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October 7, 2015

Mr. Mike Negrelli
Emergency and Remedial Response Division
United States Environmental Protection Agency - Region II
290 Broadway, 20th Floor
New York, NY 10007-1866

Dear Mr. Negrelli:

Re: Quarterly Report – Third Quarter 2015 (July through September)
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 July through September 2015 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 January 15, 2016 and will cover October through December 2015. A listing of the primary activities is provided in Table 1.

Quarterly Progress Report

The following activities were performed during the period July through September 2015:

- The Quarterly Progress Report for the time period April through June 2015 was submitted to the USEPA on July 14, 2015.
- USEPA's Preliminary Site Close-out Report was received on July 8, 2015.

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-3R supplemental air treatment system continued.
- ii. The carbon bed was changed out on July 2, 2015.

Biosparge System

See Figures 1 and 2 for system layout and Figures 3 and 4 for system cross-sections. Also shown on Figures 1 and 2 are the most recent VCM groundwater concentrations.

A request was received on July 29 from the NYSDEC to sample well nest MW-93 for radium as part of a regional groundwater sampling program. GSH granted permission on August 4, 2015.

During the reporting period, air was injected into all north fence wells and all middle fence injection wells except for IW-16D1, IW-18D1, IW-18D2, IW-19D1, and IW-19D2. 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 the air injection wells immediately adjacent to and above these injection points and the dissolved oxygen (DO) concentrations in the nearby monitoring wells are greater than the target level of 2.0 micrograms per liter (mg/L) and VCM concentrations continue to decrease or remain low level. Short-term periods of no air injection also occurred in several other wells (see Figures 5 through 25). The causes for such were typically remedied within one or two weeks.

Notification of the 2nd semi-annual biosparge system performance monitoring event was provided to the USEPA on September 14, 2015.

Summary of Biosparge System

The 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 25. To date, the results show that the biosparge system is operating successfully as demonstrated by the following:

- i. DO levels in the groundwater are greater than the target concentration of 2 milligrams per liter (mg/L) in all of the 38 monitoring wells as measured in April/May 2015 (see Table 2).
- ii. Groundwater VCM concentrations are non-detect, low level, or decreased between the October 2014 and April 2015 performance monitoring events in all of the 43 monitoring wells for the biosparge system as a result of the microbial biodegradation processes.

The VCM concentrations along the west edge of the VCM subplume between the north fence and the middle fence held relatively constant from October 2014 (4 µg/L) to April 2015 (5 µg/L) in MW-63 and decreased from 110 to 33 µg/L in well MW-86.

The VCM concentrations along the east edge of the VCM subplume down gradient of the middle fence held constant at 7 µg/L in well MW-89 and were non-detect in well MW-85 for both the October 2014 and April 2015 monitoring events.

The VCM concentration in Northrop well MW-3-1, located in close proximity to Northrop Well 3 (fka GP-3), decreased from 78 µg/L in June 2013 to 5 µg/L in May 2015.

All of the above indicate that the extent of the VCM subplume is becoming smaller and the VCM concentrations therein are decreasing.

Well Conditions Update

The operational status of the injection and monitoring wells for the biosparge system were provided in the Second Quarter 2015 Progress Report submitted on July 4, 2015. The well conditions will be updated using observations obtained during the October 2015 sampling event. The update will be provided in the Fourth Quarter 2015 Progress Report to be submitted by January 15, 2016.

Planned Third Quarter 2015 Activities

The following activities are planned for the third quarter of 2015:

- i. Continue operation and monitoring of the GP-1/GP-3R supplemental air treatment system.
- ii. Sampling for the 2nd semi-annual performance monitoring event is scheduled to start October 5, 2015.
- iii. Change-out of the supplemental system carbon bed is scheduled for October 6, 2015.

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,

A handwritten signature in blue ink that reads "Roger Smith". The signature is written in a cursive style with a large, stylized "R" and "S".

Roger Smith
Senior Project Manager

KDS/mg/006883/12
Encl.

cc: P. Mannino (USEPA)
M.E. Wieder (USEPA)
S. Scharf (NYSDEC-PDF on CD)
T. Troutman (Covestro; fka Bayer)
T. Kelly (Nassau County)
J. Kay (GHD)



figure 1

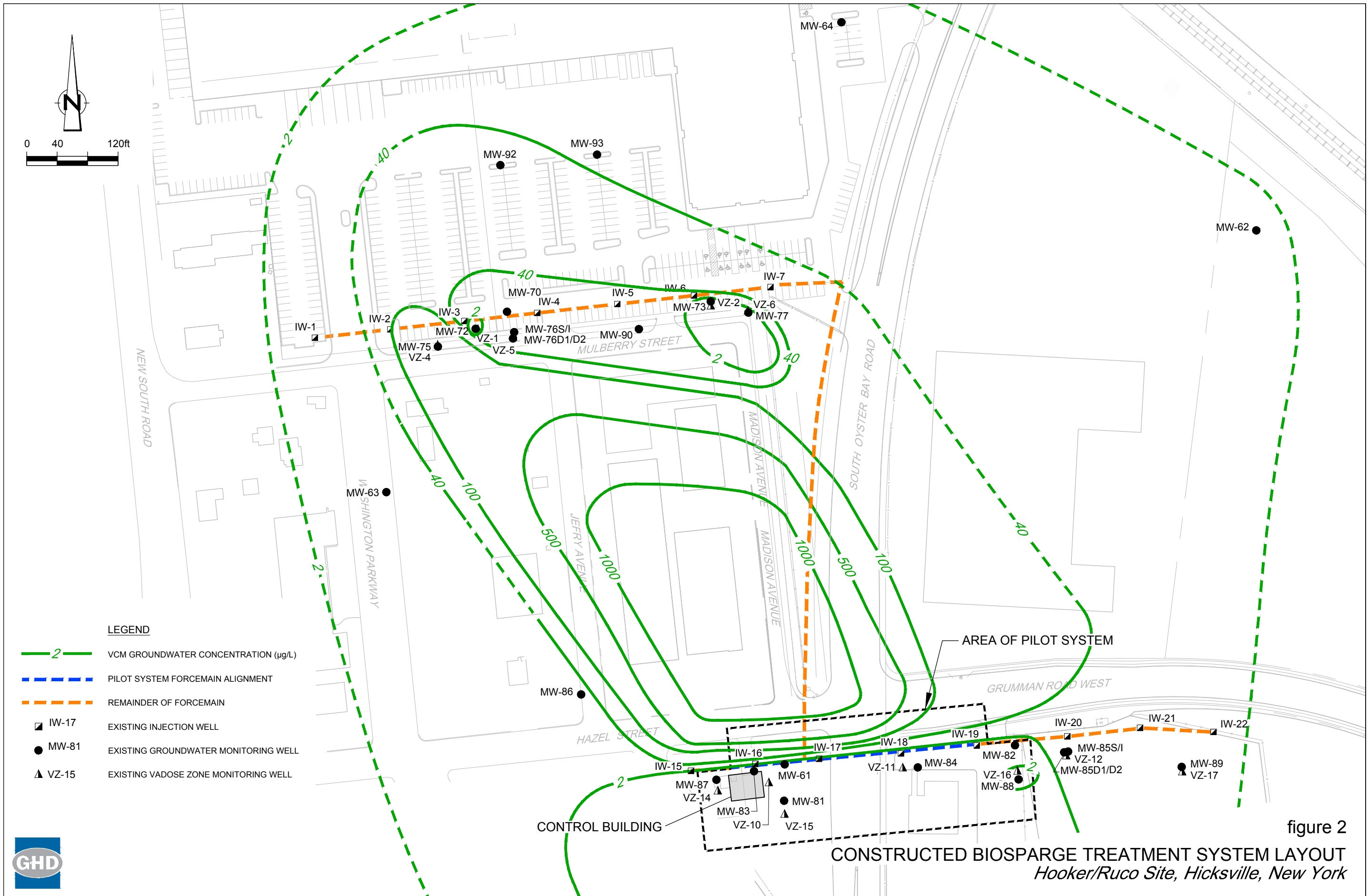
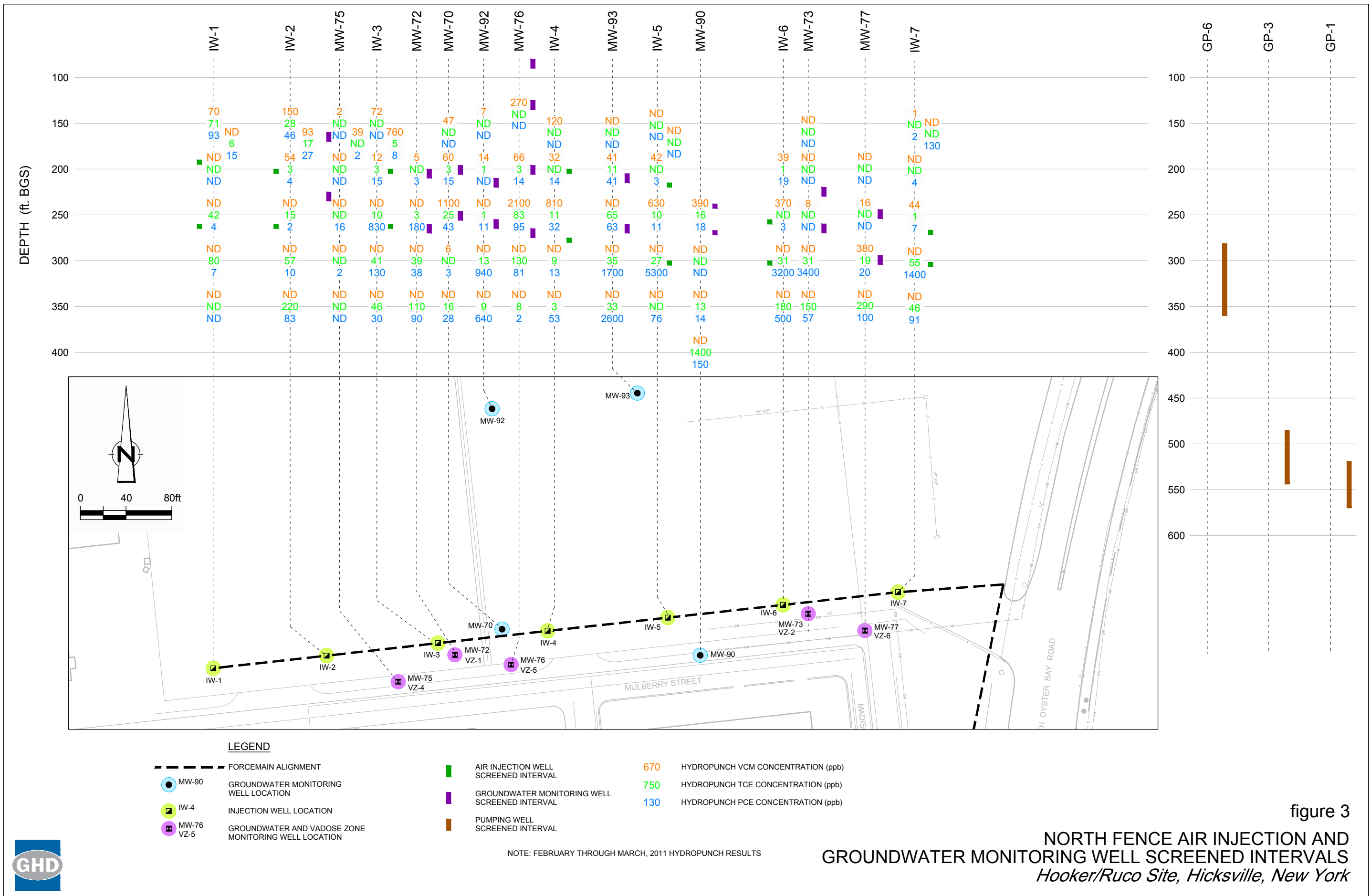
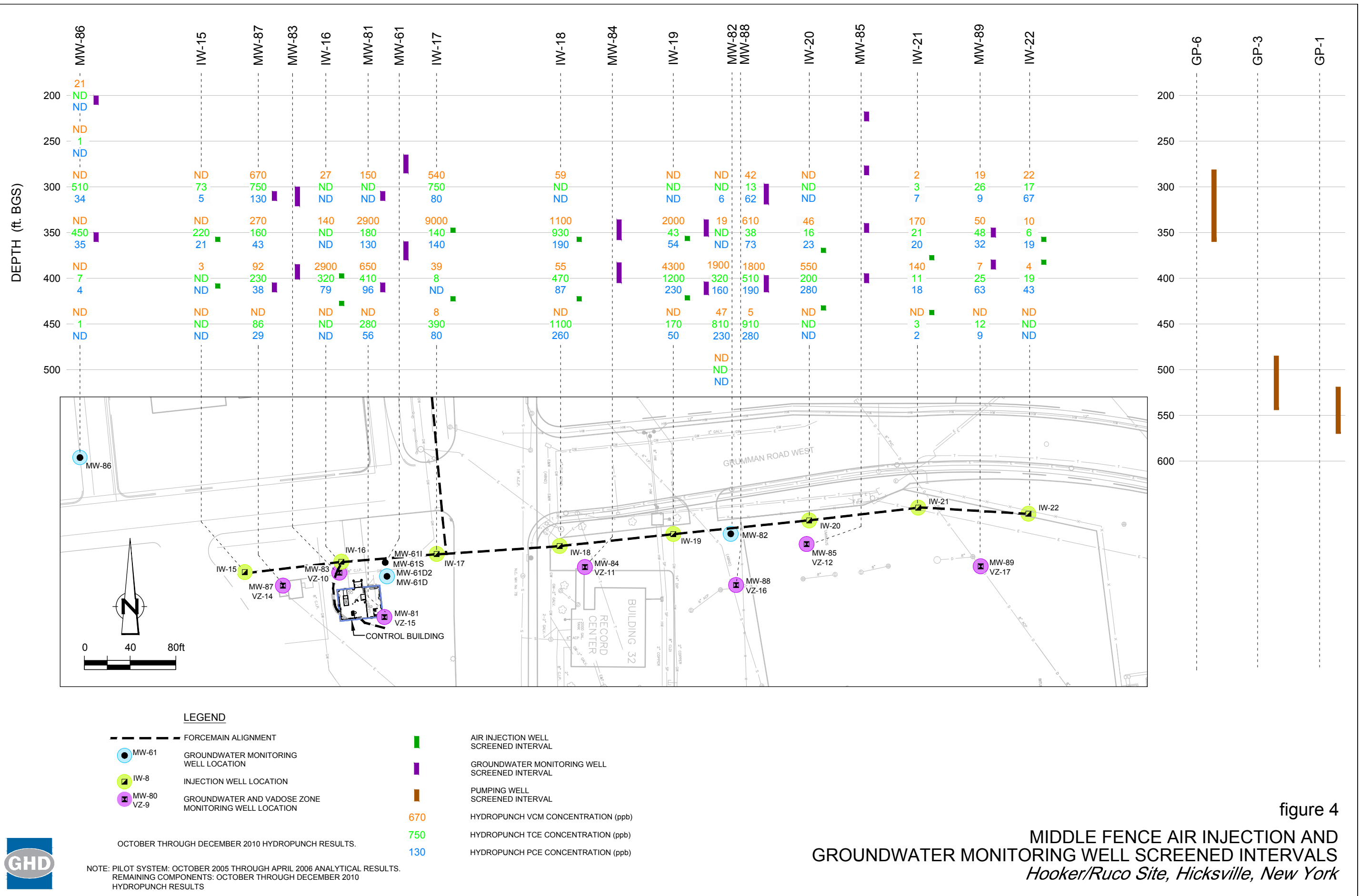


