Glenn Springs Holdings, Inc.

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July 10, 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 – Second Quarter 2013 (April through June)
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 April through June 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 October 15, 2013 and will cover July through September 2013.

QUARTERLY PROGRESS REPORT

The following activities were performed during the period April through June 2013.

The Quarterly Progress Report for the time period January through March 2013 was submitted to the USEPA on April 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 May 21
iii. The carbon bed was changed out on June 18
iv. Evaluations of possible upgrade alternatives for the supplemental treatment system identified no benefit and therefore, no upgrades are planned

Biosparge System

See Figures 1 and 2 for system layout and Figures 3 and 4 for system cross-sections.

During the reporting period, air injection into the biosparge system north fence was performed the first week of April. Air injection was suspended on April 5 in preparation for the April 2013 biosparge system performance monitoring event and was restarted on May 6 after retrieval of the last sampler from a monitoring well in close proximity to an air injection well. No air was injected into the middle fence wells during the second quarter. During routine maintenance inspections, it was identified that five air line gaskets were leaking. The gaskets are scheduled to be replaced the week of July 8. Air injection into all of the air injection wells on the middle fence will resume upon retrieval of the last PDB/HydraSleeve samplers for the July biosparge system performance monitoring event.

The PDB/HydraSleeve samplers for the April 2013 quarterly performance monitoring event were inserted on April 8 and 9, 2013. Retrieval of the samplers was performed the weeks of April 22 and 29. For those wells with more than two screens in one riser pipe, the samplers for the third and fourth screens were inserted the week of April 29 and were retrieved the week of May 20. Samples from wells MW-58D2, MW-86D1/D2, and MW-89D1/D2 were split with the USEPA. GSH's analytical results and QA/QC review are attached.

In addition, in compliance with the Interim Remedial Action Report, soil vapor samples were collected on May 1 and 2, 2013 from 14 vadose zone wells in the vicinity of the most recent injection well installations.

Groundwater samples were not collected from the following wells for the reasons stated:

i. MW-59D/D1/D2, MW-61I/D1, and MW-64S/I/D - Blockages in these well could not be removed and prevented insertion of samplers to the various well screen depths.
ii. MW-66I/D1 is broken approx. 6.5 ft bgs.

It was decided that sampling of MW-66I and D1 was not needed to monitor the effect of the biosparge system in remediating the VCM plume. This decision was based on the following factors:

- VCM was non-detect at 1 ug/L in these two wells
- VCM was detected in MW-66D2 (e.g., 3300 ug/L in April 2006)
- The work required to repair the well would be significant
- Remediation of the VCM plume can be monitored using MW-66D2

Thus, well MW-66I/66D1 was not repaired. A concrete patch was placed over the well so that further damage to the well would not occur. The well can be easily located if it is needed in the future.

Notification of the July 2013 biosparge system performance monitoring event was submitted to the USEPA on June 17, 2013. The PDB/HydraSleeve samplers are to be installed the week of July 8 and retrieved a minimum of 14 days after insertion. The wells to be sampled and analyzed are the 24 groundwater monitoring wells and 14 vadose zone wells which monitor the components of the biosparge system installed in 2012.

Comparison of 2010/2011 VCM Plume with 2012/2013 VCM Plume

A description of trends and potential trends progressing from the area upgradient of the north fence to GP-3 is provided below. The 2012/2013 VCM plume is shown on Figures 1 and 2 and the 2010/2011 plume is shown on Figure 5.

Upgradient of North Fence (MW-62, MW-64, MW-92 & MW-93)

The water quality upgradient of the north fence is improving as evidenced by the following:

i. The maximum VCM concentrations in MW-92 reduced from 100 to 79 ug/L and from 190 to 20 ug/L in MW-93

ii. The DO concentrations in well nests MW-92 and MW-93 increased from a range of 1.1 to 3.0 mg/L in April 2011 to a range of 4.5 to 6.5 mg/L in April 2013

iii. The ORP values in well nests MW-92 and MW-93 increased from a range of -219 to -156 mV to a range of -140 to 12 mV in this same period

The increases in DO and ORP and the decrease in VCM are indicative that "clean" upgradient groundwater with DO is migrating into the area of these wells. With the higher DO and ORP presence, VCM biodegradation will accelerate. It appears that the trailing edge of the VCM plume is getting closer to the north fence line.

Well nest MW-62 was not selected to be sampled in 2013 and MW-64 was not sampled in 2013 due to obstructions in these wells. Considering the May 2010 maximum VCM concentrations were only 8 and 12 ug/L in MW-62 and MW-64, respectively, and that 3 years of

biodegradation and dilution have occurred since the last sample round at these wells, it is anticipated that the VCM concentrations in the area of these two wells are also lower.

North Fence

The air injections in the north fence have reduced the VCM concentrations in the adjacent monitoring wells from over 1000 ug/L in April 2011 to 150 ug/L or less by April 2013. There were a few exceptions: MW-75 (530 ug/L) and MW-90 (780 ug/L).

Also, DO concentrations which were generally <1 mg/L before the start of the air injections in September 2012 are now all equal to or greater than 5 mg/L.

Middle Fence - New Components (IW-15, IW-20, IW-22 & IW-22)

West Side (MW-87)

The MW-87 well nest is located approximately 20 feet downgradient of the middle fence at the midpoint between IW-15 and IW-16. Prior to the start of air injections in IW-15 (the furthest west air injection well) the DO concentrations in MW-87 fluctuated between 4 and 16 mg/L. Now that air is being injected into IW-15, the DO concentrations range between 16 and 20 mg/L.

Also, the maximum VCM concentration in MW-87 decreased from 160 ug/L in April 2011 to 1 ug/L by April 2013.

East Side (MW-85 & MW-89)

Well nest MW-85, located approximately 20 feet downgradient of IW-20, had a maximum VCM concentration of 1100 ug/L in April 2011. By May 2013, the maximum VCM concentration had decreased to 25 ug/L. Further, DO concentrations increased from the range of 1.6 to 4.4 mg/L in April 2011 to the range of 5.6 to 9.0 mg/L in April 2013.

The VCM concentrations in well nest MW-89, located approximately 50 feet downgradient of the mid-point between IW-21 and IW-22, also decreased, but only slightly from 63 to 60 ug/L between April 2011 and April 2013. On the positive side, the DO concentration increased from the range of 1.6 to 2.4 mg/L in April 2011 to the range of 4.5 to 5.5 mg/L in April 2013.

Middle Fence - Pilot System Components (IW-16 through IW-19)

The most notable change that has occurred in the area of the middle fence was observed in the middle of the plume downgradient of the middle fence. Well MW-66 is located about 600 feet downgradient of the middle fence. The VCM concentration at this well in April 2006 was 3300 ug/L. The April 2013 sample showed that the VCM concentration is now non-detect demonstrating that the trailing edge of the plume south of the pilot section of the middle fence has now reached at least this location. It is noted that there still may be a portion of the plume that does not pass through the location of MW-66 and flows to the east of this location

consistent with the fact that the eastern portion of the middle fence just began operation in September 2012 and the VCM plume may not have been completely cut off by the middle fence pilot system. Consistent with the fact that the VCM has been eliminated from the area of MW-66, the leading edge of the DO plume from the middle fence has reached at least the location of MW-66. The DO concentrations have increased from 0.0 mg/L in April 2006 to 6.6 mg/L in April 2013. These changes are consistent with the hydrogeological and biodegradation expectations. It was estimated that the length of time for groundwater to migrate from the middle fence to MW-66 would be on the order of 4 years. The pilot system has been injecting air for approximately 6.5 years. Consequently, consistent with expectations, the VCM plume has been eliminated through to this location and the DO concentration in the aquifer has been replenished to further improve the groundwater quality of the surrounding and further downgradient areas.

