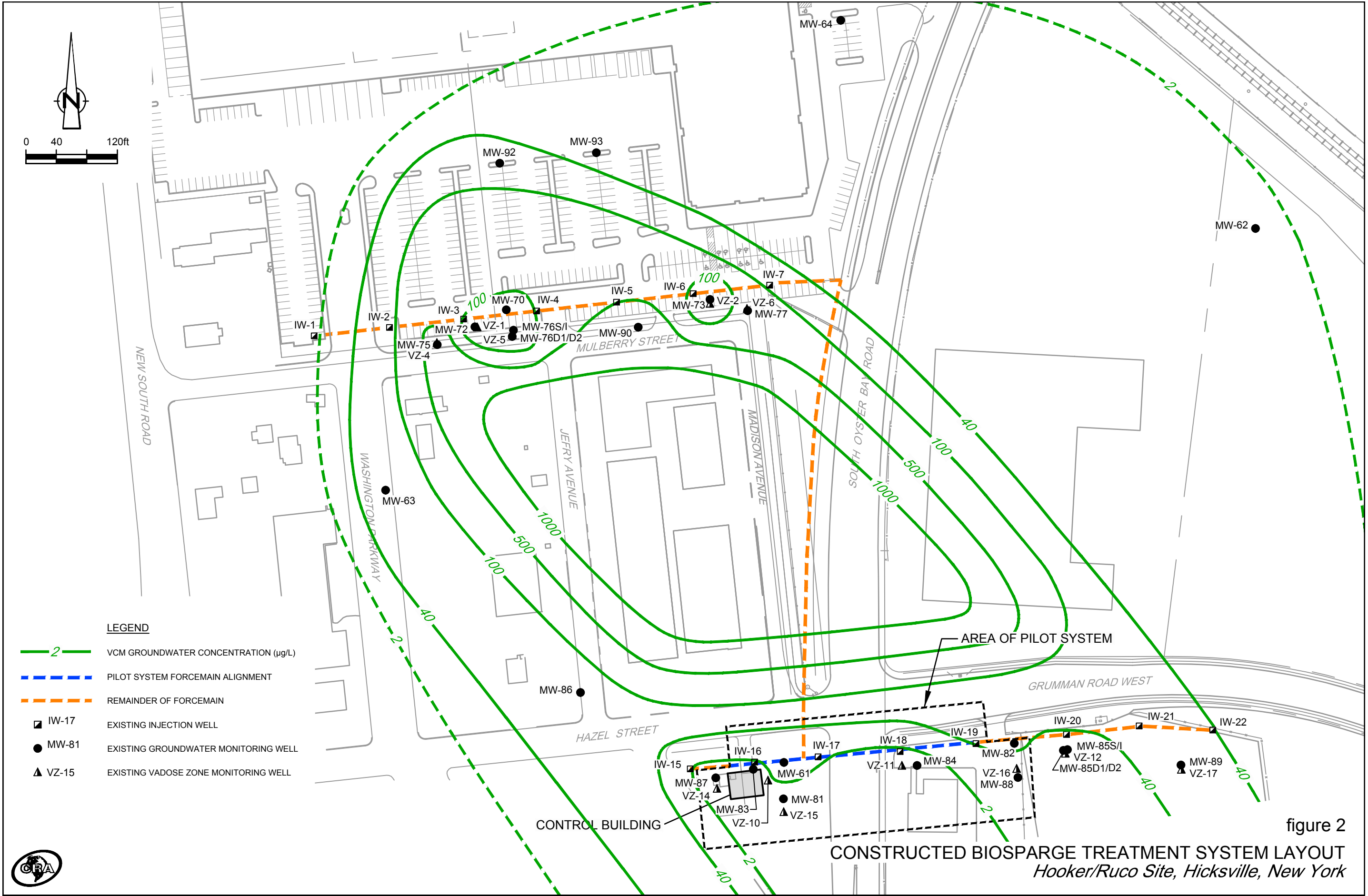


figure 1

2012/2013 VCM GROUNDWATER CONCENTRATIONS
Hooker/Ruco Site, Hicksville, New York





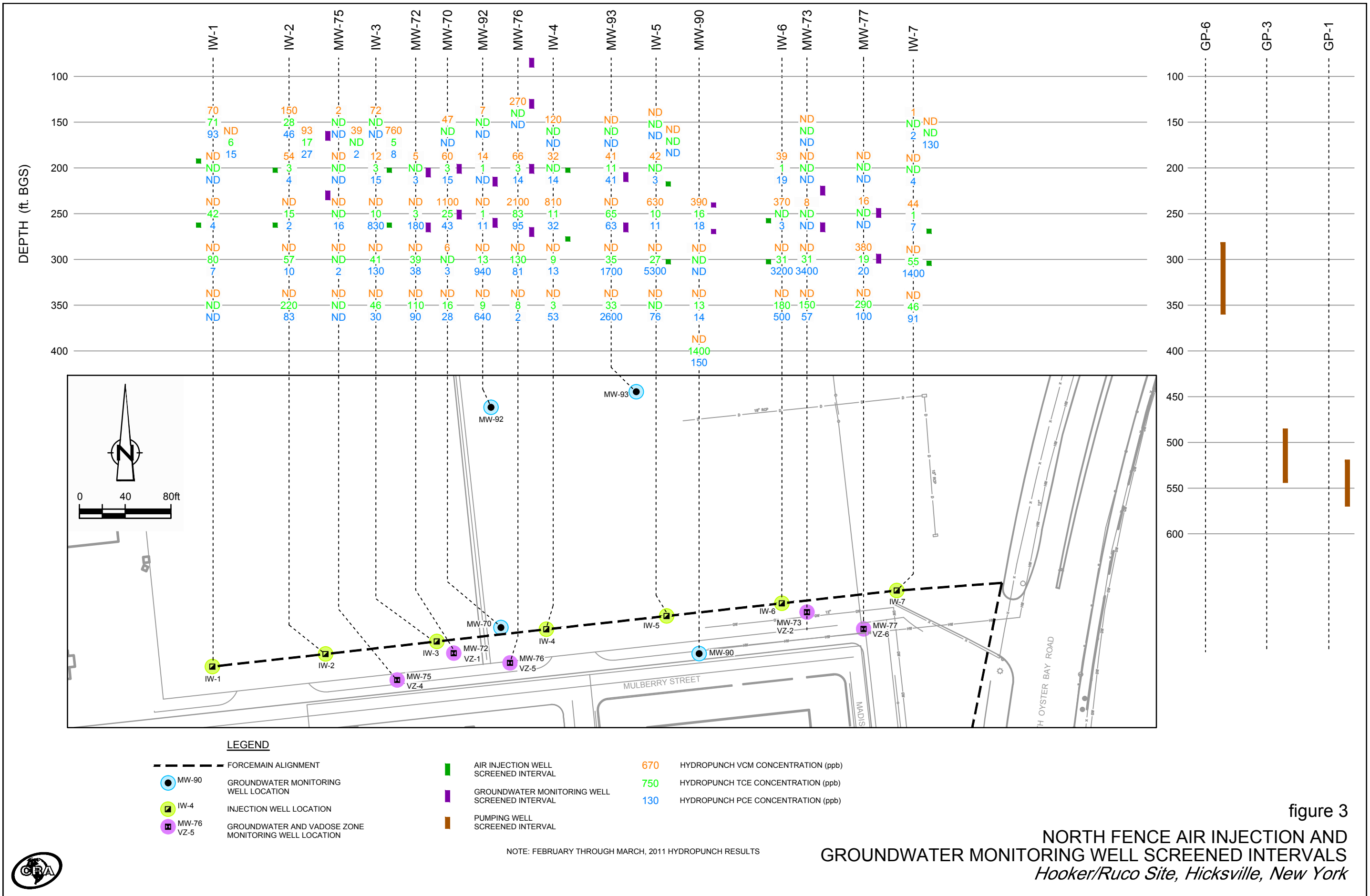
LEGEND

- 2 VCM GROUNDWATER CONCENTRATION (µg/L)
- - - PILOT SYSTEM FORCEMAIN ALIGNMENT
- - - REMAINDER OF FORCEMAIN
- IW-17 EXISTING INJECTION WELL
- MW-81 EXISTING GROUNDWATER MONITORING WELL
- VZ-15 EXISTING VADOSE ZONE MONITORING WELL



figure 2

CONSTRUCTED BIOSPARGE TREATMENT SYSTEM LAYOUT
Hooker/Ruco Site, Hicksville, New York



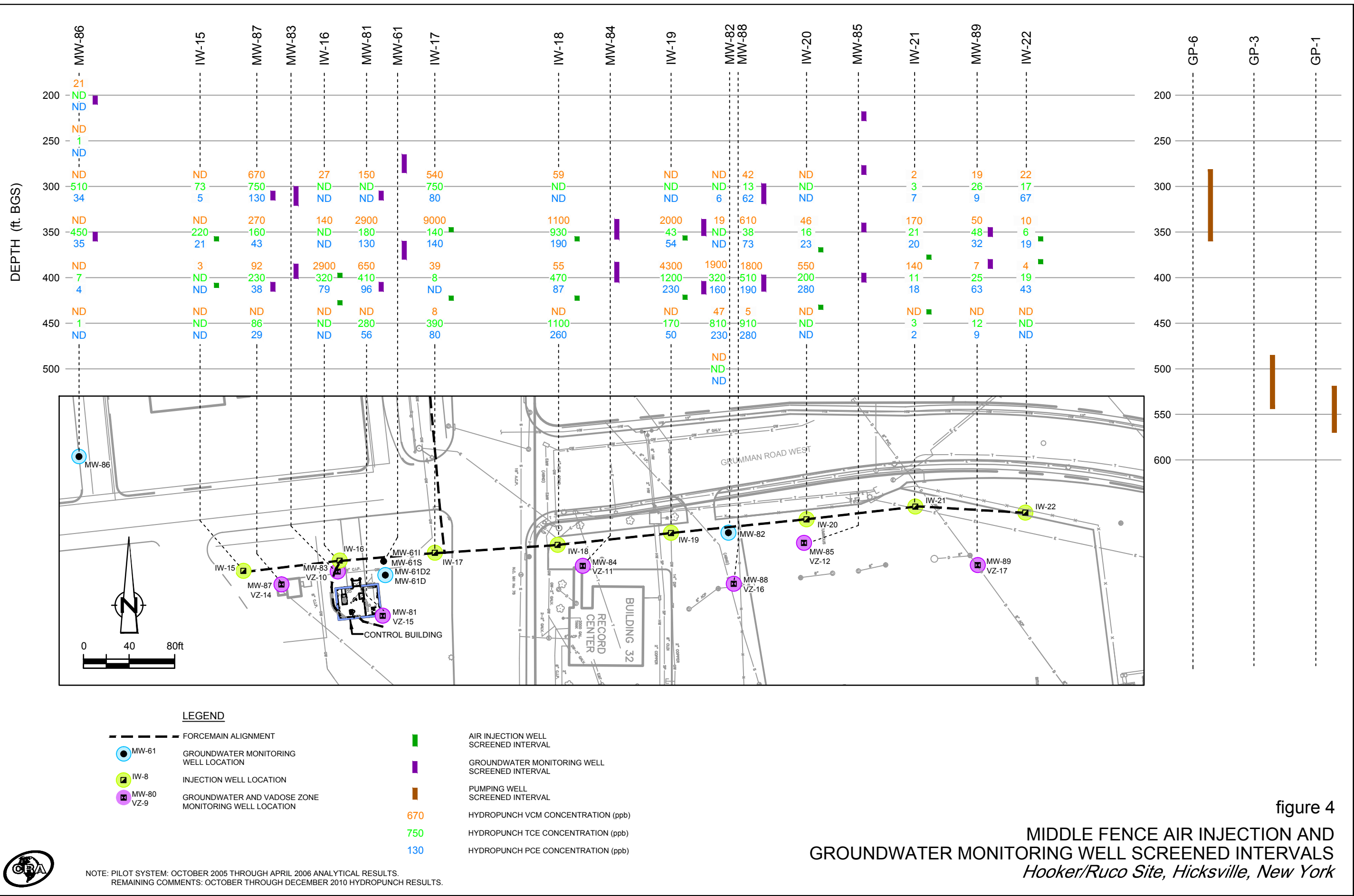
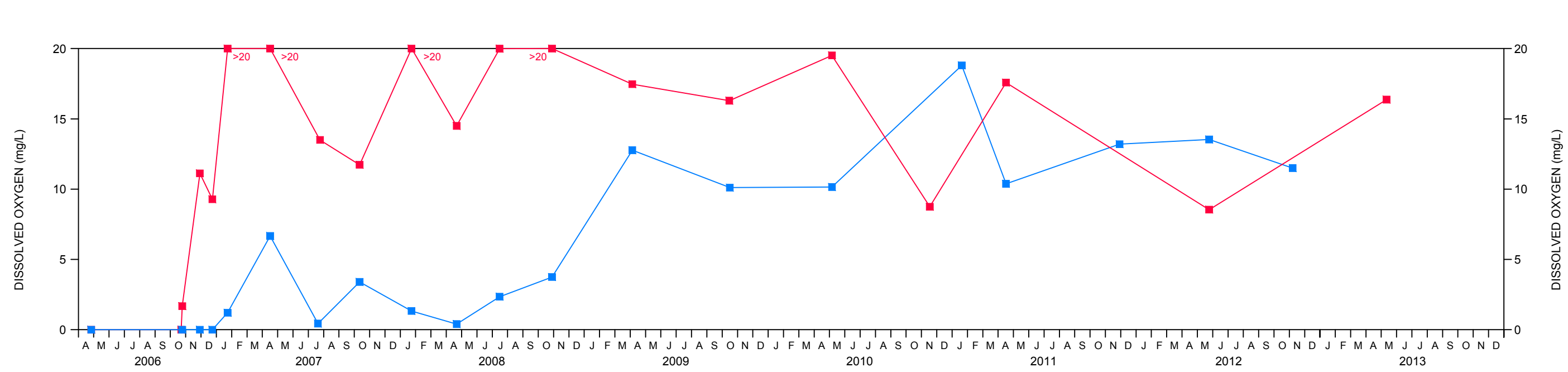
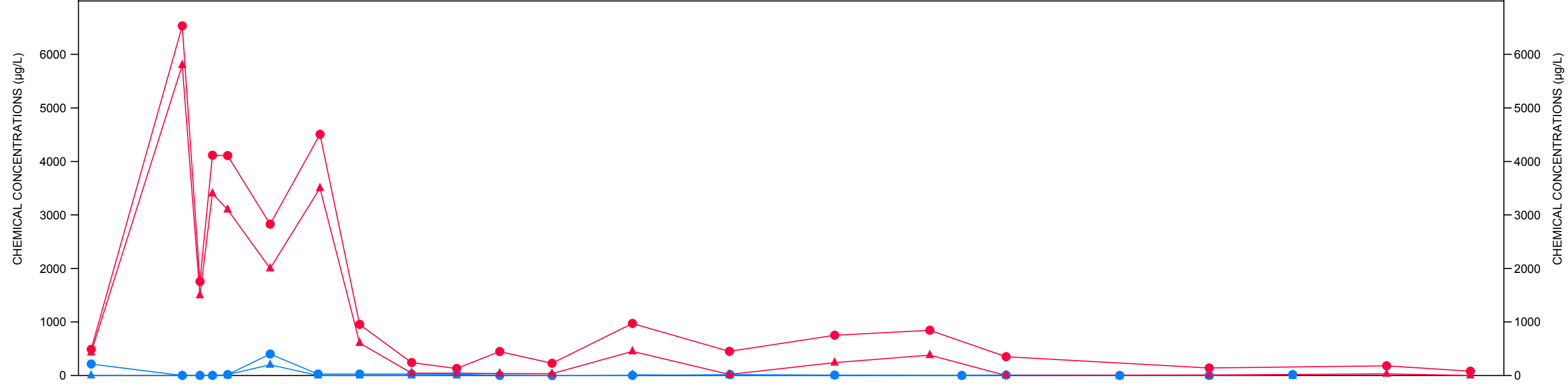
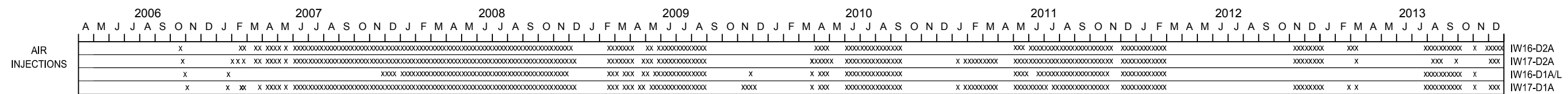


figure 4

MIDDLE FENCE AIR INJECTION AND
GROUNDWATER MONITORING WELL SCREENED INTERVALS
Hooker/Ruco Site, Hicksville, New York

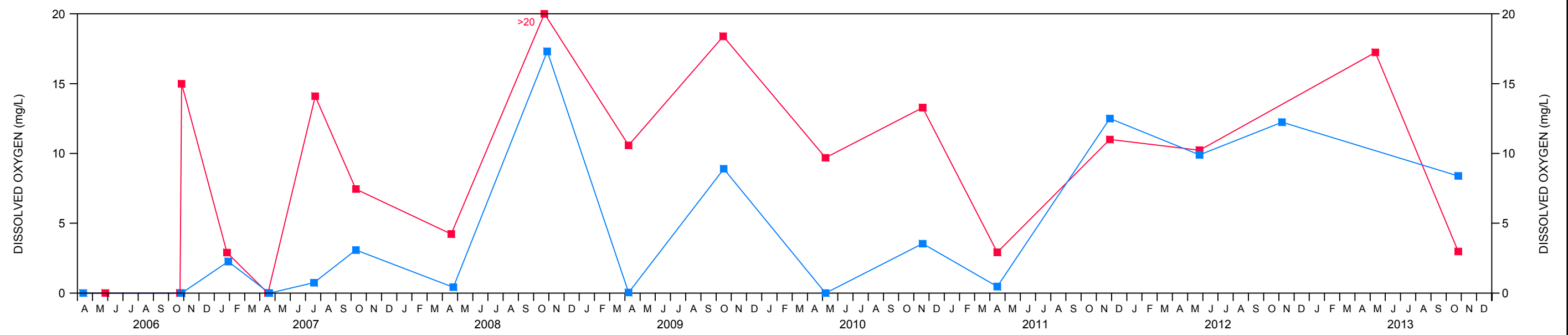
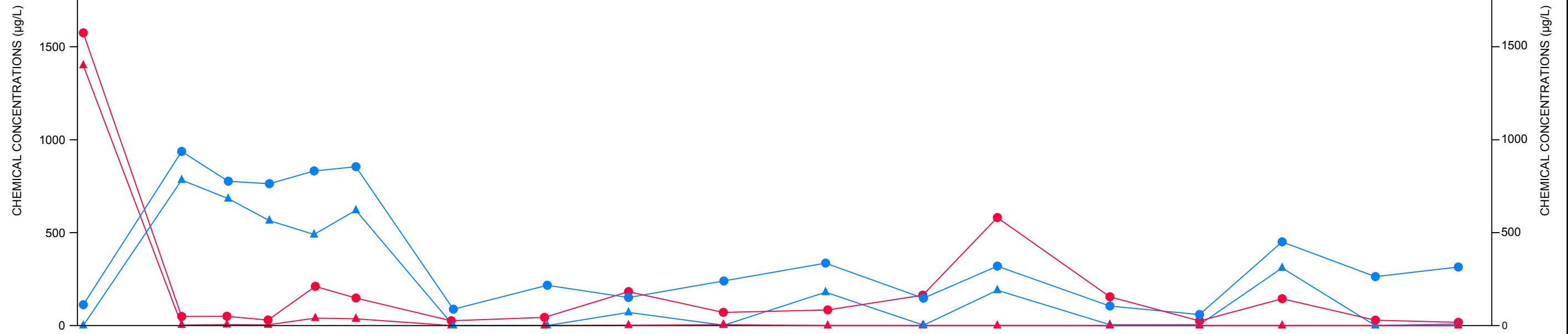
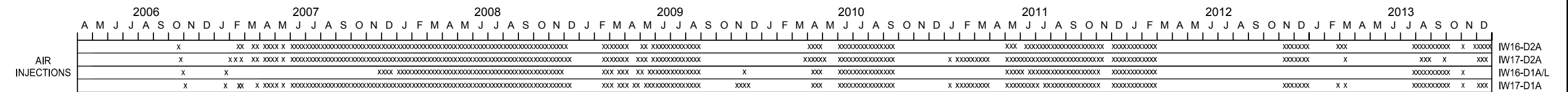




- TVOCs
- ▲ VCM
- DO
- MW-61D1
- MW-61D2



figure 5
 WELL NEST MW-61
 CHEMICAL CONCENTRATION PLOTS
 MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York

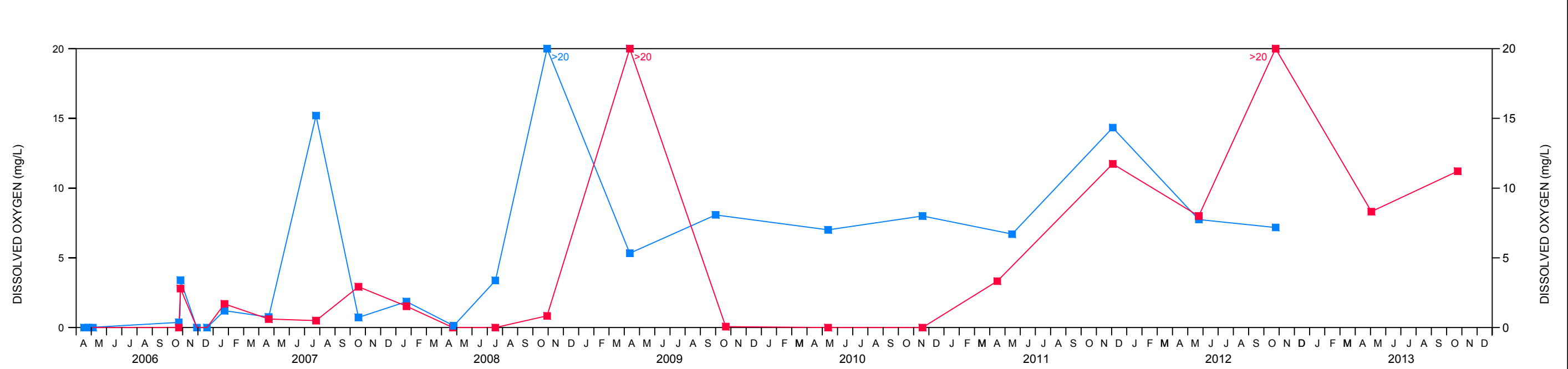
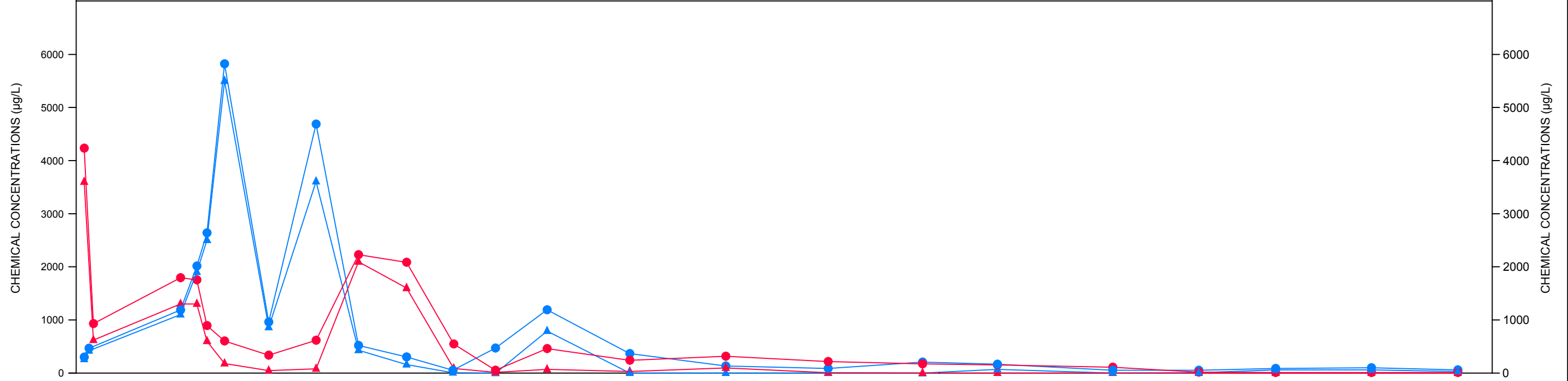
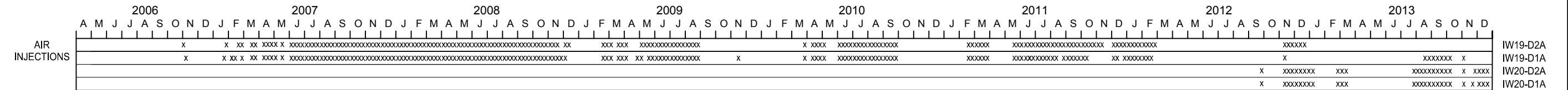


● TVOCs
▲ VCM
■ DO

— MW-81D1
— MW-81D2

figure 6
WELL NEST MW-81
CHEMICAL CONCENTRATION PLOTS
MIDDLE INJECTION FENCELINE
Hooker/Ruco Site, Hicksville, New York





- TVOCs
- ▲ VCM
- DO
- MW-82D1
- MW-82D2



figure 7
 WELL NEST MW-82
 CHEMICAL CONCENTRATION PLOTS
 MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York