figure 2







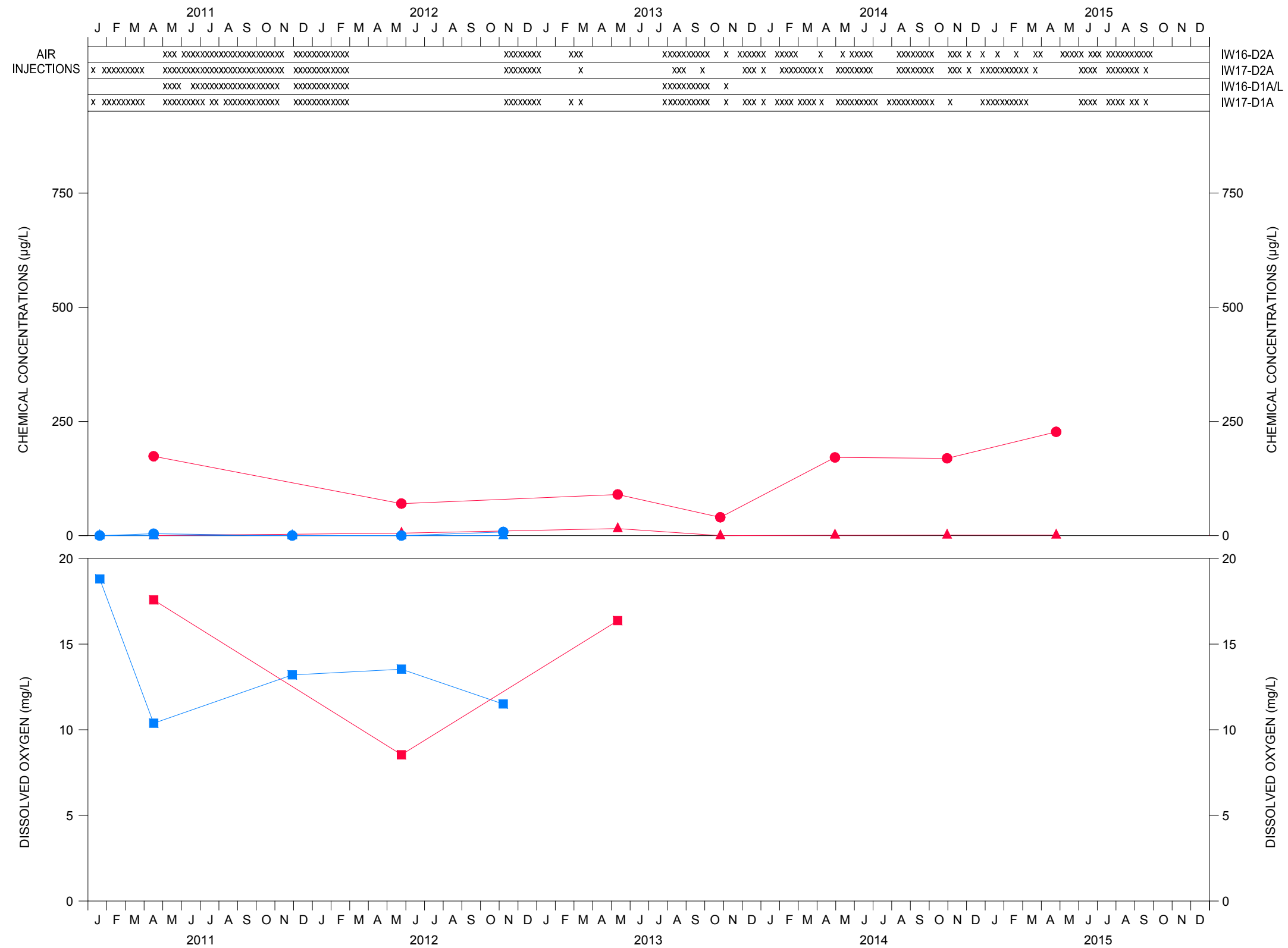
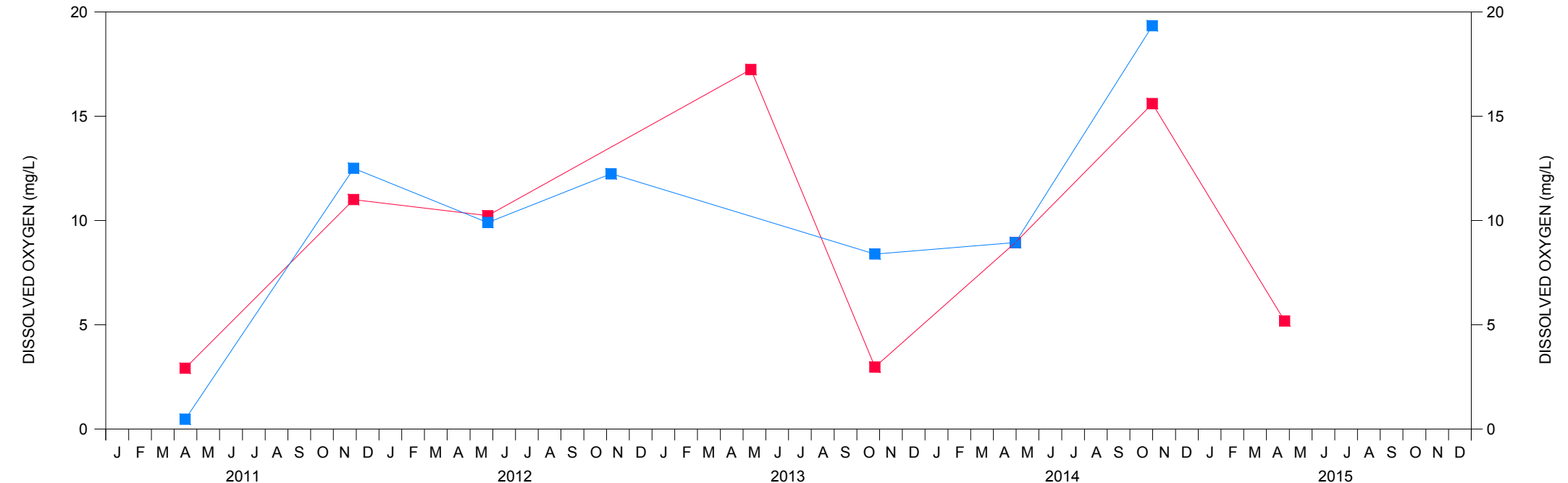
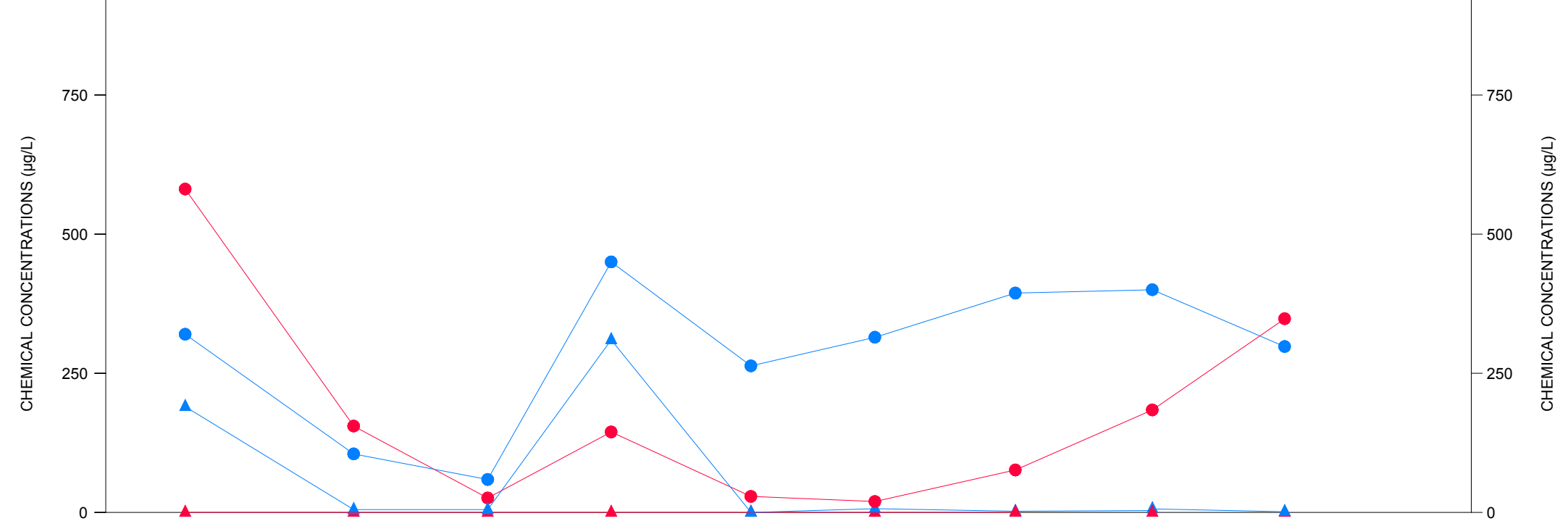


figure 5
 WELL NEST MW-61
 CHEMICAL CONCENTRATION PLOTS
 MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



	2011				2012				2013				2014				2015																							
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D				
AIR INJECTIONS			xxx																																					
IW16-D2A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				
IW17-D2A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				
IW16-D1A/L																																								
IW17-D1A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				



- 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



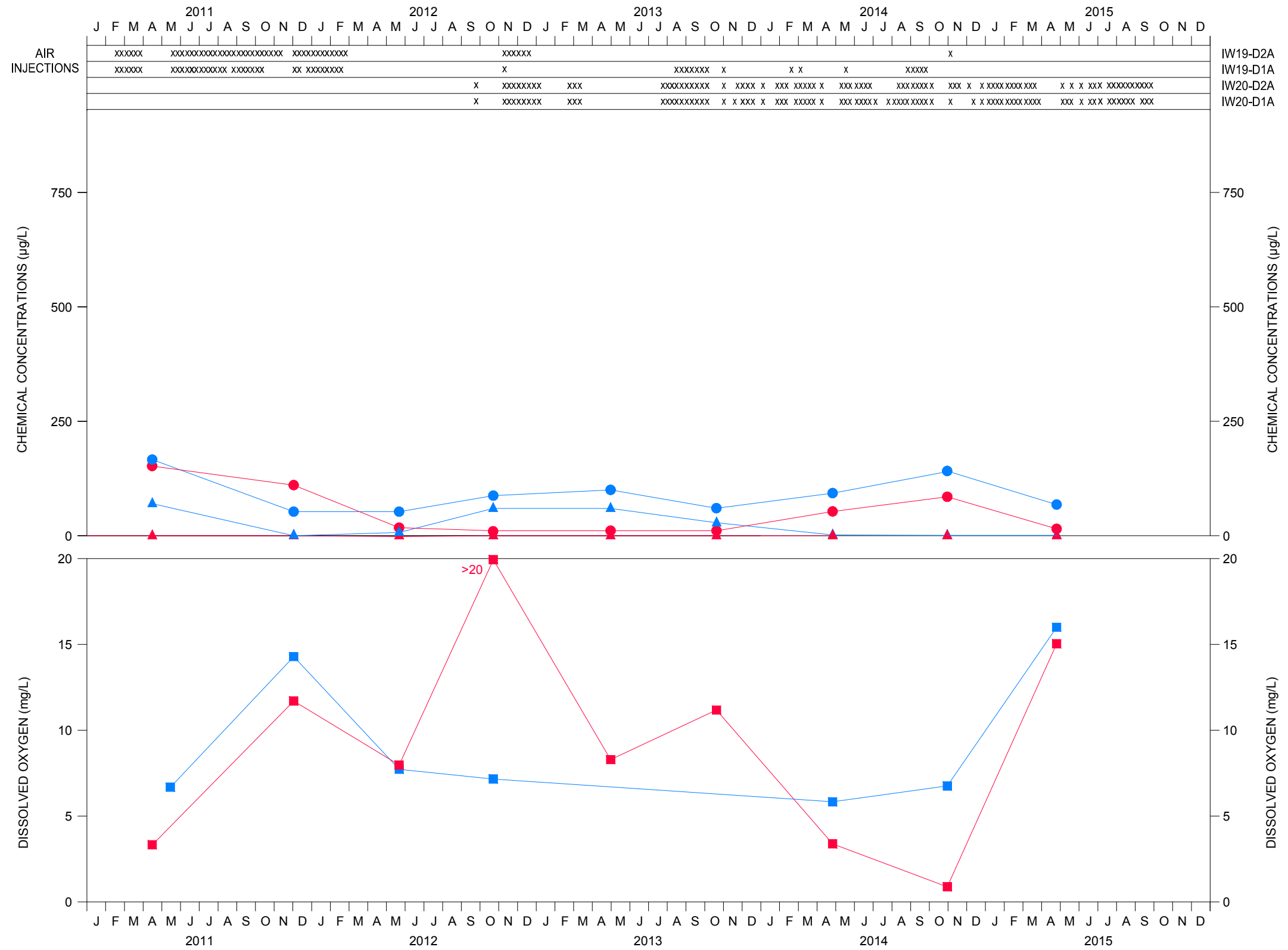


figure 7
 WELL NEST MW-82
 CHEMICAL CONCENTRATION PLOTS
 MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