GP-3

The VCM concentration in GP-3 has decreased from 190 ug/L in April 2010 to 72 ug/L in February 2013. It is noted that Northrop is still planning to replace GP-3 with a new well (i.e., 3R). When pumping of 3R starts, it is possible that the VCM concentrations and trend in GP-3 may undergo a slight transformation until the aquifer stabilizes again under the new pumping scenario.

Summary of VCM Plume Comparison

In general:

i. It is anticipated that the trailing edge of the VCM plume is getting closer to the north fence
ii. The two cores of the VCM plume located between the north fence and the middle fence and between the middle fence and GP-3 have decreased in size and mass
iii. It is believed that the core of the VCM plume between the middle fence and GP-3 is now located south of MW-66D2 (although there may be a component of the VCM plume still further to the east of MW-66)
iv. The biosparge system is operating as designed (i.e., VCM is decreasing; DO and ORP are increasing)

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 6 through 24. 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 all monitoring wells.

ii. Groundwater VCM concentrations are decreasing in 19 of the 24 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 5 wells for the expanded system are expected to decrease with time. Such fluctuations in the short term after the start of air injection prior to decreases in the long term 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 continue to be low level ranging from non-detect to 41 ug/L.

Review of the DO in the monitoring wells downgradient of the injection wells which have partial restrictions or in which air was not injected due to the need to replace the air line gaskets shows that the DO is either holding relatively constant or slowly decreasing. For all monitoring wells, the DO it is still 4.5 mg/L or greater which is more than the DO target level of 2 mg/L. Thus, the current weekly 8-hour injection of air in the operating wells is more than sufficient. Consequently, at this time, there is no need for any further rehabilitation of these wells. If the DO concentration drops below 2 mg/L, additional rehabilitation measures will be evaluated including the possibility of lengthening the injection periods in certain wells, injecting more than once per week, or both.

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 May 2013 results shows that VCM was detected at low level concentrations (6 ppbv or less) in four 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 THIRD QUARTER 2013 ACTIVITIES

The following activities are planned for the third quarter of 2013:

i. Continue operation and monitoring of the GP-1/GP-3 supplemental air treatment system.

ii. Replace the biosparge system middle fence wells air line gaskets the week of July 8. Resume weekly 8-hour air injections into the middle fence upon retrieval of the last PDB/HydraSleeve sampler for the July biosparge system performance monitoring event.

iii. Perform the third 2013 quarterly biosparge system performance monitoring event. PDB/HydraSleeve insertion is scheduled to start on July 8 with retrieval planned to start on July 24, 2013.

iv. Change-out of the supplemental treatment system carbon bed is planned for the week of September 9, 2013.

v. Continue the weekly 8-hour air injections for the biosparge system north fence and monitor the conditions experienced at the partially obstructed wells. It is noted that air injections will be temporarily suspended during the July 2013 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/lp/41
Encl.

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M. Popper (CDM)
T. Kelly (Nassau County)
D. Schnelzer (Bayer)
J. Kay (CRA)

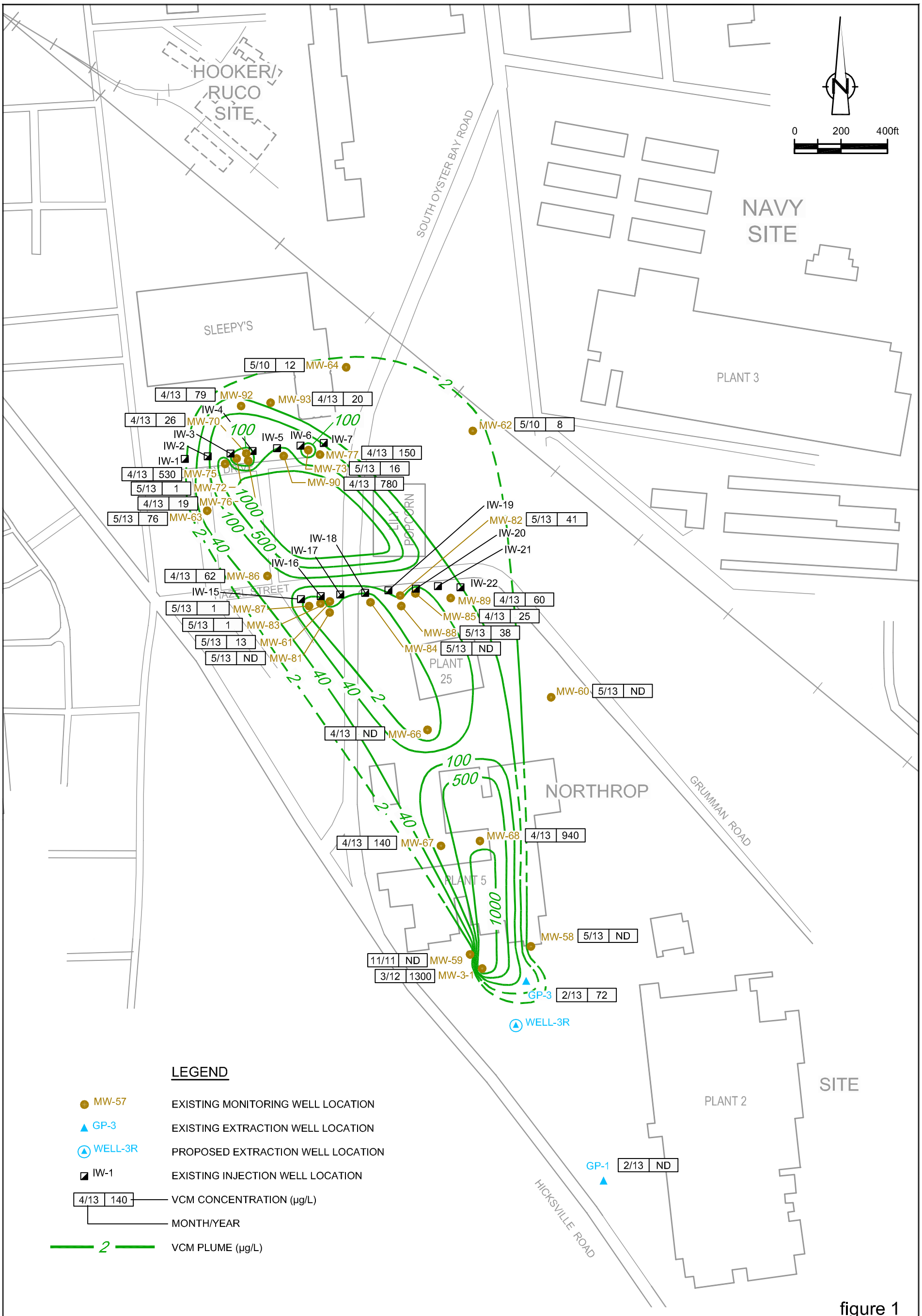


figure 1

2012/2013 VCM GROUNDWATER CONCENTRATIONS

Hooker/Ruco Site, Hicksville, New York

06883-D23102(TACC041)GN-WA001 JUL 2/2013

0 40 120ft

NEW SOUTH ROAD
WASHINGTON PARKWAY
JERRY AVENUE
MADISON AVENUE
SOUTH OYSTER BAY ROAD
MULBERRY STREET
HAZEL STREET
GRUMMAN ROAD WEST