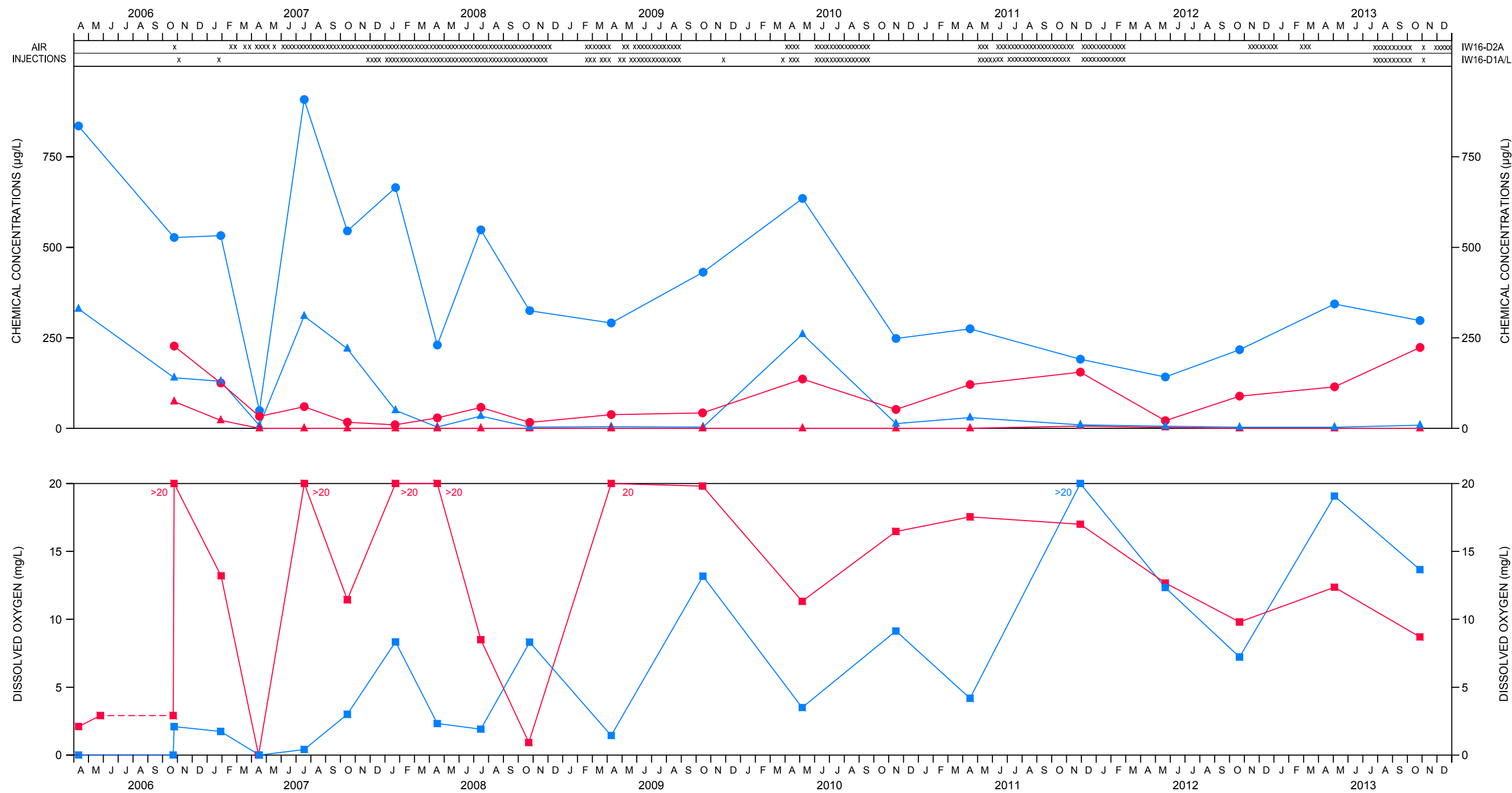


figure 8

WELL NEST MW-83
 CHEMICAL CONCENTRATION PLOTS
 MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



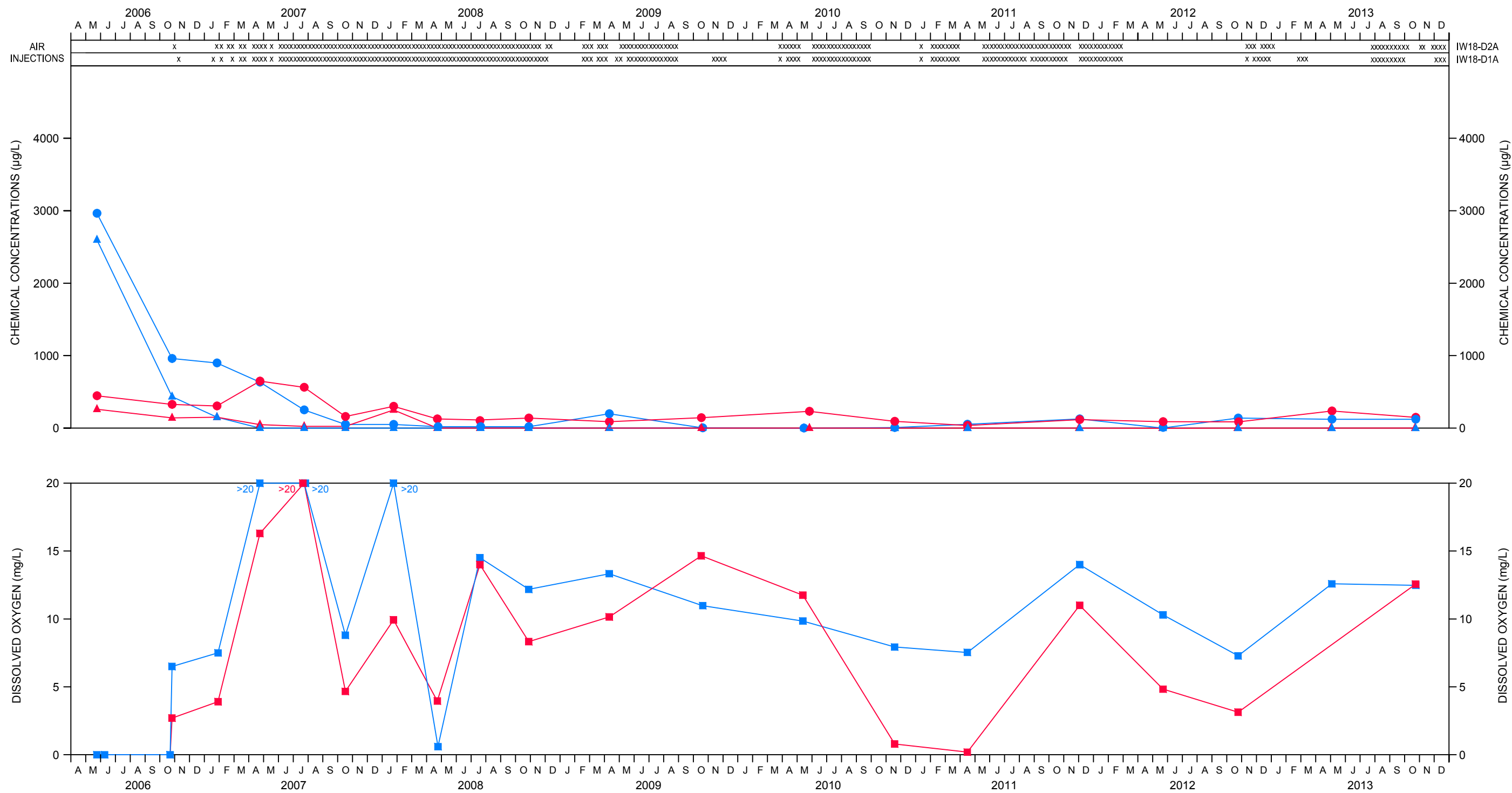
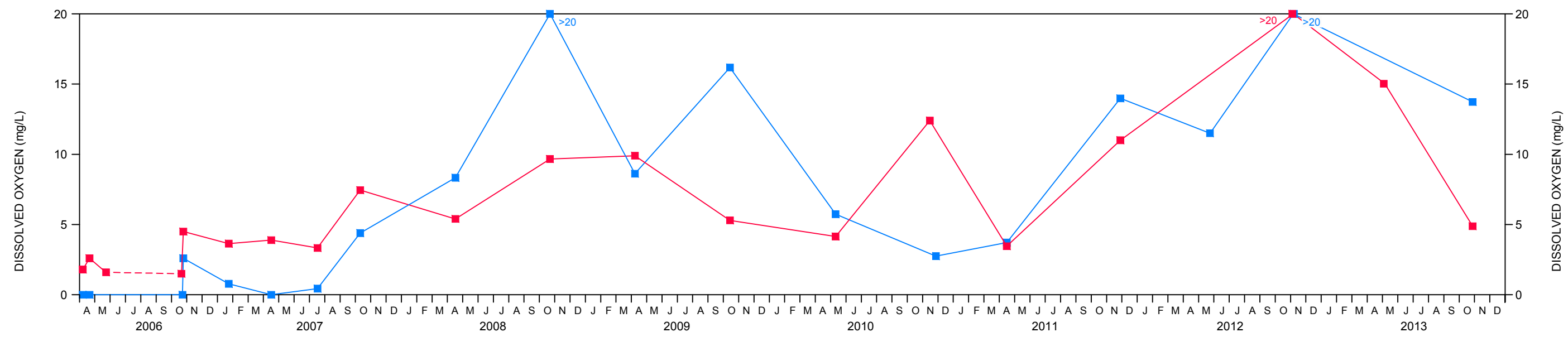
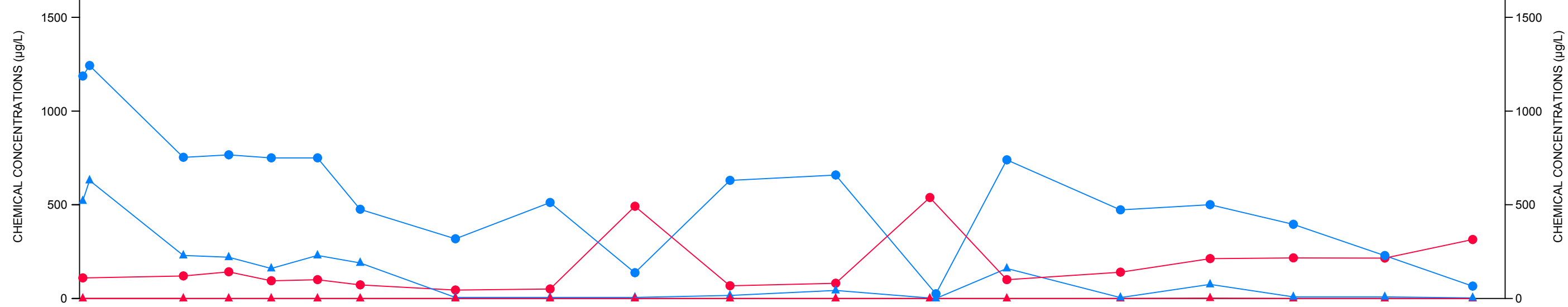
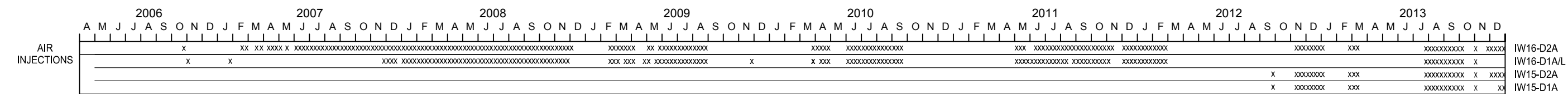


figure 9
 WELL NEST MW-84
 CHEMICAL CONCENTRATION PLOTS
 MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York





- TVOCs
- ▲ VCM
- DO
- MW-87D1
- MW-87D2



figure 10
WELL NEST MW-87
CHEMICAL CONCENTRATION PLOTS
MIDDLE INJECTION FENCELINE
Hooker/Ruco Site, Hicksville, New York

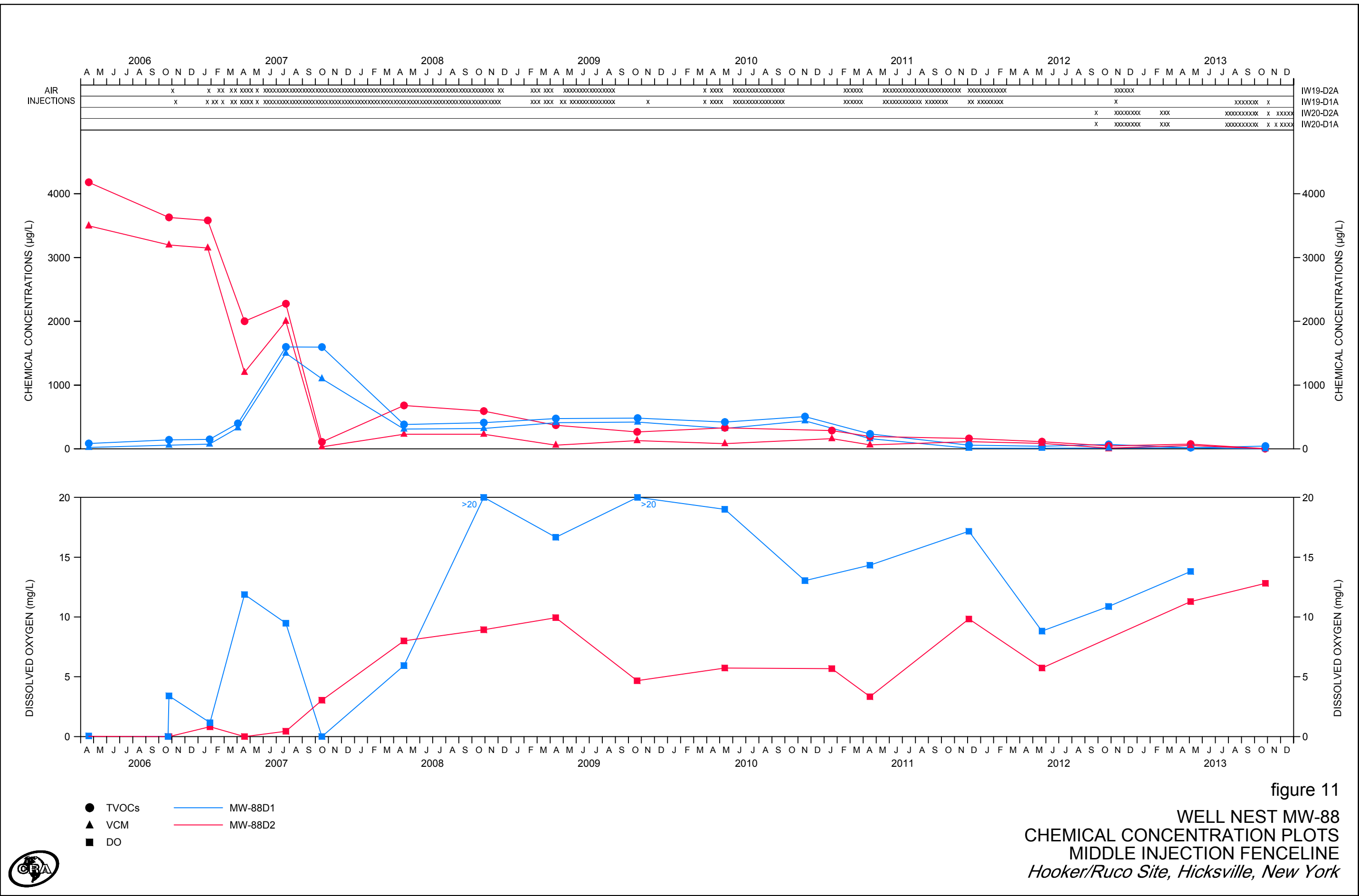


figure 11
 WELL NEST MW-88
 CHEMICAL CONCENTRATION PLOTS
 MIDDLE INJECTION FENCELINE
Hooker/Ruco Site, Hicksville, New York

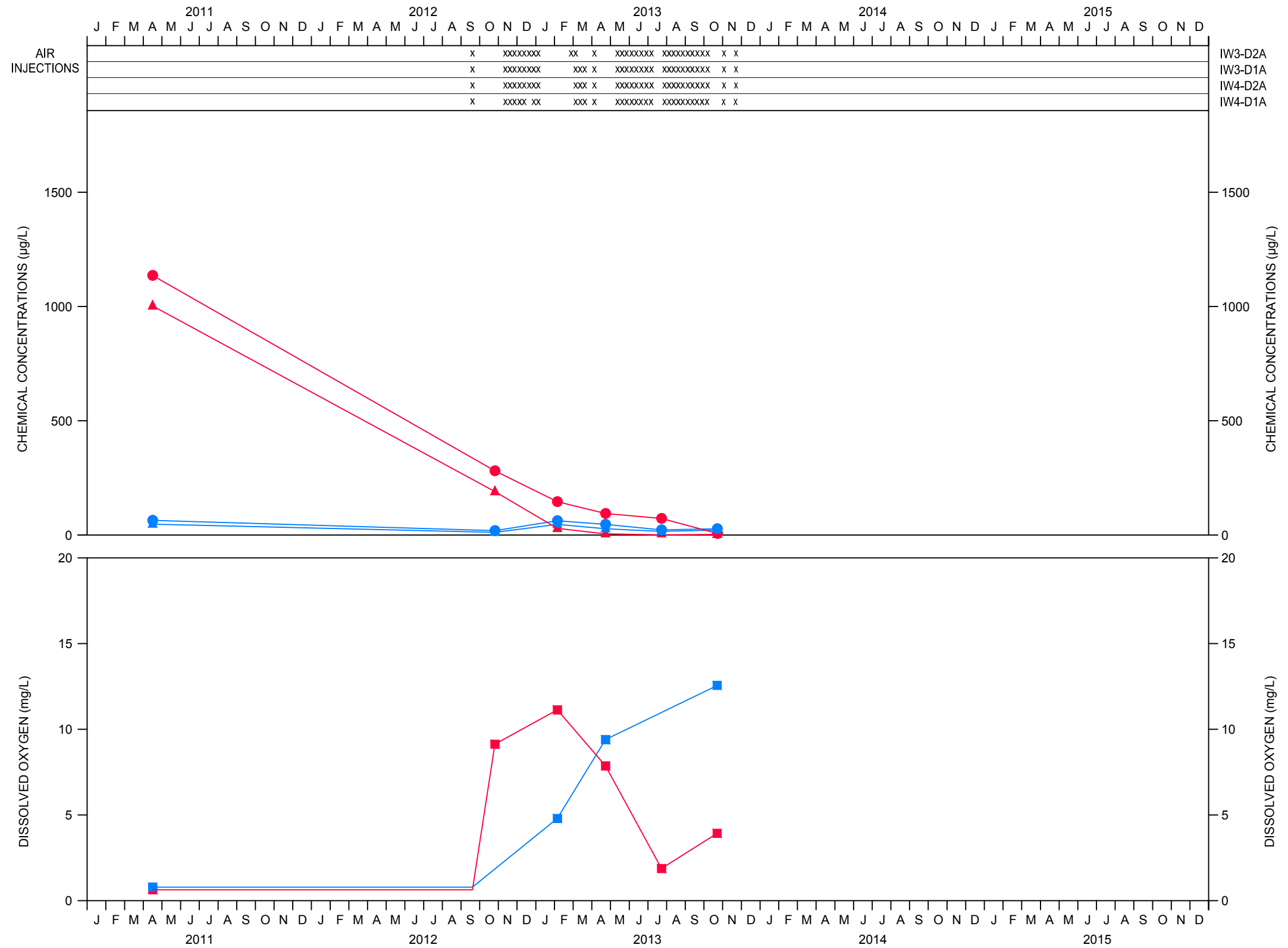
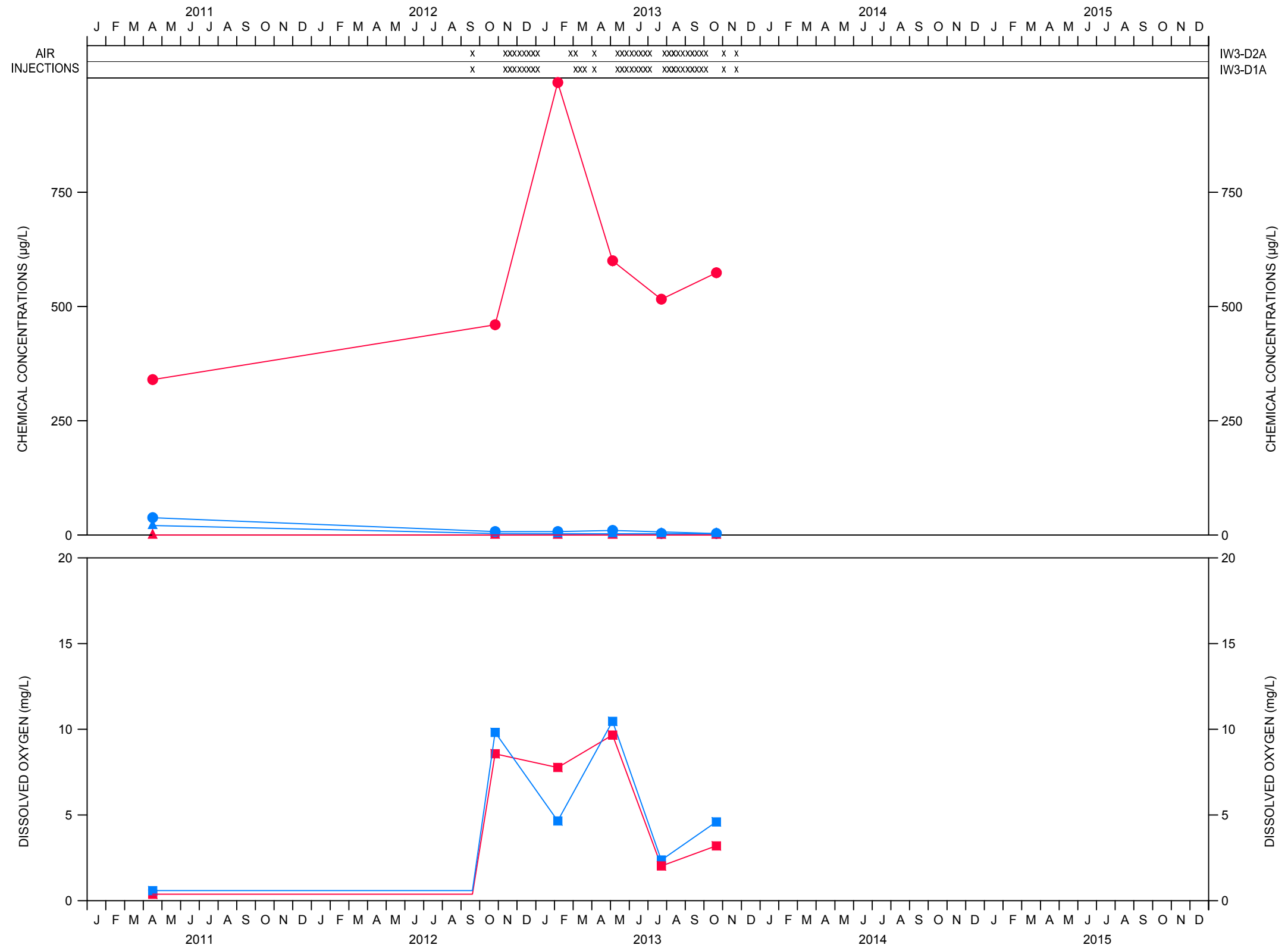


figure 12
 WELL NEST MW-70
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York





- TVOCs
- ▲ VCM
- DO
- MW-72D1
- MW-72D2

figure 13
 WELL NEST MW-72
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



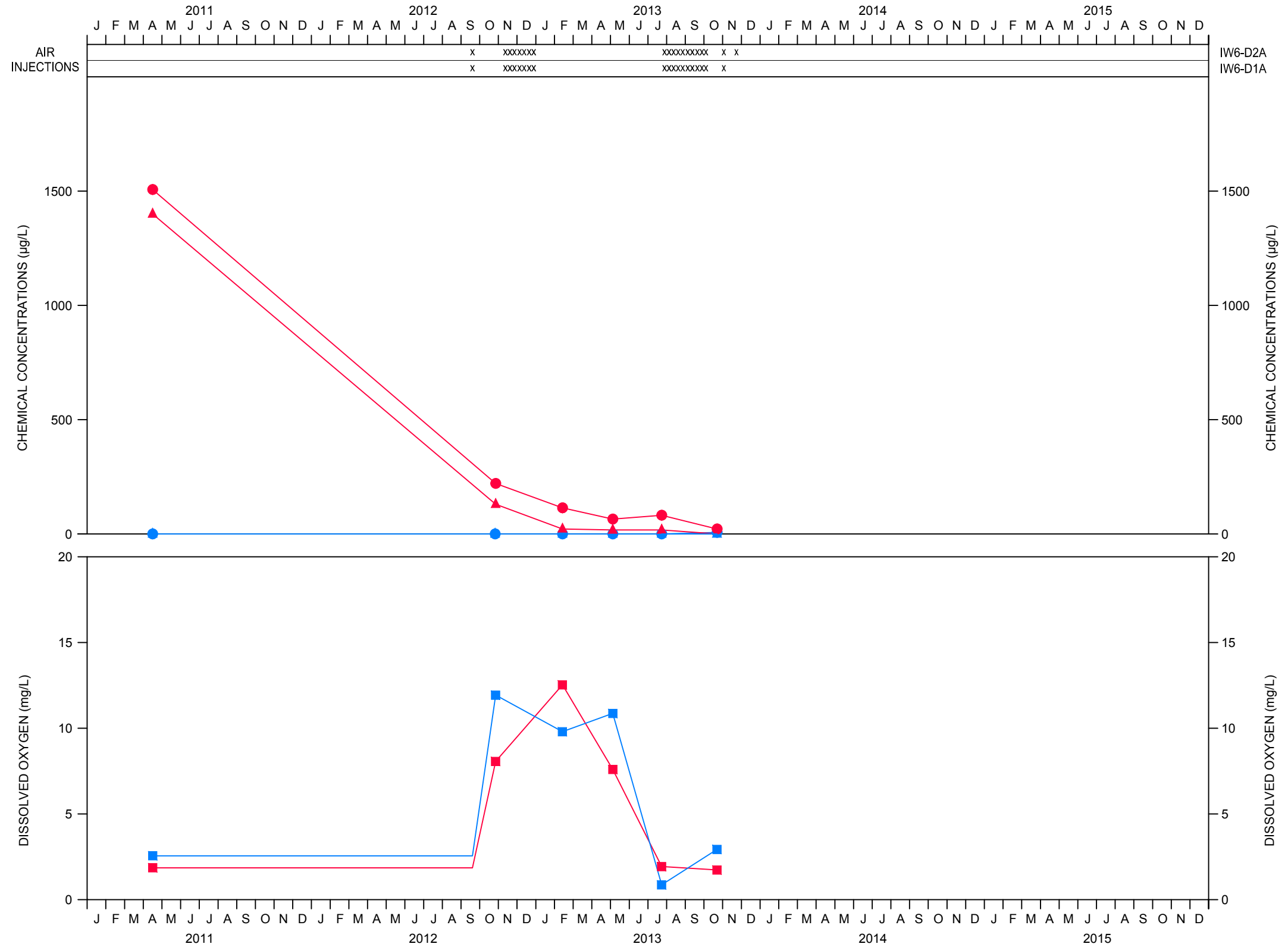


figure 14
 WELL NEST MW-73
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



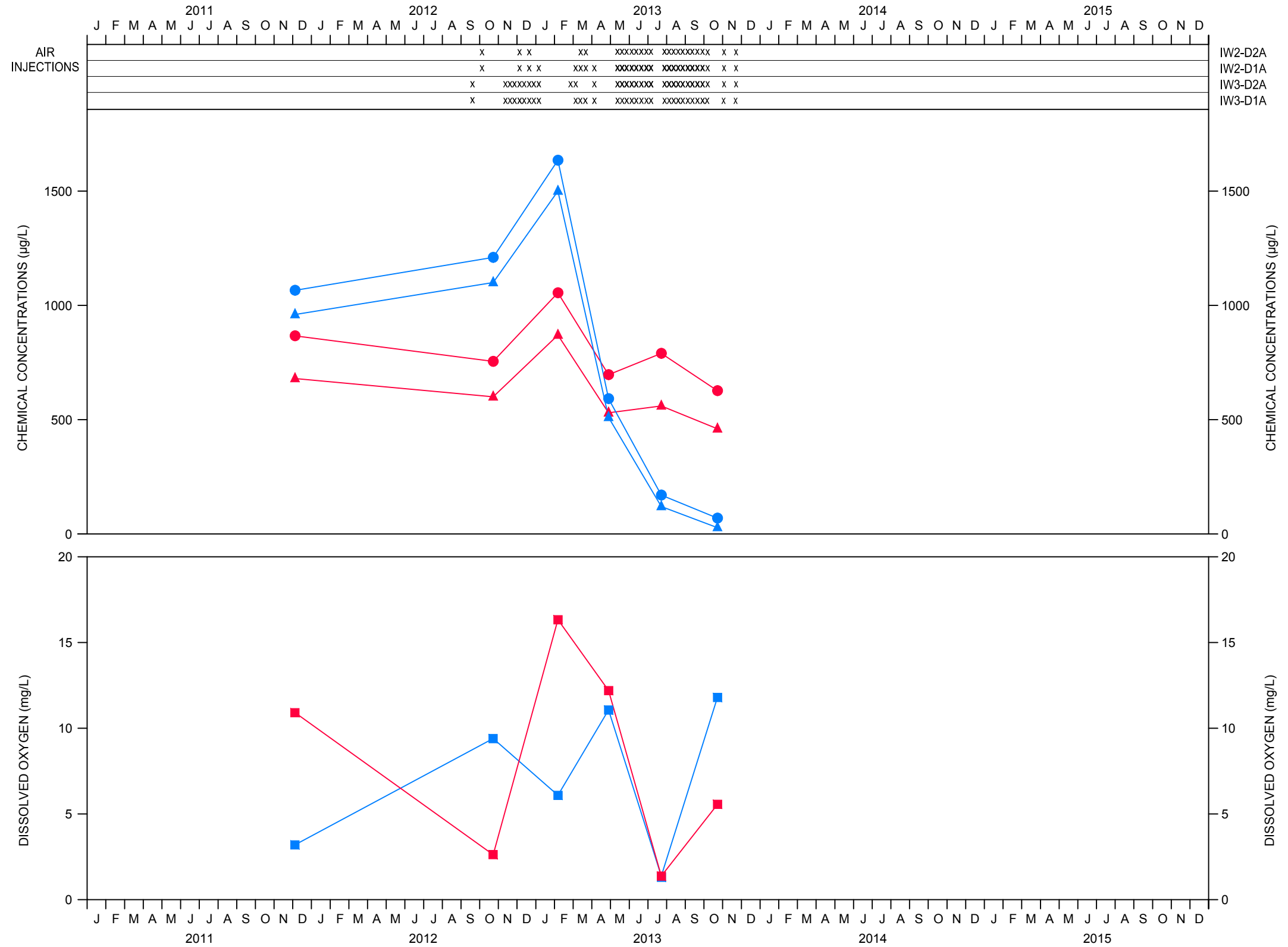


figure 15
 WELL NEST MW-75
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



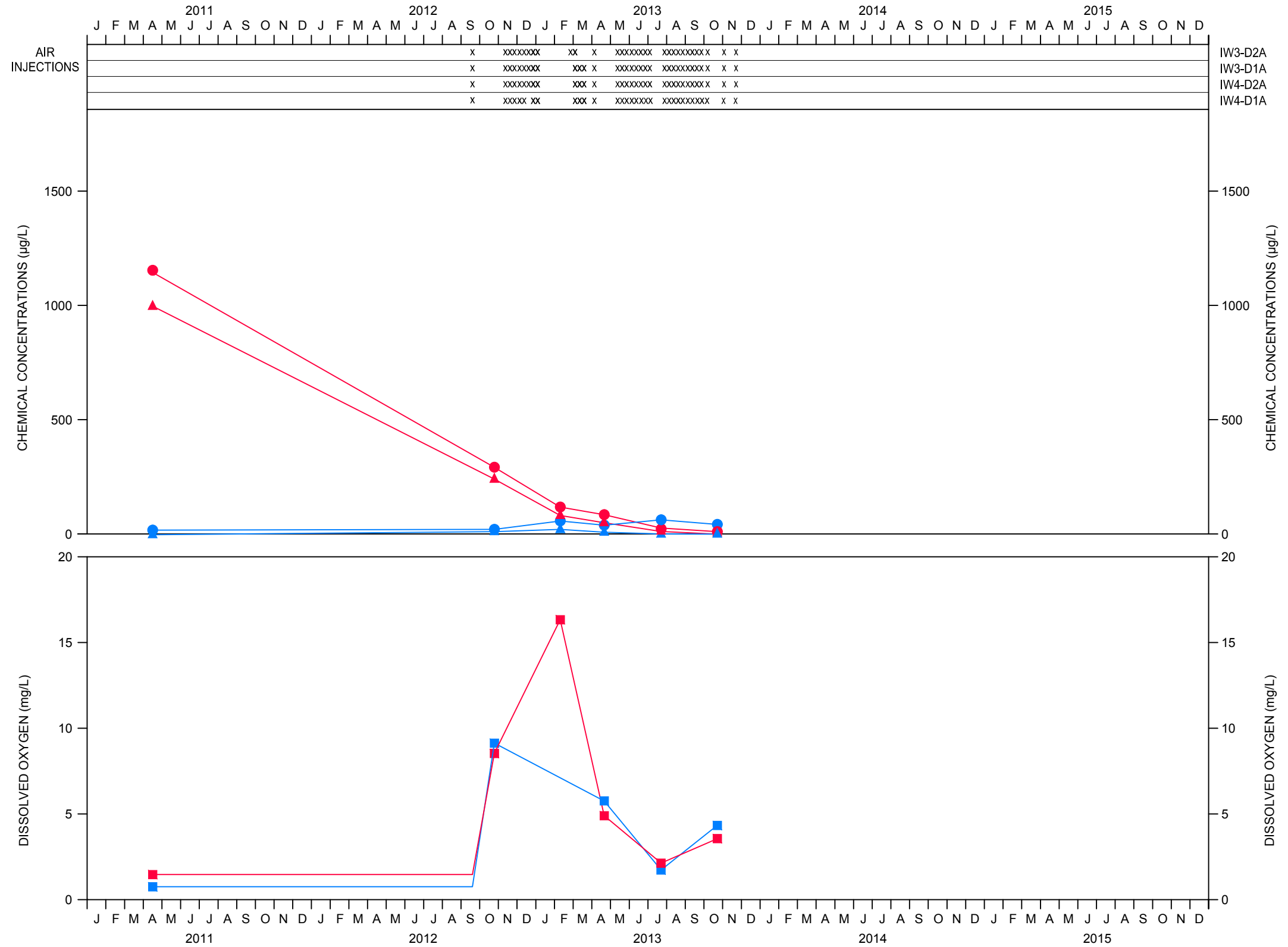


figure 16
 WELL NEST MW-76S/I
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