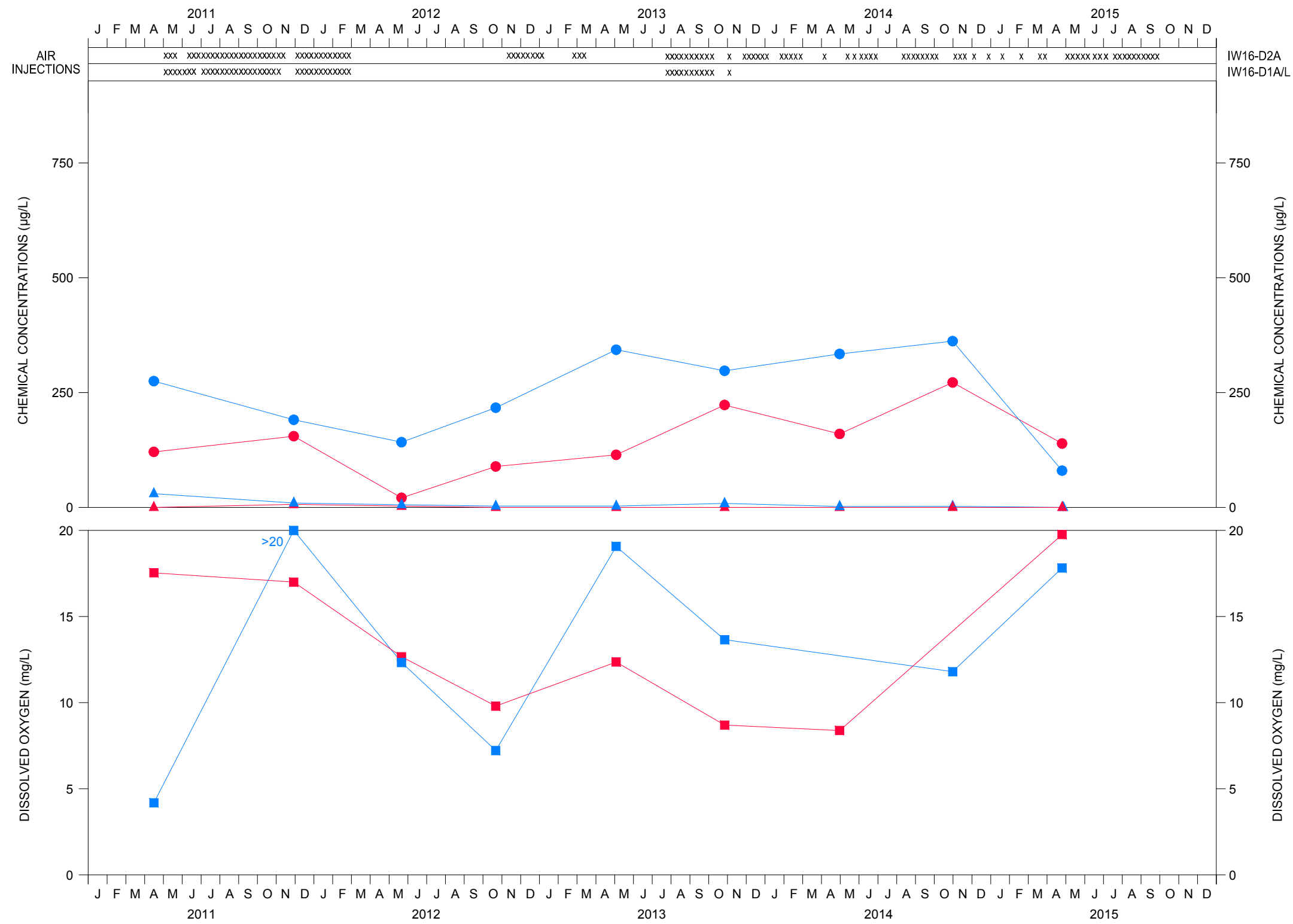


figure 8
 WELL NEST MW-83
 CHEMICAL CONCENTRATION PLOTS
 MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



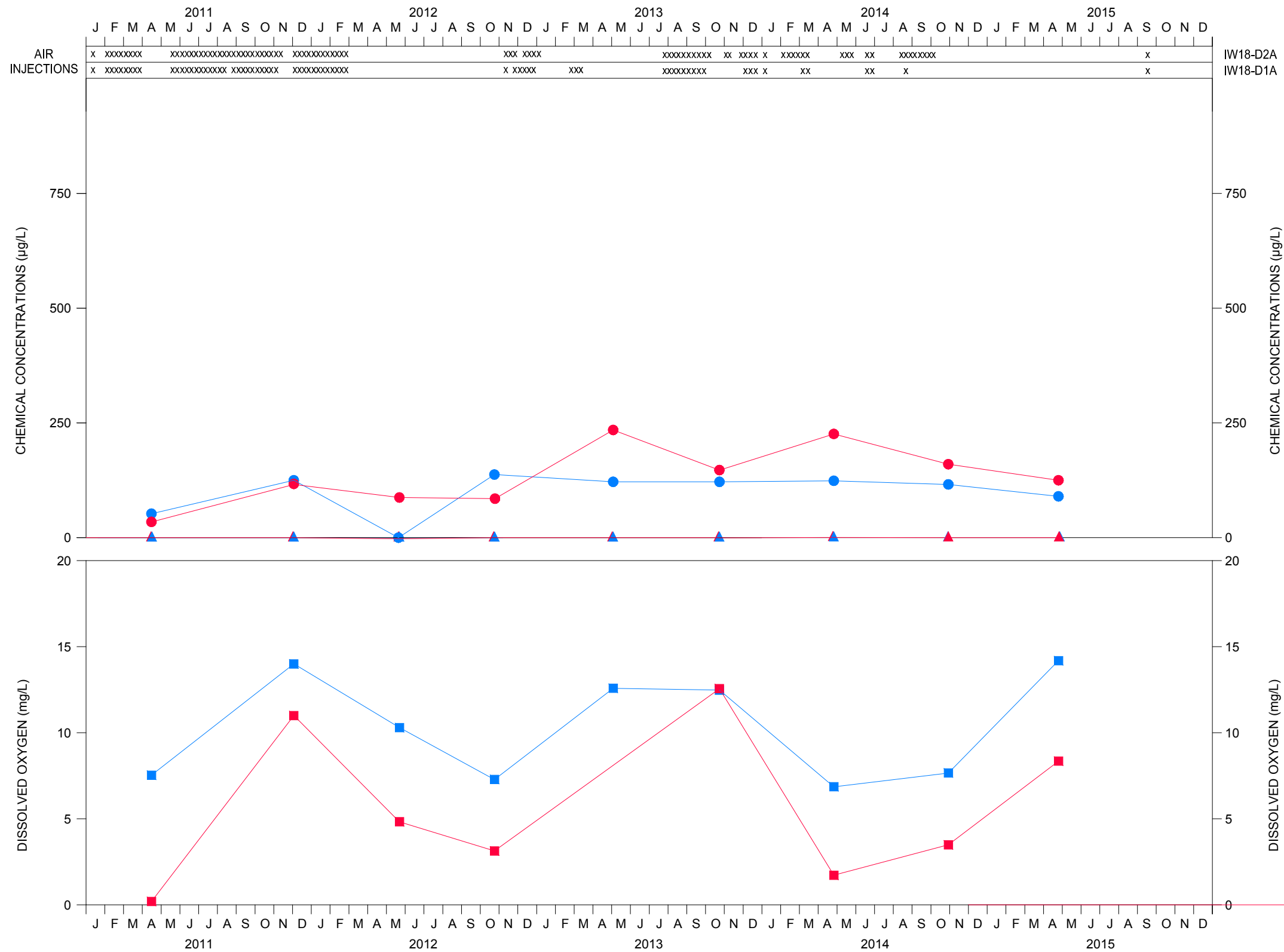


figure 9
 WELL NEST MW-84
 CHEMICAL CONCENTRATION PLOTS
 MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



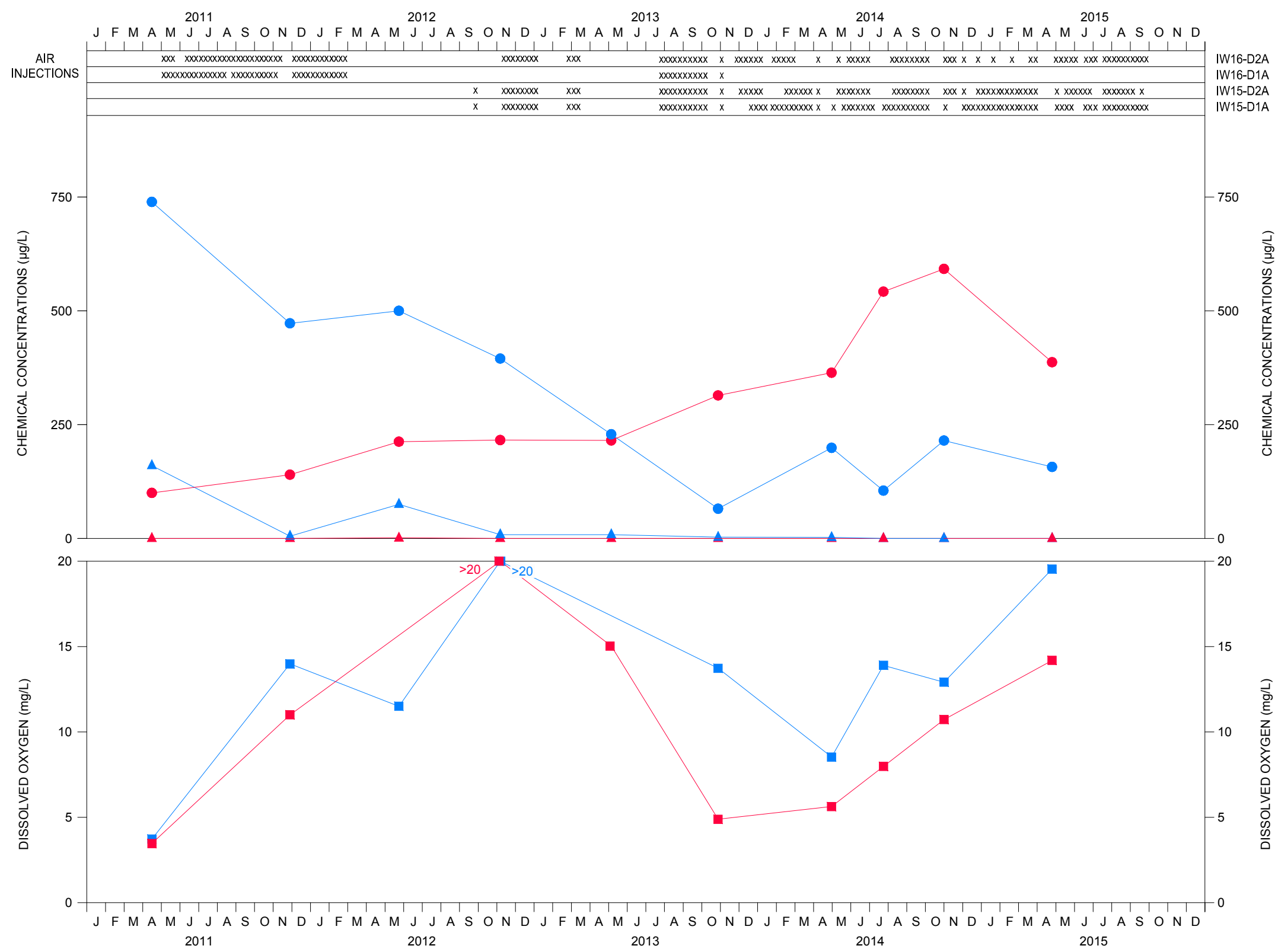


figure 10
 WELL NEST MW-87
 CHEMICAL CONCENTRATION PLOTS
 MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



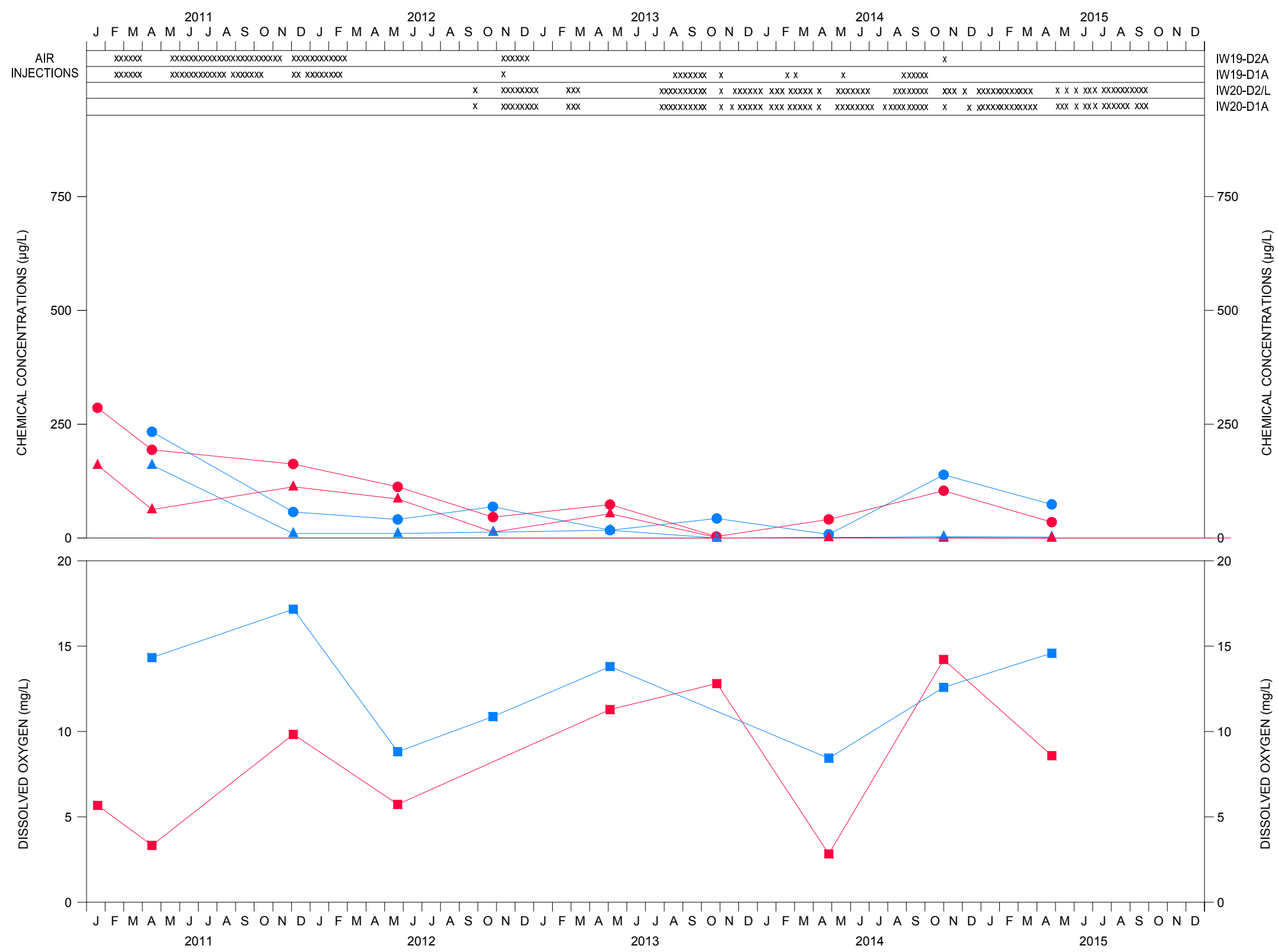


figure 11
 WELL NEST MW-88
 CHEMICAL CONCENTRATION PLOTS
 MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