MW-64
MW-62
MW-93
MW-92
MW-63
MW-86
IW-1
IW-2
IW-3
IW-4
IW-5
IW-6
IW-7
MW-70
MW-72
MW-75
VZ-4
VZ-1
VZ-5
MW-76S/I
MW-76D1/D2
MW-90
MW-73
VZ-2
VZ-6
MW-77
IW-15
IW-16
IW-17
IW-18
IW-19
IW-20
IW-21
IW-22
MW-87
VZ-14
MW-83
VZ-10
MW-61
MW-81
VZ-15
VZ-11
MW-84
MW-82
VZ-16
MW-88
MW-85S/I
VZ-12
MW-85D1/D2
MW-89
VZ-17

2
100
500
1000
40

AREA OF PILOT SYSTEM
CONTROL BUILDING

LEGEND

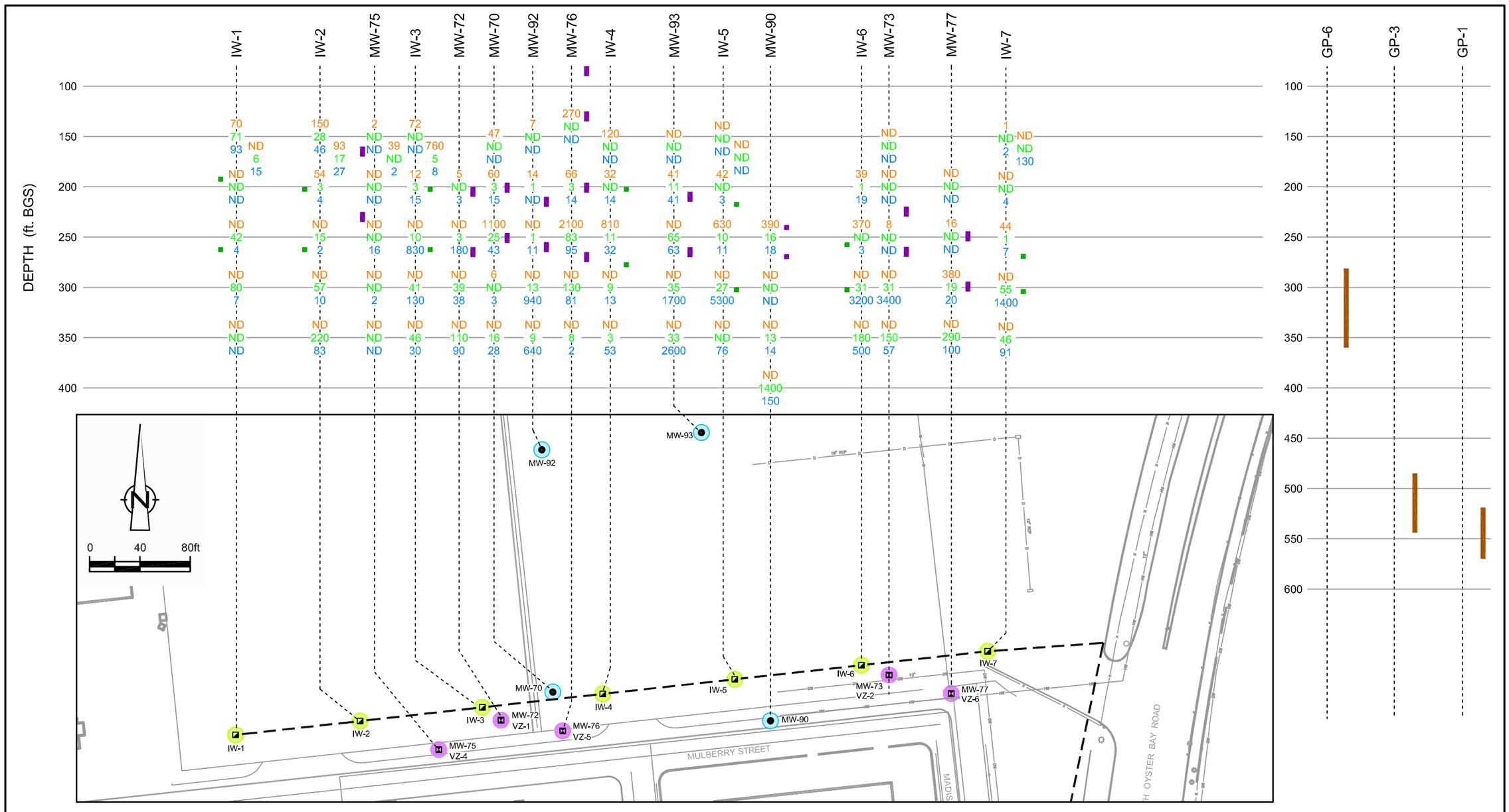
2 — VCM GROUNDWATER CONCENTRATION (µg/L)
PILOT SYSTEM FORCEMAIN ALIGNMENT
REMAINDER OF FORCEMAIN
IW-17 — EXISTING INJECTION WELL
MW-81 — EXISTING GROUNDWATER MONITORING WELL
VZ-15 — EXISTING VADOSE ZONE MONITORING WELL