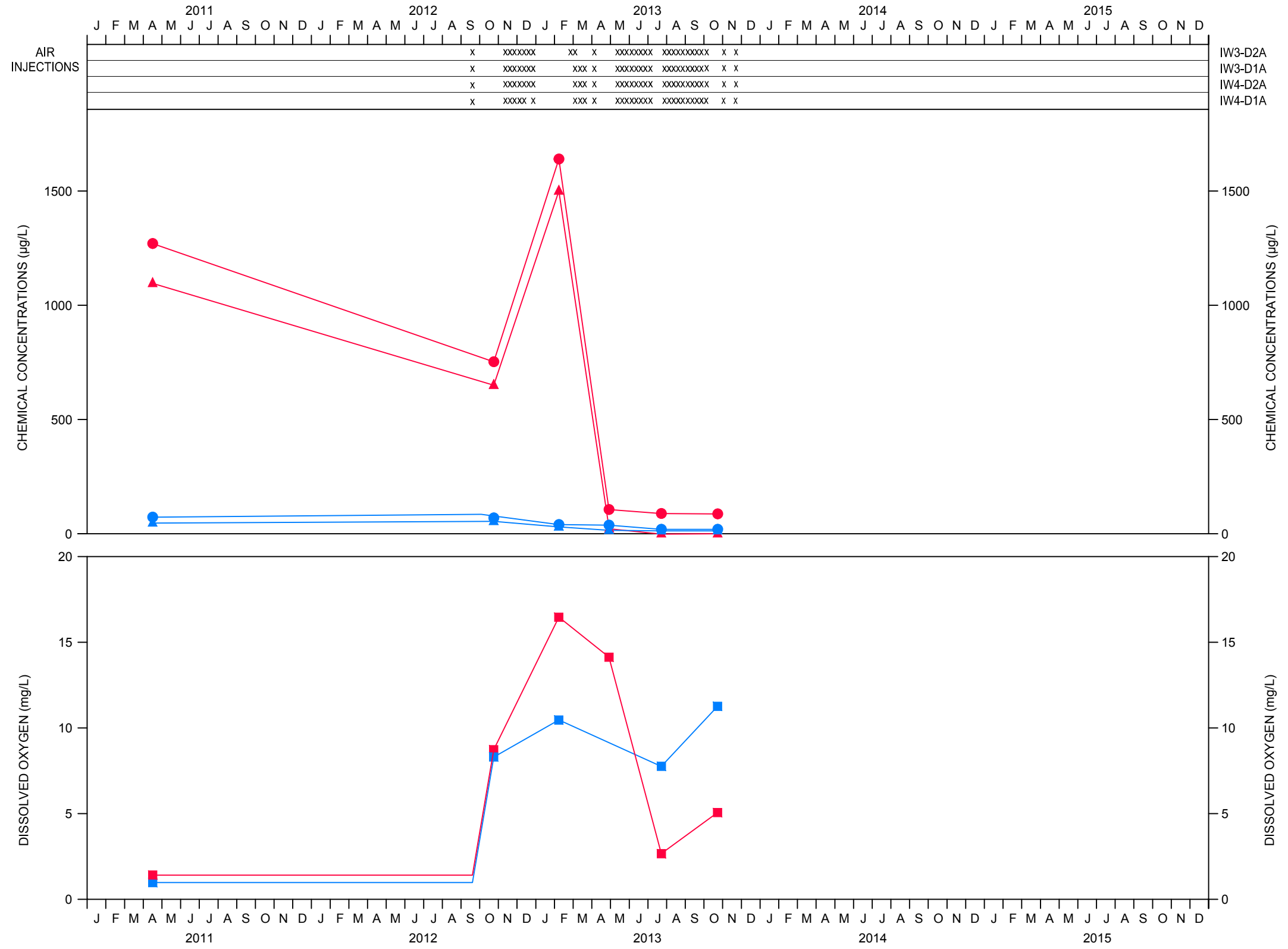


figure 17
 WELL NEST MW-76D1/D2
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



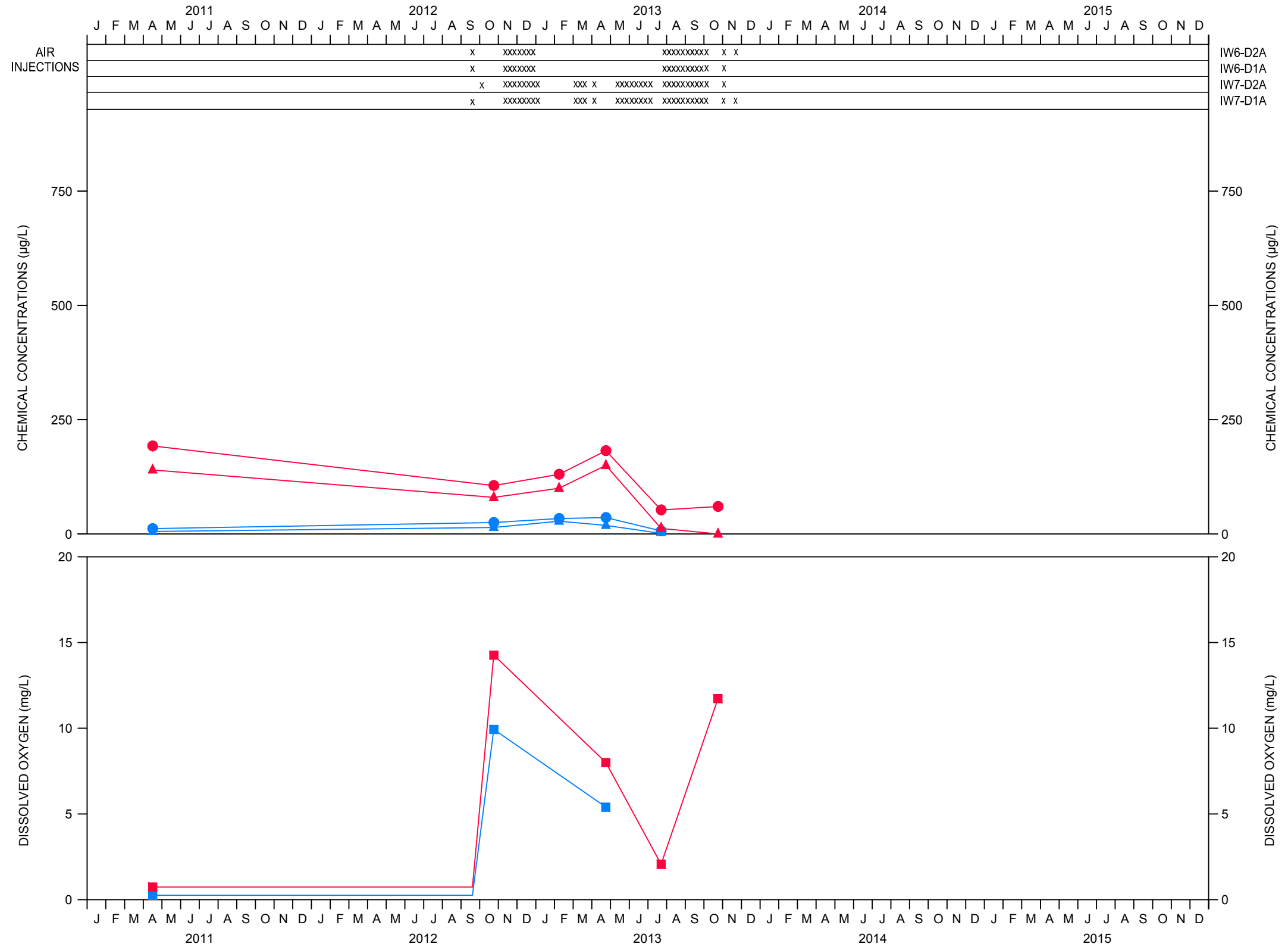


figure 18
 WELL NEST MW-77
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



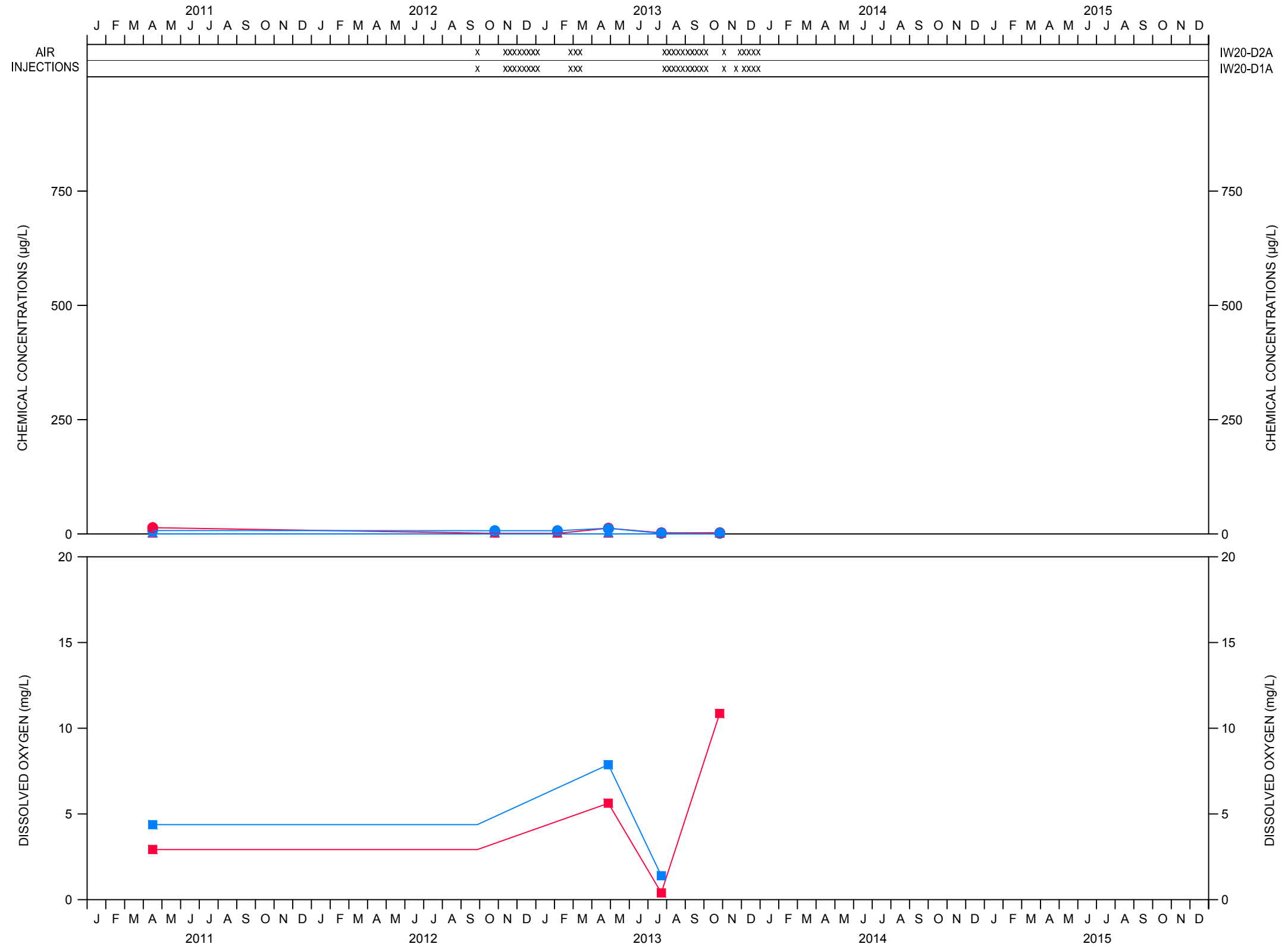


figure 19
 WELL NEST MW-85S/I
 CHEMICAL CONCENTRATION PLOTS
 MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



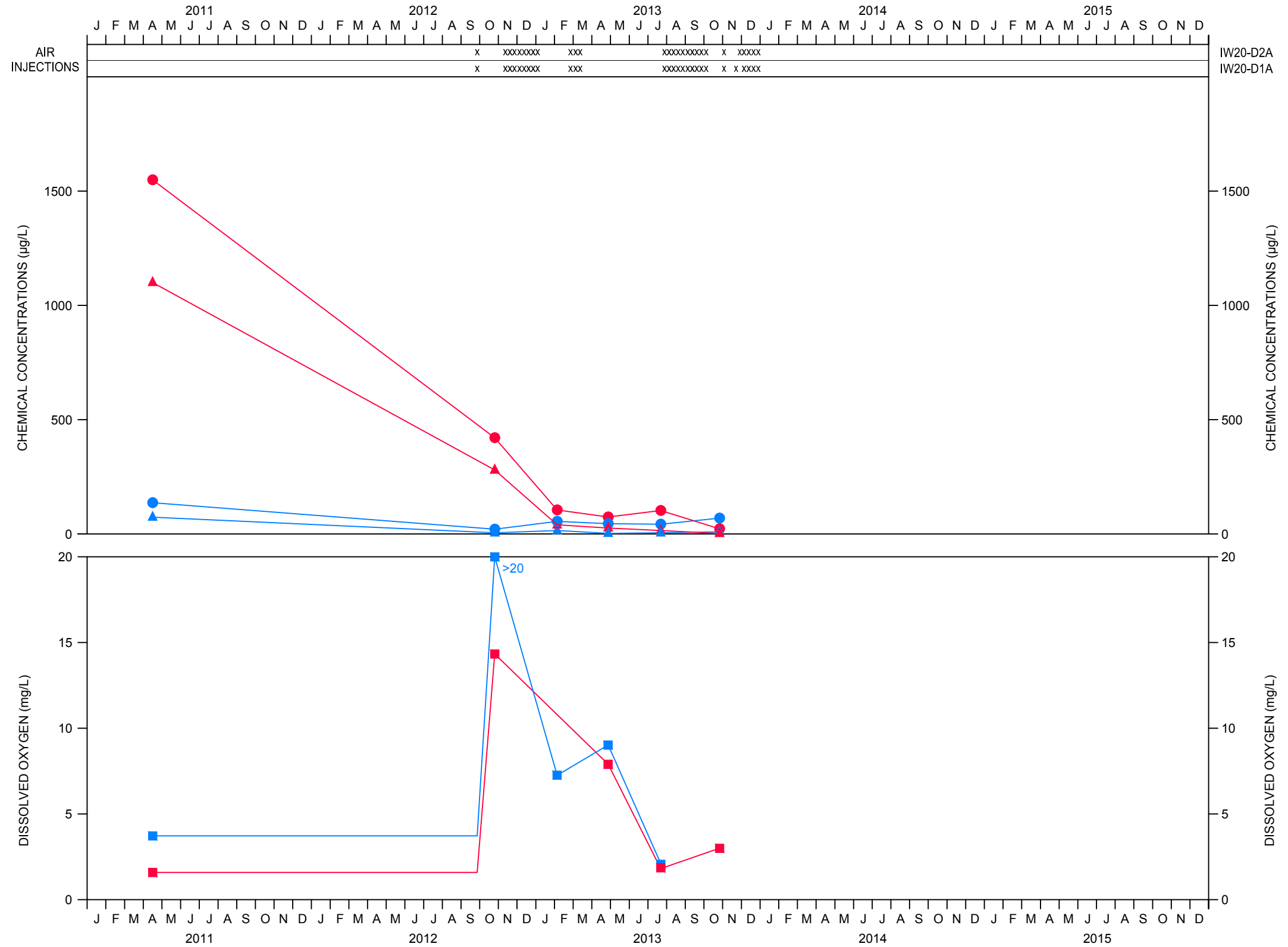


figure 20
 WELL NEST MW-85D1/D2
 CHEMICAL CONCENTRATION PLOTS
 MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



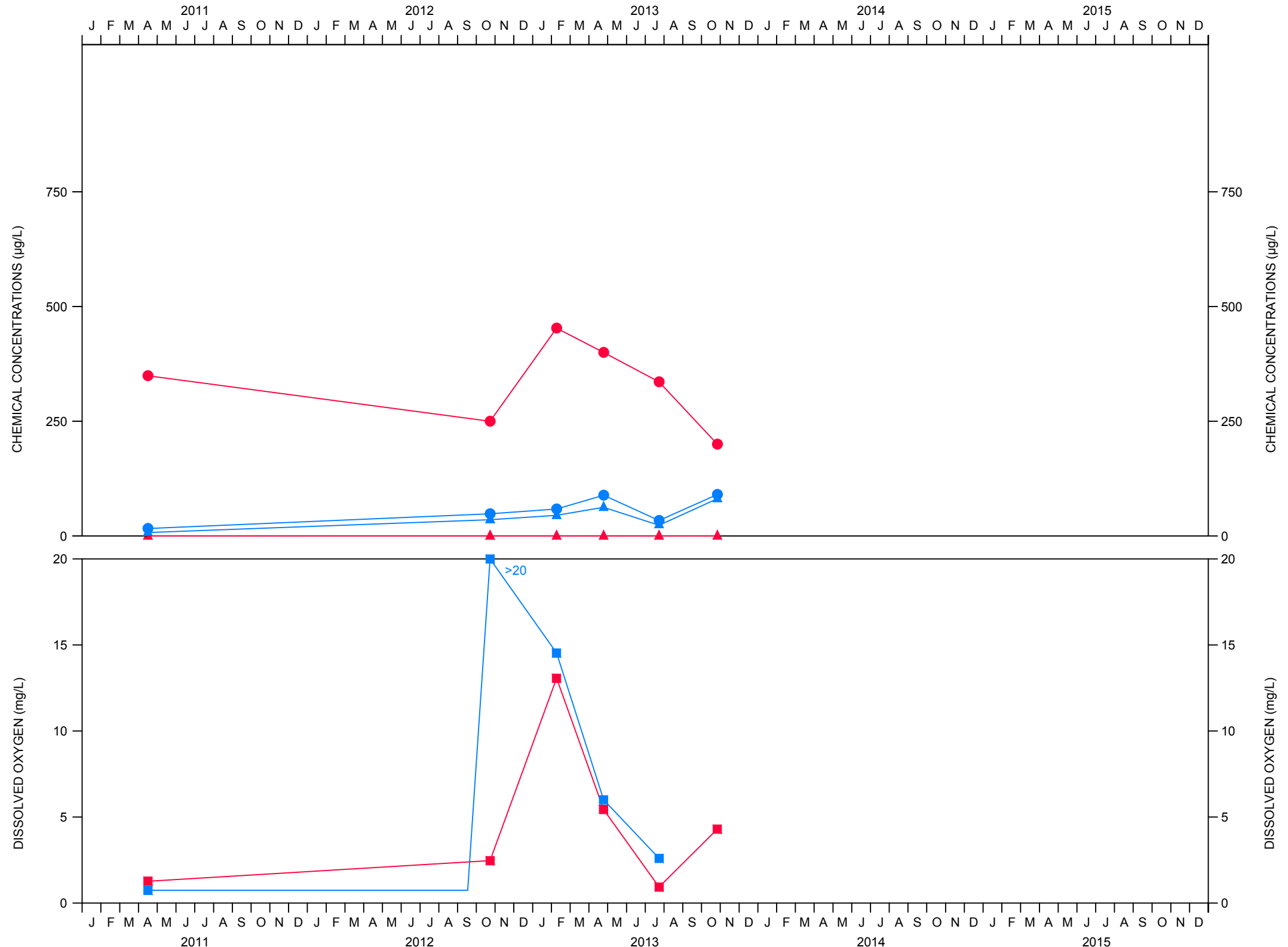


figure 21
 WELL NEST MW-86
 CHEMICAL CONCENTRATION PLOTS
 UPGRADIENT OF MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



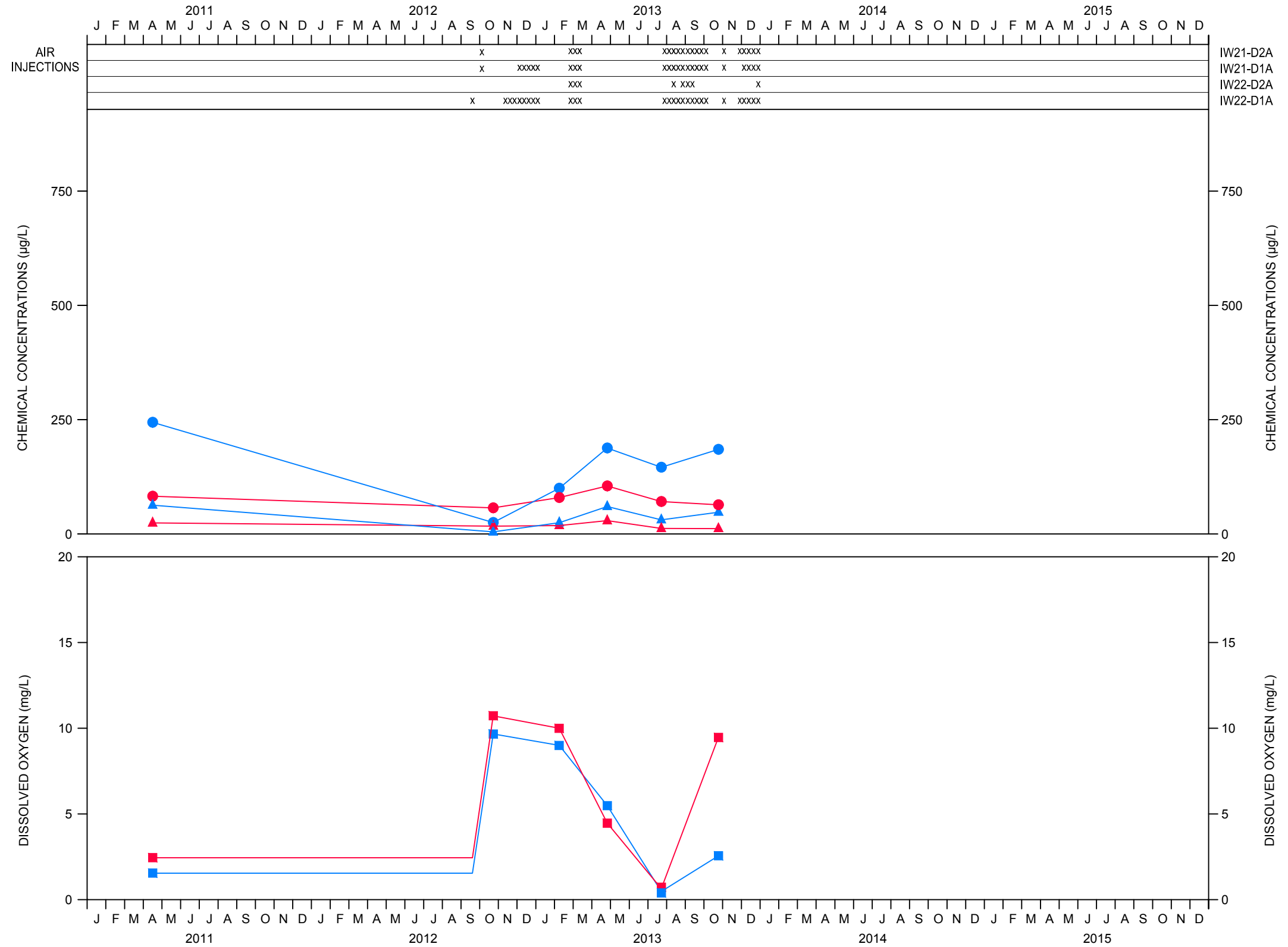


figure 22
 WELL NEST MW-89
 CHEMICAL CONCENTRATION PLOTS
 MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



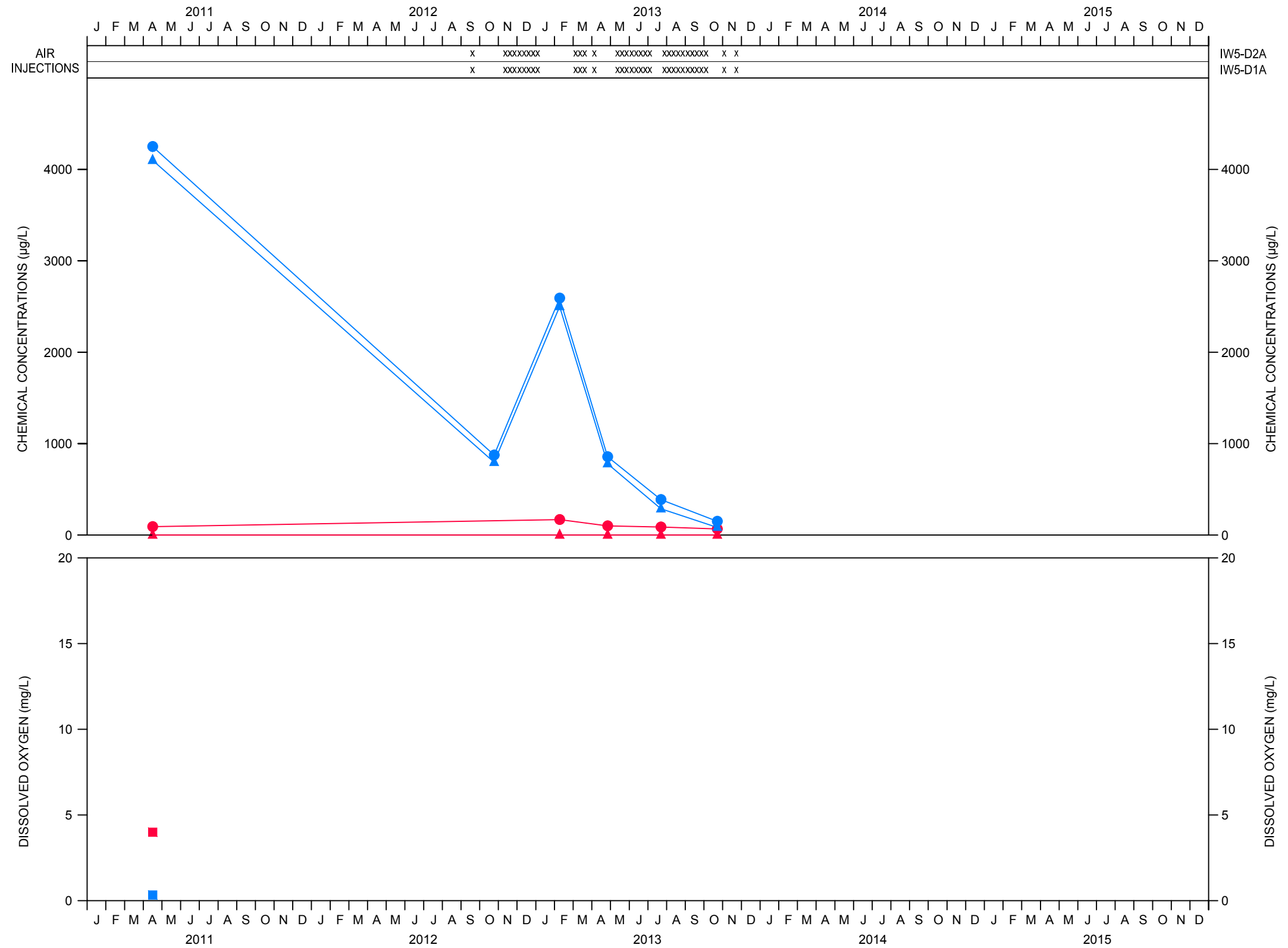


figure 23
 WELL NEST MW-90
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



**GLENN SPRINGS HOLDINGS INC.
HOOKER/RUCO SITE OPERABLE UNIT 3
HICKSVILLE, NEW YORK**

October through December 2013

<i>Task and Activity</i>	<i>Percentage of Activity Completed</i>	<i>Start Date</i>	<i>Scheduled Completion Date</i>	<i>Completion Date</i>
• Work Plan	100	July 1993		September 23, 1993
• Borehole/Well Installation (MW-50, MW-53, MW-54 and MW-55)	100	September 30, 1994		June 19, 1995
• Well Development, Sampling and Analysis	100	July 10, 1995		August 9, 1995
• Water Level Measurements	100	August 15, 1995		April, 1996
• Interim Report	100	May 23, 1995		June 15, 1995
• Interim Report - Addendum No. 1	100	July 28, 1995		August 2, 1995
• Grumman Production Wells Sample Collection and Analysis	100	August 1, 1995		October 4, 1995
• Well Installation (MW-51, MW-52, MW-56 and MW-57)	100	August 30, 1995		January 26, 1996
• Regional Groundwater Level Monitoring Event	100	October 3, 1995		October 3, 1995
• Well Development, Sampling and Analysis	100	January 22, 1996		July 5, 1996
• Grumman Groundwater Model	100	July 27, 1995		November 20, 1997
• Phase I Report	100	February 21, 1996		April 26, 1996
• Supporting Documentation Regarding the Effectiveness of In Situ Remediation	100	June 10, 1996		August 9, 1996
• Phase II Report	100	February 21, 1996		August 12, 1996
• Comments on DEC Draft Supplemental Feasibility Study	100	September 23, 1996		October 17, 1996
• Responses to Northrop Comments on the Phase I Report	100	April 17, 1997		June 6, 1997
• Comments on DEC Supplemental Feasibility Study	100	June 1, 1997		June 20, 1997
• Comments on Navy Regional Groundwater Feasibility Study	100	July 28, 1997		October 8, 1997
• Revised Pages for Navy Regional Groundwater Feasibility Study	100	July 28, 1997		November 3, 1997
• Comments on Groundwater Flow Model Report	100	November 20, 1997		December 5, 1997
• Comments on Draft Final Regional Groundwater Feasibility Study	100	March 27, 1998		May 1, 1998
• Comments on Northrop Letter Report	100	May 20, 1998		June 4, 1998
• Evaluation of MW-52 Area Groundwater Extraction System	100	July 1, 1998		July 29, 1998
• Remedial Investigation Report	100	December 1, 1998		January 21, 1999
• Feasibility Study Report	100	December 1, 1998		March 16, 1999
• Groundwater Treatability Study (GTS)	100	December 16, 1998		July 19, 1999
• Responses to EPA Comments on RI Report	100	May 25, 1999		June 11, 1999
• Responses to EPA Comments on FS Report	100	June 21, 1999		July 7, 1999
• Scope of Predesign Investigative Activities - Initial	100	June 1, 1999		June 11, 1999
- Revised	100	February 16, 2001		May 28, 2001
• Revised RI Report	100	May 25, 1999		November 16, 1999
• Revised FS Report	100	July 7, 1999		December 22, 1999