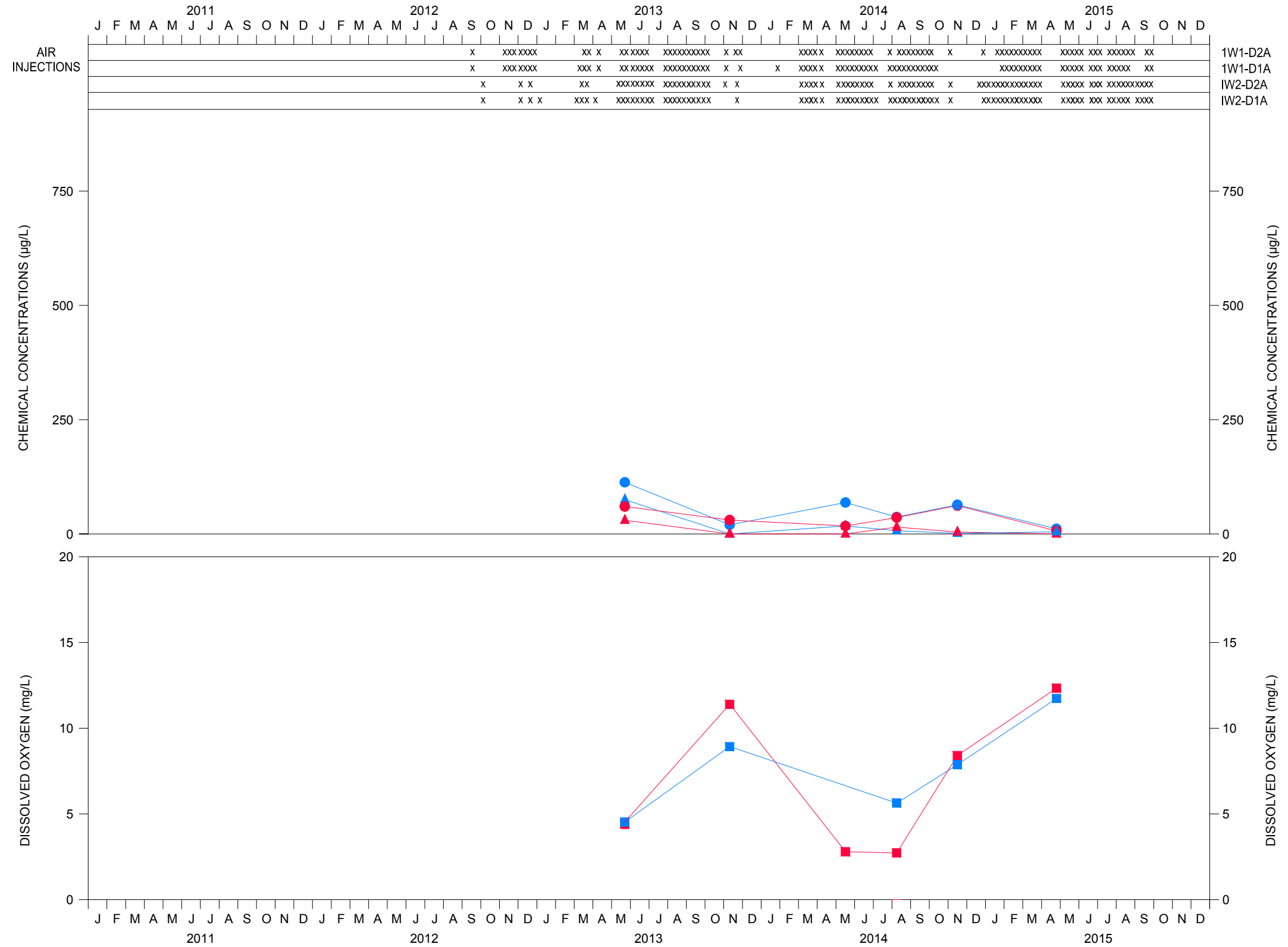


figure 12
 WELL NEST MW-63S/I
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



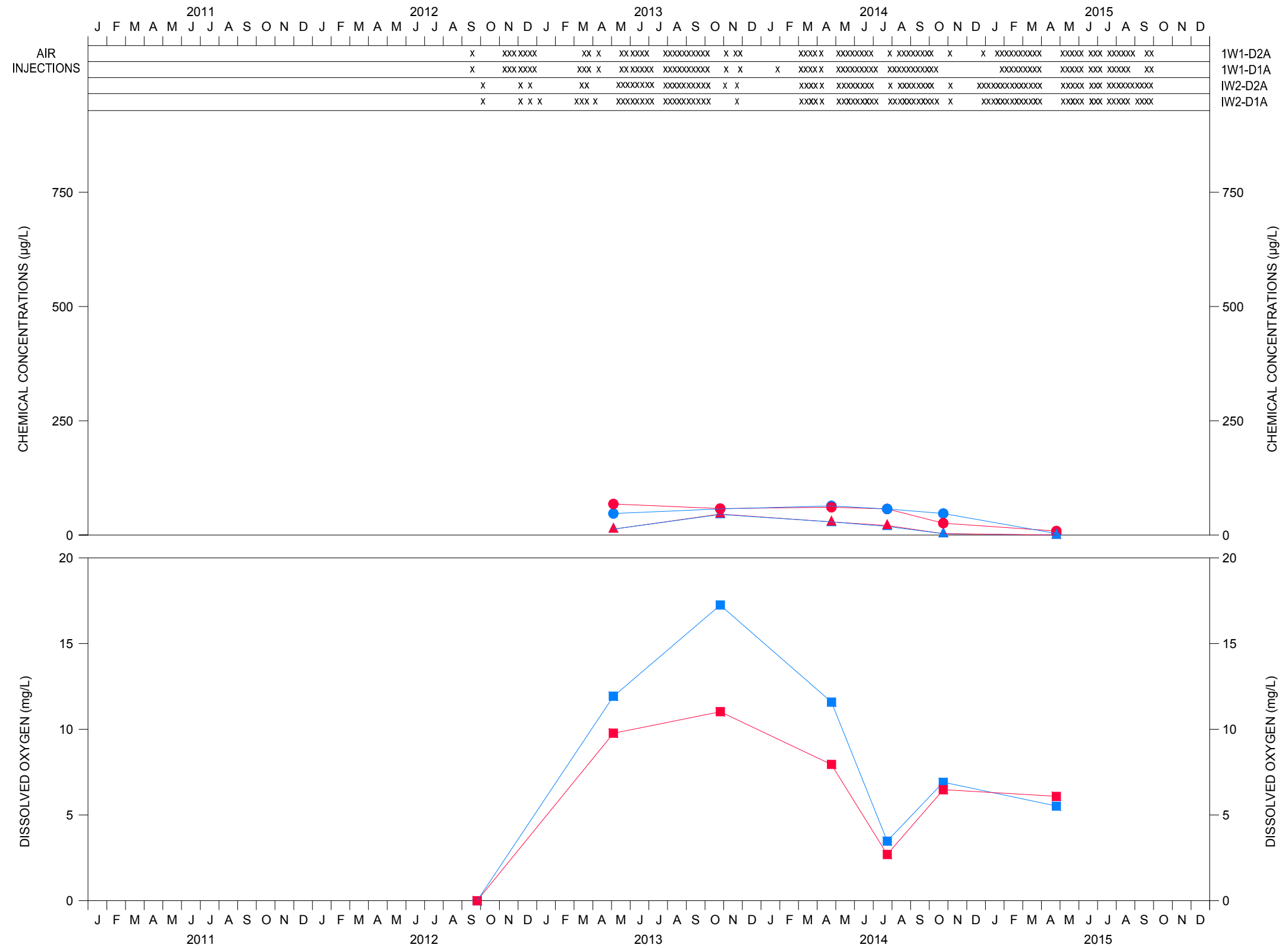


figure 13
 WELL NEST MW-63D1/D2
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



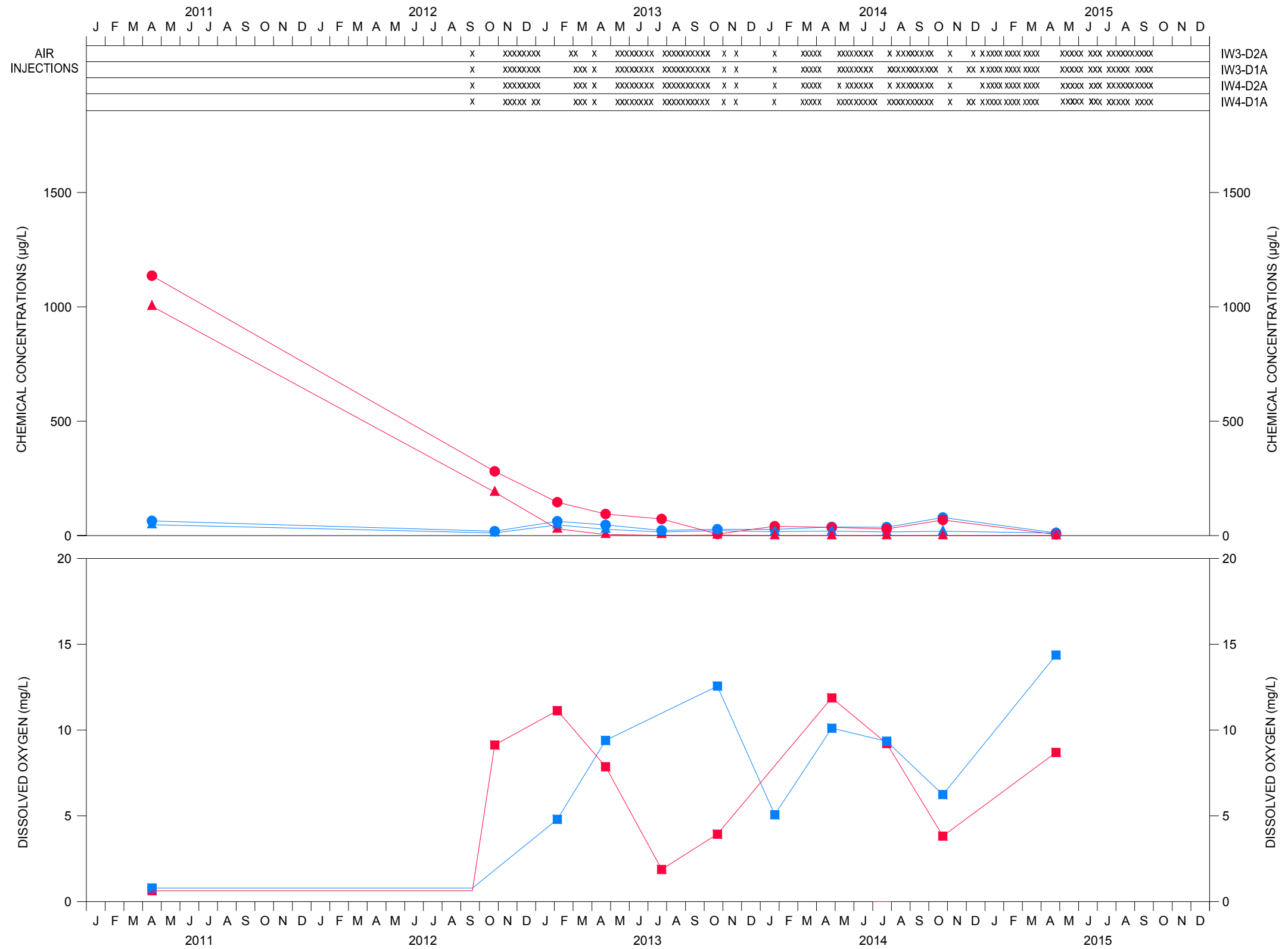


figure 14
WELL NEST MW-70
CHEMICAL CONCENTRATION PLOTS
NORTH INJECTION FENCELINE
Hooker/Ruco Site, Hicksville, New York