figure 2

CONSTRUCTED BIOSPARGE TREATMENT SYSTEM LAYOUT

Hooker/Ruco Site, Hicksville, New York

06883-D23102(TACC041)GN-WA002 JUN 20/2013



LEGEND

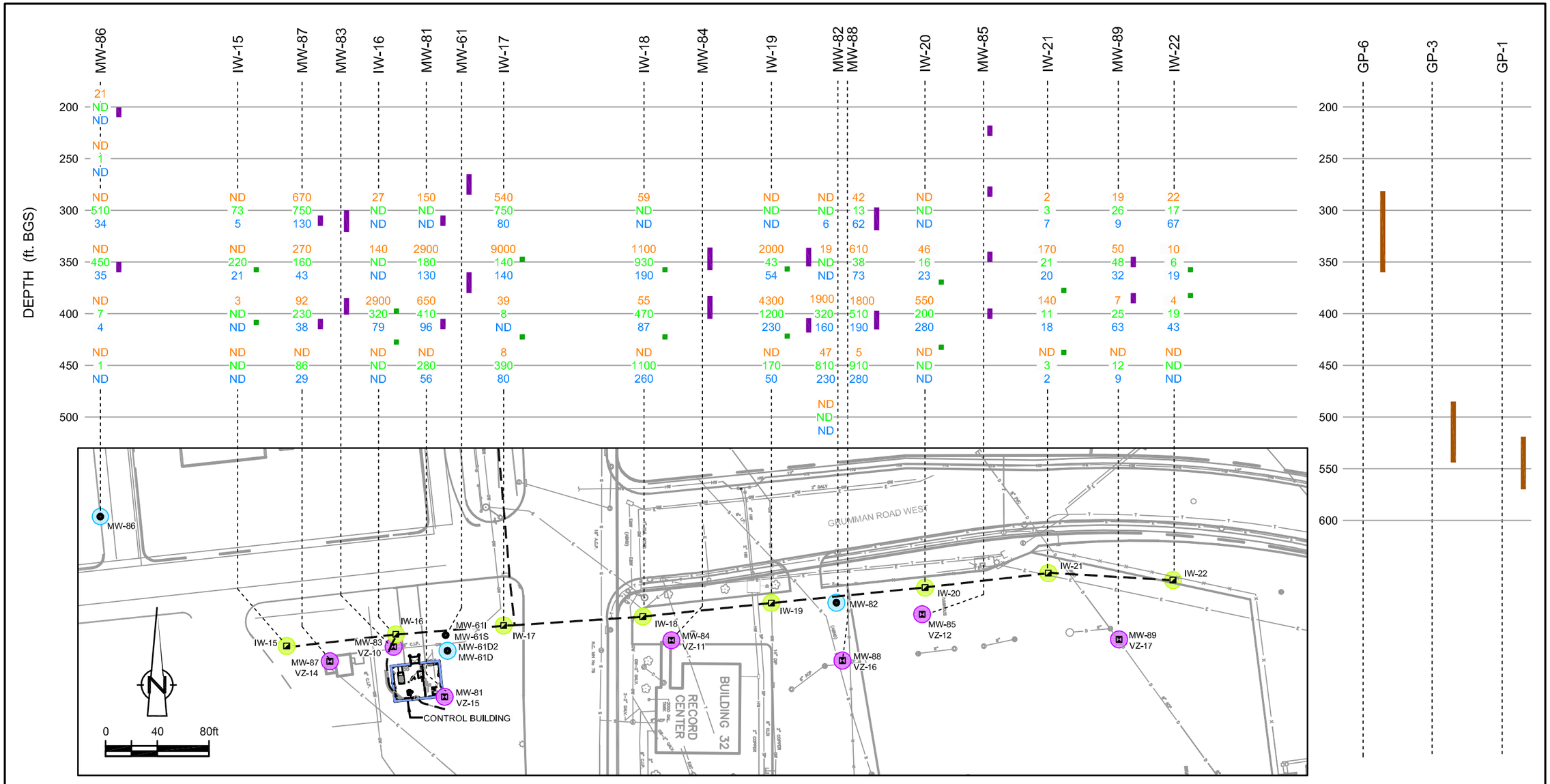
- FORCEMAIN ALIGNMENT
- MW-90 — GROUNDWATER MONITORING WELL LOCATION
- IW-4 — INJECTION WELL LOCATION
- MW-76 VZ-5 — GROUNDWATER AND VADOSE ZONE MONITORING WELL LOCATION
- AIR INJECTION WELL SCREENED INTERVAL
- GROUNDWATER MONITORING WELL SCREENED INTERVAL
- PUMPING WELL SCREENED INTERVAL
- 670 — HYDROPUNCH VCM CONCENTRATION (ppb)
- 750 — HYDROPUNCH TCE CONCENTRATION (ppb)
- 130 — HYDROPUNCH PCE CONCENTRATION (ppb)

NOTE: FEBRUARY THROUGH MARCH, 2011 HYDROPUNCH RESULTS

figure 3

NORTH FENCE AIR INJECTION AND GROUNDWATER MONITORING WELL SCREENED INTERVALS

Hooker/Ruco Site, Hicksville, New York



LEGEND

- FORCEMAIN ALIGNMENT
- MW-61 — GROUNDWATER MONITORING WELL LOCATION
- IW-8 — INJECTION WELL LOCATION
- MW-80 VZ-9 — GROUNDWATER AND VADOSE ZONE MONITORING WELL LOCATION
- AIR INJECTION WELL SCREENED INTERVAL
- GROUNDWATER MONITORING WELL SCREENED INTERVAL
- PUMPING WELL SCREENED INTERVAL
- 670 — HYDROPUNCH VCM CONCENTRATION (ppb)
- 750 — HYDROPUNCH TCE CONCENTRATION (ppb)
- 130 — HYDROPUNCH PCE CONCENTRATION (ppb)

NOTE: PILOT SYSTEM: OCTOBER 2005 THROUGH APRIL 2006 ANALYTICAL RESULTS.
REMAINING COMMENTS: OCTOBER THROUGH DECEMBER 2010 HYDROPUNCH RESULTS.

figure 4

MIDDLE FENCE AIR INJECTION AND GROUNDWATER MONITORING WELL SCREENED INTERVALS

Hooker/Ruco Site, Hicksville, New York

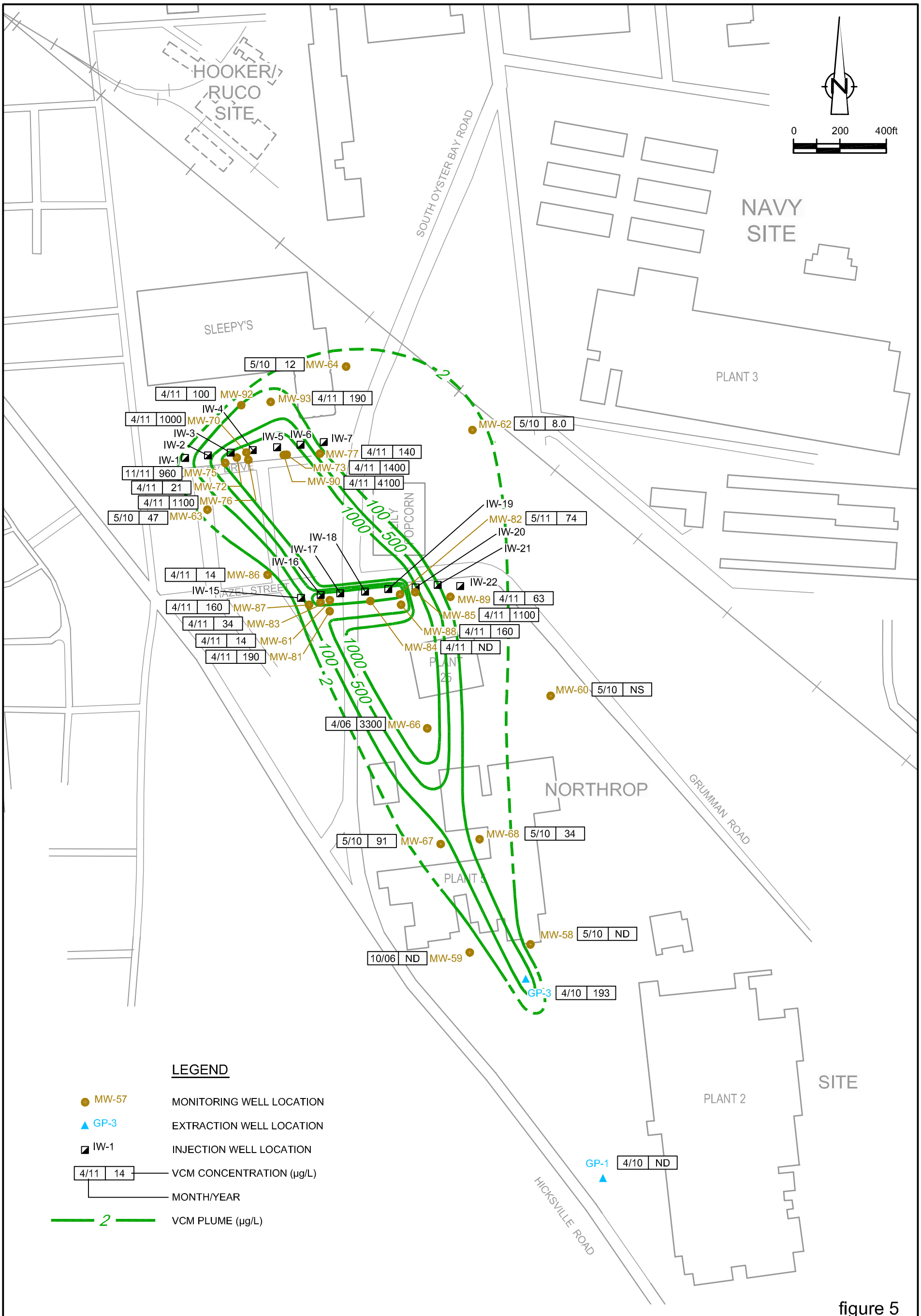


figure 5

2010/2011 VCM GROUNDWATER CONCENTRATIONS

Hooker/Ruco Site, Hicksville, New York

06883-D23102(TACC041)GN-WA005 JUN 24/2013

AIR INJECTIONS

IW16-D2A
IW17-D2A
IW16-D1A/L
IW17-D1A

CHEMICAL CONCENTRATIONS (µg/L)