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October through December 2013

<i>Task and Activity</i>	<i>Percentage of Activity Completed</i>	<i>Start Date</i>	<i>Scheduled Completion Date</i>	<i>Completion Date</i>
• Responses to EPA Comments on GTS	100	October 14, 1999		November 3, 1999
• Responses to EPA Comments on FS Report Responses	100	October 14, 1999		November 3, 1999
• Obtain access agreements	100	June 1999		December 2001
• Final RI Report	100	March 15, 2000		July 21, 2000
• Final FS Report	100	April 10, 2000		July 25, 2000
• PRAP	100			July 28, 2000
• ROD	100			September 29, 2000
• Unilateral Administrative Order	100			April 26, 2001
• Evaluate VCM presence in GP-3	100			August 15, 2001
• Design Supplemental System for VCM in GP-3	100	August 15, 2001		December 2001
• EPA Conditional Approval for Predesign Activities	100			September 28, 2001
• Issued Request for Bid for Well Installation	100			October 26, 2001
• Contractor Arrangements	100			January 15, 2002
• Arrangements for Biosparge Testing of Existing Wells	100			April 12, 2002
• Biosparge Testing of Existing Wells	100	April 15, 2002		August 13, 2002
• Phase 1 Well Installation	100	February 4, 2002		June 28, 2002
• Upgrade of GP-1/GP-3 Treatment System	100	April 8, 2002		July 9, 2003
• Sample Wells	100	June 17, 2002		July 12, 2002
• Evaluate Pre-Design Information /Develop Scope of Biosparge Remedy	100			November 22, 2002
• Install 2 Additional Wells (MW-67/68)	100	December 18, 2002		February 14, 2003
• Sample Wells MW-67 & MW-68				March 25/26, 2003
• Responses to EPA comments on Predesign Information Report	100	March 6, 2003		March 27, 2003
• EPA Meeting				April 17, 2003
• Closed Well T-1	100			May 12, 2003
• MW-67/68 Installation Report	100			May 23, 2003
• Responses to EPA comments on March 27, 2003 Responses	100	June 25, 2003		July 29, 2003
• Pre-Final (95%) RD Report	100	July 7, 2003		October 31, 2003
• Responses to EPA comments on 95% RD Report	100	April 12, 2004		May 27, 2004
• Submitted Due Diligence Request to Northrop	100			May 10, 2004
• Follow up Due Diligence Clarification to Northrop 6/11 Data Package	100			June 25, 2004
• Offer to Northrop for Property Purchase	100			October 1, 2004
• Sample 13 Wells and Submit Results	100	August 23, 2004		October 14, 2004
• Responses to EPA Comments on 95% RD Report	100	November 17, 2004		December 6, 2004
• Revised Property Purchase offer submitted to Northrop	100	December 22, 2004		December 22, 2004

**GLENN SPRINGS HOLDINGS INC.
HOOKER/RUCO SITE OPERABLE UNIT 3
HICKSVILLE, NEW YORK**

October through December 2013

<i>Task and Activity</i>	<i>Percentage of Activity Completed</i>	<i>Start Date</i>	<i>Scheduled Completion Date</i>	<i>Completion Date</i>
• Prepare 100% RD Report	100	January 12, 2005		May 27, 2005
• Property Purchased	100			June 2005
• 100% Design Approved	100			July 7, 2005
• Obtain Building Permits	100	July 11, 2005		November 10, 2005
• Arrange Contractors	100	January 2005		July 22, 2005
• Well Installation	100	September 13, 2005		April 28, 2006
• Biosparge System Installation	100	November 2005		May 2006
• Closure of On-Site and Off-Site Wells	100	November 2005		May 10, 2006
• OU-1 Soil Borings	100	November 2005		January 11, 2006
• Background Groundwater Sampling	100	March 27, 2006		June 14, 2006
• Pre-Start Sampling	100			October 24, 25, and 26, 2006
• Final Inspection	100			October 27, 2006
• Biosparge System Start-Up	100			October 27, 2006
• First Monthly Sampling	100			November 28 to 30, 2006
• Second Monthly Sampling	100			December 20 and 21, 2006
• Noise Survey	100			January 18, 2007
• 2007 First Quarterly Sampling	100			January 23 to 30, 2007
• Submission of Phase I Construction Documents	100			February 1, 2007
• 2007 Second Quarterly Sampling	100			April 18 to 27, 2007
• 2007 Third Quarterly Sampling	100			July 16 to 27, 2007
• 2007 Fourth Quarterly Sampling	100			October 8 to 18, 2007
• Evaluation/Recommendation for Design Modifications	100			January 15, 2008
• 2008 First Quarterly Sampling	100			January 22 to 28, 2008
• 2008 Second Quarterly Sampling	100			April 16 to 25, 2008
• 2008 Third Quarterly Sampling	100			July 15 to 18, 2008
• 2008 Fourth Quarterly Sampling	100			October 21 to 30, 2008
• Construction of North Fence Underground Components	100			December 23, 2008
• 2009 First Semi-Annual Sampling	100			April 7 to 14, 2009
• Response to USEPA Biosparge System Comments	100	August 27, 2009		September 23, 2009
• 2009 Second Semi-Annual Sampling	100			October 13 to 21, 2009
• Submittal of Biodegradation Supporting Information	100			November 30, 2009
• Submittal of Revised Schedule	100			February 3, 2010
• Submittal of PDB/HydraSleeve™ Evaluation	100			February 11, 2010
• Trailing Edge Proposal	100			March 15, 2010

**GLENN SPRINGS HOLDINGS INC.
HOOKER/RUCO SITE OPERABLE UNIT 3
HICKSVILLE, NEW YORK**

October through December 2013

<i>Task and Activity</i>	<i>Percentage of Activity Completed</i>	<i>Start Date</i>	<i>Scheduled Completion Date</i>	<i>Completion Date</i>
• 2010 First Semi-Annual Sampling	100			May 3 to 25, 2012
• Distribution of RFP for Biosparge System Well Installation	100			June 25, 2010
• Contracted Well Driller	100			August 3, 2010
• 2010 Second Semi-Annual Sampling	100			November 15 to 29, 2010
• Install Biosparge System Wells	100	September 20, 2010		May 15, 2011
• 2011 First Semi-Annual Sampling & Site Wide Event	100			April 7 to May 19, 2011
• Distribution of RFP for Biosparge System Expansion	100			May 4, 2011
• Receipt of Bids	100			June 17, 2011
• Submittal of PDB/HydraSleeve™ Evaluation	100			August 31, 2011
• USEPA Concurrence For Use of PDB Samplers	100			September 22, 2011
• Update QAPP	100	September 22, 2011		October 24, 2011
• 2011 Second Semi-Annual Sampling	100			Nov. 30 to Dec. 1, 2011
• Revise Updated QAPP	100	December 6, 2011		January 3, 2012
• Address EPA Comments on revised updated QAPP and resubmit	100	February 17, 2012		April 13, 2012
• Construction of Remainder of Biosparge System	100	March 5, 2012		August 15, 2012
• 2012 First Semi-Annual Sampling	100			May 23 and 24, 2012
• Submit Interim Remedial Action Report	100			September 26, 2012
• Submit Electrical As-Built Drawings	100			October 10, 2012
• 2012 Second Semi-annual Sampling	100			October 24 to November 25, 2012
• 2013 First Quarter Sampling	100			January 8 to February 13, 2013
• Well Rehabilitation Works	100			March 8 to 29, 2013
• 2013 Second Quarter Sampling	100			April 24 to May 23, 2013
• 2013 Third Quarter Sampling	100			July 9 to 25, 2013
• 2013 Fourth Quarter Sampling	100			October 24 to November 7, 2013

**QUARTERLY REPORT
FOURTH QUARTER 2013 (OCTOBER THROUGH DECEMBER)
HOOKER RUCO SITE
HICKSVILLE, NEW YORK**

Well	Date Sampled	Drawdown from	Well Screen	pH	Temperature	Conductivity	ORP	DO	Turbidity	Fe ⁺²
		Initial Water Level (1) (4)	Volumes Purged (4)							
		(feet)		(S.U.)	(Celsius)	(mS/cm)	(mV)	(mg/L)	(NTU)	(mg/L)
MW-52S	4/7/2006	0.03	4.3	5.62	14.3	0.199	-7	0.00	0	1.60
	3/13/2007	0.20	6.1	6.34	14.8	0.652	5	1.64	58.4	1.66
MW-52I	4/13/2006	0.04	4.5	4.56	15.0	0.121	303	9.77	12.4	0.05
	3/14/2007	0.05	4.9	5.42	14.6	0.192	259	5.85	44.8	0.04
MW-52D	3/14/2007	0.00	5.3	5.67	14.7	0.314	226	3.07	307	0.11
MW-58D	10/26/2006	0.01	3.4	5.69	16.8	0.192	21	2.42	58.1	4.30
	5/18/2010	0.00	8.4	5.52	16.1	0.201	30	0.00	25	1.8
	11/21/2011	-0.02	NR	4.96	14.7	0.270	74	0.30	7	NR
	5/23/2013 ⁽⁵⁾	NA	NA	4.87	20.8	0.210	167	5.94	18	2.0
MW-58D1	10/26/2006	0.14	3.2	6.34	16.9	0.222	-101	2.58	68.6	8.80
	5/19/2010	0.00	10.4	6.21	16.3	0.221	-50	0.00	198	2.2
	11/21/2011	-0.02	NR	6.47	15.3	0.307	-48	0.52	27	NR
	5/23/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
MW-58D2	10/25/2006	0.11	2.8	6.95	17.3	0.266	-198	0.00	15.1	5.16
	4/29/2013	NA	NA	6.37	15.4	0.151	-81	7.70	35.8	3.87
MW-59D1	10/25/2006	0.00	2.0	6.07	17.4	0.432	-20	0.58	261	3.24
	11/29/2011	-0.07	NR	6.07	18.0	0.267	-43	0.30	60	NR
MW-59D2	10/25/2006	0.02	5.5	6.50	17.5	0.452	-99	0.47	240	2.00
	11/29/2011	-0.10	NR	6.60	17.3	0.260	-128	0.10	550	NR
MW-59D	10/26/2006	0.07	4.5	10.29	17.1	0.364	-108	0.00	9.6	2.65
	11/29/2011	0.03	NR	5.53	17.9	0.255	49	0.35	40	NR
MW-60S	5/23/2013	NA	NA	10.18	19.8	0.127	-233	4.74	565	>5.0
MW-60I	5/23/2013	NA	NA	6.57	21.2	0.201	-93	3.77	119	>5.0
MW-60D	5/23/2013	NA	NA	10.11	20.3	0.267	-204	4.60	122	2.43
MW-60D1	4/30/2013	NA	NA	7.10	17.4	0.315	-108	5.84	>1000	>5.0
MW-61S	10/19/2009	0.00	2.9	5.12	14.8	0.184	372	>20	165	0.02
	5/10/2010	0.00	5.5	6.81	14.6	0.223	100	10.95	0	0.0
MW-61I	4/28/2006	0.00	4.6	5.68	14.3	0.221	139	0.00	121	1.76
	5/8/2006	0.08	1.9	4.86	14.9	0.182	136	0.00	64.7	1.49
	5/18/2006	0.20	2.9	4.90	16.1	0.155	123	0.00	571	2.16
	5/30/2006	0.20	5.7	5.10	15.7	0.167	118	0.00	110	2.61
	10/24/2006	0.14	4.3	5.53	15.1	0.999	102	0.00	166	2.76
	10/25/2006	0.00	4.1	5.32	15.1	0.202	112	0.41	370	3.04
	10/26/2006	0.02	3.9	5.33	14.6	0.251	133	0.00	900	2.49
	11/29/2006	0.10	5.1	5.58	14.8	0.242	60	0.00	397	1.96
	11/29/2006	0.10	5.1	5.58	14.8	0.242	60	0.00	397	1.96
	12/21/2006	0.08	5.2	5.20	14.4	0.185	118	0.00	18.2	2.17
	1/24/2007	-0.05	4.5	5.54	14.9	0.275	101	1.93	46.4	1.84
	4/19/2007	0.00	6.1	5.88	14.7	0.320	124	3.21	254	0.03
	7/20/2007	0.16	9.3	5.29	15.7	0.189	90	0.37	2	5.19
	10/11/2007	0.22	10.7	5.61	15.6	0.193	50	3.56	33.6	3.12
	1/24/2008	-0.02	6.2	5.56	14.5	0.216	86	1.44	87.2	3.11
	4/23/2008	0.23	9.3	5.88	15.2	0.216	60	0.45	0	2.83
	7/16/2008	0.20	4.0	5.60	16.6	0.183	69	2.78	0	10.82
	10/28/2008	0.26	5.6	5.02	14.9	0.199	351	7.11	4.2	1.11
	4/8/2009	0.07	2.1	5.21	10.9	0.178	306	12.18	7.0	0.05
	10/15/2009	0.00	2.4	5.25	14.5	0.172	366	17.66	0	0.49
	5/10/2010	0.00	10.6	6.30	14.6	0.178	120	10.65	0	0.0
	1/20/2011	0.00	4.4	5.90	11.6	0.253	266	11.10	45	0.0
	4/19/2011	0.02	3.7	5.69	13.4	0.217	249	10.10	39.9	0.0
	11/30/2011	NA	NA	6.27	10.5	0.191	NM	12.81	280	NM
	5/23/2012	NA	NA	NM	NM	NM	NM	NM	NM	NM
	11/5/2012	NA	NA	6.28	11.1	0.220	111	11.23	130	3.99

**QUARTERLY REPORT
FOURTH QUARTER 2013 (OCTOBER THROUGH DECEMBER)
HOOKER RUCO SITE
HICKSVILLE, NEW YORK**

Well	Date Sampled	Drawdown from	Well Screen	pH	Temperature	Conductivity	ORP	DO	Turbidity	Fe ⁺²
		Initial Water Level (1) (4)	Volumes Purged (4)							
		(feet)		(S.U.)	(Celsius)	(mS/cm)	(mV)	(mg/L)	(NTU)	(mg/L)
MW-61D1	4/28/2006	0.00	4.7	6.07	14.5	0.210	122	0.00	356	1.78
	5/8/2006	0.05	5.7	5.07	15.0	0.210	101	0.00	172	2.77
	5/18/2006	0.16	2.9	5.18	16.2	0.170	91	0.00	>999	>3.30
	5/30/2006	0.25	4.5	5.27	15.9	0.196	93	0.00	138	4.66
	10/24/2006	0.01	4.4	5.49	15.2	0.999	110	0.00	72.4	2.30
	10/25/2006	0.08	4.1	5.33	15.1	0.201	107	0.65	129	3.74
	10/26/2006	0.03	3.9	5.41	14.9	0.273	109	0.00	86	2.99
	11/29/2006	0.00	3.6	5.72	14.9	0.246	54	0.00	310	1.92
	12/21/2006	0.08	5.8	5.29	14.6	0.192	90	0.00	80.7	2.59
	1/23/2007	0.00	8.1	5.73	14.3	0.389	54	1.21	137	1.84
	4/19/2007	0.14	8.1	6.19	14.6	0.304	79	6.66	95.9	0.26
	7/20/2007	0.23	11.7	5.31	16.4	0.163	83	0.44	20	3.30
	10/10/2007	0.00	4.9	5.84	15.5	0.198	26	3.39	27.2	4.20
	1/24/2008	0.18	5.4	5.58	14.4	0.244	78	1.33	38.7	3.21
	4/22/2008	0.08	13.1	5.90	15.5	0.220	60	0.41	321	2.91
	7/16/2008	0.36	6.2	5.42	16.1	0.158	87	2.35	0	2.13
	10/28/2008	0.06	1.8	4.88	15.1	0.182	335	3.75	215	0.21
	4/8/2009	0.15	8.8	5.23	14.5	0.183	267	12.77	9.2	0.08
	10/15/2009	0.00	3.4	5.32	14.2	0.179	336	10.11	0	0.96
	5/10/2010	0.00	7.7	6.18	14.5	0.223	140	10.15	0	0.0
MW-61D1	1/20/2011	0.00	3.1	6.16	10.1	0.346	231	18.80	42.5	0.0
	4/19/2011	-0.01	3.7	5.76	13.5	0.227	248	10.38	*	0.0
	11/30/2011	NA	NA	6.19	10.6	0.168	NM	13.21	177	NM
	5/23/2012	NA	NA	6.04	18.1	0.182	170	13.55	170	1.8
	11/5/2012	NA	NA	5.96	10.2	0.237	124	11.85	212	3.0
MW-61D2	4/28/2006	0.05	6.4	7.03	15.2	0.230	-186	0.00	413	2.00
	5/5/2006	0.00	10.5	6.65	15.1	0.370	-160	0.00	>999	10.08
	5/18/2006	0.30	4.9	6.63	16.1	0.294	-127	0.00	999	>3.30
	5/30/2006	0.00	4.4	6.32	15.8	0.249	-100	0.00	84.6	2.99
	10/24/2006	0.10	6.4	6.22	14.9	0.904	37	0.00	>999	0.15
	10/25/2006	0.20	4.4	5.77	15.1	0.236	27	1.42	316	5.46
	10/26/2006	0.25	4.2	5.63	14.9	0.233	62	1.94	550	4.04
	11/29/2006	0.00	4.4	6.25	14.8	0.253	110	11.12	>999	1.91
	12/21/2006	0.19	5.1	5.58	14.2	0.216	120	9.28	89.4	2.36
	1/23/2007	0.10	5.1	6.62	14.0	0.273	131	>20	>999	0.89
	4/23/2007	0.05	8.6	5.38	15.1	0.189	361	>20	231	0.21
	7/23/2007	0.04	5.1	5.19	17.6	0.219	71	13.45	>999	1.34
	10/11/2007	0.00	2.0	5.95	15.4	0.211	300	11.71	>999	0.21
	1/24/2008	-17.50	5.3	6.30	13.1	0.195	326	>20	228	0.78
	4/22/2008	7.38	6.0	6.73	14.1	0.239	248	14.49	>999	0.09
	7/15/2008	0.24	3.6	6.40	16.0	0.187	173	19.99	486	0.08
	10/27/2008	NM	6.7	5.92	15.6	0.222	381	>20	220	0.18
	4/9/2009	0.28	2.4	5.67	13.7	0.208	319	17.47	943	1.95
	10/14/2009	0.00	6.7	5.50	14.6	0.227	155	16.29	>999	2.80
	5/10/2010	0.00	4.9	5.70	14.8	0.153	224	19.51	60	0.0
11/16/2010	0.00	3.1	7.42	14.5	0.210	55	8.75	*	(2)	
4/7/2011	0.00	3.1	6.42	12.8	0.204	196	17.58	389	(2)	
5/23/2012	NA	NA	7.88	19.3	0.123	123	8.54	244	9	
5/2/2013	NA	NA	7.66	14.1	0.147	196	16.37	>1000	>5.0	
10/29/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM	NM

**QUARTERLY REPORT
FOURTH QUARTER 2013 (OCTOBER THROUGH DECEMBER)
HOOKER RUCO SITE
HICKSVILLE, NEW YORK**

Well	Date Sampled	Drawdown from	Well Screen	pH	Temperature	Conductivity	ORP	DO	Turbidity	Fe ⁺²
		Initial Water Level (1) (4)	Volumes Purged (4)							
		(feet)		(S.U.)	(Celsius)	(mS/cm)	(mV)	(mg/L)	(NTU)	(mg/L)
MW-62I	5/16/2007	0.10	7.1	5.31	14.1	0.278	59	0.00	113	0.69
	5/25/2010	0.00	3.1	5.08	16.5	0.152	14.8	0.00	0	4.2
MW-62D	5/16/2007	0.15	5.4	10.56	14.9	0.119	-125	0.00	570	0.38
	5/25/2010	0.00	4.9	7.23	16.8	0.186	-200	0.00	200	6.2
MW-63D1	5/23/2006	0.20	2.4	5.03	15.9	0.152	230	0.00	0.0	0.13
	5/24/2010	0.00	1.8	5.25	16.1	0.191	166	0.00	20	0.0
	5/1/2013	NA	NA	5.71	14.8	0.189	232	11.93	58.4	1.6
	10/24/2013	NA	NA	5.84	9.7	0.139	208	17.25	25.6	0.9
MW-63D2	5/24/2006	-0.21	5.5	5.30	15.0	0.152	246	0.41	6.5	NM
	6/14/2006	0.05	5.1	5.01	16.3	0.171	222	0.92	3.5	NM
	5/24/2010	0.00	4.1	5.28	16.0	0.199	169	0.00	NM	0.00
	5/1/2013	NA	NA	5.23	13.6	0.198	229	9.77	43.8	1.65
	10/24/2013	NA	NA	6.05	6.7	0.157	-17	11.03	18.8	3.86
MW-63S	5/19/2006	0.12	2.4	5.20	14.8	0.150	238	0.16	411	0.18
	5/21/2010	0.00	5.8	5.82	16.2	0.172	-111	0.00	132	0.06
	5/23/2013	NA	NA	6.36	21.0	0.193	74	4.53	17.1	1.33
	11/7/2013	NA	NA	8.12	15.6	0.240	7	8.91	36	3.16
MW-63I	5/23/2006	0.20	4.6	5.09	15.4	0.154	241	0.00	0.0	0.03
	5/21/2010	0.00	6.1	4.73	15.5	0.217	-102	0.00	130	0.0
	5/23/2013	NA	NA	6.17	20.8	0.183	75	4.40	27.7	1.7
	11/7/2013	NA	NA	8.31	15.5	0.243	70	11.37	19.8	0.7
MW-64S	3/23/2006	0.10	2.9	5.83	14.3	0.188	-18	0.00	13.8	4.71
	4/26/2007	0.00	5.3	6.71	14.2	0.304	-114	0.00	53.6	2.37
	5/24/2010	0.00	2.5	6.46	15.3	0.201	-98	0.00	10	4.0
MW-64I	3/24/2006	-0.01	3.6	5.87	14.1	0.203	-38	0.00	0.0	3.21
	4/26/2007	0.00	6.1	6.78	14.2	0.317	-121	0.00	17.5	1.87
	5/24/2010	0.00	3.3	6.62	15.3	0.218	-110	0.00	11	4.0
MW-64D	4/26/2007	0.00	2.7	6.72	14.6	0.324	-115	0.00	22.9	1.98
	5/24/2010	0.05	1.8	6.63	15.3	0.218	-107	0.00	16	2.30
MW-66D2	4/3/2006	0.03	5.2	5.23	15.2	0.197	-16	0.00	24.3	4.50
	4/25/2013	NA	NA	6.83	17.3	0.137	-44	6.58	399	0.21
	10/29/2013	NA	NA	8.10	13.7	0.149	-111	3.88	236	0.25
MW-67S	3/28/2006	0.35	5.2	5.88	15.7	0.206	-117	0.00	271	4.36
	5/20/2010	0.00	4.9	6.73	18.4	0.354	-170	0.00	NM	7.0
	11/22/2011	-0.11	NR	6.74	13.5	0.183	-35	0.14	>1000	NR
	4/25/2013	NA	NA	4.48	15.1	0.164	45	5.14	602	1.9
	10/29/2013	NA	NA	8.97	14.3	0.058	-161	2.49	637	1.0
MW-67D	3/29/2006	0.47	4.3	5.64	17.1	0.223	86	0.50	>999	4.22
	5/20/2010	0.00	7.4	6.60	18.3	0.234	-187	1.30	NM	0.2
	11/22/2011	0.03	NR	5.57	15.2	0.144	129	2.97	30	NR
	4/25/2013	NA	NA	4.40	11.6	0.066	45	11.98	125	1.9
	10/29/2013	NA	NA	9.73	13.5	0.131	-204	3.78	39.8	0.0
MW-68S	4/6/2006	-0.10	5.1	8.87	17.4	0.144	-281	0.00	27.8	0.60
	11/28/2011	-0.17	NR	6.51	17.2	0.309	-107	0.05	>1000	NR
	4/25/2013	NA	NA	5.96	14.2	0.079	-190	6.84	64.6	1.93
	10/29/2013	NA	NA	8.40	11.3	0.119	-128	3.58	48.8	0.97
MW-68D	3/31/2006	0.10	5.1	5.67	17.6	0.165	-150	0.00	440	4.86
	5/19/2010	0.00	9.2	5.89	16.2	0.157	-29	0.00	79	2.40
	11/28/2011	0.04	NR	5.79	18.2	0.170	-38	0.97	160	NR
	4/25/2013	NA	NA	6.10	15.0	0.119	-174	5.88	NM	0.73
	10/29/2013	NA	NA	7.76	12.0	0.135	-91	4.12	514	0.19
MW-70D1	4/11/2011	0.00	2.5	6.90	15.3	0.220	-135	0.69	13.8	4.0
	10/25/2012	NA	NA	NM	NM	NM	NM	NM	NM	NM
	2/4/2013	NA	NA	6.69	5.6	0.192	8	4.80	384	3.0
	4/26/2013	NA	NA	4.08	15.9	0.212	170	9.35	346	3.5
	7/23/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	10/24/2013	NA	NA	5.25	10.0	0.078	38	12.56	214	2.8
MW-70D2	4/11/2011	0.00	3.1	6.72	16.8	0.270	-122	0.66	26.0	2.0
	10/25/2012	NA	NA	6.54	14.7	0.237	-4	8.78	350	3.2
	2/4/2013	NA	NA	6.78	7.3	0.228	27	11.14	999	0.0
	4/26/2013	NA	NA	6.86	17.1	0.190	-19	7.89	780	>5.0
	7/23/2013	NA	NA	5.58	23.8	0.110	16	1.88	224	1.2
	10/24/2013	NA	NA	7.19	13.8	0.079	-17	3.95	291	0.1

**QUARTERLY REPORT
FOURTH QUARTER 2013 (OCTOBER THROUGH DECEMBER)
HOOKER RUCO SITE
HICKSVILLE, NEW YORK**

Well	Date Sampled	Drawdown from	Well Screen	pH	Temperature	Conductivity	ORP	DO	Turbidity	Fe ⁺²
		Initial Water Level (1) (4)	Volumes Purged (4)							
		(feet)		(S.U.)	(Celsius)	(mS/cm)	(mV)	(mg/L)	(NTU)	(mg/L)
MW-72D1	4/12/2011	0.01	1.7	7.08	14.4	0.224	-159	0.57	109	3.5
	10/25/2012	NA	NA	5.00	14.7	0.141	139	9.82	470	1.0
	2/4/2013	NA	NA	10.49	6.6	0.157	54	4.65	6.98	1.0
	5/1/2013	NA	NA	7.20	18.1	0.131	103	10.48	981	3.7
	7/23/2013	NA	NA	5.60	28.6	0.081	-11	2.37	145	>5.0
	10/24/2013	NA	NA	7.24	12.8	0.094	-80	4.60	535	4.6
MW-72D2	4/13/2011	0.00	3.1	7.25	12.8	0.224	-210	0.37	290	2.0
	10/25/2012	NA	NA	4.16	15.3	0.281	76	7.52	85.2	0.8
	2/4/2013	NA	NA	11.03	4.3	0.180	48	7.77	563	0.4
	5/1/2013	NA	NA	8.38	17.5	0.199	-32	9.69	735	>5.0
	7/23/2013	NA	NA	7.15	23.8	0.185	-134	2.03	647	3.7
	10/24/2013	NA	NA	7.80	14.0	0.154	-144	3.20	0.0	3.2
MW-73D1	4/25/2011	-0.87	2.5	7.02	15.0	0.218	-155	2.56	48.4	3.5
	10/26/2012	NA	NA	6.34	17.8	0.104	7	11.93	800	5.0
	2/13/2013	NA	NA	4.48	12.1	0.221	296	9.91	NM	0.0
	5/1/2013	NA	NA	6.92	16.8	0.144	-44	10.87	831	>5.0
	7/24/2013	NA	NA	6.98	24.3	0.089	-128	0.86	>999	3.0
	10/25/2013	NA	NA	7.05	13.2	NM	-51	2.94	0.0	0.3
MW-73D2	4/25/2011	0.00	3.1	6.29	15.1	0.204	-53	1.86	0.7	3.5
	10/26/2012	NA	NA	6.42	18.6	0.139	12	8.07	800	5.0
	2/13/2013	NA	NA	4.76	11.7	0.035	332	12.53	NM	0.0
	5/1/2013	NA	NA	7.38	17.3	0.146	-95	7.63	448	>5.0
	7/24/2013	NA	NA	6.92	21.6	0.123	-29	1.95	629	3.6
	10/25/2013	NA	NA	7.15	17.5	0.077	-32	1.74	485	1.3
MW-75D1	12/1/2011	NA	NA	6.96	15.1	0.337	NM	3.20	101	NM
	10/24/2012	NA	NA	6.48	17.3	0.497	-35	9.41	25.7	1.6
	2/4/2013	NA	NA	8.88	6.5	0.559	-48	6.09	24.1	0.0
	4/30/2013	NA	NA	6.04	17.2	0.364	1	11.07	35.3	4.1
	7/24/2013	NA	NA	6.54	22.9	0.356	-138	1.32	131	2.2
	10/24/2013	NA	NA	5.67	7.7	0.184	48	11.80	22.9	3.2
MW-75D2	12/1/2011	NA	NA	8.11	13.0	0.171	NM	10.91	107	NM
	10/24/2012	NA	NA	6.50	16.9	0.229	-23	2.63	0	0.0
	2/4/2013	NA	NA	9.83	5.4	0.240	-55	16.33	34.4	0.0
	4/30/2013	NA	NA	5.76	17.0	0.248	26	12.20	63.5	3.9
	7/24/2013	NA	NA	6.56	24.5	0.199	-136	1.32	13.6	2.2
	10/24/2013	NA	NA	6.63	12.3	0.171	-92	5.56	10.7	0.0
MW-76S	4/6/2011	0.00	3.1	6.87	14.0	0.441	-148	0.78	85.6	7.0
	10/25/2012	NA	NA	6.04	14.5	0.242	45	9.18	104	1.6
	2/6/2013	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/24/2013 ⁽⁵⁾	NA	NA	6.18	17.20	0.234	-70	5.76	63.2	1.25
	7/23/2013	NA	NA	6.16	24.00	0.269	-157	1.71	119.0	2.90
	10/25/2013	NA	NA	6.17	13.80	0.201	-1	4.33	88.6	0.56
MW-76I	4/8/2011	0.00	2.5	6.84	12.7	0.628	159	1.48	71.8	4.0
	10/25/2012	NA	NA	6.46	14.5	0.408	-23	8.51	166	4.25
	2/6/2013	NA	NA	6.93	9.3	0.324	4	16.35	250	2.2
	4/24/2013	NA	NA	6.15	16.4	0.221	-74	4.90	NM	>5.0
	7/23/2013	NA	NA	6.25	22.7	0.211	0	2.14	>999	2.9
	10/25/2013	NA	NA	6.08	14.1	0.163	4	3.56	0	0.5
MW-76D1	4/11/2011	0.00	3.1	6.91	13.8	0.185	-123	0.98	45.0	2.0
	10/25/2012	NA	NA	6.45	14.6	0.375	-14	8.32	295	5.00
	2/6/2013	NA	NA	7.37	8.7	0.206	-16	10.47	300	3.00
	4/30/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	7/23/2013	NA	NA	6.46	23.5	0.153	-148	7.76	359	3.94
	10/25/2013	NA	NA	4.43	12.1	0.085	97	11.27	210	0.08
MW-76D2	4/8/2011	0.00	3.1	6.53	13.6	0.248	-59	1.37	178	4.8
	10/25/2012	NA	NA	6.52	14.6	0.253	-19	8.71	163	0.0
	2/6/2013	NA	NA	8.66	8.7	0.276	-76	16.45	100	0.0
	4/30/2013	NA	NA	6.55	16.7	0.197	15	14.13	398	2.2
	7/23/2013	NA	NA	5.88	23.2	0.180	-73	2.65	>999	>5.0
	10/25/2013	NA	NA	5.92	12.7	0.132	13	5.07	195	5.1