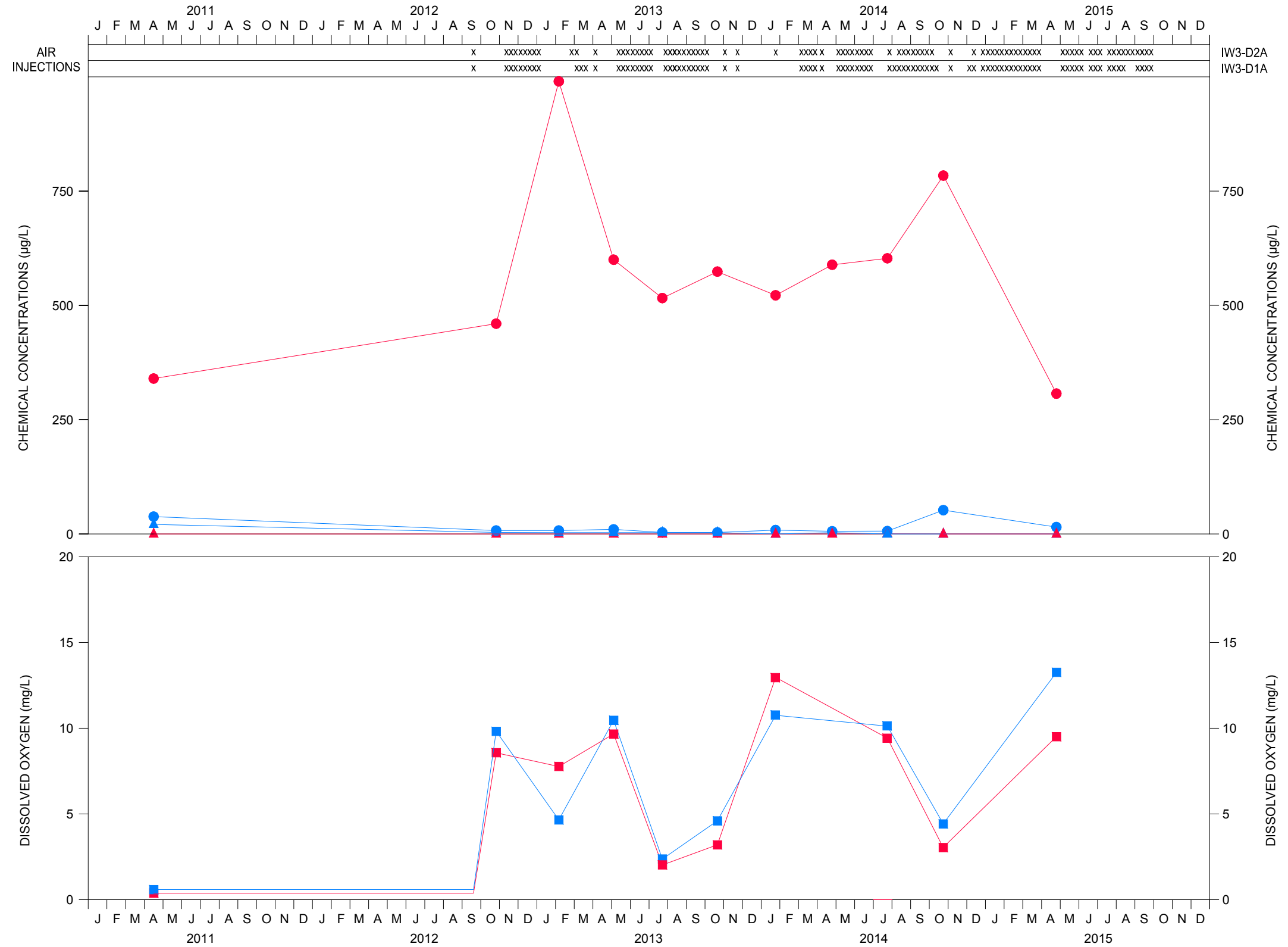


figure 15
 WELL NEST MW-72
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



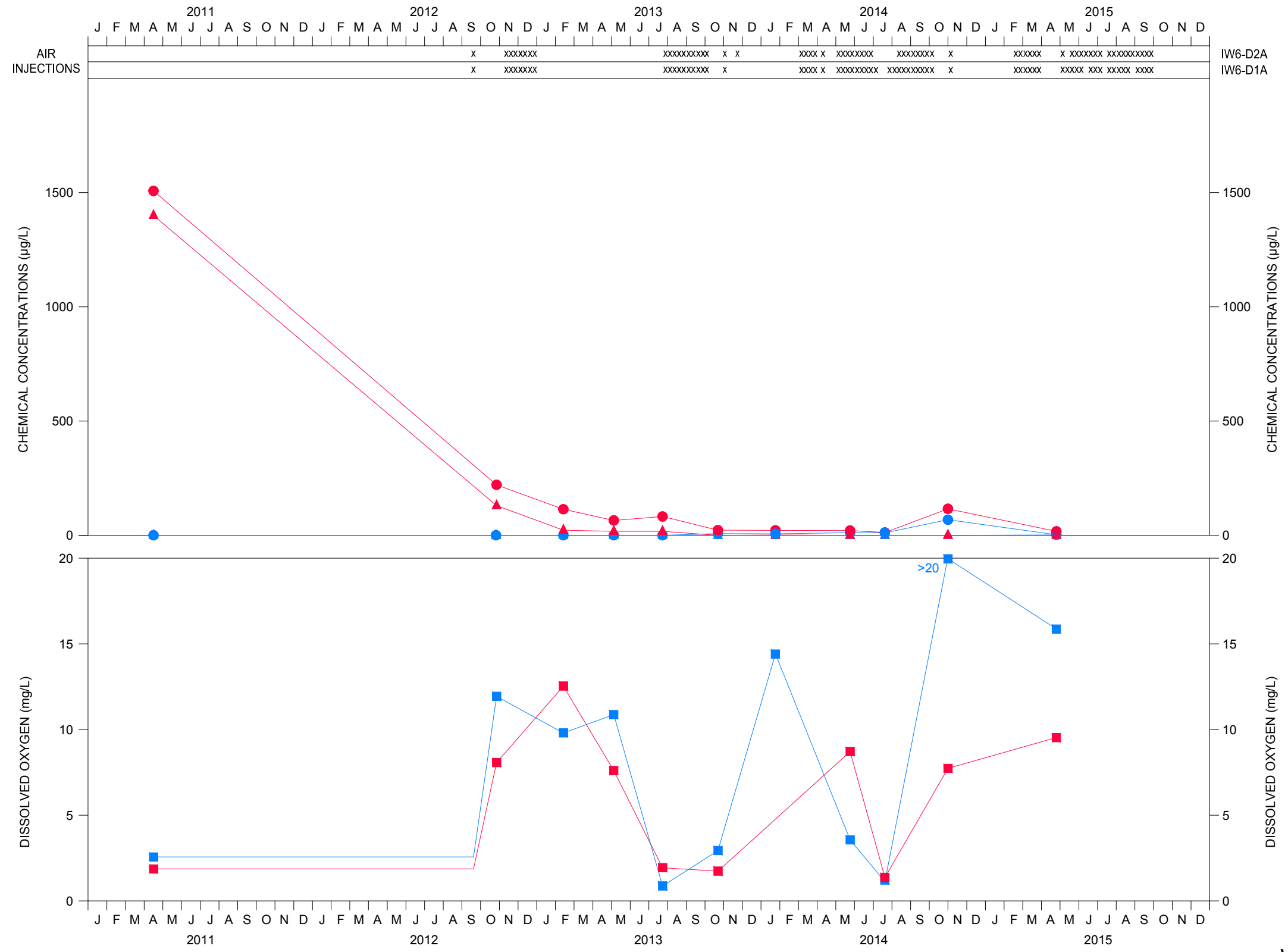


figure 16
 WELL NEST MW-73
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



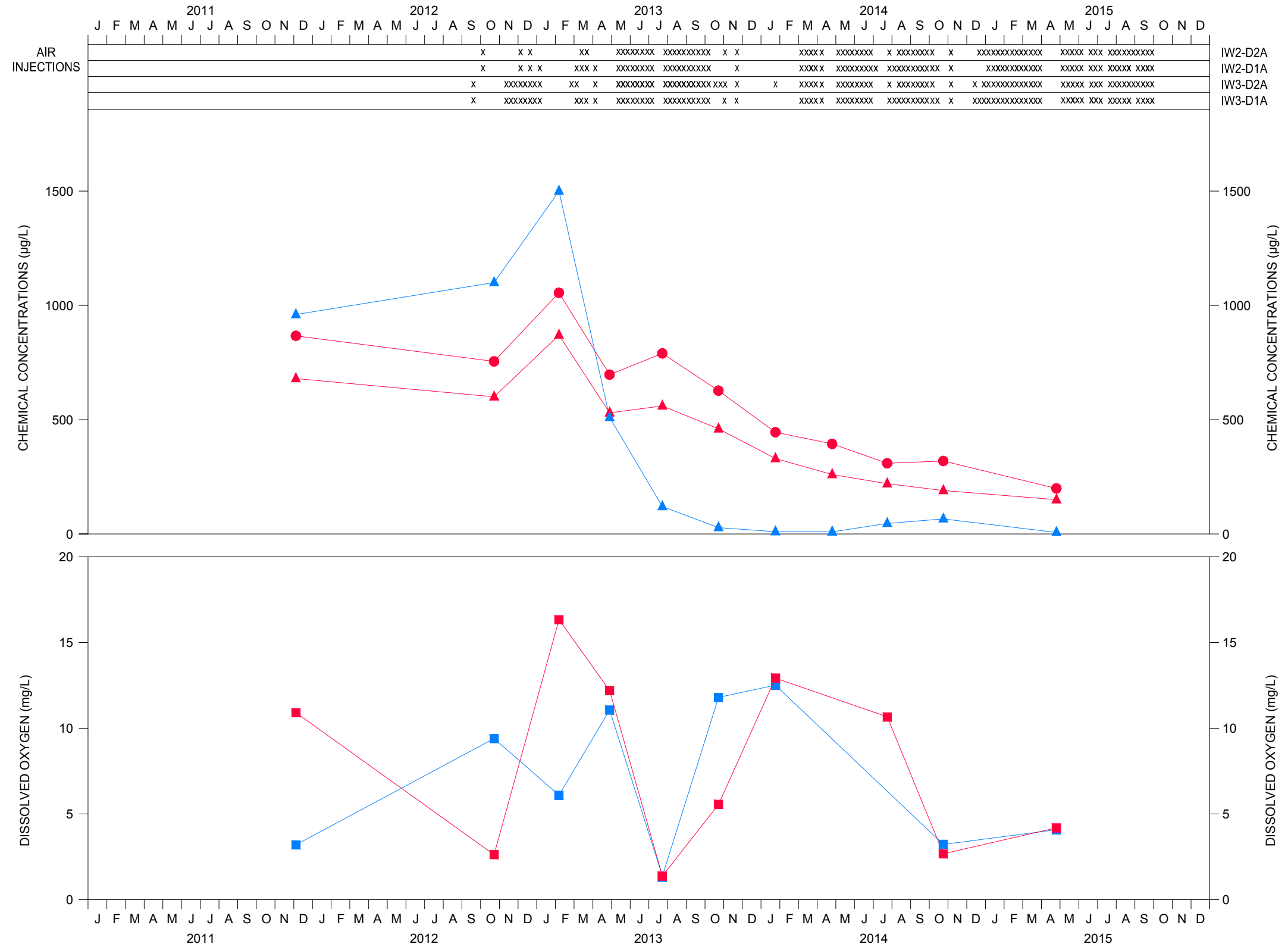


figure 17
 WELL NEST MW-75
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



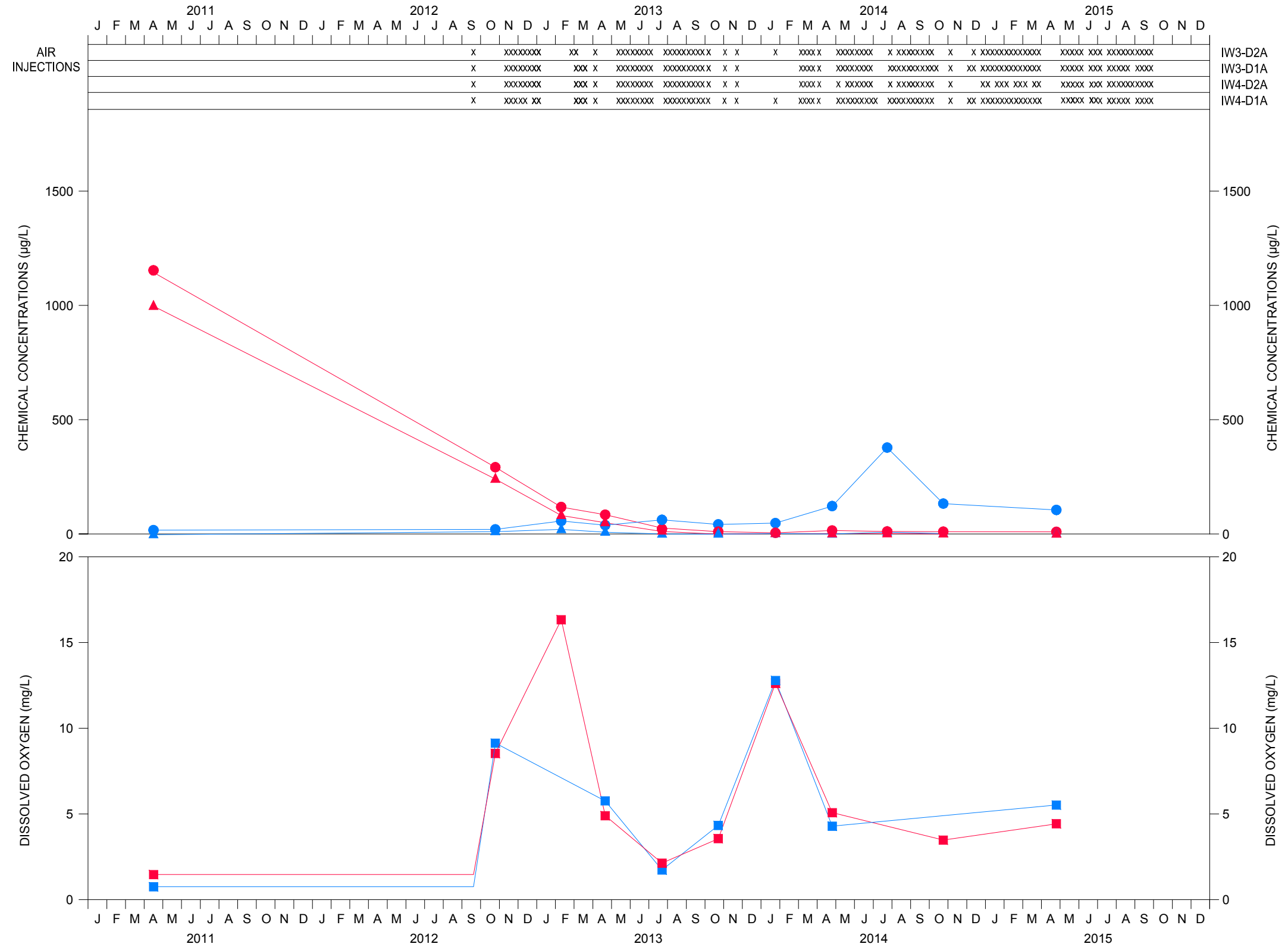


figure 18
 WELL NEST MW-76S/I
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



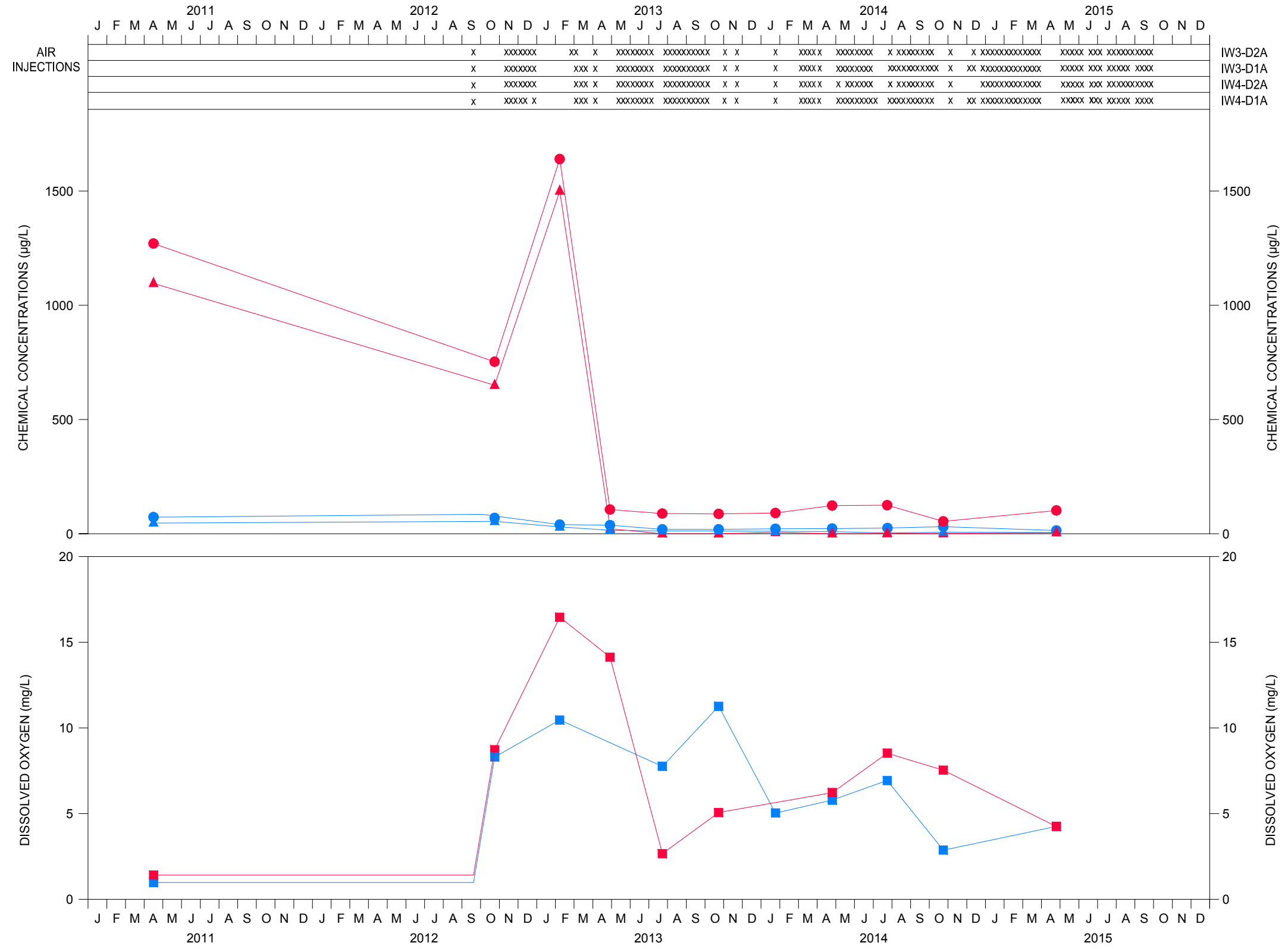


figure 19
 WELL NEST MW-76D1/D2
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