DISSOLVED OXYGEN (mg/L)

>20

TVOCs
VCM
DO
MW-61D1
MW-61D2

figure 6

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

AIR INJECTIONS

IW16-D2A
IW17-D2A
IW16-D1A/L
IW17-D1A

CHEMICAL CONCENTRATIONS (µg/L)

DISSOLVED OXYGEN (mg/L)

>20

TVOCs
VCM
DO
MW-81D1
MW-81D2

figure 7

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

AIR INJECTIONS

IW19-D2A
IW19-D1A
IW20-D2A
IW20-D1A

CHEMICAL CONCENTRATIONS (µg/L)

DISSOLVED OXYGEN (mg/L)

>20

TVOCs
VCM
DO
MW-82D1
MW-82D2

figure 8

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

AIR INJECTIONS

IW16-D2A
IW16-D1A/L

CHEMICAL CONCENTRATIONS (µg/L)

DISSOLVED OXYGEN (mg/L)

>20

20

TVOCs
VCM
DO
MW-83D1
MW-83D2

figure 9

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

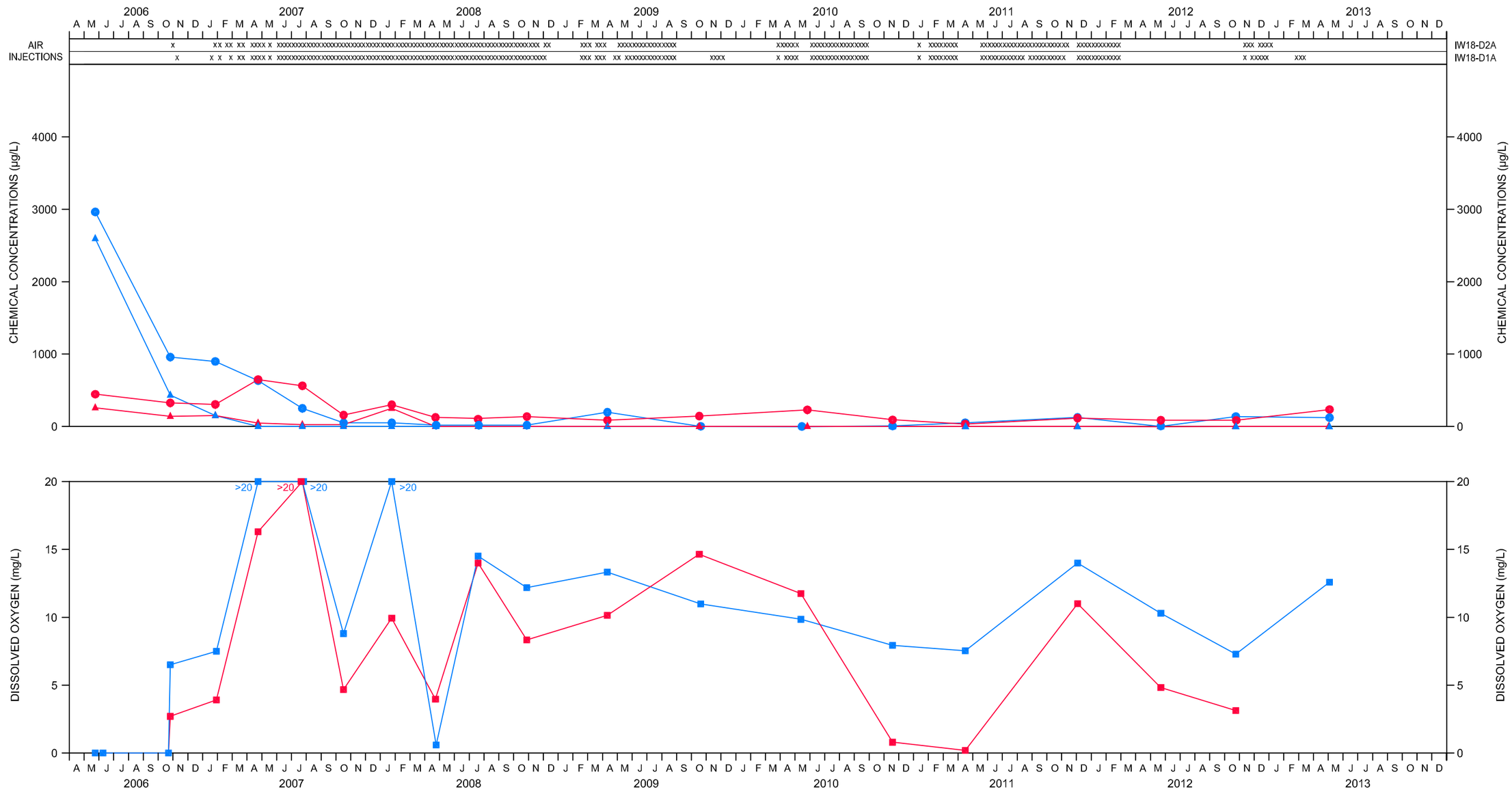


figure 10

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

AIR INJECTIONS

IW16-D2A
IW16-D1A/L
IW15-D2A
IW15-D1A

CHEMICAL CONCENTRATIONS (µg/L)

DISSOLVED OXYGEN (mg/L)

>20

TVOCs
VCM
DO
MW-87D1
MW-87D2

figure 11

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

AIR INJECTIONS

IW19-D2A
IW19-D1A
IW20-D2A
IW20-D1A

CHEMICAL CONCENTRATIONS (µg/L)

DISSOLVED OXYGEN (mg/L)