**QUARTERLY REPORT
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HOOKER RUCO SITE
HICKSVILLE, NEW YORK**

Well	Date Sampled	Drawdown from	Well Screen	pH	Temperature	Conductivity	ORP	DO	Turbidity	Fe ⁺²
		Initial Water Level (1) (4)	Volumes Purged (4)							
		(feet)		(S.U.)	(Celsius)	(mS/cm)	(mV)	(mg/L)	(NTU)	(mg/L)
MW-77D1	4/14/2011	0.00	3.1	6.20	15.6	0.297	-194	0.24	36.4	3.5
	10/25/2012	NA	NA	6.20	15.5	0.106	5	9.93	252	0.0
	2/6/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/26/2013	NA	NA	8.86	18.4	0.18	-64	8.03	589	3.52
	7/24/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
MW-77D2	4/14/2011	0.00	3.1	6.66	14.2	0.206	-111	0.72	11.2	4.0
	10/25/2012	NA	NA	6.60	15.2	0.190	-35	14.28	31	0.0
	2/6/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/26/2013	NA	NA	7.92	18.0	0.161	-141	5.39	5.20	>5.0
	7/24/2013	NA	NA	6.43	21.2	0.165	-79	2.06	68.3	1.46
MW-81D1	10/25/2013	NA	NA	5.66	11.3	0.058	27	11.71	322	1.17
	4/12/2006	0.16	2.9	6.44	14.5	0.228	-65	0.00	132	1.47
	5/2/2006	0.05	2.9	5.44	15.1	0.303	-31	0.00	0.9	3.20
	5/17/2006	0.00	3.9	6.04	16.8	0.263	-75	0.00	86.4	2.81
	5/25/2006	0.07	2.5	5.62	15.6	0.268	-32	0.00	31.1	>3.3
	10/24/2006	0.08	4.0	5.72	14.5	0.420	15	2.26	14	3.23
	10/25/2006	0.21	0.7	5.77	15.3	0.349	-55	3.01	0.0	9.76
	10/26/2006	-0.08	1.3	6.02	14.7	0.321	-25	0.00	0.0	10.12
	1/29/2007	-0.07	6.1	6.19	13.1	0.429	-55	2.26	704	2.36
	4/19/2007	0.18	5.3	6.20	14.2	0.380	-128	0.00	629	2.06
	7/23/2007	0.07	5.3	6.13	15.9	0.247	-22	0.74	9.2	5.19
	10/9/2007	0.00	7.9	6.02	15.8	0.228	-77	3.08	5.1	4.98
	4/21/2008	0.06	3.6	6.67	15.5	0.181	-99	0.92	0.0	2.69
	10/28/2008	0.00	4.0	5.13	15.3	0.215	292	17.31	336	2.04
	4/7/2009	0.07	4.7	5.75	13.1	0.274	158	0.04	0.0	5.52
	10/15/2009	0.00	1.3	5.30	13.8	0.210	216	8.90	30.7	0.71
	5/6/2010	0.00	2.7	6.03	16.5	0.159	72	0.00	54.3	2.2
	11/17/2010	-0.02	1.8	5.75	15.1	0.116	327	3.54	0.0	0.0
	4/7/2011	0.41	4.3	6.22	13.7	0.210	27	0.48	229	2.2
	11/30/2011	NA	NA	7.16	10.8	0.146	NM	12.58	77.4	NM
5/23/2012	NA	NA	8.72	18.6	0.135	80	9.90	156	0.44	
11/5/2012	NA	NA	*	12.9	0.182	112	12.24	79.5	2.88	
5/2/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM	
10/28/2013	NA	NA	8.55	14.1	0.135	-137	8.41	29.6	0.68	
MW-81D2	4/12/2006	0.05	2.4	5.79	15.2	0.357	-51	0.00	4.1	5.04
	5/4/2006	0.00	5.8	6.12	16.8	0.204	-6	1.10	119	1.37
	5/18/2006	0.12	3.4	8.18	15.1	0.220	-58	0.00	906	>3.30
	5/26/2006	0.21	3.2	8.58	15.8	0.225	-129	0.00	>999	>3.3
	10/24/2006	0.09	3.2	6.33	14.5	0.263	78	16.87	396	2.37
	10/25/2006	-0.04	1.9	6.49	15.7	0.251	73	17.96	170	0.40
	10/26/2006	0.21	1.9	7.64	15.1	0.229	93	15.00	>999	0.74
	1/24/2007	-0.05	5.9	7.21	13.1	0.234	-39	2.90	>999	0.98
	4/18/2007	0.00	1.3	9.84	12.5	0.301	-110	0.00	519	2.71
	7/19/2007	0.08	2.6	6.03	17.6	0.181	48	14.10	121	1.48
	10/10/2007	0.18	7.5	6.72	15.3	0.180	35	7.45	413	9.39
	4/18/2008	0.00	2.4	6.50	15.8	0.171	81	4.23	130	0.45
	10/22/2008	0.10	1.8	7.20	15.6	0.147	107	>20	0.0	0.09
	4/7/2009	0.07	1.3	6.12	12.4	0.161	326	10.58	31.8	0.45
	10/14/2009	0.03	3.4	6.13	15.1	0.162	227	18.39	14.9	0.50
	5/10/2010	-0.06	1.9	6.41	14.9	0.133	93	9.69	0.0	0.50
	11/16/2010	-0.24	4.3	6.32	14.5	0.137	254	13.28	297	1.0
	4/7/2011	0.00	4.9	6.46	13.6	0.181	85	2.92	0.0	0.0
	11/30/2011	NA	NA	6.57	12.8	0.184	NM	11.01	83.0	NM
	5/23/2012	NA	NA	8.90	17.8	0.128	64	10.23	0	1.8
11/5/2012	NA	NA	*	NM	NM	NM	NM	NM	NM	
5/2/2013	NA	NA	7.68	14.6	0.162	46	17.28	489	3.9	
10/28/2013	NA	NA	10.12	14.0	0.121	NM	2.97	39	0.0	

**QUARTERLY REPORT
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HOOKER RUCO SITE
HICKSVILLE, NEW YORK**

Well	Date Sampled	Drawdown from	Well Screen	pH	Temperature	Conductivity	ORP	DO	Turbidity	Fe ⁺²	
		Initial Water Level (1) (4)	Volumes Purged (4)								
		(feet)		(S.U.)	(Celsius)	(mS/cm)	(mV)	(mg/L)	(NTU)	(mg/L)	
MW-82D1	4/17/2006	0.00	2.8	6.88	16.4	0.391	-126	0.00	10.8	1.28	
	4/25/2006	0.12	4.9	6.23	17.2	0.351	-170	0.00	281	1.89	
	5/11/2006	0.10	2.4	6.39	16.5	0.356	-190	0.00	150	4.32	
	5/25/2006	0.00	6.6	6.27	17.8	0.341	-200	0.00	226	5.22	
	5/31/2006	0.00	5.0	6.98	20.8	0.374	-214	0.00	297	5.28	
	10/24/2006	0.23	0.9	6.44	14.5	0.411	-119	1.93	202	6.14	
	10/25/2006	0.00	1.6	7.37	14.5	0.491	-154	0.00	9	9.36	
	10/26/2006	0.02	1.0	6.63	16.0	0.317	-142	2.77	116	6.32	
	11/30/2006	-0.30	2.6	7.39	15.8	0.463	-158	0.00	252	1.86	
	12/20/2006	0.05	2.3	6.89	12.9	0.327	-149	0.00	146	1.98	
	1/25/2007	0.05	5.7	7.25	12.9	0.440	-145	1.21	48.8	1.94	
	4/20/2007	0.05	2.6	6.76	18.1	0.305	-153	0.76	357	2.79	
	7/25/2007	0.05	3.0	5.39	23.0	0.186	95	15.15	73	2.58	
	10/18/2007	0.04	3.6	6.04	18.1	0.219	125	0.73	339	5.25	
	1/23/2008	0.00	4.2	6.13	13.3	0.239	-38	1.89	7.8	5.82	
	4/25/2008	0.45	4.3	4.35	17.5	0.183	108	0.13	81.2	1.49	
	7/18/2008	0.03	5.3	5.73	17.6	0.147	96	3.38	0	NM	
	10/30/2008	0.00	3.7	4.79	15.9	0.168	309	<20	137	NM	
	4/13/2009	0.04	3.5	5.81	14.3	0.184	328	5.35	145	0.21	
	10/20/2009	0.03	2.7	5.50	16.4	0.176	231	8.08	0.0	0.26	
	5/12/2010	-0.06	1.8	5.81	14.2	0.161	53	7.01	527	0.0	
	11/17/2010	0.02	1.8	6.12	16.5	0.097	307	8.00	321	NM	
	5/19/2011	0.20	3.1	5.95	15.5	0.161	277	6.70	9.7	0.0	
	12/1/2011	NA	NA	7.14	10.7	0.178	NM	14.35	151.0	NM	
	5/23/2012	NA	NA	6.77	18.1	0.138	138	7.91	130.0	5.0	
	10/26/2012	NA	NA	7.40	18.5	0.154	95	7.18	43.3	0.67	
	5/1/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM	
	10/25/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM	
	MW-82D2	4/17/2006	0.08	3.6	6.14	16.2	0.256	-152	0.00	636	5.12
		4/24/2006	0.00	4.3	7.34	15.7	0.295	-367	0.00	315	1.64
5/25/2006		0.00	2.9	6.06	17.2	0.239	-140	0.00	95	3.02	
6/5/2006		0.05	3.0	6.52	17.7	0.251	-139	0.00	65.1	6.40	
5/31/2006		0.00	3.9	6.54	16.7	0.239	-125	0.00	27.9	6.58	
10/24/2006		0.07	4.1	6.91	16.3	0.231	-166	0.38	234	10.44	
10/25/2006		-0.08	1.0	6.07	15.4	0.282	-95	1.98	6.8	11.64	
10/26/2006		0.14	1.3	6.23	17.5	0.260	-110	3.37	59	8.60	
11/30/2006		0.00	2.7	7.48	16.6	0.313	-179	0.00	37.9	2.31	
12/20/2006		0.00	3.4	7.11	14.1	0.226	-178	0.00	14.1	0.34	
1/25/2007		0.00	3.2	7.23	13.5	0.284	-147	1.70	66.1	2.01	
4/20/2007		0.00	3.4	6.87	18.9	0.182	-183	0.61	182	1.91	
7/25/2007		0.05	3.7	6.49	18.9	0.211	-192	0.50	47	6.56	
10/18/2007		0.05	5.2	9.88	20.6	0.499	-359	2.93	760	1.22	
1/23/2008		0.00	4.2	6.59	13.9	0.183	-147	1.51	61.5	4.74	
4/24/2008		0.28	2.9	7.80	19.0	0.217	-352	0.00	0	2.43	
7/18/2008		0.00	4.7	7.66	25.0	0.153	-472	0.00	0	16.32	
10/30/2008		0.00	1.9	5.62	15.4	0.169	-3	0.84	138	3.01	
4/13/2009		0.03	3.6	6.49	16.5	0.249	282	>20	113	0.05	
10/20/2009		0.09	4.4	6.98	16.5	0.197	-260	0.07	4.5	1.13	
5/12/2010		0.00	3.1	7.38	15.1	0.165	-137	0.00	42	1.0	
11/18/2010		0.17	1.5	6.75	14.8	0.109	276	0.83	21	1.2	
4/27/2011		0.02	4.9	6.52	15.8	0.187	-19	3.38	4.5	1.0	
12/1/2011		NA	NA	8.64	10.4	0.160	NM	11.74	477	NM	
5/23/2012	NA	NA	7.43	17.9	0.159	123	7.97	474	5.0		
10/26/2012	NA	NA	7.91	18.3	0.162	56	>20	0	3.2		
5/1/2013	NA	NA	7.31	17.3	0.158	238	8.33	>1000	>5.0		
10/25/2013	NA	NA	8.40	11.5	0.160	-127	11.22	144	0.0		

**QUARTERLY REPORT
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HOOKER RUCO SITE
HICKSVILLE, NEW YORK**

Well	Date Sampled	Drawdown from	Well Screen	pH	Temperature	Conductivity	ORP	DO	Turbidity	Fe ⁺²
		Initial Water Level (1) (4)	Volumes Purged (4)							
		(feet)		(S.U.)	(Celsius)	(mS/cm)	(mV)	(mg/L)	(NTU)	(mg/L)
MW-83D1	4/11/2006	0.08	4.3	10.04	15.3	0.472	-195	0.00	648	0.20
	5/1/2006	0.07	4.5	10.35	17.1	0.518	-125	0.00	178	0.44
	5/16/2006	0.01	5.7	11.56	13.5	0.978	-235	0.00	>999	1.20
	5/24/2006	0.05	6.3	10.89	16.0	0.375	-211	0.00	350	1.36
	10/24/2006	0.20	1.0	11.70	13.1	1.190	70	0.00	108	1.94
	10/25/2006	0.11	2.0	12.80	14.4	0.990	-146	0.00	102	0.23
	10/26/2006	0.24	3.1	10.30	14.1	0.561	-64	2.06	9.9	0.06
	1/30/2007	0.03	5.3	11.07	13.4	0.342	6	1.74	79.4	0.01
	4/18/2007	0.00	4.9	10.70	12.7	0.256	-70	0.00	690	0.0
	7/17/2007	0.00	2.4	10.70	16.3	0.271	-14	0.41	12	0.04
	10/12/2007	0.00	12.4	10.10	15.3	0.226	64	3.00	127	0.13
	1/22/2008	0.03	4.4	10.52	13.5	0.283	174	8.34	0.0	0.12
	4/17/2008	0.00	8.4	10.08	14.6	0.275	151	2.32	163	0.03
	7/15/2008	0.03	8.0	9.26	14.9	0.103	216	1.91	0	NM
	10/24/2008	0.03	4.1	8.65	15.6	0.264	291	8.31	35.1	0.04
	4/8/2009	0.10	6.2	7.71	13.7	0.276	274	1.44	61.1	0.09
	10/14/2009	0.01	4.0	7.01	14.9	0.285	361	13.17	141	0.41
	5/5/2010	0.02	6.1	5.50	15.3	0.254	284	3.50	9.1	NM
	11/15/2010	0.05	2.5	8.36	15.2	0.216	271	9.14	317	0.0
	4/7/2011	0.00	3.1	7.12	13.1	0.259	135	4.18	11.8	0.0
	11/30/2011	NA	NA	4.95	13.2	0.187	NM	>20	>999	NM
	5/23/2012	NA	NA	9.47	18.9	0.381	132	12.32	150	0.0
	10/24/2012	NA	NA	5.40	16.3	0.285	276	7.22	105	0.0
	5/1/2013	NA	NA	6.88	18.9	0.195	212	19.10	108	2.9
	10/29/2013	NA	NA	6.68	13.6	0.100	NM	13.65	15.7	0.5
	MW-83D2	5/2/2006	-0.25	3.6	6.00	15.0	0.235	7.22	1.70	0.0
5/16/2006		0.08	4.5	6.88	15.0	0.224	42	2.02	0.0	0.02
5/25/2006		0.13	2.4	6.61	15.5	0.216	73	2.91	0.0	0.00
10/24/2006		0.09	4.9	6.56	13.7	0.226	241	>19.99	17.5	9.88
10/25/2006		0.10	1.2	6.18	14.3	0.297	179	>20	92	0.0
10/26/2006		0.10	1.5	6.46	13.1	0.216	171	>20	0.0	0.06
1/29/2007		0.00	2.9	6.55	10.3	0.197	249	13.20	69.3	0.0
4/18/2007		0.21	3.4	8.16	13.0	0.233	97	0.00	103	0.0
7/17/2007		0.04	3.0	6.42	17.3	0.147	289	>19.99	25	0.08
10/15/2007		0.15	13.0	5.92	15.6	0.140	279	11.44	0.0	0.23
1/22/2008		0.11	5.3	6.76	13.3	0.174	328	>20	0.0	0.14
4/17/2008		0.10	11.1	6.35	15.2	0.169	295	>20	0.0	0.04
7/15/2008		0.34	4.1	7.00	*	0.140	270	8.50	0.0	0.04
10/21/2008		0.12	2.6	6.26	14.9	0.120	297	0.92	2.9	0.00
4/8/2009		0.09	2.3	6.04	13.0	0.162	370	20.00	7.1	0.01
10/13/2009		0.10	2.4	5.70	15.2	0.146	380	19.81	0.0	0.01
5/6/2010		0.17	2.5	4.38	15.5	0.060	190	11.32	46	NM
11/16/2010		0.00	2.5	6.85	14.7	0.127	370	16.45	632	0.0
4/7/2011		0.00	4.3	6.12	13.3	0.170	249	17.54	16.6	0.0
11/30/2011		NA	NA	6.26	14.2	0.146	NM	16.99	141	NM
5/23/2012		NA	NA	8.84	17.7	0.156	79	12.67	75	0.0
10/24/2012		NA	NA	6.53	16.3	0.165	225	9.81	70.8	0.0
5/1/2013		NA	NA	7.00	19.4	0.144	162	12.34	52.5	1.0
10/29/2013		NA	NA	7.26	13.9	0.100	-63	8.73	15.1	0.3

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HOOKER RUCO SITE
HICKSVILLE, NEW YORK**

Well	Date Sampled	Drawdown from	Well Screen	pH	Temperature	Conductivity	ORP	DO	Turbidity	Fe ⁺²
		Initial Water Level (1) (4)	Volumes Purged (4)							
		(feet)		(S.U.)	(Celsius)	(mS/cm)	(mV)	(mg/L)	(NTU)	(mg/L)
MW-84D1	5/23/2006	0.09	1.7	6.25	16.1	0.301	-71	0.00	18.5	3.19
	5/26/2006	0.00	3.4	6.45	16.8	0.305	-118	0.00	91.9	4.50
	6/6/2006	0.15	4.1	6.55	16.6	0.280	-139	0.00	10.3	5.50
	6/8/2006	0.00	5.1	6.58	16.3	0.263	-163	0.00	10.4	2.35
	10/24/2006	0.00	4.7	5.46	15.7	0.197	50	7.89	54.7	1.44
	10/25/2006	0.06	1.3	6.32	15.4	0.296	86	8.03	0.0	1.37
	10/26/2006	0.04	2.9	6.19	15.8	0.300	78	6.51	77	1.19
	1/30/2007	0.00	3.6	6.16	13.1	0.254	160	7.53	188	1.24
	4/24/2007	0.00	3.6	6.49	16.5	0.249	282	>20	113	0.05
	7/24/2007	0.10	5.1	6.26	19.2	0.137	301	>20	6.9	0.05
	10/17/2007	0.21	4.9	6.45	15.8	0.143	304	8.81	85	0.62
	1/28/2008	0.07	4.5	6.46	13.9	0.157	303	>20	70.4	0.0
	4/24/2008	0.04	4.4	7.34	17.2	0.165	210	0.60	83	0.03
	7/17/2008	0.17	2.8	6.93	20.0	0.141	95	14.51	0.0	0.13
	10/29/2008	0.03	2.8	5.69	14.1	0.125	319	12.18	231	0.0
	4/9/2009	0.14	4.4	5.71	15.2	0.142	214	13.34	12.5	0.0
	10/19/2009	0.10	3.6	6.01	15.5	0.137	271	10.98	0.0	0.19
	5/12/2010	0.00	2.4	6.63	14.7	0.125	127	9.85	30	NM
	11/18/2010	0.00	0.6	6.66	15.4	0.137	207	7.94	6.7	NM
	4/27/2011	0.00	NM	6.45	15.6	0.129	210	7.54	5.3	NM
12/1/2011	NA	NA	8.82	9.7	0.135	NM	13.98	250	NM	
5/24/2012	NA	NA	7.10	17.7	0.117	185	10.30	283	0.00	
10/26/2012	NA	NA	6.65	16.7	0.156	72	7.29	96.2	1.08	
5/1/2013	NA	NA	7.71	17.9	0.151	250	12.62	197	0.72	
10/25/2013	NA	NA	5.73	11.5	0.093	23	12.48	84.7	1.50	
MW-84D2	5/23/2006	0.15	3.9	6.74	17.4	0.246	-131	0.00	780	12.68
	5/30/2006	0.20	2.4	6.59	18.8	0.241	-152	2.70	595	3.18
	6/6/2006	0.00	5.7	7.17	16.8	0.219	-221	0.00	228	2.70
	6/8/2006	0.00	3.0	6.78	16.5	0.220	-162	0.00	230	3.78
	10/24/2006	0.00	6.8	8.47	14.9	0.295	-90	4.69	131	1.53
	10/25/2006	-0.02	1.0	8.68	15.1	0.395	-47	2.84	127	0.27
	10/26/2006	-0.01	5.0	8.00	15.5	0.393	-77	2.67	>999	0.64
	1/29/2007	0.00	1.9	9.97	12.2	0.322	7	3.91	199	0.18
	4/24/2007	0.10	6.7	10.22	16.5	0.339	138	16.31	470	0.30
	7/24/2007	0.10	8.9	10.33	20.6	0.313	139	>20	200	0.21
	10/17/2007	0.09	4.7	10.88	17.1	0.396	34	4.68	817	0.23
	1/28/2008	0.00	6.5	11.01	13.8	0.789	97	9.91	187	0.79
	4/23/2008	0.20	12.9	10.97	16.8	0.575	6	3.96	603	0.09
	7/17/2008	0.16	4.1	10.05	18.1	0.287	13	14.05	>999	0.27
	10/29/2008	0.00	2.4	10.12	15.6	0.351	160	8.33	320	0.25
	4/9/2009	0.00	4.9	10.45	15.7	0.316	70	10.15	367	0.08
	10/16/2009	0.00	5.8	10.19	14.6	0.257	135	14.65	>999	1.45
	5/25/2010	0.00	3.1	10.63	21.9	0.233	-20	11.75	430	0.0
	11/18/2010	0.00	2.5	10.67	15.3	0.235	-21	0.79	>999	0.0
	4/15/2011	0.00	3.1	10.65	13.4	0.056	-49	0.37	144	0.0
12/1/2011	NA	NA	10.67	9.3	0.242	NM	11.00	885	NM	
5/24/2012	NA	NA	6.84	19.4	0.123	114	4.83	0	0.5	
10/26/2012	NA	NA	10.20	16.6	0.251	-28	3.14	800	5.0	
5/1/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM	
10/25/2013	NA	NA	6.94	11.5	0.148	-45	12.51	108	NA	

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Well	Date Sampled	Drawdown from	Well Screen	pH	Temperature	Conductivity	ORP	DO	Turbidity	Fe ⁺²
		Initial Water Level (1) (4) (feet)	Volumes Purged (4)							
MW-85S	4/20/2011	0.25	3.1	6.16	14.1	0.144	46	4.38	21.3	0.5
	10/26/2012	NA	NA	NM	NM	NM	NM	NM	NM	NM
	2/4/2013	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/30/2013	NA	NA	7.09	19.1	0.155	180	7.88	363	>5.0
	7/24/2013	NA	NA	6.91	25.1	0.204	12	1.39	>999	0.4
	10/28/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
MW-85I	4/20/2011	0.13	3.1	6.14	14.5	0.144	93	2.90	67	2.4
	10/26/2012	NA	NA	NM	NM	NM	NM	NM	NM	NM
	2/4/2013	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/30/2013	NA	NA	6.79	19.9	NM	-57	5.63	655	>5.0
	7/24/2013	NA	NA	6.96	24.7	0.151	-139	0.42	>999	0.1
	10/28/2013	NA	NA	8.56	12.9	0.095	-137	10.87	>800	1.3
MW-85D1	4/20/2011	0.00	2.6	6.87	15.1	0.253	-33	3.75	160	(3)
	10/26/2012	NA	NA	6.63	18.30	0.137	18	>20	286	5.0
	2/4/2013	NA	NA	8.44	8.9	0.207	1	7.26	580	2.0
	4/30/2013	NA	NA	8.18	17.1	0.168	28	9.02	604	>5.0
	7/24/2013	NA	NA	9.54	22.8	0.154	-130	2.06	717	>5.0
	10/28/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
MW-85D2	4/20/2011	0.00	3.7	6.35	14.7	0.201	-190	1.59	3.6	4.0
	10/26/2012	NA	NA	7.96	18.2	0.196	29	14.34	800	5.0
	2/4/2013	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/30/2013	NA	NA	8.01	18.4	0.128	155	7.90	>1000	>5.0
	7/24/2013	NA	NA	7.27	20.7	0.164	6	1.89	290	1.6
	10/28/2013	NA	NA	7.85	19.3	0.116	-98	3.03	>800	0.7
MW-86D1	4/18/2011	0.00	3.1	6.53	14.6	0.240	-107	0.74	79.0	2.0
	10/24/2012	NA	NA	6.23	16.8	0.226	67	>20	100	0.68
	2/6/2013	NA	NA	6.84	9.0	0.122	87	14.5	0.0	1.0
	4/29/2013	NA	NA	4.44	14.6	0.186	135	5.99	32.1	2.5
	7/24/2013	NA	NA	6.59	22.6	0.186	-103	2.61	14.6	0.0
	10/29/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
MW-86D2	4/18/2011	0.01	2.5	6.89	15.1	0.219	-107	1.24	34.6	3.0
	10/24/2012	NA	NA	6.80	16.9	0.178	-115	2.49	422	0.39
	2/6/2013	NA	NA	7.11	11.3	0.160	-45	13.05	800	2.0
	4/29/2013	NA	NA	6.04	14.9	0.164	-64	5.44	160	3.4
	7/24/2013	NA	NA	6.91	22.0	0.153	-165	0.93	371	1.8
	10/29/2013	NA	NA	6.89	12.4	0.124	-43	4.30	>800	0.0
MW-87D1	4/5/2006	-0.04	2.9	5.04	12.8	0.197	142	0.00	64	0.99
	4/20/2006	0.02	3.9	4.94	17.5	0.184	218	0.00	43.8	0.30
	5/4/2006	0.02	2.6	5.03	16.2	0.187	231	0.00	0.0	0.34
	5/15/2006	0.02	2.0	5.28	15.1	0.165	207	0.00	66.2	0.27
	10/24/2006	0.25	4.5	5.45	14.9	0.229	234	0.70	5.4	0.17
	10/25/2006	-0.01	2.8	5.23	15.9	0.224	221	0.00	0.0	0.35
	10/26/2006	0.03	2.1	5.26	15.0	0.192	226	2.63	22.2	0.05
	1/24/2007	0.10	2.1	5.31	14.7	0.200	248	0.78	11.0	0.10
	4/17/2007	0.10	5.3	5.47	14.5	0.999	169	0.00	62	0.14
	7/17/2007	0.00	4.0	5.30	17.2	0.186	223	0.44	54	0.09
	10/8/2007	0.00	5.7	5.30	19.1	0.229	203	4.39	17.3	0.40
	4/16/2008	0.07	9.0	5.04	15.7	0.193	322	8.35	220	0.05
	10/21/2008	0.00	3.4	4.34	15.0	0.193	463	>20	16.2	0.00
	4/7/2009	0.00	3.6	5.12	14.0	0.148	289	8.62	0.0	0.00
	10/13/2009	0.03	2.4	4.60	16.1	0.205	379	16.18	0.0	0.17
	5/3/2010	0.00	4.9	3.23	16.2	0.170	282	5.74	2.0	0.0
	11/29/2010	0.00	3.4	5.88	16.2	0.133	192	2.75	5.8	0.0
	4/19/2011	0.05	2.5	5.18	13.6	0.200	300	3.72	325	0.0
	11/30/2011	NA	NA	6.32	14.5	0.156	NM	13.98	80.2	NM
5/24/2012	NA	NA	6.28	18.5	0.154	149	11.51	74.0	1.4	
11/5/2012	NA	NA	8.67	13.2	0.151	105	>20	104	1.6	
	5/2/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	10/28/2013	NA	NA	7.33	14.0	0.132	-67	13.76	137	0.1