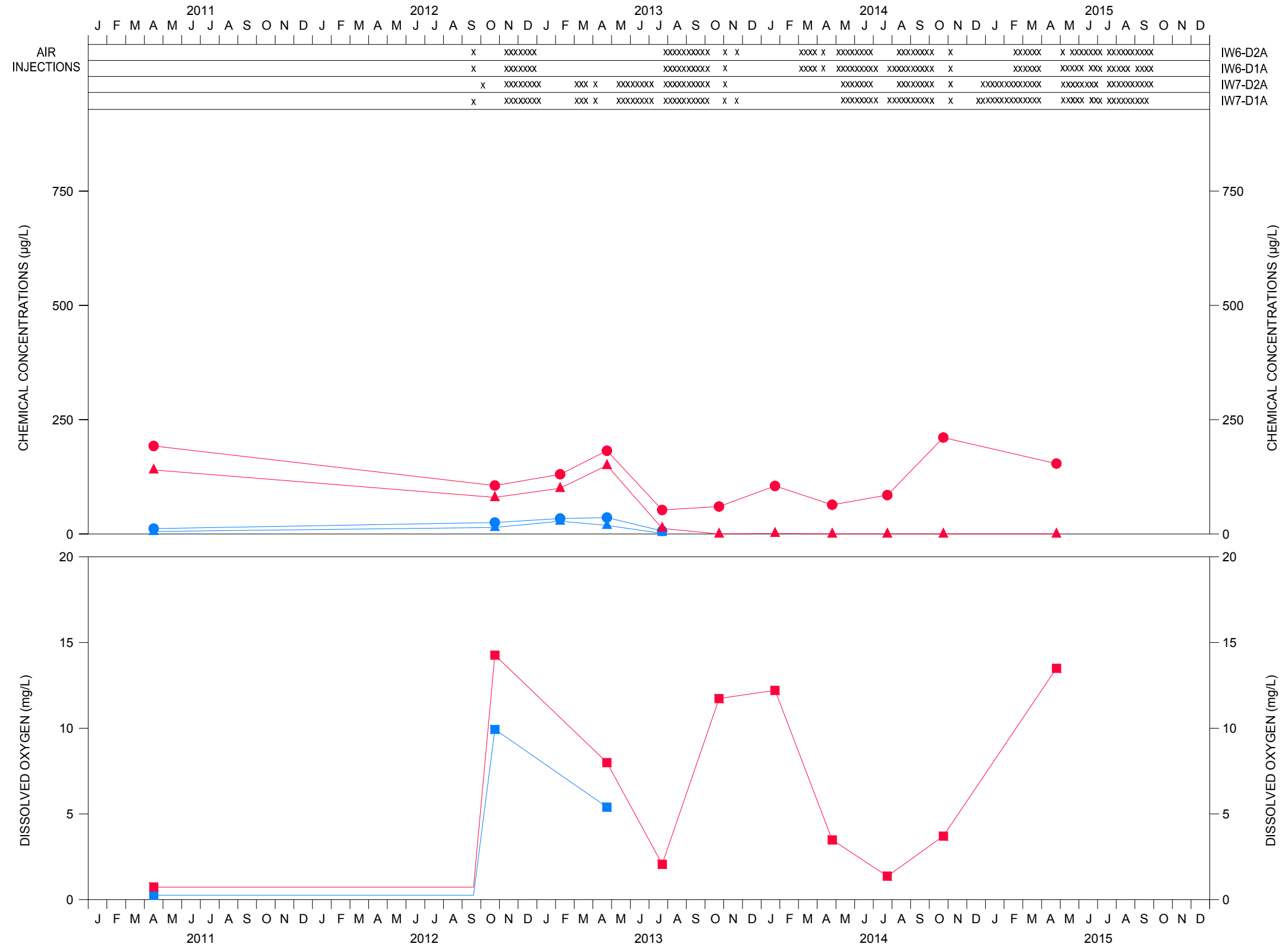


figure 20
 WELL NEST MW-77
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



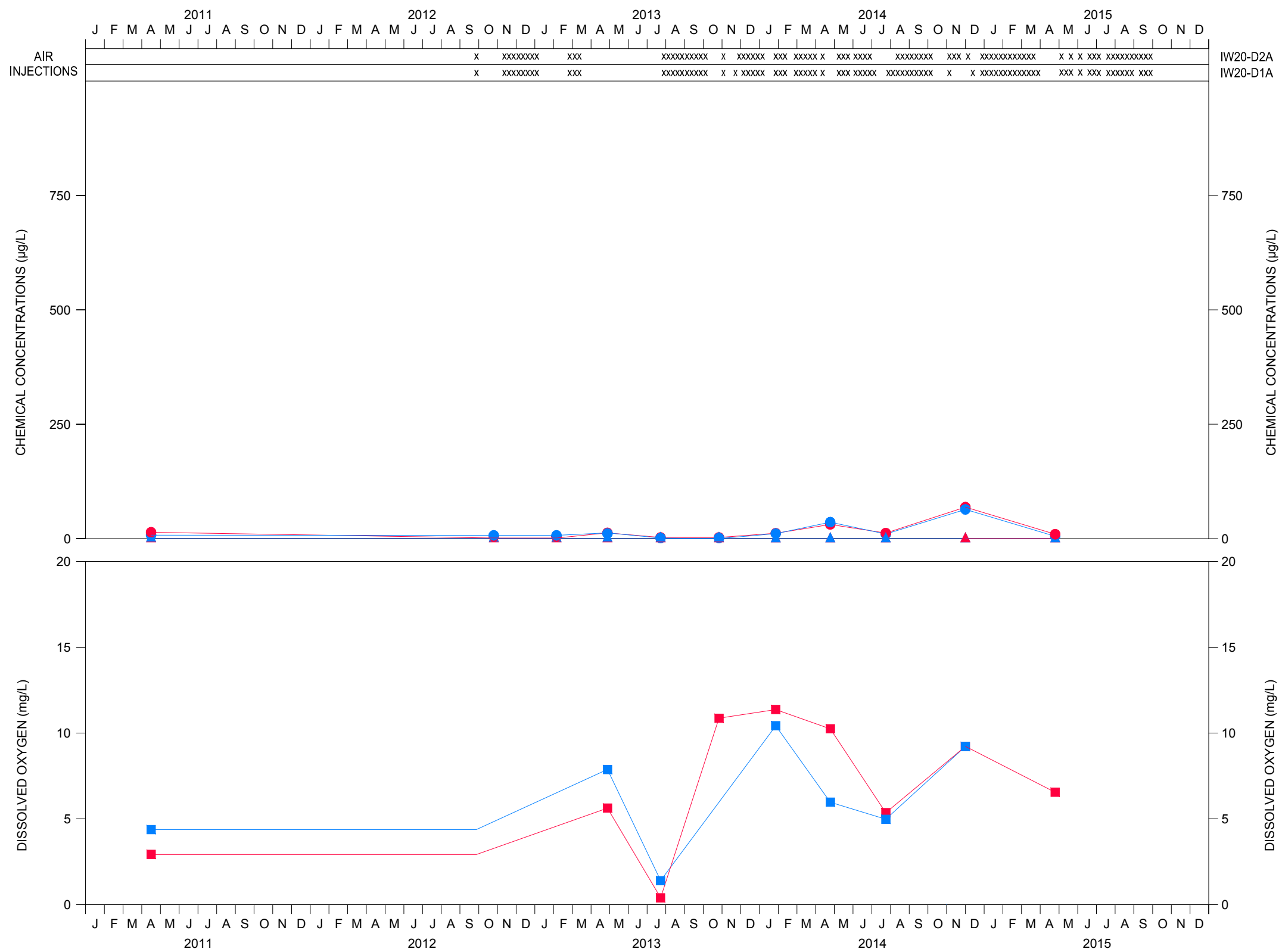


figure 21
WELL NEST MW-85S/I
CHEMICAL CONCENTRATION PLOTS
MIDDLE INJECTION FENCELINE
Hooker/Ruco Site, Hicksville, New York



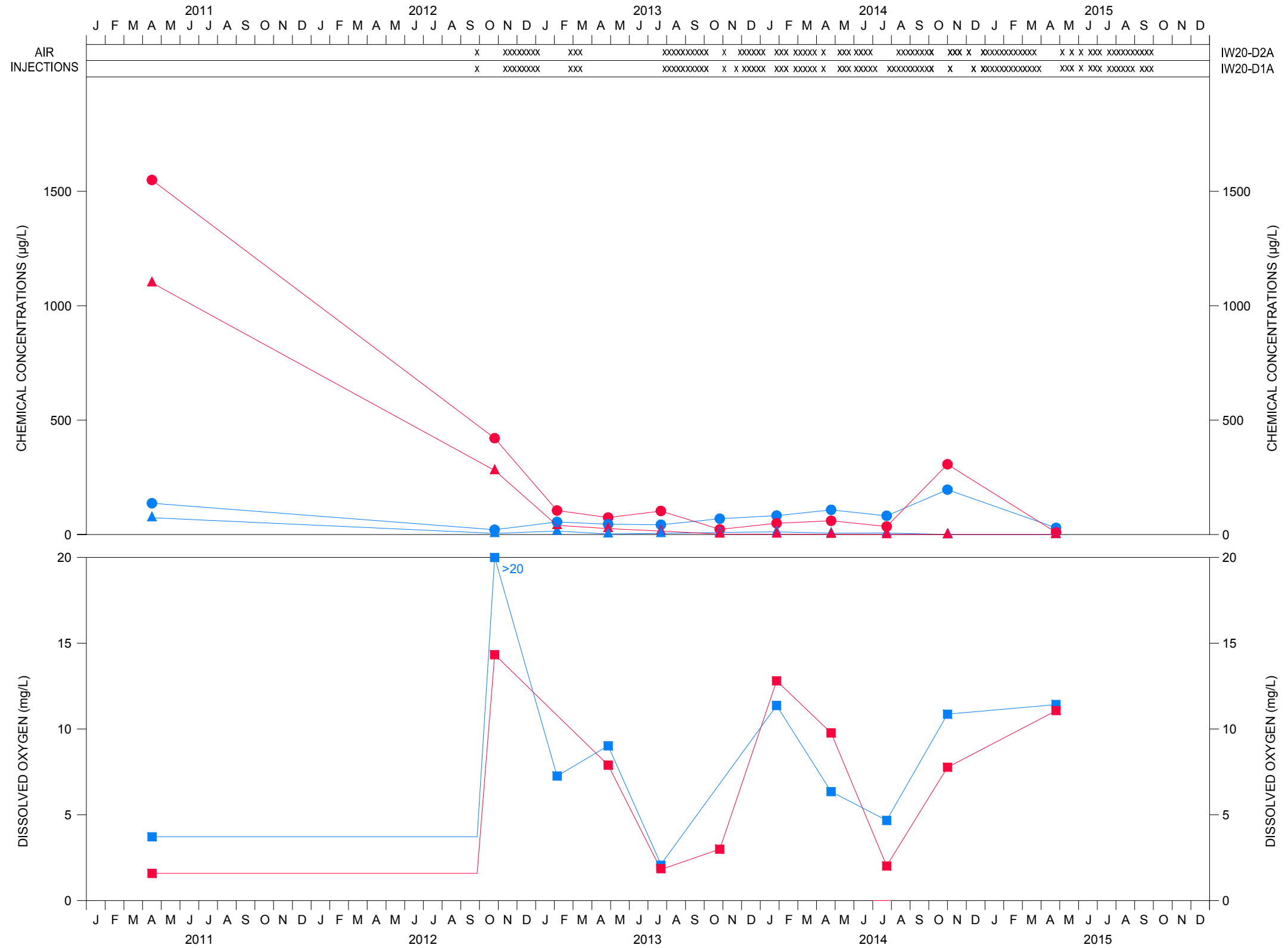


figure 22
 WELL NEST MW-85D1/D2
 CHEMICAL CONCENTRATION PLOTS
 MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



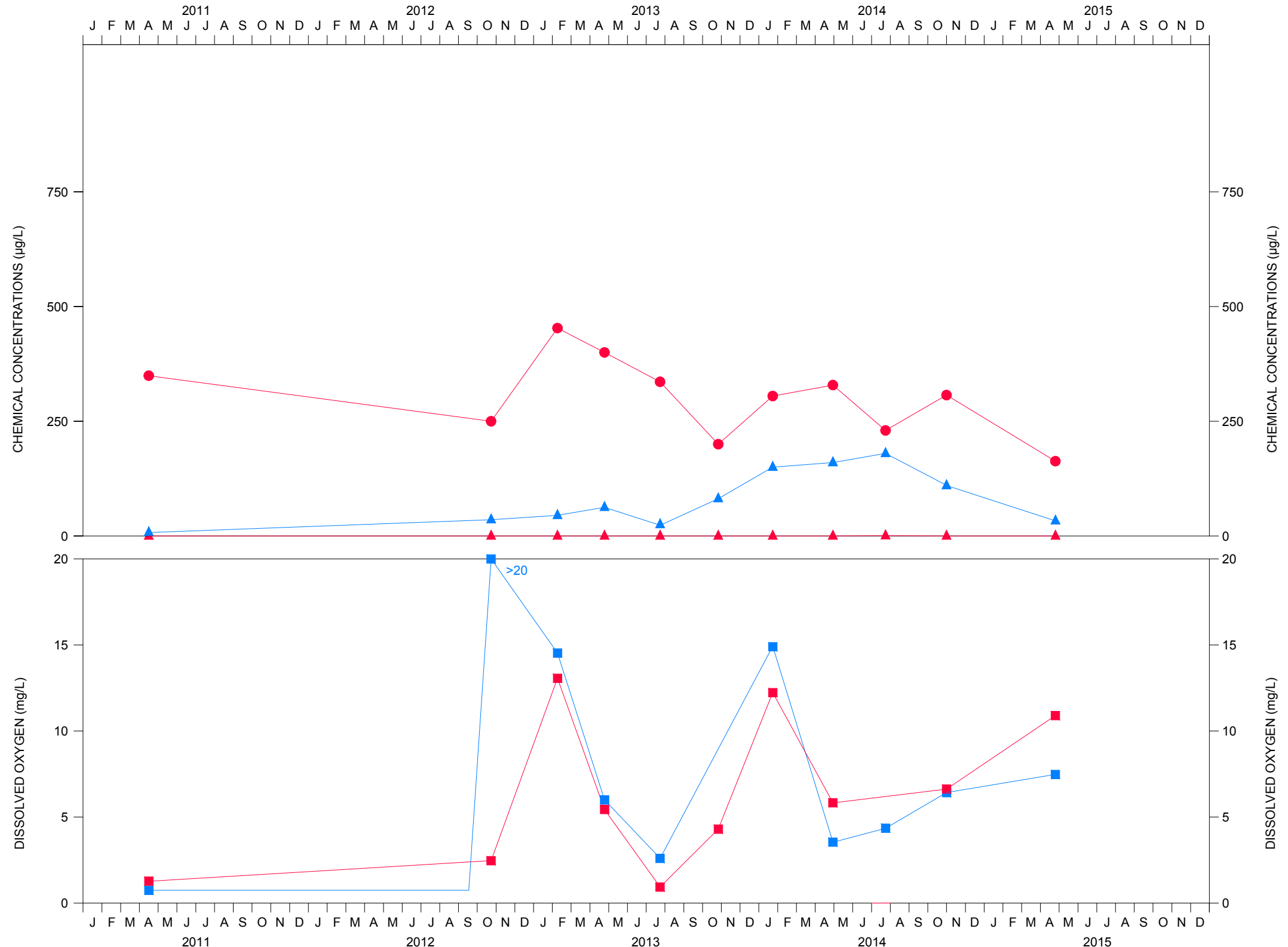


figure 23
 WELL NEST MW-86
 CHEMICAL CONCENTRATION PLOTS
 UPGRADIENT OF MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