>20

>20

TVOCs
VCM
DO
MW-88D1
MW-88D2

figure 12

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

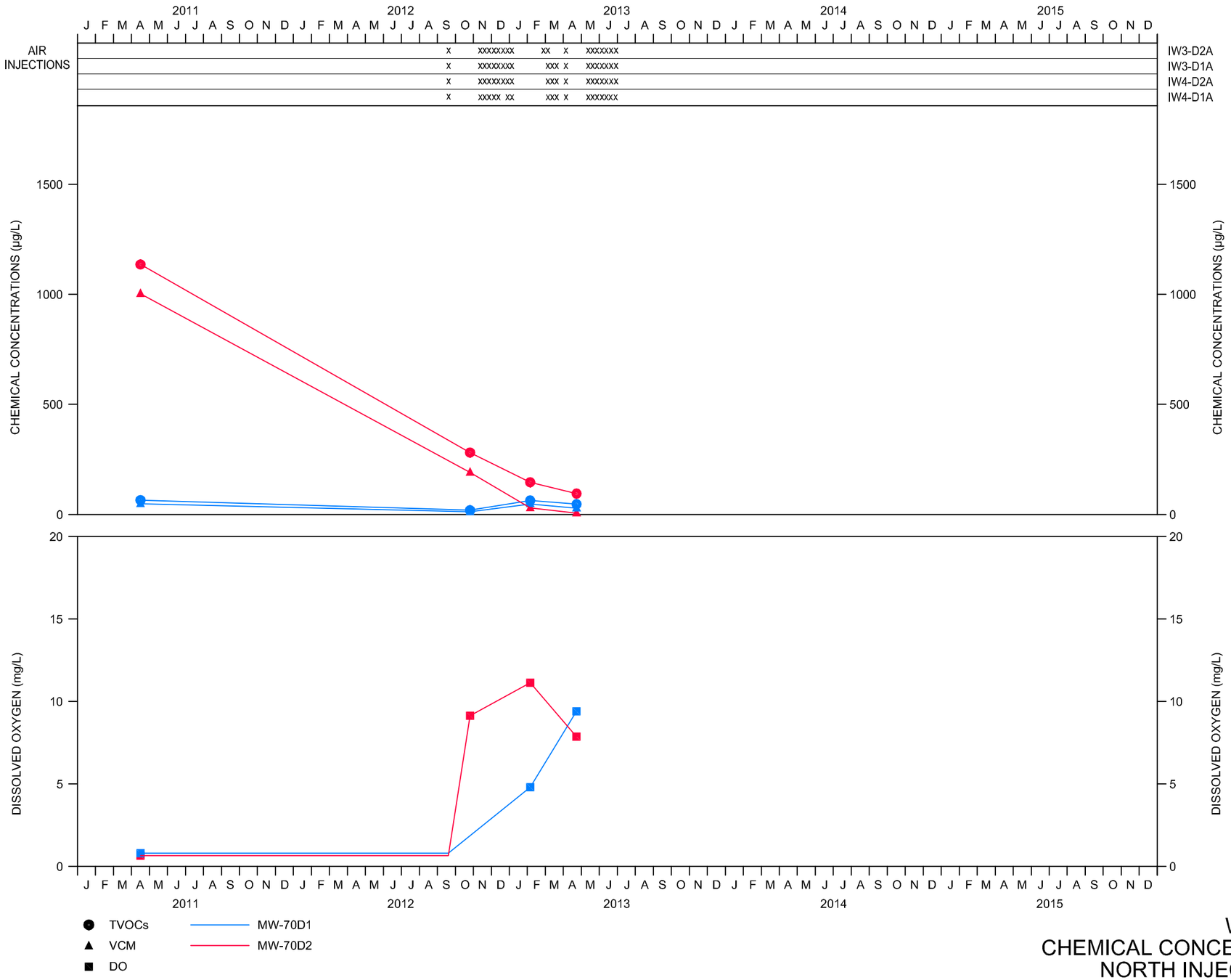


figure 13

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

06883-D23102(TACC041)GN-WA013 JUL 2/2013

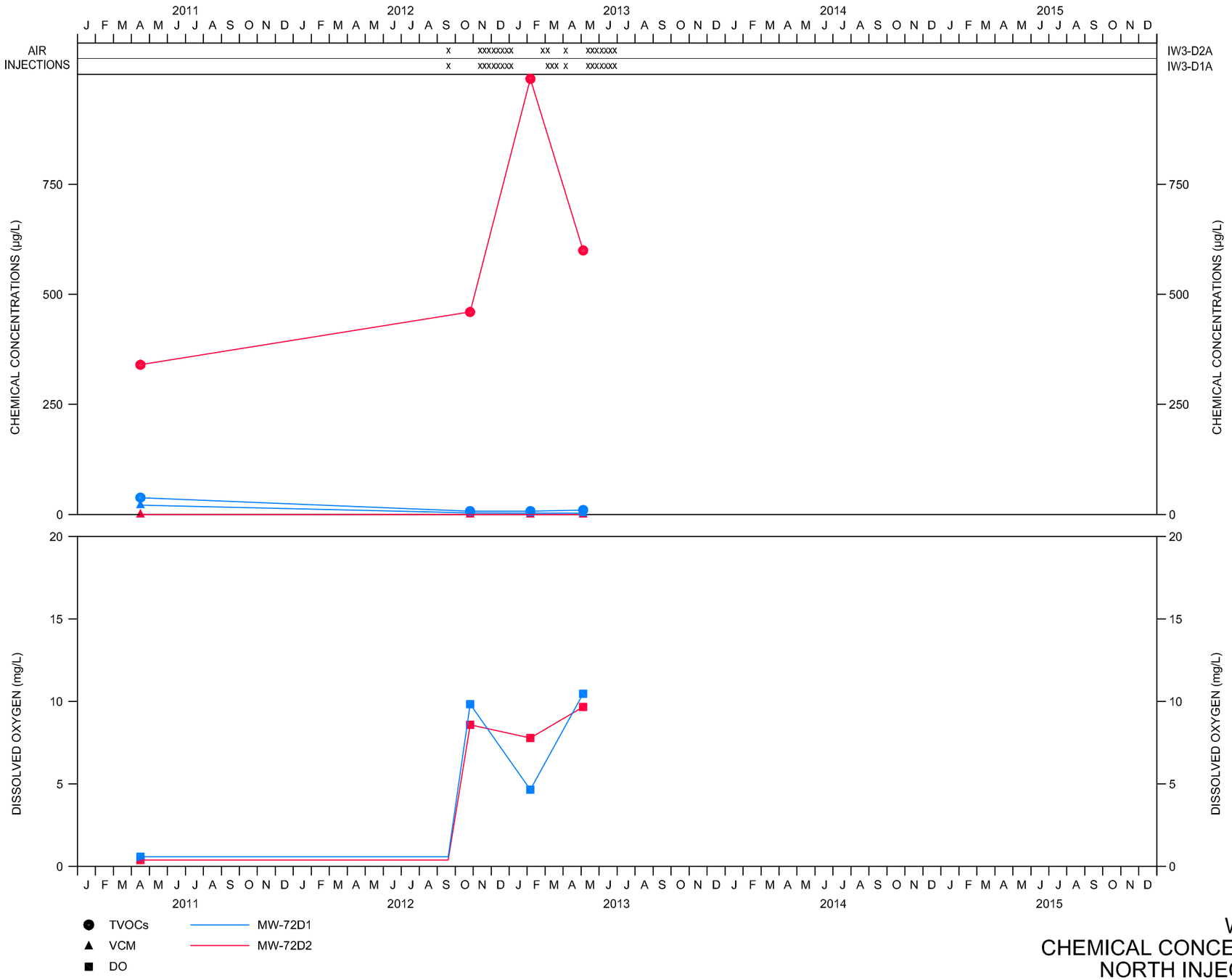