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Well	Date Sampled	Drawdown from	Well Screen	pH	Temperature	Conductivity	ORP	DO	Turbidity	Fe ⁺²	
		Initial Water Level (1) (4)	Volumes Purged (4)								
		(feet)		(S.U.)	(Celsius)	(mS/cm)	(mV)	(mg/L)	(NTU)	(mg/L)	
MW-87D2	4/5/2006	0.00	2.8	5.21	14.1	0.172	121	1.81	129	1.14	
	4/25/2006	-0.05	5.1	5.40	15.5	0.163	149	2.62	42.8	0.20	
	5/15/2006	0.32	4.3	5.80	15.4	0.152	104	1.59	54.8	NM	
	5/24/2006	0.10	4.9	5.45	16.2	0.155	163	1.62	0.0	1.36	
	10/24/2006	0.13	3.9	5.69	15.5	0.183	212	4.00	131	0.08	
	10/25/2006	0.06	1.5	5.34	15.5	0.173	137	6.68	25.5	0.09	
	10/26/2006	-0.03	2.1	5.37	15.2	0.160	226	4.53	0.0	0.02	
	1/24/2007	0.00	4.7	5.61	13.3	0.186	131	3.64	160	0.25	
	4/17/2007	0.00	5.3	5.83	14.5	0.228	106	3.89	0.9	0.09	
	7/16/2007	0.00	2.0	5.65	17.8	0.168	145	3.31	5.1	0.07	
	10/9/2007	0.18	2.9	5.57	16.2	0.172	287	7.45	60.1	0.12	
	4/16/2008	0.00	6.9	5.37	15.9	0.174	288	5.39	0.0	0.01	
	10/21/2008	0.08	1.6	4.65	16.9	0.158	440	9.66	27	0.00	
	4/7/2009	0.03	4.4	4.60	13.0	0.175	346	9.90	7.0	0.06	
	10/13/2009	0.00	2.1	5.05	16.0	0.176	341	5.30	49.7	0.26	
	5/5/2010	0.05	0.2	4.34	15.3	0.138	222	4.15	17.1	NM	
	11/15/2010	0.01	2.5	5.21	15.4	0.148	397	12.41	7.7	0.0	
	4/18/2011	0.00	3.1	5.52	14.9	0.173	234	3.46	5.6	0.0	
	11/30/2011	NA	NA	6.94	12.7	0.110	NM	11.08	52.2	NM	
	5/24/2012	NA	NA	NM	NM	NM	NM	NM	NM	2.1	
	11/5/2012	NA	NA	7.91	18.3	0.162	86	>20	0.0	1.0	
	5/2/2013	NA	NA	6.65	15.9	0.108	312	15.02	71.0	2.2	
	10/28/2013	NA	NA	5.99	14.1	0.094	9	4.86	66.9	0.4	
	MW-88D1	4/19/2006	0.08	2.9	6.09	17.9	0.273	-90	0.00	>999	9.64
		4/26/2006	0.32	6.7	5.99	16.7	0.204	-53	0.00	589	4.96
5/10/2006		0.25	4.2	5.68	15.4	0.200	-2	0.00	393	2.75	
5/30/2006		0.00	3.6	5.90	17.1	0.188	-65	3.13	408	3.62	
6/1/2006		0.10	5.0	6.13	19.9	0.188	-73	0.00	367	5.12	
10/24/2006		0.06	1.8	6.06	15.6	0.252	-43	0.00	88.6	11.04	
10/25/2006		0.09	1.4	5.86	15.3	0.233	-13	0.00	4.7	10.20	
10/26/2006		0.00	3.4	5.59	15.6	0.317	33	3.36	415	6.56	
1/30/2007		0.10	2.9	6.12	11.8	0.193	-45	1.16	257	2.01	
4/19/2007		0.03	4.9	5.84	15.4	0.187	172	11.88	334	1.84	
7/26/2007		0.22	2.0	5.75	22.4	0.249	232	9.48	284	0.74	
10/16/2007		0.00	2.5	6.35	17.7	0.226	3	0.02	92	5.47	
4/25/2008		0.11	2.8	6.11	17.8	0.226	225	5.95	967	0.52	
10/30/2008		NM	3.8	5.06	15.8	0.200	339	>20	14.1	0.00	
4/13/2009		0.01	5.5	5.46	16.0	0.174	205	16.71	>999	0.31	
10/21/2009		0.02	2.1	5.66	16.0	0.235	253	>20	268	0.47	
5/11/2010		0.02	5.7	5.94	15.5	0.191	177	19.00	177	0.50	
11/17/2010		0.03	2.5	6.12	17.0	0.121	366	13.04	39.7	0.0	
4/15/2011		0.00	3.1	5.89	14.0	0.195	184	14.39	163	0.0	
12/1/2011		NA	NA	7.51	8.6	0.182	NM	17.16	>999	NM	
5/24/2012		NA	NA	9.06	18.7	0.252	65	8.82	594	0.0	
10/26/2012		NA	NA	6.94	17.6	0.200	83	10.88	204	1.15	
5/1/2013		NA	NA	8.18	17.0	0.162	202	13.77	783	1.22	
10/28/2013 ⁽⁵⁾		NA	NA	NM	NM	NM	NM	NM	NM	NM	

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Well	Date Sampled	Drawdown from	Well Screen	pH	Temperature	Conductivity	ORP	DO	Turbidity	Fe ⁺²
		Initial Water Level (1) (4)	Volumes Purged (4)							
		(feet)		(S.U.)	(Celsius)	(mS/cm)	(mV)	(mg/L)	(NTU)	(mg/L)
MW-88D2	4/20/2006	0.00	3.7	6.25	17.4	0.244	-152	0.00	951	6.16
	5/10/2006	0.03	3.5	8.05	16.6	0.330	-331	0.00	>999	9.44
	6/1/2006	0.00	4.9	7.24	18.5	0.287	-210	0.00	>999	12.95
	6/7/2006	0.10	4.3	8.44	15.9	0.320	-380	0.00	>999	12.52
	10/24/2006	0.00	5.8	9.10	15.8	0.387	-282	1.44	>999	18.96
	10/25/2006	0.17	1.0	9.44	15.0	0.426	-253	1.97	>999	11.40
	10/26/2006	0.00	1.5	7.33	17.7	0.286	-212	0.00	>999	NM
	1/25/2007	0.00	8.5	9.17	11.3	0.323	-315	0.82	993	0.16
	4/19/2007	0.10	4.0	7.13	16.8	0.278	-219	0.37	>999	2.17
	7/26/2007	0.31	2.5	9.18	31.2	0.427	-333	0.44	>999	1.21
	10/16/2007	0.03	5.7	7.48	18.2	0.192	-291	3.04	145	9.39
	4/25/2008	1.60	4.3	6.28	17.0	0.164	40	8.02	>999	2.65
	10/31/2008	0.00	5.3	6.64	17.5	0.191	45	8.94	435	2.70
	4/14/2009	0.08	11.9	5.99	13.9	0.206	41	9.94	>999	0.98
	10/20/2009	0.03	9.2	6.94	16.2	0.265	-3	4.67	325	4.49
	5/11/2010	-0.13	4.7	7.30	15.5	0.230	-5	5.70	697	0.50
	1/20/2011	0.00	1.9	9.99	11.3	0.450	232	5.58	206	0.00
	4/19/2011	0.00	1.9	10.35	14.4	0.522	-585	3.35	320	0.0
	12/1/2011	NA	NA	9.87	12.0	0.470	NM	9.81	85.2	NM
	5/24/2012	NA	NA	10.36	18.0	0.403	22	5.73	304	0.0
10/26/2012	NA	NA	NM	NM	NM	NM	NM	NM	NM	
5/1/2013	NA	NA	9.06	17.70	0.16	154	11.30	389	1.56	
10/28/2013	NA	NA	5.23	14.60	0.08	52	12.83	193	0.46	
MW-89D1	4/21/2011	0.00	3.7	6.77	15.2	0.401	-142	1.57	558	6.0
	10/24/2012	NA	NA	8.12	15.8	0.190	17	9.68	102	0.0
	2/6/2013	NA	NA	8.82	9.4	0.236	-70	8.99	0.0	0.0
	4/29/2013	NA	NA	6.64	14.1	0.222	-125	5.49	39.8	3.8
	7/24/2013	NA	NA	6.75	23.7	0.234	-198	0.43	154	1.8
MW-89D2	10/28/2013	NA	NA	7.06	12.5	0.192	-52	2.56	136	0.5
	4/21/2011	0.00	3.1	7.60	14.6	0.373	-154	2.43	118	1.0
	10/24/2012	NA	NA	8.56	16.2	0.355	-95	10.73	141	0.0
	2/6/2013	NA	NA	7.41	9.0	0.381	-122	10.05	0.0	0.0
	4/29/2013	NA	NA	8.52	14.2	0.296	-244	4.49	33.4	3.0
MW-90D1	7/24/2013	NA	NA	8.58	21.4	0.308	-250	0.75	72.8	2.7
	10/28/2013	NA	NA	7.25	12.8	0.235	-63	9.45	44.3	0.8
	6/13/2006	0.10	7.8	6.25	17.0	0.230	-112	0.00	76.8	4.10
	4/25/2007	0.00	4.9	6.07	16.1	0.231	-100	0.93	542	2.30
	4/13/2011	-0.01	1.8	6.54	12.9	0.256	-103	0.34	14.6	NM
MW-90D2	10/25/2012 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	2/6/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/30/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	7/23/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	10/25/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
MW-90D2	6/13/2006	0.05	7.8	5.91	18.4	0.191	-9	0.20	95.3	3.06
	4/25/2007	0.05	4.7	5.95	15.3	0.209	-47	1.38	102	1.76
	5/17/2010	0.00	12.9	5.75	15.5	0.186	-112	0.00	147	2.5
	4/14/2011	0.02	3.1	6.09	15.3	0.197	12	4.03	0.0	1.0
	2/6/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/30/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	7/23/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	10/25/2013 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM

**QUARTERLY REPORT
FOURTH QUARTER 2013 (OCTOBER THROUGH DECEMBER)
HOOKER RUCO SITE
HICKSVILLE, NEW YORK**

<i>Well</i>	<i>Date Sampled</i>	<i>Drawdown from Initial Water Level (1) (4) (feet)</i>	<i>Well Screen Volumes Purged (4)</i>	<i>pH (S.U.)</i>	<i>Temperature (Celsius)</i>	<i>Conductivity (mS/cm)</i>	<i>ORP (mV)</i>	<i>DO (mg/L)</i>	<i>Turbidity (NTU)</i>	<i>Fe⁺² (mg/L)</i>
MW-92D1	4/12/2011	0.00	1.8	7.10	12.1	0.421	-190	1.13	34.0	4.0
	4/24/2013	NA	NA	8.00	14.8	0.181	12	6.57	146	3.0
MW-92D2	4/25/2011	0.02	3.1	6.69	15.7	0.206	-156	2.00	1.3	1.5
	4/24/2013	NA	NA	8.46	17.8	0.080	-104	5.52	670	>5.0
MW-93D1	4/26/2011	0.00	3.7	7.11	16.0	0.245	-191	2.18	800	2.5
	4/24/2013	NA	NA	7.05	19.6	0.137	-140	5.16	107	2.2
MW-93D2	4/26/2011	0.00	3.1	7.34	15.6	0.203	-219	2.96	35.1	2.0
	4/23/2013	NA	NA	7.87	19.0	0.155	-105	4.58	NM	4.5

Notes:

(1) Negative indicates groundwater level during purging higher than initial water level

(2) Orange colored

(3) Black coloured water prevented reading on colorimetric meter

(4) Samples during and subsequent to November 2011 were collected using PDB/HydraSleeve samplers. No purging was required.

(5) Insufficient sample volume to obtain measurement/reading.

NA - Not applicable

NM - Not measured (insufficient sample volume for all samples subsequent to 11/30/2011)

* - Probe malfunctioned

**PRIMARY DETECTED COMPOUNDS IN VADOSE ZONE AIR
BIOSPARGE SYSTEM
HOOKER/RUCO SITE
HICKSVILLE, NEW YORK**

VZ-1S

Well Screen Interval: 6.0 to 8.0 ft bgs

<i>Parameter</i>	<i>11/6/2012</i>	<i>2/6/2013</i>	<i>5/1/2013</i>	<i>7/25/2013</i>	<i>10/24/2013</i>
Acetone	14.3	3.9	2.4 J	7.0	6.1
Carbon Disulfide	ND	ND	2.0	0.73	ND
Ethanol	ND	1.5	ND	ND	ND
Methyl Chloride	ND	ND	0.61J	ND	ND
Methyl Ethyl Ketone	505	13.7	0.41J	4.0	ND
Tetrachloroethene	3.5J	2.5	3.4	11	4.0
Tetrahydrofuran	1,320	2.2	18	21	4.7
Toluene	ND	ND	ND	15	ND
Vinyl Chloride	ND	ND	ND	ND	ND

VZ-1D

Well Screen Interval: 41.0 to 46.0 ft bgs

<i>Parameter</i>	<i>11/6/2012</i>	<i>2/6/2013</i>	<i>5/1/2013</i>	<i>7/25/2013</i>	<i>10/24/2013</i>
Acetone	628	387	13J	6.8	344
Carbon Disulfide	140	109	129	150	75
Ethanol	ND	90	ND	ND	ND
Methyl Chloride	ND	22	30J	2.4J	ND
Methyl Ethyl Ketone	1030	46	ND	9.0	ND
Tetrachloroethene	ND	ND	ND	7.3	ND
Tetrahydrofuran	6,020	1,530	2,810	6,280	3,630
Toluene	39	132	ND	1.5	56J
Vinyl Chloride	ND	ND	ND	3.6	ND

Notes

(1) Units are ppbv

J - Estimated concentrations

**PRIMARY DETECTED COMPOUNDS IN VADOSE ZONE AIR
BIOSPARGE SYSTEM
HOOKER/RUCO SITE
HICKSVILLE, NEW YORK**

VZ-2S

Well Screen Interval: 6.0 to 8.0 ft bgs

<i>Parameter</i>	<i>4/28/2011</i>	<i>11/6/2012</i>	<i>2/6/2013</i>	<i>5/1/2013</i>	<i>7/25/2013</i>	<i>10/25/2013</i>
Acetone	4.4	22	1.6	2.8J	7.9	6.0
Carbon Disulfide	ND	ND	ND	0.98	ND	ND
Ethanol	2.6	40	1.1	ND	ND	ND
Methyl Chloride	ND	ND	ND	0.71J	ND	ND
Methyl Ethyl Ketone	0.52	ND	14	ND	3.2	ND
Tetrachloroethene	0.33J	ND	0.58	0.89	5.3	6.0
Tetrahydrofuran	0.38J	ND	27	ND	31	3.1
Toluene	0.85	ND	ND	0.22J	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND

VZ-2D

Well Screen Interval: 44.0 to 49.0 ft bgs

<i>Parameter</i>	<i>4/28/2011</i>	<i>11/6/2012</i>	<i>2/6/2013</i>	<i>5/1/2013</i>	<i>7/25/2013</i>	<i>10/25/2013</i>
Acetone	ND	87	ND	6.9J	4.9	ND
Carbon Disulfide	3.9	ND	5.5	24	22	52
Ethanol	4.3	ND	5.3	ND	13	ND
Methyl Chloride	3.6	ND	6.7	17J	5.5J	2.4
Methyl Ethyl Ketone	2.0J	334	8.8	9.5	1.7	ND
Tetrachloroethene	1.8J	ND	1.3	3.5	3.6	4.9
Tetrahydrofuran	2.0J	1050	12	5.1	11	4.0
Toluene	18.0	ND	ND	0.21J	ND	ND
Vinyl Chloride	ND	ND	2.8	5.7J	2.2	5.9

Notes

(1) Units are ppbv

J - Estimated concentrations

**PRIMARY DETECTED COMPOUNDS IN VADOSE ZONE AIR
BIOSPARGE SYSTEM
HOOKER/RUCO SITE
HICKSVILLE, NEW YORK**

VZ-4S

Well Screen Interval: 6.0 to 8.0 ft bgs

<i>Parameter</i>	<i>12/8/2011</i>	<i>11/6/2012</i>	<i>2/6/2013</i>	<i>5/1/2013</i>	<i>7/25/2013</i>	<i>10/24/2013</i>
Acetone	1.9J	287	4.9	6.5J	3.6	2.3
Carbon Disulfide	ND	240	0.50	1.9	ND	ND
Ethanol	ND	ND	3.1	6.2J	ND	ND
Methyl Chloride	ND	43	0.41J	0.99J	ND	ND
Methyl Ethyl Ketone	68.0	428	22	16	4.5	ND
Tetrachloroethene	3.4	ND	2.0	3.3	9.8	7.6
Tetrahydrofuran	221.0	4,530	32	25	ND	ND
Toluene	ND	50	ND	0.22J	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND

VZ-4D

Well Screen Interval: 43.0 to 48.0 ft bgs

<i>Parameter</i>	<i>12/8/2011</i>	<i>11/6/2012</i>	<i>2/6/2013</i>	<i>5/1/2013</i>	<i>7/25/2013</i>	<i>10/24/2013</i>
Acetone	5.8	4.3	ND	ND	5.0	17
Carbon Disulfide	66	ND	118	155	51	94
Ethanol	ND	2.6	ND	ND	14	ND
Methyl Chloride	6.2	ND	16	21J	7.9	15
Methyl Ethyl Ketone	45	16	13	5.6	9.1	ND
Tetrachloroethene	9.4	1.2	ND	4.9J	3.6	4.2J
Tetrahydrofuran	460	36	1,150	1,450	1,370	1,660
Toluene	ND	ND	ND	ND	3.2	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND

Notes

(1) Units are ppbv

J - Estimated concentrations

**PRIMARY DETECTED COMPOUNDS IN VADOSE ZONE AIR
BIOSPARGE SYSTEM
HOOKER/RUCO SITE
HICKSVILLE, NEW YORK**

VZ-5S

Well Screen Interval: 6.0 to 8.0 ft bgs

<i>Parameter</i>	<i>4/26/2011</i>	<i>11/6/2012</i>	<i>2/6/2013</i>	<i>5/1/2013</i>	<i>7/25/2013</i>	<i>10/25/2013</i>
Acetone	7.7	43,100	793	882J	4.0	3.9
Carbon Disulfide	0.23J	ND	ND	22	ND	ND
Ethanol	2.6	ND	45	ND	ND	ND
Methyl Chloride	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	1.0	55,300	1,230	1,950	4.9	ND
Tetrachloroethene	0.99	ND	ND	7.3J	17	31
Tetrahydrofuran	1.0	141,000	2,350	4,010	38	5.0
Toluene	0.34J	871J	87	21	0.23J	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND

VZ-5D

Well Screen Interval: 41.0 to 46.0 ft bgs

<i>Parameter</i>	<i>4/26/2011</i>	<i>11/6/2012</i>	<i>2/6/2013</i>	<i>5/1/2013</i>	<i>7/25/2013</i>	<i>10/25/2013</i>
Acetone	2,640	118	74	41J	13	6.5
Carbon Disulfide	21	156	126	158	115	70
Ethanol	48	ND	11	ND	ND	ND
Methyl Chloride	ND	26	21	34J	22J	12
Methyl Ethyl Ketone	8.4J	75	25	8.0	8.8	ND
Tetrachloroethene	ND	2.7J	6.0	14	36	76
Tetrahydrofuran	ND	561	245	456	583	264
Toluene	38	ND	ND	ND	ND	ND
Vinyl Chloride	ND	20	5.3	4.9J	ND	ND

Notes

- (1) Units are ppbv
J - Estimated concentrations

**PRIMARY DETECTED COMPOUNDS IN VADOSE ZONE AIR
BIOSPARGE SYSTEM
HOOKER/RUCO SITE
HICKSVILLE, NEW YORK**

VZ-6S

Well Screen Interval: 6.0 to 8.0 ft bgs

<i>Parameter</i>	<i>4/27/2011</i>	<i>11/6/2012</i>	<i>2/6/2013</i>	<i>5/1/2013</i>	<i>7/25/2013</i>	<i>10/25/2013</i>
Acetone	1.3	3.9	2.6	2.6J	5.0	6.5
Carbon Disulfide	ND	1.8	ND	0.90	ND	ND
Ethanol	2.0	ND	14	ND	ND	ND
Methyl Chloride	ND	0.86	0.46J	0.58J	ND	ND
Methyl Ethyl Ketone	0.38J	30	15	0.58	4.2	ND
Tetrachloroethene	0.56	ND	0.57	0.75	2.3	2.3
Tetrahydrofuran	0.35J	95	28	25	21	1.4
Toluene	0.20J	ND	ND	1.2	0.21J	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND

VZ-6D

Well Screen Interval: 44.0 to 49.0 ft bgs

<i>Parameter</i>	<i>12/8/2011</i>	<i>11/6/2012</i>	<i>2/6/2013</i>	<i>5/1/2013</i>	<i>7/25/2013</i>	<i>10/25/2013</i>
Acetone	3.1	14	4.1	22J	143	55
Carbon Disulfide	ND	120	0.62	40	34	66
Ethanol	1.0	ND	1.7	8.0J	23	ND
Methyl Chloride	0.41J	49	0.88	28J	15J	35
Methyl Ethyl Ketone	31	50	21	1.9	24	ND
Tetrachloroethene	0.27J	ND	0.63	7.6	12	17
Tetrahydrofuran	65	920	21	79	390	547
Toluene	ND	ND	ND	0.78	0.86	ND
Vinyl Chloride	ND	ND	ND	0.99J	ND	ND

Notes

(1) Units are ppbv

J - Estimated concentrations

**PRIMARY DETECTED COMPOUNDS IN VADOSE ZONE AIR
BIOSPARGE SYSTEM
HOOKER/RUCO SITE
HICKSVILLE, NEW YORK**

VZ-12S

Well Screen Interval: 6.0 to 8.0 ft bgs

<i>Parameter</i>	<i>4/21/2011</i>	<i>11/6/2012</i>	<i>2/6/2013</i>	<i>5/2/2013</i>	<i>7/25/2013</i>	<i>10/28/2013</i>
Acetone	4.6	13	1.9	4.3J	5.3	4.3
Carbon Disulfide	0.19J	13	ND	1.8	0.65	ND
Ethanol	1.7	ND	3.0	ND	ND	ND
Methyl Chloride	ND	8.2J	ND	0.72J	ND	ND
Methyl Ethyl Ketone	1.5	590	16	53	44	ND
Tetrachloroethene	22	6.8J	6.1	18	25	24
Tetrahydrofuran	4.1	1010	5.2	90	34	ND
Toluene	ND	ND	ND	ND	ND	ND
Vinyl Chloride	1.5	ND	ND	ND	ND	ND

VZ-12D

Well Screen Interval: 43.5 to 48.5 ft bgs

<i>Parameter</i>	<i>4/21/2011</i>	<i>11/6/2012</i>	<i>2/6/2013</i>	<i>5/2/2013</i>	<i>7/25/2013</i>	<i>10/28/2013</i>
Acetone	3.2	738	810	352J	2,250	1,290
Carbon Disulfide	1.7	ND	54J	75	349	260
Ethanol	1.3	ND	195	122J	908	ND
Methyl Chloride	0.56	ND	ND	42J	110	ND
Methyl Ethyl Ketone	1.6	14,800	1,830	2,440	1,330	376
Tetrachloroethene	19	ND	ND	27J	64	69
Tetrahydrofuran	3.9	24,200	4,360	6,910	5,790	3,650
Toluene	0.23J	ND	321	32	800	411
Vinyl Chloride	ND	ND	ND	ND	ND	ND

Notes:

- (1) Units are ppbv
- J - Estimated Concentration
- NL - Not Listed

**PRIMARY DETECTED COMPOUNDS IN VADOSE ZONE AIR
BIOSPARGE SYSTEM
HOOKER/RUCO SITE
HICKSVILLE, NEW YORK**

VZ-17S

Well Screen Interval: 6.0 to 8.0 ft bgs

<i>Parameter</i>	<i>4/21/2011</i>	<i>11/6/2012</i>	<i>2/6/2013</i>	<i>5/2/2013</i>	<i>7/25/2013</i>	<i>10/28/2013</i>
Acetone	3.7	2.6	1.8	3.4J	4.4	4.8
Carbon Disulfide	0.52	1.5	0.46J	2.7	0.52	ND
Ethanol	4.8	0.73	2.1	ND	4.4	ND
Methyl Chloride	0.56	0.52	ND	1.0J	ND	ND
Methyl Ethyl Ketone	1.4	30	20	0.64	2.7	ND
Tetrachloroethene	10	17	6.6	9.9	18	25
Tetrahydrofuran	3.2	24	9.6	32	16	ND
Toluene	0.25J	ND	ND	ND	0.19J	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND

VZ-17D

Well Screen Interval: 33.0 to 38.0 ft bgs

<i>Parameter</i>	<i>4/21/2011</i>	<i>11/6/2012</i>	<i>2/6/2013</i>	<i>5/2/2013</i>	<i>7/25/2013</i>	<i>10/28/2013</i>
Acetone	16	39	2.2	2.0J	19	2.4
Carbon Disulfide	1.5	23	17	33	44	16
Ethanol	8.9	1.0	2.7	ND	ND	ND
Methyl Chloride	0.6	9.6	9.3	17J	1.9J	8.9
Methyl Ethyl Ketone	6.9	35	16	0.72	68	ND
Tetrachloroethene	16	15	14	19	21	32
Tetrahydrofuran	8.5	27	29	6.3	25	9.3
Toluene	0.71	0.27J	ND	0.24J	0.29J	ND
Vinyl Chloride	0.37J	2.2	2.4	2.4J	2.2	2.1

Notes:

- (1) Units are ppbv
- J - Estimated Concentration
- NL - Not Listed

Attachment A



MEMORANDUM

TO: Klaus Schmidtke REF. No.: 006883

FROM: Kathy Willy/bjw/7 *Yw* DATE: December 16, 2013

RE: **Analytical Results and Full Validation
Quarterly Groundwater Monitoring
Glenn Springs Holdings, Inc.
Hicksville, New York
October-November 2013**

1.0 Introduction

The following document details a validation of analytical results for groundwater and soil vapor samples collected in support of the quarterly groundwater monitoring at the Hicksville Site during October and November 2013. Samples were submitted to Mitkem Laboratories, located in Warwick, Rhode Island. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Tables 2A and 2B. A summary of the analytical methodology is presented in Table 3.

Full Contract Laboratory Program (CLP) equivalent raw data deliverables were provided by the laboratory. Evaluation of the data was based on information obtained from the finished data sheets, raw data, chain of custody forms, calibration data, blank data, duplicate data, recovery data from surrogate spikes, laboratory control samples (LCS), matrix spike (MS) samples, and field quality assurance/quality control (QA/QC) samples. The assessment of analytical and in-house data included checks for: data consistency (by observing comparability of duplicate analyses), adherence to accuracy and precision criteria, and transmittal errors.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the documents entitled:

- i) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99-008, October 1999
- ii) "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", USEPA 540/R-94-013, February 1994

Items i), and ii) will subsequently be referred to as the "Guidelines" in this Memorandum.

2.0 Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

3.0 Gas Chromatography/Mass Spectrometer (GC/MS) – Tuning and Mass Calibration (Instrument Performance Check) and Inductively Coupled Plasma/Mass Spectrometer (ICP/MS)

Organic Analyses

Prior to volatile organic compound (VOC) analysis, GC/MS instrumentation is tuned to ensure optimization over the mass range of interest. To evaluate instrument tuning, the method requires the analysis of specific tuning compound bromofluorobenzene (BFB). The resulting spectra must meet the criteria cited in the methods before analysis is initiated. Analysis of the tuning compound must then be repeated every 12 hours (24 hours for TO-15) throughout sample analysis to ensure the continued optimization of the instrument.

Tuning compounds were analyzed at the required frequency throughout the VOC analysis periods. All tuning criteria were met, indicating that proper optimization of the instrumentation was achieved.

4.0 Initial Calibration - Organic Analyses

GC/MS

To quantify VOC compounds of interest in samples, calibration of the GC/MS over a specific concentration range must be performed. Initially, a five-point calibration curve containing all compounds of interest is analyzed to characterize instrument response for each analyte over a specific concentration range. Linearity of the calibration curve and instrument sensitivity are evaluated against the following criteria:

- i) All relative response factors (RRFs) must be greater than or equal to 0.05
- ii) The percent relative standard deviation (RSD) values must not exceed 30.0 percent or a minimum correlation coefficient (R) of 0.995 and minimum coefficient of determination (R^2) of 0.99 if linear and quadratic equation calibration curves, respectively, are used

The initial calibration data for VOCs were reviewed. All compounds met the above criteria for sensitivity and linearity.

5.0 Initial Calibration – Inorganic Analyses

Initial calibration of the instruments ensures that they are capable of producing satisfactory quantitative data at the beginning of a series of analyses. For instrumental general chemistry analyses, a calibration blank and a minimum of five standards must be analyzed to establish the analytical curve, and resulting correlation coefficients (R) must be 0.995 or greater.

After the analyses of the calibration curves, an initial calibration verification (ICV) standard must be analyzed to verify the analytical accuracy of the calibration curves. All analyte recoveries from the analyses of the ICVs must be within the following control limits:

<i>Analytical Method</i>	<i>Parameter</i>	<i>Control Limits</i>
Instrumental Wet Chemistry	TOC, ammonia, nitrate, nitrite	85 - 115%

Upon review of the data, it was determined that the calibration curves and ICVs were analyzed at the proper frequencies and that all of the above-specified criteria were met. The laboratory effectively demonstrated that the instrumentation used for metals and general chemistry analyses were properly calibrated prior to sample analysis.