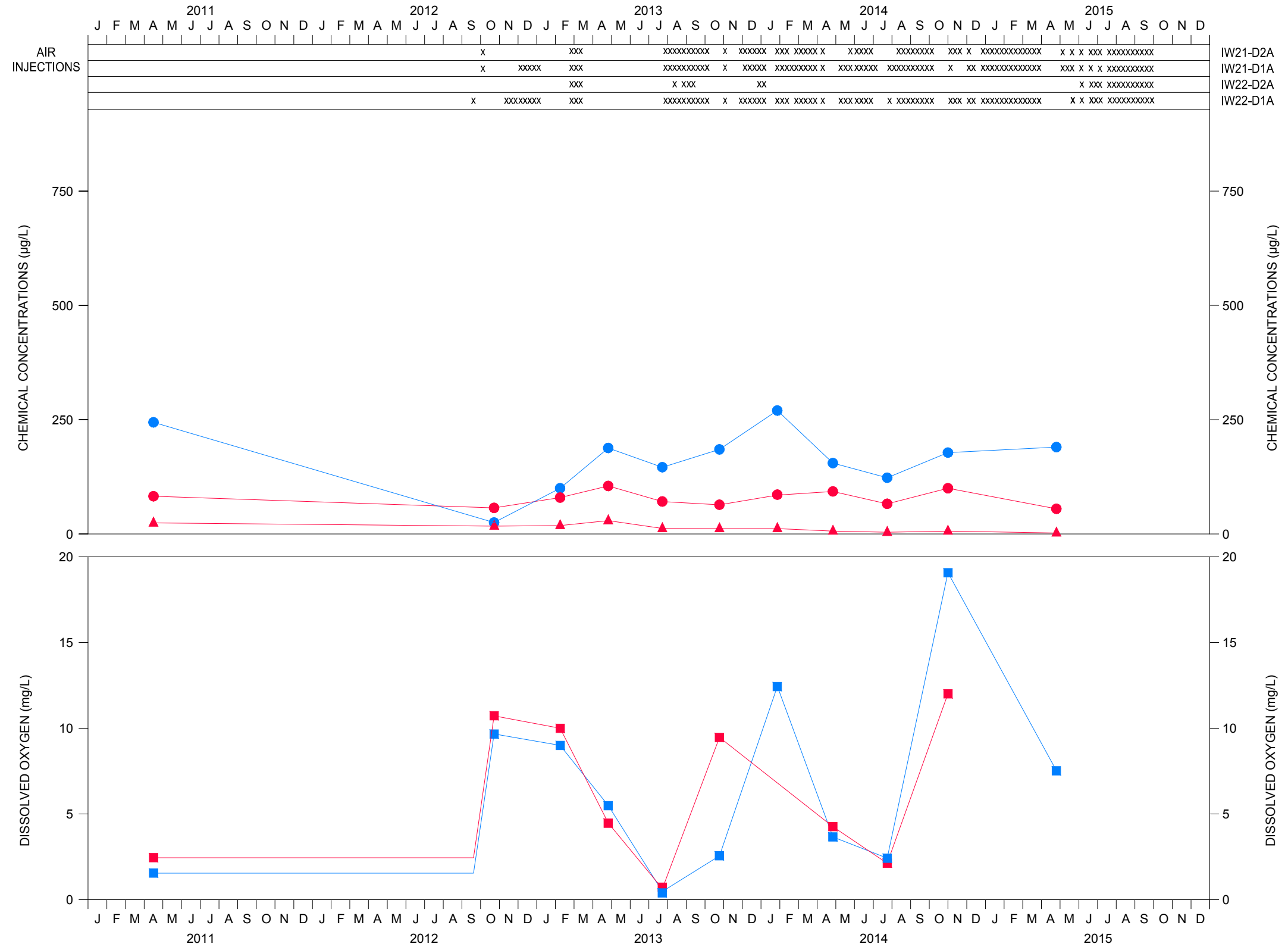


figure 24
 WELL NEST MW-89
 CHEMICAL CONCENTRATION PLOTS
 MIDDLE INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



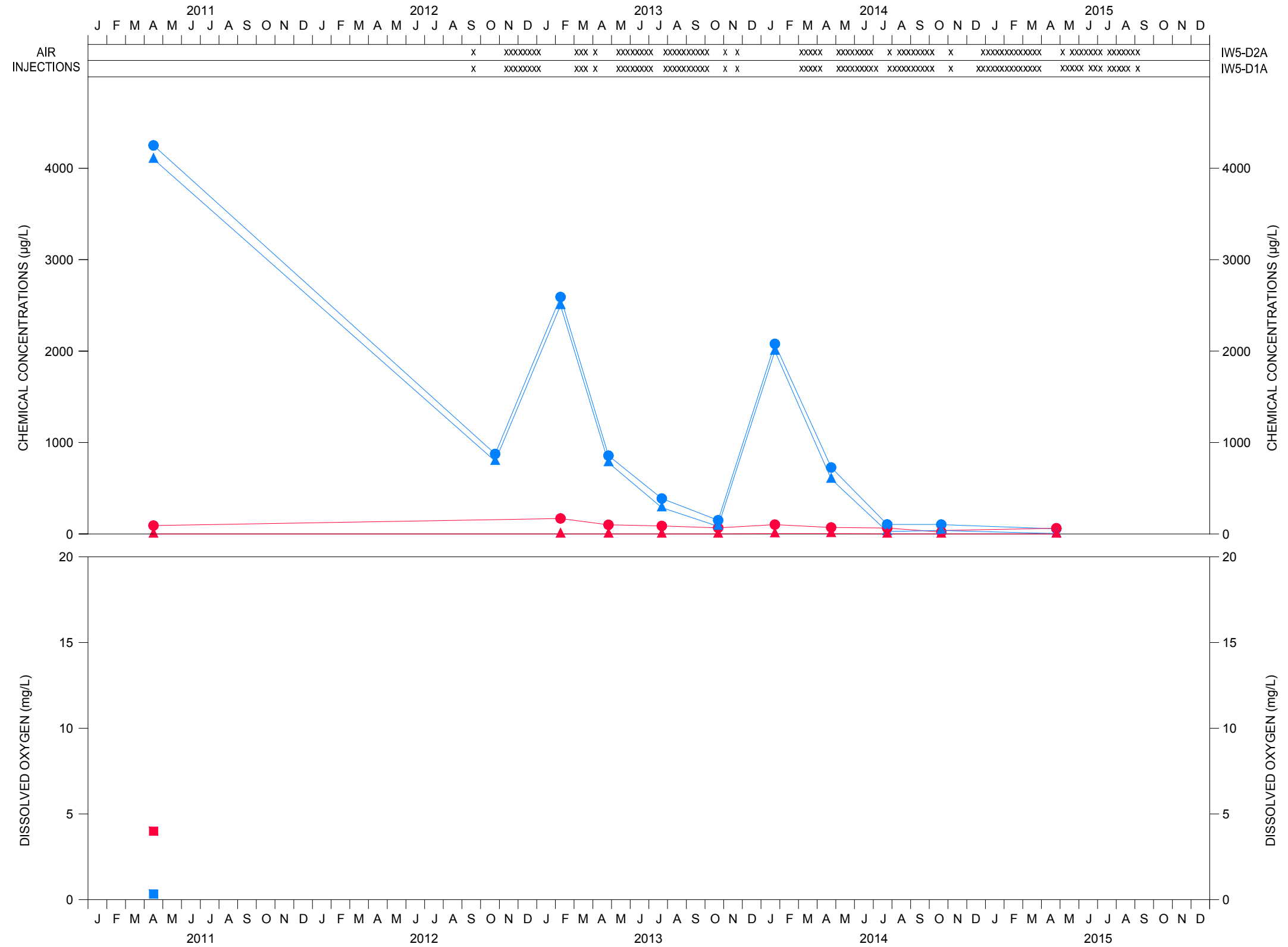


figure 25
 WELL NEST MW-90
 CHEMICAL CONCENTRATION PLOTS
 NORTH INJECTION FENCELINE
 Hooker/Ruco Site, Hicksville, New York



TABLE 1

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

July through September 2015

<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
• Responses to EPA Comments on GTS	100	October 14, 1999		November 3, 1999

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HICKSVILLE, NEW YORK**

July through September 2015

<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 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
• Prepare 100% RD Report	100	January 12, 2005		May 27, 2005

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HOOKER/RUCO SITE OPERABLE UNIT 3
HICKSVILLE, NEW YORK**

July through September 2015

<i>Task and Activity</i>	<i>Percentage of Activity Completed</i>	<i>Start Date</i>	<i>Scheduled Completion Date</i>	<i>Completion Date</i>
• 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 TM Evaluation	100			February 11, 2010
• Trailing Edge Proposal	100			March 15, 2010
• 2010 First Semi-Annual Sampling	100			May 3 to 25, 2012
• Distribution of RFP for Biosparge System Well Installation	100			June 25, 2010

TABLE 1

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HICKSVILLE, NEW YORK**

July through September 2015

<i>Task and Activity</i>	<i>Percentage of Activity Completed</i>	<i>Start Date</i>	<i>Scheduled Completion Date</i>	<i>Completion Date</i>
• 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
• 2014 First Quarter Sampling	100			January 7 to 27, 2014
• 2014 Second Quarter Sampling	100			April 23 to May 15, 2014
• 2014 Third Quarter Sampling	100			July 2 to August 6, 2014
• 2014 Fourth Quarter Sampling	100			October 6 to November 11, 2014
• Responses to EPA Comments	100	December 10, 2014		December 19, 2014
• 2015 First Semi-Annual Sampling	100			April 6 to May 8, 2015

**QUARTERLY REPORT
THIRD QUARTER 2015 (JULY THROUGH SEPTEMBER)
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-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	NA	NA	4.87	20.8	0.210	167	5.94	18	2.0
	11/14/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
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
	11/14/2014 ⁽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
	10/24/2014	NA	NA	7.42	15.0	0.276	-10	20.87	106	0.00
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
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

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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>
	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
	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
	4/29/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	10/30/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/24/2015 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
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

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	4/24/2014	NA	NA	4.56	9.3	0.274	276	11.59	10.4	0.0
	7/17/2014	NA	NA	5.37	20.2	0.184	158	3.50	7.8	3.2
	10/21/2014	NA	NA	5.75	14.6	0.179	121	6.91	4.1	1.5
	4/22/2015	NA	NA	5.36	15.9	0.141	332	5.52	6.6	4.3
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
	4/24/2014	NA	NA	4.73	7.5	0.232	202	7.95	33.3	0.11
	7/17/2014	NA	NA	6.02	19.6	0.216	125	2.70	2.5	3.10
	10/21/2014	NA	NA	5.82	15.6	0.158	167	6.48	4.5	1.20
	4/22/2015	NA	NA	5.14	16.1	0.126	280	6.09	9.4	2.30
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
	5/15/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	8/6/2014	NA	NA	5.20	20.2	0.211	145	5.64	2.6	0.10
	11/14/2014	NA	NA	6.58	16.2	0.111	203	7.88	71	25.0
	5/8/2015	NA	NA	7.19	17.9	0.077	4	11.79	95	0.3
MW-63I	5/23/2006	0.20	4.6	5.09	15.4	0.154	241	0.00	0.0	0.0
	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
	5/15/2014	NA	NA	6.78	18.8	0.175	36	2.83	0.0	0.0
	8/6/2014	NA	NA	5.27	20.5	0.245	139	2.73	4.3	0.5
	11/14/2014	NA	NA	4.93	15.5	0.147	35	8.41	14.5	14.5
	5/8/2015	NA	NA	6.29	16.0	0.093	87	12.34	48	0.8
MW-64S	3/23/2006	0.10	2.9	5.83	14.3	0.188	-18	0.00	13.8	4.7
	4/26/2007	0.00	5.3	6.71	14.2	0.304	-114	0.00	53.6	2.4
	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	3.2
	4/26/2007	0.00	6.1	6.78	14.2	0.317	-121	0.00	17.5	1.9
	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	2.0
	5/24/2010	0.05	1.8	6.63	15.3	0.218	-107	0.00	16	2.3
MW-66D2	4/3/2006	0.03	5.2	5.23	15.2	0.197	-16	0.00	24.3	4.5
	4/25/2013	NA	NA	6.83	17.3	0.137	-44	6.58	399	0.2
	10/29/2013	NA	NA	8.10	13.7	0.149	-111	3.88	236	0.3
	4/25/2014	NA	NA	6.80	16.8	0.126	53	4.55	594	0.7
	10/27/2014	NA	NA	6.79	16.7	0.144	166	3.42	422	2.8
	4/23/2015	NA	NA	7.29	7.9	0.059	161	13.98	269	NM
MW-67S	3/28/2006	0.35	5.2	5.88	15.7	0.206	-117	0.00	271	4.4
	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
	4/25/2014	NA	NA	6.38	14.1	0.096	77	2.76	>800	0.0
	10/24/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/23/2015	NA	NA	8.10	10.7	0.055	155	12.71	110	0.4
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
	4/25/2014	NA	NA	6.68	14.3	0.098	2	5.35	>800	0.0
	10/24/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/23/2015	NA	NA	8.07	8.6	0.107	-274	9.51	286	NM