figure 14

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

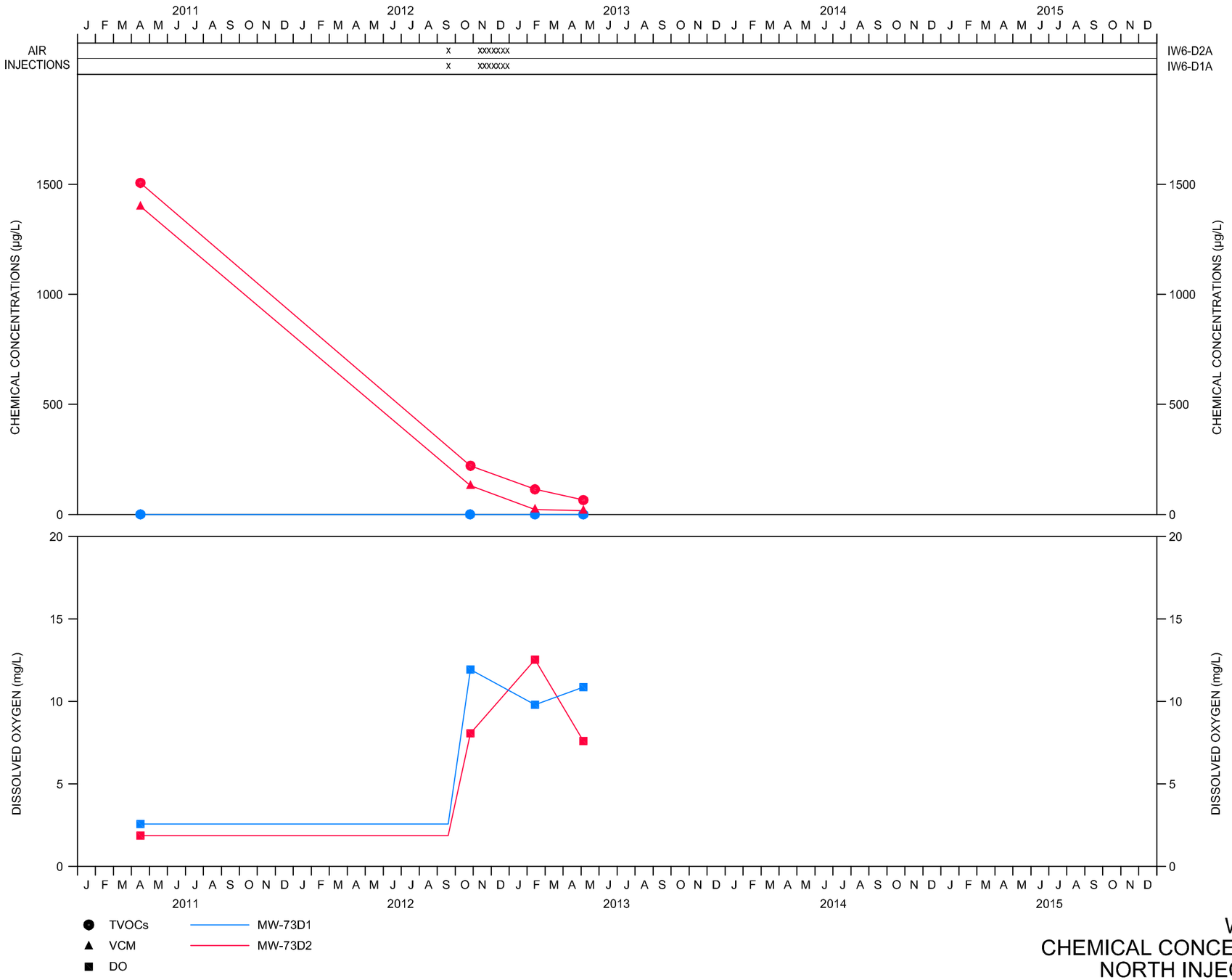


figure 15

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

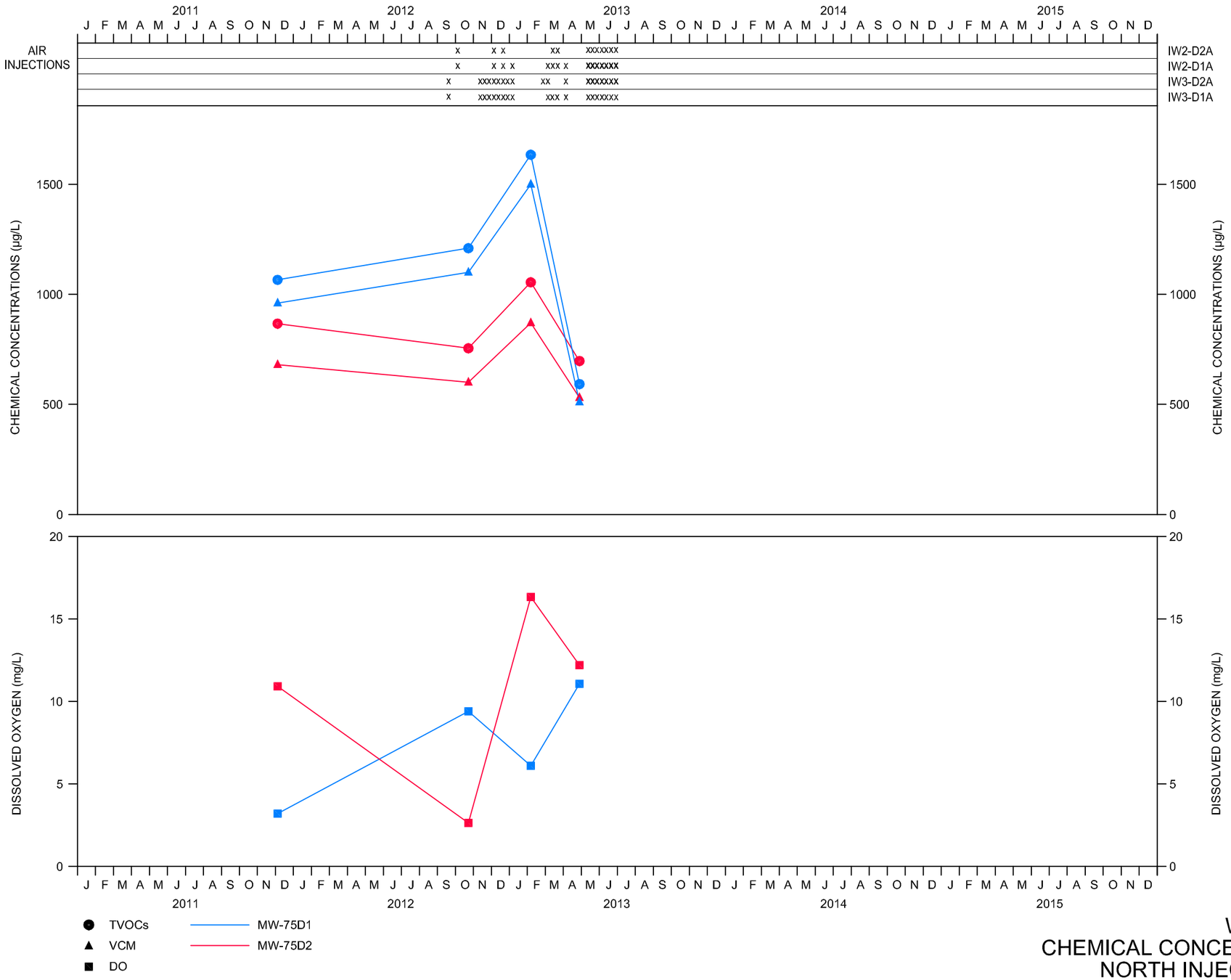


figure 16

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