6.0 Continuing Calibration - Organic Analyses

GC/MS

To ensure that instrument calibration for VOC analyses is acceptable throughout the sample analysis period, continuing calibration standards must be analyzed and compared to the initial calibration curve every 12 hours (24 hours for TO-15).

The following criteria were employed to evaluate continuing calibration data:

- i) All RRF values must be greater than or equal to 0.05
- ii) Percent difference (%D) values must not exceed 25 percent (30 percent for TO-15)

Calibration standards were analyzed at the required frequency, and the results met the above criteria for instrument sensitivity and stability with the exception of some VOCs which showed some variability. A summary of qualified results can be found in Table 4.

7.0 Continuing Calibration - Inorganic Analyses

To ensure that instrument calibration is acceptable throughout the sample analysis period, continuing calibration verification (CCV) standards are analyzed on a regular basis. Each CCV is deemed acceptable if all analyte recoveries are within the control limits specified above for the ICVs. If some of the CCV analyte recoveries are outside the control limits, samples analyzed before and after the CCV, up until the previous and proceeding CCV analyses, are affected.

For this study, CCVs were analyzed at the proper frequency. All analyte recoveries reported for the CCVs were within the specified limits.

8.0 Laboratory Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures. Additionally, initial and continuing calibration blanks (ICBs/CCBs) are routinely analyzed after each ICV/CCV for the inorganic parameters.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

Organic Analyses

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

Inorganic Analyses

All ICBs, CCBs, and method blanks were non-detect, indicating that laboratory contamination was not a factor for this investigation.

9.0 Surrogate spike recoveries

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for VOCs are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for VOC determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the above criteria.

10.0 Internal Standards (IS) Analyses

IS data were evaluated for all VOC sample analyses.

Organics Analyses

To ensure that changes in the GC/MS sensitivity and response do not affect sample analysis results, IS compounds are added to each sample prior to analysis. All results are then calculated as a ratio of the IS responses.

The sample IS results were evaluated against the following criteria:

- i) The retention time of the IS must not vary more than ± 30 seconds from the associated calibration standard
- ii) IS area counts must not vary by more than a factor of two (-50 percent to +100 percent) from the associated calibration standard for Method 8260
- iii) IS area counts must not be within 60 percent to 140 percent for Method TO-15

All organic IS recoveries and retention times met the above criteria.

11.0 Laboratory Control Sample Analyses

LCS and/or laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS and/or LCSD were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

Organic Analyses

The LCS/LCSD contained all compounds of interest. All LCS recoveries and RPDs were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision with the exception of a low recovery for hexachlorobutadiene. All associated sample results were qualified as estimated to reflect the implied low bias.

Inorganic Analyses

The LCS/LCSD contained all analytes of interest. LCS recoveries were assessed per the "Guidelines". All LCS recoveries and RPDs were within the control limits, demonstrating acceptable analytical accuracy and precision.

12.0 Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the extraction or digestion process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision.

Organic Analyses

The laboratory prepared and analyzed MS/MSD samples on non-investigative samples. No assessment of the data was performed.

Inorganic Analyses

The MS/MSD samples were spiked with the analytes of interest, and the results were evaluated using the "Guidelines". All percent recoveries and RPD values were within the control limits, demonstrating acceptable analytical accuracy and precision.

13.0 Field QA/QC Samples

The field QA/QC consisted of four trip blank samples and two rinse blank samples.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, four trip blanks were submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest.

Rinse Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the site, and cleanliness of sample containers, two rinse blanks were submitted for analysis, as identified in Table 1. All results were non-detect for the analytes of interest with the exception of low concentrations of acetone, chloromethane and phosphorous. Associated samples with concentrations similar to the blank concentrations were qualified non-detect (see Table 6).

14.0 Tentatively Identified Compounds (TICS)

Chromatographic peaks recorded during VOC sample GC/MS analyses that are not target compounds, surrogates, or IS, are potential TICS.

A summary of the TICS reported by the laboratory is presented in Table 7. Per the "Guidelines", TICS that were present in the method blanks or identified as solvent preservatives/aldol reaction products were rejected and are not included in the table.

15.0 Analyte Reporting

The laboratory reported detected results down to the laboratory's MDL for each analyte. Positive analyte detections less than the PQL but greater than the MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the PQL in Table 2.

16.0 Target Compound Identification

To minimize erroneous compound identification during organic analyses, qualitative criteria including compound retention time and mass spectra (if applicable) were evaluated according to the identification criteria established by the methods. The samples identified in Table 1 were reviewed. The organic compounds reported adhered to the specified identification criteria.

17.0 Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Tables 2A and 2B are acceptable with the specific qualifications noted herein.

TABLE 1
SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013

<i>Sample Identification</i>	<i>Location</i>	<i>Matrix</i>	<i>Collection Date (mm/dd/yyyy)</i>	<i>Collection Time (hr:min)</i>	<i>Analysis/Parameters</i>							<i>Comments</i>
					<i>Ammonia</i>	<i>Nitrate, Nitrite</i>	<i>Methane</i>	<i>Phosphorous</i>	<i>VOCs</i>	<i>TOC</i>	<i>TO 15</i>	
GW102413VW001	Field Blank	Water	10/24/2013	08:25					X			Field Blank
GW102413VW002	MW-63D1	Water	10/24/2013	09:15	X	X		X	X	X		
GW102413VW003	MW-63D2	Water	10/24/2013	09:30	X	X		X	X	X		
GW102413VW004	MW-75D1	Water	10/24/2013	10:00	X	X		X	X	X		
GW102413VW005	MW-75D2	Water	10/24/2013	10:20	X	X		X	X	X		
GW102413VW006	MW-72D1	Water	10/24/2013	11:30	X	X		X	X	X		
GW102413VW007	MW-72D2	Water	10/24/2013	12:00	X	X		X	X	X		
GW102413VW008	MW-70D1	Water	10/24/2013	12:30	X	X		X	X	X		
GW102413VW009	MW-70D2	Water	10/24/2013	13:00	X	X		X	X	X		
GW102413VW010	Field Blank	Water	10/24/2013	13:30	X	X		X	X	X		Field Blank
GW102513VW011	MW-73D2	Water	10/25/2013	08:45	X	X		X	X	X		
GW102513VW012	MW-73D1	Water	10/25/2013	09:15	X	X		X	X	X		
GW102513VW013	MW-77D2	Water	10/25/2013	09:45	X	X		X	X	X		
GW102513VW014	MW-90D1	Water	10/25/2013	10:00					X			
GW102513VW015	MW-90D2	Water	10/25/2013	10:15					X			
GW102513VW016	MW-76S	Water	10/25/2013	10:45	X	X		X	X	X		
GW102513VW017	MW-76I	Water	10/25/2013	11:00	X	X		X	X	X		
GW102513VW018	MW-76D1	Water	10/25/2013	11:20	X	X		X	X	X		
GW102513VW019	MW-76D2	Water	10/25/2013	11:35	X	X		X	X	X		
GW102513VW020	MW-84D1	Water	10/25/2013	12:05	X	X		X	X	X		

TABLE 1
SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013

<i>Sample Identification</i>	<i>Location</i>	<i>Matrix</i>	<i>Collection Date</i> <i>(mm/dd/yyyy)</i>	<i>Collection Time</i> <i>(hr:min)</i>	<i>Analysis/Parameters</i>						<i>Comments</i>
					<i>Ammonia</i>	<i>Nitrate, Nitrite</i>	<i>Methane</i>	<i>Phosphorous</i>	<i>VOCs</i>	<i>TOC</i>	
GW102513VW021	MW-84D2	Water	10/25/2013	12:25	X	X		X	X	X	
GW102513VW022	MW-82D1	Water	10/25/2013	12:45	X	X		X	X	X	
GW102513VW023	MW-82D2	Water	10/25/2013	13:00	X	X		X	X	X	
GW102813VW024	MW-89D1	Water	10/28/2013	09:30	X	X		X	X	X	
GW102813VW025	MW-89D2	Water	10/28/2013	09:45	X	X		X	X	X	
GW102813VW026	MW-85I	Water	10/28/2013	10:15	X	X		X	X	X	
GW102813VW027	MW-85S	Water	10/28/2013	10:00					X		
GW102813VW028	MW-85D1	Water	10/28/2013	10:45	X	X		X	X	X	
GW102813VW029	MW-85D2	Water	10/28/2013	11:15	X	X		X	X	X	
GW102813VW030	MW-88D1	Water	10/28/2013	11:30	X	X		X	X	X	
GW102813VW031	MW-88D2	Water	10/28/2013	11:50	X	X		X	X	X	
GW102813VW032	MW-87D1	Water	10/28/2013	12:45	X	X		X	X	X	
GW102813VW033	MW-87D2	Water	10/28/2013	13:00	X	X		X	X	X	
GW102813VW034	MW-81D2	Water	10/28/2013	13:30	X	X		X	X	X	
GW102813VW035	MW-81D1	Water	10/28/2013	13:45	X	X		X	X	X	
GW102913VW036	MW-83D2	Water	10/29/2013	08:15	X	X		X	X	X	
GW102913VW037	MW-83D1	Water	10/29/2013	08:45	X	X		X	X	X	
GW102913VW038	MW-61D2	Water	10/29/2013	09:00					X		
GW102913VW039	MW-86D1	Water	10/29/2013	09:45	X	X		X	X	X	
GW102913VW040	MW-86D2	Water	10/29/2013	10:15	X	X		X	X	X	

TABLE 1
SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013

<i>Sample Identification</i>	<i>Location</i>	<i>Matrix</i>	<i>Collection Date</i> <i>(mm/dd/yyyy)</i>	<i>Collection Time</i> <i>(hr:min)</i>	<i>Analysis/Parameters</i>						<i>Comments</i>
					<i>Ammonia</i>	<i>Nitrate, Nitrite</i>	<i>Methane</i>	<i>Phosphorous</i>	<i>VOCs</i>	<i>TOC</i>	
GW102913VW041	MW-68S	Water	10/29/2013	10:50	X	X		X	X	X	
GW102913VW042	MW-68D	Water	10/29/2013	11:15	X	X		X	X	X	
GW102913VW043	MW-67S	Water	10/29/2013	11:40	X	X		X	X	X	
GW102913VW044	MW-67D	Water	10/29/2013	12:10	X	X		X	X	X	
GW102913VW045	MW-66D2	Water	10/29/2013	12:30	X	X		X	X	X	
GW11713VW046	MW-63S	Water	11/7/2013	09:30	X	X		X	X	X	
GW11713VW047	MW-63I	Water	11/7/2013	10:00	X	X		X	X	X	
TB 10/24	Trip Blank	Water	10/24/2013	-					X		Trip Blank
TB 10/25	Trip Blank	Water	10/25/2013	-					X		Trip Blank
TB 10/28/13	Trip Blank	Water	10/28/2013	-					X		Trip Blank
TB 10/29/13	Trip Blank	Water	10/29/2013	-					X		Trip Blank
VZ102413VW001	VZ-4S	Soil gas	10/24/2013	10:00			X				X
VZ102413VW002	VZ-4D	Soil gas	10/24/2013	10:30			X				X
VZ102413VW003	VZ-1S	Soil gas	10/24/2013	11:30			X				X
VZ102413VW004	VZ-1D	Soil gas	10/24/2013	12:00			X				X
VZ102513VW005	VZ-2S	Soil gas	10/25/2013	09:00			X				X
VZ102513VW006	VZ-2D	Soil gas	10/25/2013	09:30			X				X
VZ102513VW007	VZ-6S	Soil gas	10/25/2013	10:00			X				X
VZ102513VW008	VZ-6D	Soil gas	10/25/2013	10:20			X				X
VZ102513VW009	VZ-5S	Soil gas	10/25/2013	11:00			X				X

TABLE 1

**SAMPLE COLLECTION AND ANALYSIS SUMMARY
 QUARTERLY GROUNDWATER MONITORING
 GLENN SPRINGS HOLDINGS, INC.
 HICKSVILLE, NEW YORK
 OCTOBER-NOVEMBER 2013**

<i>Sample Identification</i>	<i>Location</i>	<i>Matrix</i>	<i>Collection Date (mm/dd/yyyy)</i>	<i>Collection Time (hr:min)</i>	<i>Analysis/Parameters</i>						<i>Comments</i>	
					<i>Ammonia</i>	<i>Nitrate, Nitrite</i>	<i>Methane</i>	<i>Phosphorous</i>	<i>VOCs</i>	<i>TOC</i>		<i>TO 15</i>
VZ102513VW010	VZ-5D	Soil gas	10/25/2013	11:30			X				X	
VZ102813VW011	VZ-17S	Soil gas	10/28/2013	09:30			X				X	
VZ102813VW012	VZ-17D	Soil gas	10/28/2013	09:45			X				X	
VZ102813VW013	VZ-12S	Soil gas	10/28/2013	10:30			X				X	
VZ102813VW014	VZ-12D	Soil gas	10/28/2013	11:30			X				X	

Notes:

- VOCs - Volatile organic compounds
- TOC - Total organic carbon
- TO-15 - Toxic organic compounds in air

TABLE 2A

**ANALYTICAL RESULTS SUMMARY
 QUARTERLY GROUNDWATER MONITORING
 GLENN SPRINGS HOLDINGS, INC.
 HICKSVILLE, NEW YORK
 OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>VZ-1D</i>	<i>VZ-1S</i>	<i>VZ-2D</i>	<i>VZ-2S</i>	<i>VZ-4D</i>	<i>VZ-4S</i>
	<i>Sample ID:</i>	<i>VZ102413VW004</i>	<i>VZ102413VW003</i>	<i>VZ102513VW006</i>	<i>VZ102513VW005</i>	<i>VZ102413VW002</i>	<i>VZ102413VW001</i>
	<i>Sample Date:</i>	<i>10/24/2013</i>	<i>10/24/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/24/2013</i>	<i>10/24/2013</i>
<i>Parameters</i>	<i>Units</i>						
<i>Volatile Organic Compounds</i>							
1,1,1,2-Tetrachloroethane	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
1,1,1-Trichloroethane	ppbv	60.5 U	0.340 J	0.210 J	0.490 J	10.0 U	0.570
1,1,2,2-Tetrachloroethane	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
1,1,2-Trichloroethane	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
1,1-Dichloroethane	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
1,1-Dichloroethene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
1,2,4-Trichlorobenzene	ppbv	60.5 UJ	0.500 UJ	0.500 UJ	0.500 UJ	10.0 UJ	0.500 UJ
1,2,4-Trimethylbenzene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
1,2-Dichlorobenzene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
1,2-Dichloroethane	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
1,2-Dichloropropane	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
1,3,5-Trimethylbenzene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
1,3-Butadiene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
1,3-Dichlorobenzene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
1,4-Dichlorobenzene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
1,4-Dioxane	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
2-Hexanone	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
2-Phenylbutane (sec-Butylbenzene)	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
4-Ethyl toluene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Acetone	ppbv	344	6.10	0.500 U	6.04	16.6	2.28
Acrylonitrile	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Benzene	ppbv	60.5 U	0.500 U	0.270 J	0.500 U	10.0 U	0.500 U
Benzyl chloride	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Bromodichloromethane	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U

TABLE 2A

**ANALYTICAL RESULTS SUMMARY
 QUARTERLY GROUNDWATER MONITORING
 GLENN SPRINGS HOLDINGS, INC.
 HICKSVILLE, NEW YORK
 OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>VZ-1D</i>	<i>VZ-1S</i>	<i>VZ-2D</i>	<i>VZ-2S</i>	<i>VZ-4D</i>	<i>VZ-4S</i>
	<i>Sample ID:</i>	<i>VZ102413VW004</i>	<i>VZ102413VW003</i>	<i>VZ102513VW006</i>	<i>VZ102513VW005</i>	<i>VZ102413VW002</i>	<i>VZ102413VW001</i>
	<i>Sample Date:</i>	<i>10/24/2013</i>	<i>10/24/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/24/2013</i>	<i>10/24/2013</i>
<i>Parameters</i>	<i>Units</i>						
<i>Volatile Organic Compounds (Continued)</i>							
Bromoform	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Bromomethane (Methyl bromide)	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Carbon disulfide	ppbv	75.0	0.500 U	51.8	0.500 U	94.2	0.500 U
Carbon tetrachloride	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Chlorobenzene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Chloroethane	ppbv	60.5 U	0.500 U	3.24	0.500 U	10.0 U	0.500 U
Chloroform (Trichloromethane)	ppbv	60.5 U	0.500 U	0.700	0.500 U	10.0 U	0.500 U
Chloromethane (Methyl chloride)	ppbv	60.5 U	0.500 U	2.43	0.500 U	15.2	0.500 U
cis-1,2-Dichloroethene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
cis-1,3-Dichloropropene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Cyclohexane	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Cymene (p-Isopropyltoluene)	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Dibromochloromethane	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Dichlorodifluoromethane (CFC-12)	ppbv	60.5 U	0.560	0.950	0.770	10.0 U	0.530
Ethanol	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Ethyl acetate	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	3.62
Ethylbenzene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Hexachlorobutadiene	ppbv	60.5 UJ	0.500 UJ	0.500 UJ	0.500 UJ	10.0 UJ	0.500 UJ
Hexane	ppbv	60.5 U	0.840	5.31	0.500 U	10.0 U	0.500 U
Isopropyl alcohol	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Isopropyl benzene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
m&p-Xylenes	ppbv	121 U	1.00 U	1.00 U	1.00 U	20.0 U	1.00 U
Methyl tert butyl ether (MTBE)	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Methylene chloride	ppbv	60.5 U	0.500 U	0.690	0.500 U	10.0 U	0.500 U
Naphthalene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
N-Butylbenzene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
N-Heptane	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
o-Xylene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U

TABLE 2A

**ANALYTICAL RESULTS SUMMARY
 QUARTERLY GROUNDWATER MONITORING
 GLENN SPRINGS HOLDINGS, INC.
 HICKSVILLE, NEW YORK
 OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>VZ-1D</i>	<i>VZ-1S</i>	<i>VZ-2D</i>	<i>VZ-2S</i>	<i>VZ-4D</i>	<i>VZ-4S</i>
	<i>Sample ID:</i>	<i>VZ102413VW004</i>	<i>VZ102413VW003</i>	<i>VZ102513VW006</i>	<i>VZ102513VW005</i>	<i>VZ102413VW002</i>	<i>VZ102413VW001</i>
	<i>Sample Date:</i>	<i>10/24/2013</i>	<i>10/24/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/24/2013</i>	<i>10/24/2013</i>
<i>Parameters</i>	<i>Units</i>						
<i>Volatile Organic Compounds (Continued)</i>							
Propylene (propene)	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Styrene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Tetrachloroethene	ppbv	60.5 U	4.02	4.87	5.97	4.20 J	7.63
Tetrahydrofuran	ppbv	3630	4.73	4.00	3.08	1660	0.500 U
Toluene	ppbv	55.7 J	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
trans-1,2-Dichloroethene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
trans-1,3-Dichloropropene	ppbv	60.5 U	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Trichloroethene	ppbv	56.9 J	0.500 U	0.500 U	0.500 U	10.0 U	0.500 U
Trichlorofluoromethane (CFC-11)	ppbv	60.5 U	0.780	0.790	1.95	10.0 U	0.690
Trifluorotrichloroethane (Freon 113)	ppbv	60.5 U	0.500 U	22.4	7.36	10.0 U	0.680
Vinyl chloride	ppbv	60.5 U	0.500 U	5.86	0.500 U	10.0 U	0.500 U
<i>General Chemistry</i>							
Methane	ppmv	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U

TABLE 2A

**ANALYTICAL RESULTS SUMMARY
 QUARTERLY GROUNDWATER MONITORING
 GLENN SPRINGS HOLDINGS, INC.
 HICKSVILLE, NEW YORK
 OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>VZ-5D</i>	<i>VZ-5S</i>	<i>VZ-6D</i>	<i>VZ-6S</i>
	<i>Sample ID:</i>	<i>VZ102513VW010</i>	<i>VZ102513VW009</i>	<i>VZ102513VW008</i>	<i>VZ102513VW007</i>
	<i>Sample Date:</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>
Parameters	Units				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
1,1,1-Trichloroethane	ppbv	1.12 J	0.700	5.00 U	0.410 J
1,1,2,2-Tetrachloroethane	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
1,1,2-Trichloroethane	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
1,1-Dichloroethane	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
1,1-Dichloroethene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
1,2,4-Trichlorobenzene	ppbv	2.00 UJ	0.500 UJ	5.00 UJ	0.500 UJ
1,2,4-Trimethylbenzene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
1,2-Dichlorobenzene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
1,2-Dichloroethane	ppbv	2.00 U	0.270 J	5.00 U	0.500 U
1,2-Dichloropropane	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
1,3,5-Trimethylbenzene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
1,3-Butadiene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
1,3-Dichlorobenzene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
1,4-Dichlorobenzene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
1,4-Dioxane	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
2-Hexanone	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
2-Phenylbutane (sec-Butylbenzene)	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
4-Ethyl toluene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Acetone	ppbv	6.52	3.89	54.7	6.45
Acrylonitrile	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Benzene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Benzyl chloride	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Bromodichloromethane	ppbv	2.00 U	0.500 U	5.00 U	0.500 U

TABLE 2A
ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013

	<i>Sample Location:</i>	<i>VZ-5D</i>	<i>VZ-5S</i>	<i>VZ-6D</i>	<i>VZ-6S</i>
	<i>Sample ID:</i>	<i>VZ102513VW010</i>	<i>VZ102513VW009</i>	<i>VZ102513VW008</i>	<i>VZ102513VW007</i>
	<i>Sample Date:</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>
Parameters	Units				
<i>Volatile Organic Compounds (Continued)</i>					
Bromoform	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Bromomethane (Methyl bromide)	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Carbon disulfide	ppbv	70.1	0.500 U	65.7	0.500 U
Carbon tetrachloride	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Chlorobenzene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Chloroethane	ppbv	10.4	0.500 U	5.00 U	0.500 U
Chloroform (Trichloromethane)	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Chloromethane (Methyl chloride)	ppbv	12.2	0.500 U	34.5	0.500 U
cis-1,2-Dichloroethene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
cis-1,3-Dichloropropene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Cyclohexane	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Cymene (p-Isopropyltoluene)	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Dibromochloromethane	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Dichlorodifluoromethane (CFC-12)	ppbv	2.00 U	0.620	5.00 U	0.700
Ethanol	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Ethyl acetate	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Ethylbenzene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Hexachlorobutadiene	ppbv	2.00 UJ	0.500 UJ	5.00 UJ	0.500 UJ
Hexane	ppbv	3.68	0.500 U	5.00 U	0.500 U
Isopropyl alcohol	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Isopropyl benzene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
m&p-Xylenes	ppbv	4.00 U	1.00 U	10.0 U	1.00 U
Methyl tert butyl ether (MTBE)	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Methylene chloride	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Naphthalene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
N-Butylbenzene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
N-Heptane	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
o-Xylene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U

TABLE 2A
ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013

	<i>Sample Location:</i>	<i>VZ-5D</i>	<i>VZ-5S</i>	<i>VZ-6D</i>	<i>VZ-6S</i>
	<i>Sample ID:</i>	<i>VZ102513VW010</i>	<i>VZ102513VW009</i>	<i>VZ102513VW008</i>	<i>VZ102513VW007</i>
	<i>Sample Date:</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>
Parameters	Units				
<i>Volatile Organic Compounds (Continued)</i>					
Propylene (propene)	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Styrene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Tetrachloroethene	ppbv	75.6	31.4	16.6	2.33
Tetrahydrofuran	ppbv	264	4.98	547	1.43
Toluene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
trans-1,2-Dichloroethene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
trans-1,3-Dichloropropene	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
Trichloroethene	ppbv	4.32	0.500 U	5.00 U	0.500 U
Trichlorofluoromethane (CFC-11)	ppbv	2.00 U	0.520	5.00 U	1.11
Trifluorotrchloroethane (Freon 113)	ppbv	24.7	6.34	29.8	9.61
Vinyl chloride	ppbv	2.00 U	0.500 U	5.00 U	0.500 U
<i>General Chemistry</i>					
Methane	ppmv	10.0 U	10.0 U	10.0 U	10.0 U

TABLE 2A

**ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>VZ-12D</i>	<i>VZ-12S</i>	<i>VZ-17D</i>	<i>VZ-17S</i>
	<i>Sample ID:</i>	<i>VZ102813VW014</i>	<i>VZ102813VW013</i>	<i>VZ102813VW012</i>	<i>VZ102813VW011</i>
	<i>Sample Date:</i>	<i>10/28/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>
Parameters	Units				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
1,1,1-Trichloroethane	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
1,1,2,2-Tetrachloroethane	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
1,1,2-Trichloroethane	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
1,1-Dichloroethane	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
1,1-Dichloroethene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
1,2,4-Trichlorobenzene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
1,2,4-Trimethylbenzene	ppbv	23.4 J	0.500 U	0.500 U	0.500 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
1,2-Dichlorobenzene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
1,2-Dichloroethane	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
1,2-Dichloropropane	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
1,3,5-Trimethylbenzene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
1,3-Butadiene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
1,3-Dichlorobenzene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
1,4-Dichlorobenzene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
1,4-Dioxane	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	376	0.500 U	0.500 U	0.500 U
2-Hexanone	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
2-Phenylbutane (sec-Butylbenzene)	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
4-Ethyl toluene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Acetone	ppbv	1290	4.30	2.41	4.82
Acrylonitrile	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Benzene	ppbv	26.9 J	0.500 U	0.500 U	0.500 U
Benzyl chloride	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Bromodichloromethane	ppbv	58.5 U	0.500 U	0.500 U	0.500 U

TABLE 2A
ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013

	<i>Sample Location:</i>	<i>VZ-12D</i>	<i>VZ-12S</i>	<i>VZ-17D</i>	<i>VZ-17S</i>
	<i>Sample ID:</i>	<i>VZ102813VW014</i>	<i>VZ102813VW013</i>	<i>VZ102813VW012</i>	<i>VZ102813VW011</i>
	<i>Sample Date:</i>	<i>10/28/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>
Parameters	Units				
<i>Volatile Organic Compounds (Continued)</i>					
Bromoform	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Bromomethane (Methyl bromide)	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Carbon disulfide	ppbv	260	0.500 U	16.2	0.500 U
Carbon tetrachloride	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Chlorobenzene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Chloroethane	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Chloroform (Trichloromethane)	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Chloromethane (Methyl chloride)	ppbv	58.5 U	0.500 U	8.87	0.500 U
cis-1,2-Dichloroethene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
cis-1,3-Dichloropropene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Cyclohexane	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Cymene (p-Isopropyltoluene)	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Dibromochloromethane	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Dichlorodifluoromethane (CFC-12)	ppbv	58.5 U	2.29	8.95	5.51
Ethanol	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Ethyl acetate	ppbv	58.5 U	0.500 U	0.500 U	2.68
Ethylbenzene	ppbv	45.6 J	0.500 U	0.500 U	0.500 U
Hexachlorobutadiene	ppbv	58.5 UJ	0.500 UJ	0.500 UJ	0.500 UJ
Hexane	ppbv	432	0.700	0.500 U	0.500 U
Isopropyl alcohol	ppbv	195	0.500 U	0.500 U	0.500 U
Isopropyl benzene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
m&p-Xylenes	ppbv	199	1.00 U	1.00 U	1.00 U
Methyl tert butyl ether (MTBE)	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Methylene chloride	ppbv	58.5 U	1.45	0.500 U	0.500 U
Naphthalene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
N-Butylbenzene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
N-Heptane	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
o-Xylene	ppbv	52.6 J	0.500 U	0.500 U	0.500 U

TABLE 2A
ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013

	<i>Sample Location:</i>	<i>VZ-12D</i>	<i>VZ-12S</i>	<i>VZ-17D</i>	<i>VZ-17S</i>
	<i>Sample ID:</i>	<i>VZ102813VW014</i>	<i>VZ102813VW013</i>	<i>VZ102813VW012</i>	<i>VZ102813VW011</i>
	<i>Sample Date:</i>	<i>10/28/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>
<i>Parameters</i>	<i>Units</i>				
<i>Volatile Organic Compounds (Continued)</i>					
Propylene (propene)	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Styrene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Tetrachloroethene	ppbv	69.0	24.2	32.1	24.6
Tetrahydrofuran	ppbv	3650	0.500 U	9.33	0.500 U
Toluene	ppbv	411	0.500 U	0.500 U	0.500 U
trans-1,2-Dichloroethene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
trans-1,3-Dichloropropene	ppbv	58.5 U	0.500 U	0.500 U	0.500 U
Trichloroethene	ppbv	29.2 J	0.500 U	0.500 U	0.500 U
Trichlorofluoromethane (CFC-11)	ppbv	58.5 U	1.85	5.32	3.27
Trifluorotrchloroethane (Freon 113)	ppbv	58.5 U	2.56	3.32	2.88
Vinyl chloride	ppbv	58.5 U	0.500 U	2.10	0.500 U
<i>General Chemistry</i>					
Methane	ppmv	10.0 U	10.0 U	10.0 U	10.0 U

Notes:

- J - Estimated concentration
- U - Not detected at the associated reporting limit.
- UJ - Not detected; associated reporting limit is estimated.