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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	1.9
	10/29/2013	NA	NA	8.40	11.3	0.119	-128	3.58	48.8	1.0
	4/25/2014	NA	NA	6.17	13.7	0.175	-50	2.49	189	0.0
	10/24/2014	NA	NA	6.53	13.9	0.138	68	21.08	182	0.0
	4/23/2015	NA	NA	4.32	6.8	0.026	-15	15.09	212	NM
MW-68D	3/31/2006	0.10	5.1	5.67	17.6	0.165	-150	0.00	440	4.9
	5/19/2010	0.00	9.2	5.89	16.2	0.157	-29	0.00	79	2.4
	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	0.7
	10/29/2013	NA	NA	7.76	12.0	0.135	-91	4.12	514	0.2
	4/25/2014	NA	NA	6.71	12.6	0.150	-71	5.27	>800	0.0
	10/24/2014	NA	NA	6.96	14.4	0.169	36	12.79	356	0.0
	4/23/2015 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
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
	1/23/2014	NA	NA	6.91	8.0	0.105	-109	5.06	111	0.0
	4/23/2014	NA	NA	4.75	15.8	0.578	76	10.11	93	0.0
	7/21/2014	NA	NA	7.03	18.6	0.152	48	9.35	190	0.0
	10/23/2014	NA	NA	6.95	12.7	0.138	30	6.24	142	2.7
	4/24/2015	NA	NA	6.84	8.8	0.064	107	14.38	88	0.0
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
	1/23/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/23/2014	NA	NA	2.32	14.4	0.197	211	11.88	132	0.0
	7/21/2014	NA	NA	6.68	19.3	0.138	-9	9.22	222	0.0
	10/23/2014	NA	NA	7.32	11.9	0.070	39	3.82	944	4.5
	4/24/2015	NA	NA	9.17	9.4	0.035	-89	8.70	345	0.2
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
	1/24/2014	NA	NA	5.74	10.2	0.075	36	10.78	544	NM
	4/23/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	7/21/2014	NA	NA	6.85	19.9	0.081	-21	10.13	578	0.0
	10/23/2014	NA	NA	7.06	12.2	0.040	37	4.41	>1000	2.6
	4/24/2015	NA	NA	8.63	9.7	0.053	97	13.26	387	0.5
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
	1/24/2014	NA	NA	7.12	10.6	0.126	67	12.96	>800	NM
	4/23/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	7/21/2014	NA	NA	7.03	21.1	0.112	-2	9.43	558	0.3
	10/23/2014	NA	NA	7.11	12.4	0.115	52	3.03	343	2.8

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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-73D1	4/24/2015	NA	NA	8.49	10.1	0.100	42	9.51	>800	0.5
	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
	1/24/2014	NA	NA	8.66	12.4	0.113	143	14.42	446	NM
	4/24/2014	NA	NA	5.44	10.9	0.059	140	3.56	>800	0.8
	7/18/2014	NA	NA	7.40	21.2	0.007	21	1.22	669	0.0
MW-73D2	10/30/2014	NA	NA	8.32	16.6	0.048	203	24.68	NM	0.0
	4/24/2015	NA	NA	8.18	8.0	0.038	59	15.86	338	NM
	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
	1/24/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/24/2014	NA	NA	6.43	10.1	0.160	130	8.71	>800	0.0
MW-75D1	7/18/2014	NA	NA	7.65	21.7	0.030	1	1.37	608	0.0
	10/30/2014	NA	NA	8.13	15.9	0.082	55	7.73	500	>5.0
	4/24/2015	NA	NA	8.77	9.3	0.070	-58	9.53	>800	1.4
	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
	1/24/2014	NA	NA	6.85	10.9	0.107	40	12.51	267	NM
MW-75D2	4/23/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	7/18/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	10/23/2014	NA	NA	6.22	14.1	0.397	47	3.23	317	>5.0
	4/22/2015	NA	NA	6.75	16.2	0.199	117	4.08	446	NM
	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	1/24/2014	NA	NA	6.30	10.5	0.111	0	12.93	80.9	NM
	4/23/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	7/18/2014	NA	NA	6.73	24.8	0.152	-37	10.65	20.8	0.0
	10/23/2014	NA	NA	6.70	13.3	0.158	6	2.68	12.3	3.5
	4/22/2015	NA	NA	6.39	15.2	0.144	-82	4.19	24	1.4
	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	17.2	0.234	-70	5.76	63.2	1.25
	7/23/2013	NA	NA	6.16	24.0	0.269	-157	1.71	119.0	2.90
MW-76I	10/25/2013	NA	NA	6.17	13.8	0.201	-1	4.33	88.6	0.56
	1/24/2014	NA	NA	6.17	11.3	0.062	125	12.79	73.9	0.0
	4/23/2014	NA	NA	3.39	12.6	0.553	228	4.29	21.5	0.0
	7/18/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	10/21/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/22/2015	NA	NA	7.78	15.9	0.095	236	5.52	131.0	2.2
	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

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	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
	1/24/2014	NA	NA	6.78	11.0	0.151	-8	12.62	149	0.7
	4/23/2014	NA	NA	4.35	14.3	1.09	106	5.08	>800	0.05
	7/18/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	10/21/2014	NA	NA	6.72	17.2	0.235	73	3.48	440	3.30
	4/22/2015	NA	NA	7.61	16.2	0.104	-216	4.43	>800	NM
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
	1/24/2014	NA	NA	6.94	10.2	0.128	-117	5.04	>800	NM
	4/23/2014	NA	NA	4.20	15.0	0.819	153	5.70	796	0.05
	7/21/2014	NA	NA	6.39	18.6	0.118	143	6.96	72.4	1.00
	10/21/2014	NA	NA	6.17	17.8	0.093	73	2.87	856	2.60
	4/22/2015	NA	NA	6.76	15.1	0.102	17	4.26	328	1.20
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
	1/24/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/23/2014	NA	NA	3.98	15.5	1.010	164	6.23	98.9	0.18
	7/21/2014	NA	NA	7.11	18.5	0.132	91	8.53	159	0.49
	10/21/2014	NA	NA	6.30	16.9	0.153	103	7.54	NM	>5.0
	4/22/2015	NA	NA	6.68	15.1	0.116	-66	4.25	>800	NM
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
	10/25/2013	NA	NA	5.66	11.3	0.058	27	11.71	322	1.17
	1/23/2014	NA	NA	6.52	9.1	0.057	-107	12.21	129	1.20
	4/24/2014	NA	NA	7.40	10.8	0.163	46	3.49	515	0.0
	7/18/2014	NA	NA	6.97	20.4	0.138	78	1.37	997	0.0
	10/21/2014	NA	NA	6.56	17.3	0.161	174	3.71	877	>5.0
	4/24/2015	NA	NA	7.93	10.3	0.098	170	13.50	501	0.0
MW-81D1	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

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<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>
	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
	4/29/2014	NA	NA	5.80	13.6	0.185	146	8.94	32.3	0.00
	10/30/2014	NA	NA	8.66	15.8	0.151	87	19.39	22.4	0.12
	4/24/2015 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
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
	4/29/2014	NA	NA	6.93	13.5	0.193	119	8.94	55	0.0
	10/30/2014	NA	NA	8.80	15.7	0.156	86	15.60	58	NM
	4/24/2015	NA	NA	8.58	12.0	0.153	-61	5.18	55	1.5
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

**QUARTERLY REPORT
THIRD QUARTER 2015 (JULY THROUGH SEPTEMBER)
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>
	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
	4/25/2014	NA	NA	6.07	14.5	0.163	177	5.83	30.4	0.00
	10/30/2014	NA	NA	9.10	14.1	0.147	56	6.75	70.0	1.40
	4/24/2015	NA	NA	10.07	8.2	0.099	7	16.00	32.0	0.00
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
	4/25/2014	NA	NA	8.00	13.9	0.161	73	3.38	>800	0.13
	10/30/2014	NA	NA	9.38	14.6	0.142	76	0.88	142	0.0
	4/24/2015	NA	NA	7.91	8.0	0.069	132	15.04	199	0.0
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

**QUARTERLY REPORT
THIRD QUARTER 2015 (JULY THROUGH SEPTEMBER)
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	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
	4/29/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	10/30/2014	NA	NA	8.60	15.1	0.161	112	11.80	137	1.2
	4/24/2015	NA	NA	5.99	11.2	0.136	181	17.82	29	0.2
MW-83D2	5/2/2006	-0.25	3.6	6.00	15.0	0.235	7.22	1.70	0.0	0.49
	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
	4/29/2014	NA	NA	6.44	13.3	0.148	172	8.38	2.2	0.0
	10/30/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/24/2015	NA	NA	5.53	9.3	0.191	240	19.73	16	0.6
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

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	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
	4/25/2014	NA	NA	7.35	13.8	0.154	134	6.86	68.2	0.26
	10/23/2014	NA	NA	6.72	12.6	0.169	110	7.66	104	2.00
	4/24/2015	NA	NA	7.42	7.7	0.061	169	14.19	101	0.00
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
	4/25/2014	NA	NA	9.93	13.5	0.232	21	1.72	>800	0.26
	10/23/2014	NA	NA	10.08	12.6	0.202	54	3.49	>1000	1.30
	4/24/2015	NA	NA	9.88	8.2	0.178	89	8.35	394	0.00
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
	1/27/2014	NA	NA	7.32	14.1	0.185	112	11.37	338	NM
	4/24/2014	NA	NA	7.64	13.8	0.181	161	5.97	>800	0.0
	7/17/2014	NA	NA	8.05	21.3	0.101	26	4.98	>1000	NM
	10/31/2014	NA	NA	8.70	14.2	0.199	20	9.22	0.0	1.4
	4/23/2015 ⁽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
	1/27/2014	NA	NA	7.22	12.3	0.137	-61	10.43	771	NM
	4/24/2014	NA	NA	7.67	12.9	0.202	87	10.21	437	0.19
	7/17/2014	NA	NA	7.24	20.7	0.203	92	5.36	934	2.30
	10/31/2014	NA	NA	8.57	14.3	0.168	24	9.22	0.0	>5.0
	4/23/2015	NA	NA	7.64	16.6	0.148	59	6.55	642	0.34

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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-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
	1/27/2014	NA	NA	7.37	12.2	0.131	-83	11.37	697	NM
	4/24/2014	NA	NA	9.64	13.8	0.193	50	6.35	>800	0.0
	7/17/2014	NA	NA	9.13	21.1	0.169	39	4.68	492	2.0
	10/31/2014	NA	NA	9.62	15.0	0.179	-10	11.29	227	>5.0
MW-85D2	4/23/2015	NA	NA	8.67	13.6	0.141	120	11.43	>800	0.0
	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
	1/27/2014	NA	NA	7.86	12.3	0.121	-98	12.81	>800	NM
	4/24/2014	NA	NA	8.74	18.1	0.103	36	9.77	>800	0.09
	7/17/2014	NA	NA	9.27	20.7	0.113	13	2.82	143	2.60
MW-86D1	10/31/2014	NA	NA	9.87	14.7	0.144	-46	7.77	176	1.60
	4/23/2015	NA	NA	7.81	13.4	0.063	141	11.07	483	NM
	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
	1/23/2014	NA	NA	4.41	6.8	0.148	27	14.90	90.2	NM
	4/29/2014	NA	NA	5.89	14.7	0.195	25	3.56	59.8	0.1
MW-86D2	7/17/2014	NA	NA	7.43	22.3	0.179	-102	4.35	8.7	3.0
	10/31/2014	NA	NA	6.46	14.5	0.154	39	6.42	12.9	0.0
	4/24/2015	NA	NA	8.28	11.1	0.143	-37	7.48	70	0.1
	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
	1/23/2014	NA	NA	7.11	8.9	0.156	-101	12.18	>800	0.0
MW-87D1	4/29/2014	NA	NA	4.76	15.0	0.261	168	5.83	102	0.0
	7/17/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	10/31/2014	NA	NA	6.91	13.7	0.160	39	6.63	287	0.7
	4/24/2015	NA	NA	7.93	10.4	0.129	-89	10.90	0.0	0.0
	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	

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<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>
	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
	4/29/2014	NA	NA	5.53	13.5	0.179	201	8.53	99	0.0
	7/21/2014	NA	NA	9.28	20.4	0.115	177	13.90	68	1.4
	10/31/2014	NA	NA	6.24	15.3	0.172	123	12.91	159	1.3
	4/24/2015	NA	NA	8.44	12.4	0.161	-75	19.54	247	1.7
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
	4/29/2014	NA	NA	5.61	12.5	0.160	160	5.63	30.9	0.0
	7/21/2014	NA	NA	5.70	18.4	0.133	206	7.98	30.9	0.0
	10/31/2014	NA	NA	7.86	14.9	0.169	149	10.72	29.7	3.1
	4/24/2015	NA	NA	5.65	12.9	0.166	172	14.19	75.0	2.8
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

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<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>
	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
	4/25/2014	NA	NA	5.72	14.7	0.176	197	8.44	56.5	0.06
	10/30/2014	NA	NA	7.79	13.3	0.160	82	12.59	127	0.31
	4/24/2015	NA	NA	8.15	8.4	0.106	150	14.59	148	NM
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	17.7	0.157	154	11.30	389	1.56
	10/28/2013	NA	NA	5.23	14.6	0.077	52	12.83	193	0.46
	4/25/2014	NA	NA	9.76	14.3	0.183	62	2.83	30	0.00
	10/30/2014	NA	NA	7.29	13.5	0.185	91	14.22	262	0.86
	4/24/2015	NA	NA	9.18	8.6	0.152	26	8.59	140	NM
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
	10/28/2013	NA	NA	7.06	12.5	0.192	-52	2.56	136	0.5
	1/27/2014	NA	NA	6.43	15.3	0.113	239	12.43	172	NM
	4/24/2014	NA	NA	6.96	15.2	0.275	-88	3.67	112	0.0
	7/17/2014	NA	NA	6.61	20.1	0.175	-45	2.42	104	3.6
	10/31/2014	NA	NA	6.32	12.9	0.093	51	19.08	215	>5.0
	4/23/2015	NA	NA	7.19	13.1	0.089	101	7.52	122	NM
MW-89D2	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
	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
	1/27/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/24/2014	NA	NA	7.64	14.8	0.368	-27	4.26	102	0.0
	7/17/2014	NA	NA	6.00	20.8	0.174	-40	2.13	31.3	2.0
	10/31/2014	NA	NA	7.55	13.4	0.195	6	12.01	167	1.8
	4/23/2015 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
MW-90D1	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

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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>
	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
	1/23/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/23/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	7/18/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	10/21/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/24/2015 ⁽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
	1/23/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/23/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	7/18/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	10/21/2014 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
	4/24/2015 ⁽⁵⁾	NA	NA	NM	NM	NM	NM	NM	NM	NM
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
	10/27/2014	NA	NA	6.76	15.6	0.285	-18	2.62	149	4.1
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
	10/27/2014	NA	NA	9.03	15.1	0.144	-120	2.20	32.5	75.0
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
	10/27/2014	NA	NA	8.75	15.6	0.125	33	3.10	15.1	2.3
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
	10/27/2014	NA	NA	9.29	15.6	0.148	-12	2.98	280	3.4

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