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
 QUARTERLY GROUNDWATER MONITORING
 GLENN SPRINGS HOLDINGS, INC.
 HICKSVILLE, NEW YORK
 OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>MW-61D2</i>	<i>MW-63D1</i>	<i>MW-63D2</i>	<i>MW-63I</i>	<i>MW-63S</i>
	<i>Sample ID:</i>	<i>GW102913VW038</i>	<i>GW102413VW002</i>	<i>GW102413VW003</i>	<i>GW11713VW047</i>	<i>GW11713VW046</i>
	<i>Sample Date:</i>	<i>10/29/2013</i>	<i>10/24/2013</i>	<i>10/24/2013</i>	<i>11/7/2013</i>	<i>11/7/2013</i>
Parameters	Units					
<i>Volatile Organic Compounds</i>						
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	7.0 U	7.2 U	7.6 U	11 U	9.4 U
Benzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	5.0 U	5.0 U	5.0 U	6.4	5.0 U
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	µg/L	2.1 J	3.6 J	3.9 J	3.8 J	3.8 J
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	30	3.2 J	3.1 J	12	9.4
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2B
ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013

	<i>Sample Location:</i>	<i>MW-61D2</i>	<i>MW-63D1</i>	<i>MW-63D2</i>	<i>MW-63I</i>	<i>MW-63S</i>
	<i>Sample ID:</i>	<i>GW102913VW038</i>	<i>GW102413VW002</i>	<i>GW102413VW003</i>	<i>GW11713VW047</i>	<i>GW11713VW046</i>
	<i>Sample Date:</i>	<i>10/29/2013</i>	<i>10/24/2013</i>	<i>10/24/2013</i>	<i>11/7/2013</i>	<i>11/7/2013</i>
Parameters	Units					
<i>Volatile Organic Compounds (Continued)</i>						
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	46	5.6	5.2	8.2	7.7
Vinyl chloride	µg/L	1.2 J	45	46	5.0 U	5.0 U
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
<i>General Chemistry</i>						
Ammonia-N	mg/L	-	0.083 J	0.127	0.140	0.084 J
Nitrate (as N)	mg/L	-	0.500 U	1.00 U	0.500 U	0.500 U
Nitrite (as N)	mg/L	-	0.500 U	0.502 J	0.404 J	0.500 U
Phosphorus	mg/L	-	.13 U	.10 U	0.030 U	0.030 U
Total organic carbon (TOC)	mg/L	-	3.1 J	10 U	10 U	2.3 J

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
 QUARTERLY GROUNDWATER MONITORING
 GLENN SPRINGS HOLDINGS, INC.
 HICKSVILLE, NEW YORK
 OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>MW-66D2</i>	<i>MW-67D</i>	<i>MW-67S</i>	<i>MW-68D</i>	<i>MW-68S</i>
	<i>Sample ID:</i>	GW102913VW045	GW102913VW044	GW102913VW043	GW102913VW042	GW102913VW041
	<i>Sample Date:</i>	10/29/2013	10/29/2013	10/29/2013	10/29/2013	10/29/2013
<i>Parameters</i>	<i>Units</i>					
<i>Volatile Organic Compounds</i>						
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,1,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	1.4 J	5.0 U	1.2 J	5.0 U	3.0 J
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	6.7
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	9.6 U	7.7 U	10 U	10 U	7.3 U
Benzene	µg/L	5.0 U	5.0 U	1.7 J	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	5.0 U	5.0 U	2.5 J	5.0 U	1.0 J
Chloroethane	µg/L	5.0 U	5.0 U	10	5.0 U	19
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	µg/L	1.2 J	2.2 J	14	2.1 J	260
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	43	11	4.6 J	19	6.8
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
 QUARTERLY GROUNDWATER MONITORING
 GLENN SPRINGS HOLDINGS, INC.
 HICKSVILLE, NEW YORK
 OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>MW-66D2</i>	<i>MW-67D</i>	<i>MW-67S</i>	<i>MW-68D</i>	<i>MW-68S</i>
	<i>Sample ID:</i>	<i>GW102913VW045</i>	<i>GW102913VW044</i>	<i>GW102913VW043</i>	<i>GW102913VW042</i>	<i>GW102913VW041</i>
	<i>Sample Date:</i>	<i>10/29/2013</i>	<i>10/29/2013</i>	<i>10/29/2013</i>	<i>10/29/2013</i>	<i>10/29/2013</i>
<i>Parameters</i>	<i>Units</i>					
<i>Volatile Organic Compounds (Continued)</i>						
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	58	36	16	78	11
Vinyl chloride	µg/L	5.0 U	5.0 U	100	5.0 U	580
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
<i>General Chemistry</i>						
Ammonia-N	mg/L	3.80	0.582	0.100 U	0.270	0.414
Nitrate (as N)	mg/L	3.87	3.60	2.00 U	3.26	1.00 U
Nitrite (as N)	mg/L	0.626 J	0.385 J	1.92 J	1.03	0.686 J
Phosphorus	mg/L	0.030 U	0.032 U	0.054 U	0.030 U	0.032 U
Total organic carbon (TOC)	mg/L	10 U	10 U	10 U	10 U	10 U

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>MW-70D1</i>	<i>MW-70D2</i>	<i>MW-72D1</i>	<i>MW-72D2</i>	<i>MW-73D1</i>
	<i>Sample ID:</i>	<i>GW102413VW008</i>	<i>GW102413VW009</i>	<i>GW102413VW006</i>	<i>GW102413VW007</i>	<i>GW102513VW012</i>
	<i>Sample Date:</i>	<i>10/24/2013</i>	<i>10/24/2013</i>	<i>10/24/2013</i>	<i>10/24/2013</i>	<i>10/25/2013</i>
<i>Parameters</i>	<i>Units</i>					
<i>Volatile Organic Compounds</i>						
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	7.9 UJ	8.3 U	6.9 U	6.2 U	6.2 U
Benzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	5.0 U	2.4 J	5.0 U	5.0 U	5.0 U
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	µg/L	5.0 U	9.0	5.0 U	67	5.0 U
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	5.8	45	5.0 U	480	1.9 J
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>MW-70D1</i>	<i>MW-70D2</i>	<i>MW-72D1</i>	<i>MW-72D2</i>	<i>MW-73D1</i>
	<i>Sample ID:</i>	<i>GW102413VW008</i>	<i>GW102413VW009</i>	<i>GW102413VW006</i>	<i>GW102413VW007</i>	<i>GW102513VW012</i>
	<i>Sample Date:</i>	<i>10/24/2013</i>	<i>10/24/2013</i>	<i>10/24/2013</i>	<i>10/24/2013</i>	<i>10/25/2013</i>
<i>Parameters</i>	<i>Units</i>					
<i>Volatile Organic Compounds (Continued)</i>						
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	1.6 J	5.0 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	1.1 J	13	5.0 U	25	5.0 U
Vinyl chloride	µg/L	21	1.6 J	5.0 U	5.0 U	5.0 U
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
<i>General Chemistry</i>						
Ammonia-N	mg/L	0.332	0.119	0.083 J	0.792	0.100 U
Nitrate (as N)	mg/L	0.500 U	0.522	1.00 U	0.544	7.47
Nitrite (as N)	mg/L	0.500 U	0.500 U	0.686 J	0.265 J	0.580 J
Phosphorus	mg/L	.047 U	0.030 U	0.030 U	0.030 U	0.030 U
Total organic carbon (TOC)	mg/L	10 U	10 U	10 U	10 U	3.2 J

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>MW-73D2</i>	<i>MW-75D1</i>	<i>MW-75D2</i>	<i>MW-76D1</i>	<i>MW-76D2</i>
	<i>Sample ID:</i>	<i>GW102513VW011</i>	<i>GW102413VW004</i>	<i>GW102413VW005</i>	<i>GW102513VW018</i>	<i>GW102513VW019</i>
	<i>Sample Date:</i>	<i>10/25/2013</i>	<i>10/24/2013</i>	<i>10/24/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>
<i>Parameters</i>	<i>Units</i>					
<i>Volatile Organic Compounds</i>						
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	9.1 U	8.1 U	7.4 U	8.9 UJ	7.8 UJ
Benzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	5.0 U	7.5	14	5.0 U	8.4
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	µg/L	2.7 J	24	34	5.0 U	9.3
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	13	7.0	27	5.6	45
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
 QUARTERLY GROUNDWATER MONITORING
 GLENN SPRINGS HOLDINGS, INC.
 HICKSVILLE, NEW YORK
 OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>MW-73D2</i>	<i>MW-75D1</i>	<i>MW-75D2</i>	<i>MW-76D1</i>	<i>MW-76D2</i>
	<i>Sample ID:</i>	<i>GW102513VW011</i>	<i>GW102413VW004</i>	<i>GW102413VW005</i>	<i>GW102513VW018</i>	<i>GW102513VW019</i>
	<i>Sample Date:</i>	<i>10/25/2013</i>	<i>10/24/2013</i>	<i>10/24/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>
<i>Parameters</i>	<i>Units</i>					
<i>Volatile Organic Compounds (Continued)</i>						
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	6.1	2.6 J	42	1.1 J	19
Vinyl chloride	µg/L	0.62 J	28	460	15	4.9 J
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
<i>General Chemistry</i>						
Ammonia-N	mg/L	0.577	0.082 J	0.182	0.187	0.395
Nitrate (as N)	mg/L	15.0	1.00 U	1.00 U	6.50	14.3
Nitrite (as N)	mg/L	2.45	1.00 U	1.00 U	1.00 U	1.26 J
Phosphorus	mg/L	0.030 U	.049 U	.079 U	0.47 U	0.030 U
Total organic carbon (TOC)	mg/L	10 U	3.9 J	10 U	10 U	2.4 J

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013**

<i>Parameters</i>	<i>Units</i>	<i>Sample Location:</i>	<i>MW-76I</i>	<i>MW-76S</i>	<i>MW-77D2</i>	<i>MW-81D1</i>	<i>MW-81D2</i>
		<i>Sample ID:</i>	GW102513VW017	GW102513VW016	GW102513VW013	GW102813VW035	GW102813VW034
		<i>Sample Date:</i>	10/25/2013	10/25/2013	10/25/2013	10/28/2013	10/28/2013
<i>Volatile Organic Compounds</i>							
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	5.0 U	8.9 UJ	8.2 U	7.4 U	7.7 U	7.7 U
Benzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	21	5.0 U
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	µg/L	3.3 J	40	2.1 J	33	4.8 J	4.8 J
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	5.0 U	5.0 U	40	64	1.4 J	1.4 J
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>MW-76I</i>	<i>MW-76S</i>	<i>MW-77D2</i>	<i>MW-81D1</i>	<i>MW-81D2</i>
	<i>Sample ID:</i>	<i>GW102513VW017</i>	<i>GW102513VW016</i>	<i>GW102513VW013</i>	<i>GW102813VW035</i>	<i>GW102813VW034</i>
	<i>Sample Date:</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>
<i>Parameters</i>	<i>Units</i>					
<i>Volatile Organic Compounds (Continued)</i>						
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	5.0 U	5.0 U	18	190	12
Vinyl chloride	µg/L	5.1	2.3 J	5.0 U	7.5	5.0 U
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
<i>General Chemistry</i>						
Ammonia-N	mg/L	0.264	0.339	0.209	0.100 U	1.94
Nitrate (as N)	mg/L	3.45	7.01	7.65	0.836	0.500 U
Nitrite (as N)	mg/L	0.201 J	1.00 U	0.554 J	0.191 J	0.217 J
Phosphorus	mg/L	0.030 U	.050 U	0.030 U	0.31 U	0.030 U
Total organic carbon (TOC)	mg/L	10 U	10 U	2.6 J	10 U	10 U

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>MW-82D1</i>	<i>MW-82D2</i>	<i>MW-83D1</i>	<i>MW-83D2</i>	<i>MW-84D1</i>
	<i>Sample ID:</i>	GW102513VW022	GW102513VW023	GW102913VW037	GW102913VW036	GW102513VW020
	<i>Sample Date:</i>	10/25/2013	10/25/2013	10/29/2013	10/29/2013	10/25/2013
<i>Parameters</i>	<i>Units</i>					
<i>Volatile Organic Compounds</i>						
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	3.1 J	1.4 J	5.0 U	5.0 U	2.3 J
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	7.3 UJ	7.2 UJ	7.7 U	8.7 U	7.1 UJ
Benzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	4.8 J	5.0 U	12	5.0 U	5.0 U
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	µg/L	3.0 J	5.0 U	31	14	2.0 J
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	14	4.2 J	45	40	83
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>MW-82D1</i>	<i>MW-82D2</i>	<i>MW-83D1</i>	<i>MW-83D2</i>	<i>MW-84D1</i>
	<i>Sample ID:</i>	<i>GW102513VW022</i>	<i>GW102513VW023</i>	<i>GW102913VW037</i>	<i>GW102913VW036</i>	<i>GW102513VW020</i>
	<i>Sample Date:</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/29/2013</i>	<i>10/29/2013</i>	<i>10/25/2013</i>
<i>Parameters</i>	<i>Units</i>					
<i>Volatile Organic Compounds (Continued)</i>						
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	18	3.9 J	200	170	35
Vinyl chloride	µg/L	12	5.0 U	9.0	5.0 U	5.0 U
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
<i>General Chemistry</i>						
Ammonia-N	mg/L	0.100 U	2.30	0.100 U	0.100 U	0.100 U
Nitrate (as N)	mg/L	3.57	8.74	0.812	4.81	11.1
Nitrite (as N)	mg/L	0.500 U	0.652 J	0.500 U	0.500 U	1.00 U
Phosphorus	mg/L	0.060 U	0.030 U	0.057 U	0.081 U	0.050 U
Total organic carbon (TOC)	mg/L	10 U	10 U	10 U	10 U	2.4 J

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
 QUARTERLY GROUNDWATER MONITORING
 GLENN SPRINGS HOLDINGS, INC.
 HICKSVILLE, NEW YORK
 OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>MW-84D2</i>	<i>MW-85D1</i>	<i>MW-85D2</i>	<i>MW-85I</i>	<i>MW-85S</i>
	<i>Sample ID:</i>	<i>GW102513VW021</i>	<i>GW102813VW028</i>	<i>GW102813VW029</i>	<i>GW102813VW026</i>	<i>GW102813VW027</i>
	<i>Sample Date:</i>	<i>10/25/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>
<i>Parameters</i>	<i>Units</i>					
<i>Volatile Organic Compounds</i>						
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	1.2 J	3.9 J	2.3 J	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	7.4 UJ	11 UJ	8.8 UJ	8.1 UJ	8.8 UJ
Benzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	5.0 U	5.5	4.9 J	5.0 U	5.0 U
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	µg/L	5.8	3.7 J	1.9 J	5.0 U	5.0 U
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	21	22	5.7	2.7 J	5.0 U
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
 QUARTERLY GROUNDWATER MONITORING
 GLENN SPRINGS HOLDINGS, INC.
 HICKSVILLE, NEW YORK
 OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>MW-84D2</i>	<i>MW-85D1</i>	<i>MW-85D2</i>	<i>MW-85I</i>	<i>MW-85S</i>
	<i>Sample ID:</i>	<i>GW102513VW021</i>	<i>GW102813VW028</i>	<i>GW102813VW029</i>	<i>GW102813VW026</i>	<i>GW102813VW027</i>
	<i>Sample Date:</i>	<i>10/25/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>
<i>Parameters</i>	<i>Units</i>					
<i>Volatile Organic Compounds (Continued)</i>						
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	120	26	8.3	5.0 U	5.0 U
Vinyl chloride	µg/L	5.0 U	7.9	2.6 J	5.0 U	5.0 U
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
<i>General Chemistry</i>						
Ammonia-N	mg/L	0.647	0.100 U	0.100 U	0.071 J	-
Nitrate (as N)	mg/L	8.18	2.00 U	10.0 U	2.00 U	-
Nitrite (as N)	mg/L	1.00 U	1.21 J	8.78 J	2.00 U	-
Phosphorus	mg/L	0.059 U	0.19 U	0.072 U	0.033 U	-
Total organic carbon (TOC)	mg/L	10 U	10 U	10 U	10 U	-

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013**

<i>Sample Location:</i>	<i>MW-86D1</i>	<i>MW-86D2</i>	<i>MW-87D1</i>	<i>MW-87D2</i>	<i>MW-88D1</i>
<i>Sample ID:</i>	<i>GW102913VW039</i>	<i>GW102913VW040</i>	<i>GW102813VW032</i>	<i>GW102813VW033</i>	<i>GW102813VW030</i>
<i>Sample Date:</i>	<i>10/29/2013</i>	<i>10/29/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>
<i>Parameters</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	1.2 J
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	1.5 J
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	7.9 U	7.0 U	8.6 UJ	8.1 UJ
Benzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	2.5 J	5.0 U	5.0 U	5.0 U
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	µg/L	4.1 J	38	3.3 J	11
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	5.0	10	26	150
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>MW-86D1</i>	<i>MW-86D2</i>	<i>MW-87D1</i>	<i>MW-87D2</i>	<i>MW-88D1</i>
	<i>Sample ID:</i>	GW102913VW039	GW102913VW040	GW102813VW032	GW102813VW033	GW102813VW030
	<i>Sample Date:</i>	10/29/2013	10/29/2013	10/28/2013	10/28/2013	10/28/2013
<i>Parameters</i>	<i>Units</i>					
<i>Volatile Organic Compounds (Continued)</i>						
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	1.8 J	200	36	150	12
Vinyl chloride	µg/L	78	5.0 U	5.0 U	5.0 U	3.2 J
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
<i>General Chemistry</i>						
Ammonia-N	mg/L	1.12	1.16	0.100 U	0.074 J	0.100 U
Nitrate (as N)	mg/L	0.500 U	1.36	2.68	0.805	1.00 U
Nitrite (as N)	mg/L	0.194 J	0.298 J	0.500 U	0.0395 J	0.621 J
Phosphorus	mg/L	0.030 U	0.038 U	0.043 U	0.092 U	0.039 U
Total organic carbon (TOC)	mg/L	10 U	10 U	10 U	10 U	10 U

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>MW-88D2</i>	<i>MW-89D1</i>	<i>MW-89D2</i>	<i>MW-90D1</i>	<i>MW-90D2</i>
	<i>Sample ID:</i>	<i>GW102813VW031</i>	<i>GW102813VW024</i>	<i>GW102813VW025</i>	<i>GW102513VW014</i>	<i>GW102513VW015</i>
	<i>Sample Date:</i>	<i>10/28/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>
<i>Parameters</i>	<i>Units</i>					
<i>Volatile Organic Compounds</i>						
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	1.6 J	1.1 J	3.4 J	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	8.0 UJ	9.8 UJ	9.4 UJ	6.0 U	6.9 UJ
Benzene	µg/L	5.0 U	2.3 J	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	5.0 U	3.9 J	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	5.0 U	5.7	3.0 J	5.0 U	5.0 U
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	µg/L	1.7 J	110	41	30	9.1
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	5.0 U	6.2	1.6 J	22	44
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2B

**ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013**

	<i>Sample Location:</i>	<i>MW-88D2</i>	<i>MW-89D1</i>	<i>MW-89D2</i>	<i>MW-90D1</i>	<i>MW-90D2</i>
	<i>Sample ID:</i>	<i>GW102813VW031</i>	<i>GW102813VW024</i>	<i>GW102813VW025</i>	<i>GW102513VW014</i>	<i>GW102513VW015</i>
	<i>Sample Date:</i>	<i>10/28/2013</i>	<i>10/28/2013</i>	<i>10/28/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>
<i>Parameters</i>	<i>Units</i>					
<i>Volatile Organic Compounds (Continued)</i>						
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	5.0 U	2.8 J	2.4 J	13	23
Vinyl chloride	µg/L	5.0 U	51	13	84	5.0 U
Xylenes (total)	µg/L	5.0 U	2.4 J	5.0 U	5.0 U	5.0 U
<i>General Chemistry</i>						
Ammonia-N	mg/L	2.57	0.100 U	0.100 U	-	-
Nitrate (as N)	mg/L	0.500 U	1.00 U	0.100 U	-	-
Nitrite (as N)	mg/L	0.230 J	0.531 J	0.100 U	-	-
Phosphorus	mg/L	0.049 U	0.050 U	0.12 U	-	-
Total organic carbon (TOC)	mg/L	10 U	4.4 J	4.4 J	-	-

Notes:

- J - Estimated concentration
- U - Not detected at the associated reporting limit.
- UJ - Not detected; associated reporting limit is estimated.
- Not analyzed

TABLE 3
ANALYTICAL METHODS AND HOLDING TIME CRITERIA
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013

<i>Parameter</i>	<i>Method</i>	<i>Matrix</i>	<i>Holding Time</i>	
			<i>Collection to Extraction (Days)</i>	<i>Collection or Extraction to Analysis (Days)</i>
TCL VOC	SW-846 8260 ¹	Water	-	14
Ammonia	E350.1 ³	Water	-	28
Phosphorous	SM 4500P ²	Water	-	28
Nitrate, Nitrite	E353.2 ³	Water	-	48 hr.
Methane	EPA 3C	Water	-	30
VOC	TO-15 ⁴	Water	-	14
Total Organic Carbon (TOC)	415.1 ³	Water	-	28

Notes:

- ¹ - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions.
- ² - "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992, with subsequent revisions.
- ³ - "Methods for Chemical Analysis of Water and Wastes", USEPA-600/4-79-020, March 1983 with subsequent revisions.
- ⁴ - "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999

TABLE 4
QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013

<i>Parameter</i>	<i>Analyte</i>	<i>Calibration Date</i>	<i>RRF</i>	<i>%D</i>	<i>Associated Sample ID</i>	<i>Qualified Result</i>	<i>Units</i>
VOCs	1,2,4-Trichlorobenzene	11/1/2013	-	31.2	VZ102413VW001	3.71 UJ	µg/m ³
					VZ102413VW002	74.23 UJ	µg/m ³
					VZ102413VW003	3.71 UJ	µg/m ³
					VZ102513VW005	3.71 UJ	µg/m ³
					VZ102513VW006	3.71 UJ	µg/m ³
					VZ102513VW007	3.71 UJ	µg/m ³
					VZ102513VW008	37.12 UJ	µg/m ³
					VZ102513VW009	3.71 UJ	µg/m ³
					VOCs	Hexachlorobutadiene	11/1/2013
VZ102413VW002	106.63 UJ	µg/m ³					
VZ102413VW003	5.33 UJ	µg/m ³					
VZ102513VW005	5.33 UJ	µg/m ³					
VZ102513VW006	5.33 UJ	µg/m ³					
VZ102513VW007	5.33 UJ	µg/m ³					
VZ102513VW008	53.31 UJ	µg/m ³					
VZ102513VW009	5.33 UJ	µg/m ³					
VOCs	1,2,4-Trichlorobenzene	11/4/2013	-	38.0			
					VZ102513VW010	14.85 UJ	µg/m ³
VOCs	Hexachlorobutadiene	11/4/2013	-	55.4	VZ102413VW004	645.09 UJ	µg/m ³
					VZ102513VW010	21.33 UJ	µg/m ³

TABLE 4

**QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
 QUARTERLY GROUNDWATER MONITORING
 GLENN SPRINGS HOLDINGS, INC.
 HICKSVILLE, NEW YORK
 OCTOBER-NOVEMBER 2013**

<i>Parameter</i>	<i>Analyte</i>	<i>Calibration Date</i>	<i>RRF</i>	<i>%D</i>	<i>Associated Sample ID</i>	<i>Qualified Result</i>	<i>Units</i>
VOCs	Hexachlorobutadiene	11/5/2013	-	50.3	VZ102813VW011	5.33 UJ	µg/m ³
					VZ102813VW012	5.33 UJ	µg/m ³
					VZ102813VW013	5.33 UJ	µg/m ³

Notes:

- - Not applicable
- %D - Percent difference
- RRF - Relative response factor
- UJ - Not detected; associated reporting limit is estimated.
- VOCs - Volatile organic compounds

TABLE 5

**QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE RESULTS
 QUARTERLY GROUNDWATER MONITORING
 GLENN SPRINGS HOLDINGS, INC.
 HICKSVILLE, NEW YORK
 OCTOBER-NOVEMBER 2013**

<i>Parameter</i>	<i>Analyte</i>	<i>LCS Date</i>	<i>LCS (percent)</i>	<i>Control Limits (percent)</i>	<i>Associated Sample ID</i>	<i>Qualified Results</i>	<i>Units</i>
VOCs	Hexachlorobutadiene	11/06/13	62	70 - 130	VZ102813VW014	623.8 UJ	µg/m ³

Notes:

- LCS - Laboratory control sample
- UJ - Not detected; associated reporting limit is estimated.
- VOCs - Volatile organic compounds

TABLE 6
QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013

<i>Parameter</i>	<i>Rinse Blank ID</i>	<i>Blank Date</i>	<i>Analyte</i>	<i>Blank Result</i>	<i>Associated Sample ID</i>	<i>Original Result</i>	<i>Qualified Result</i>	<i>Units</i>
VOCs	GW102413VW001	10/24/13	Acetone	7.4	GW102413VW002	7.2	7.2 U	µg/L
					GW102413VW003	7.6	7.6 U	µg/L
					GW102413VW004	8.1	8.1 U	µg/L
					GW102413VW005	7.4	7.4 U	µg/L
					GW102413VW006	6.9	6.9 U	µg/L
					GW102413VW007	6.2	6.2 U	µg/L
					GW102413VW008	7.9	7.9 U	µg/L
					GW102413VW009	8.3	8.3 U	µg/L
					GW102513VW011	9.1	9.1 U	µg/L
					GW102513VW012	6.2	6.2 U	µg/L
					GW102513VW013	8.2	8.2 U	µg/L
					GW102513VW014	6.0	6.0 U	µg/L
					GW102513VW015	6.9	6.9 U	µg/L
					GW102513VW016	8.9	8.9 U	µg/L
					GW102513VW018	8.9	8.9 U	µg/L
					GW102513VW019	7.8	7.8 U	µg/L
					GW102513VW020	7.1	7.1 U	µg/L
					GW102513VW021	7.4	7.4 U	µg/L
					GW102513VW022	7.3	7.3 U	µg/L
					GW102513VW023	7.2	7.2 U	µg/L
					GW102813VW024	9.8	9.8 U	µg/L
					GW102813VW025	9.4	9.4 U	µg/L
					GW102813VW026	8.1	8.1 U	µg/L
					GW102813VW027	8.8	8.8 U	µg/L
					GW102813VW028	11	11 U	µg/L
					GW102813VW029	8.8	8.8 U	µg/L

TABLE 6

**QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
 QUARTERLY GROUNDWATER MONITORING
 GLENN SPRINGS HOLDINGS, INC.
 HICKSVILLE, NEW YORK
 OCTOBER-NOVEMBER 2013**

<i>Parameter</i>	<i>Rinse Blank ID</i>	<i>Blank Date</i>	<i>Analyte</i>	<i>Blank Result</i>	<i>Associated Sample ID</i>	<i>Original Result</i>	<i>Qualified Result</i>	<i>Units</i>
VOCs	GW102413VW001	10/24/13	Acetone	7.4	GW102813VW030	9.0	9.0 U	µg/L
					GW102813VW031	8.0	8.0 U	µg/L
					GW102813VW032	8.6	8.6 U	µg/L
					GW102813VW033	8.1	8.1 U	µg/L
					GW102813VW034	7.7	7.7 U	µg/L
					GW102813VW035	7.4	7.4 U	µg/L
					GW102913VW036	8.7	8.7 U	µg/L
					GW102913VW037	7.7	7.7 U	µg/L
					GW102913VW038	7.0	7.0 U	µg/L
					GW102913VW039	7.9	7.9 U	µg/L
					GW102913VW040	7.0	7.0 U	µg/L
					GW102913VW041	7.3	7.3 U	µg/L
					GW102913VW042	10	10 U	µg/L
					GW102913VW043	10	10 U	µg/L
					GW102913VW044	7.7	7.7 U	µg/L
					GW102913VW045	9.6	9.6 U	µg/L
					GW11713VW046	9.4	9.4 U	µg/L
GW11713VW047	11	11 U	µg/L					
VOCs	GW102413VW001	10/24/13	Chloromethane	1.3 J	GW102413VW002	0.96 J	5.0 U	µg/L
					GW102413VW007	0.59 J	5.0 U	µg/L
General Chemistry	GW102413VW010	10/24/13	Phosphorous	0.10	GW102413VW002	0.13	0.13 U	mg/L
					GW102413VW003	0.10	0.10 U	mg/L
					GW102413VW004	0.049	0.049 U	mg/L
					GW102413VW005	0.079	0.079 U	mg/L

TABLE 6
QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013

<i>Parameter</i>	<i>Rinse Blank ID</i>	<i>Blank Date</i>	<i>Analyte</i>	<i>Blank Result</i>	<i>Associated Sample ID</i>	<i>Original Result</i>	<i>Qualified Result</i>	<i>Units</i>
General Chemistry	GW102413VW010	10/24/13	Phosphorous	0.10	GW102413VW008	0.047	0.047 U	mg/L
					GW102513VW016	0.050	0.050 U	mg/L
					GW102513VW018	0.47	0.47 U	mg/L
					GW102513VW020	0.050	0.050 U	mg/L
					GW102513VW021	0.059	0.059 U	mg/L
					GW102513VW022	0.060	0.060 U	mg/L
					GW102813VW024	0.050	0.050 U	mg/L
					GW102813VW025	0.12	0.12 U	mg/L
					GW102813VW026	0.033	0.033 U	mg/L
					GW102813VW028	0.19	0.19 U	mg/L
					GW102813VW029	0.072	0.072 U	mg/L
					GW102813VW030	0.039	0.039 U	mg/L
					GW102813VW031	0.049	0.049 U	mg/L
					GW102813VW032	0.043	0.043 U	mg/L
					GW102813VW033	0.092	0.092 U	mg/L
					GW102813VW035	0.31	0.31 U	mg/L
					GW102913VW036	0.081	0.081 U	mg/L
					GW102913VW037	0.057	0.057 U	mg/L
					GW102913VW040	0.038	0.038 U	mg/L
					GW102913VW041	0.032	0.032 U	mg/L
GW102913VW043	0.054	0.054 U	mg/L					
GW102913VW044	0.032	0.032 U	mg/L					

Notes:

- J - Estimated concentration
- U - Not detected at the associated reporting limit.
- VOCs - Volatile organic compounds

TABLE 7
TENTATIVELY IDENTIFIED COMPOUNDS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER-NOVEMBER 2013

<i>Sample ID</i>	<i>Volatile Organics</i>	<i>Estimated Concentration (µg/L)</i>
GW102513VW017	Propanal, 2-methyl-	19 J
GW102813VW024	Cyclohexane, 4-ethenyl- n-Butyl ether 2,4,4,6-Tetramethyl-[1,3,2]d (R)-(-)-(Z)-14-Methyl-8-hexa	9.5 J 20 J 15 J 7.3 J
GW102913VW041	n-Butyl ether	5.6 J
GW102913VW043	Unknown Cyclohexane, 4-ethenyl-	26.2 J 13 J

Notes:

J - Estimated concentration