06883-D23102(TACC041)GN-WA016 JUL 2/2013

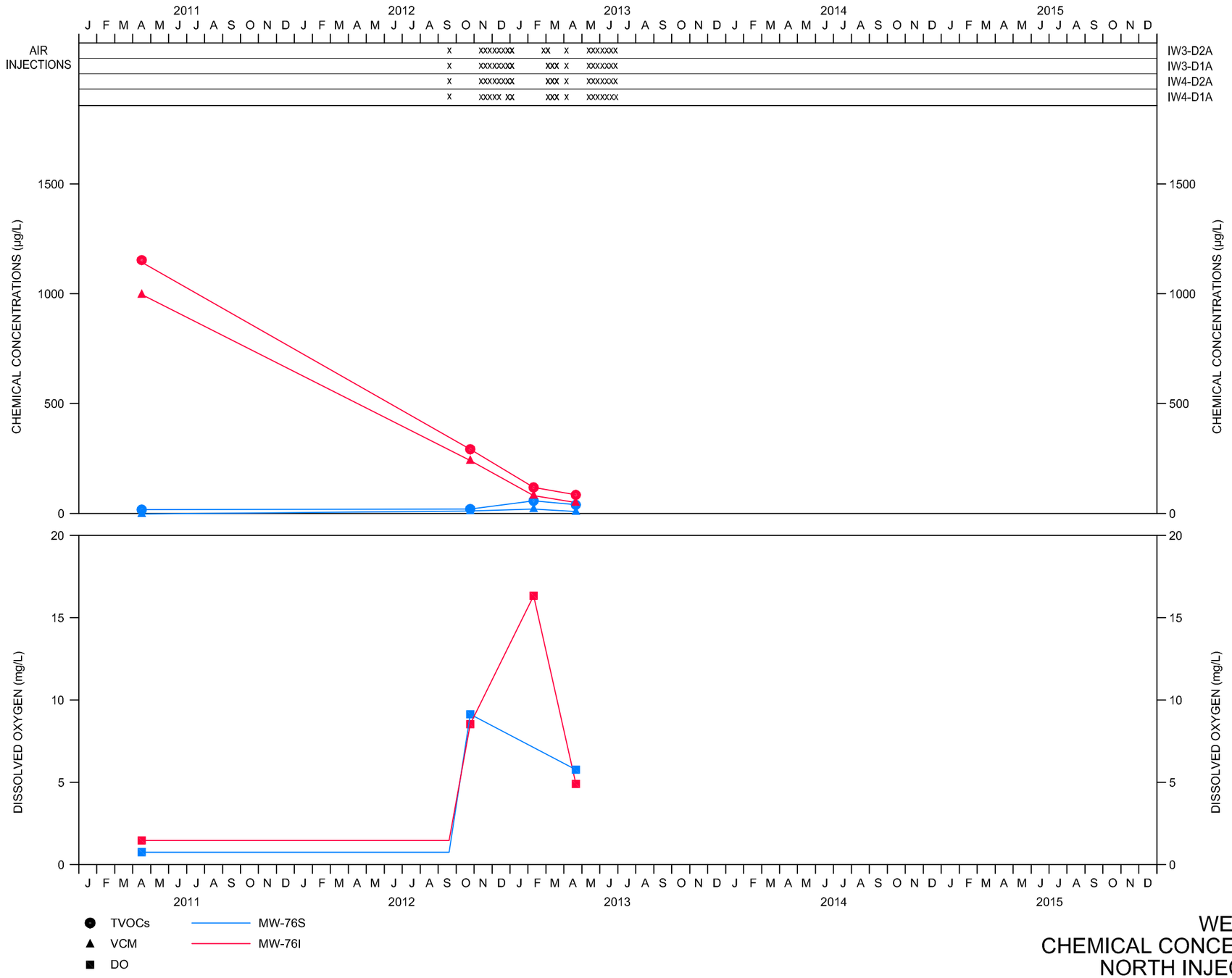


figure 17

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

06883-D23102(TACC041)GN-WA017 JUL 2/2013

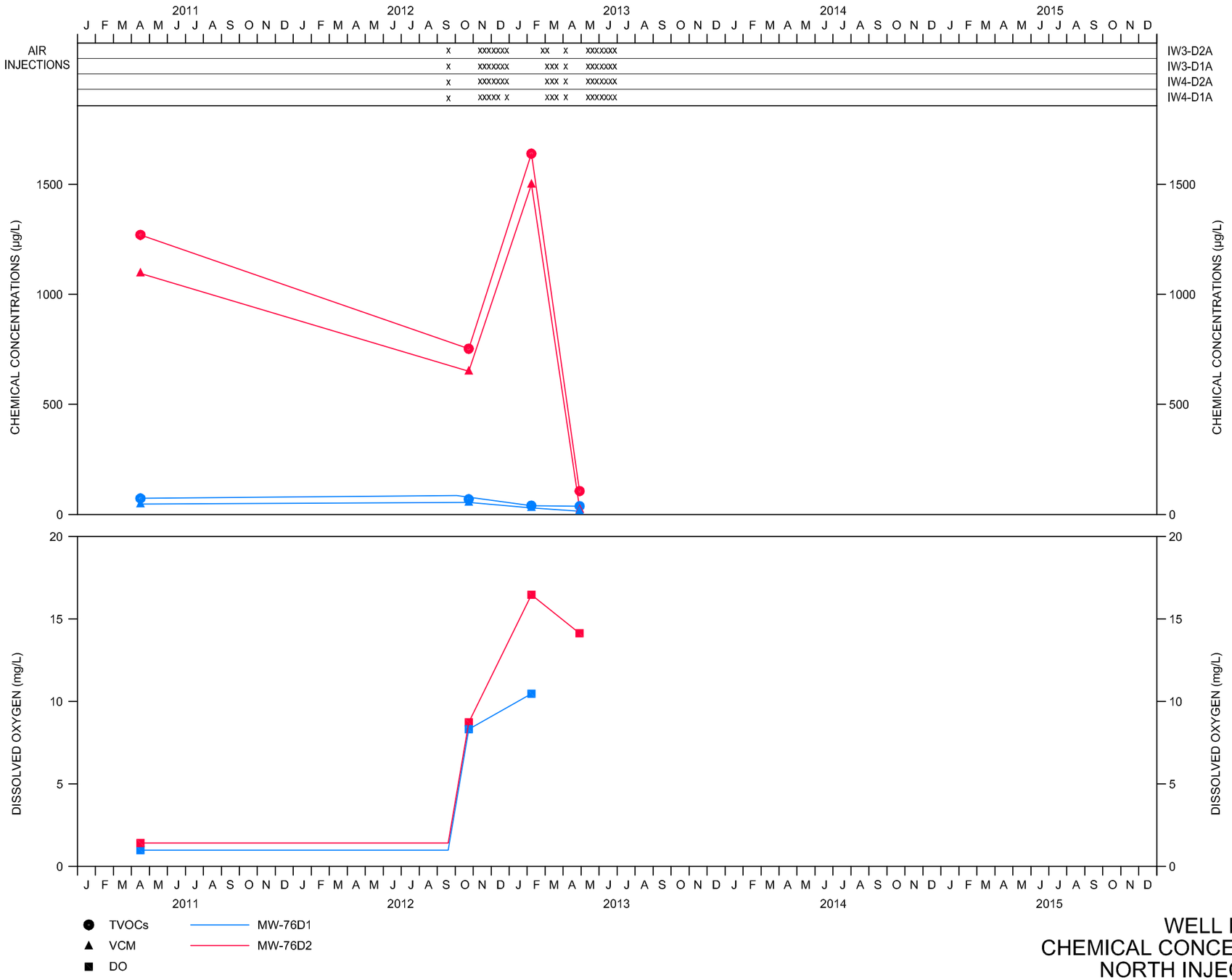


figure 18

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

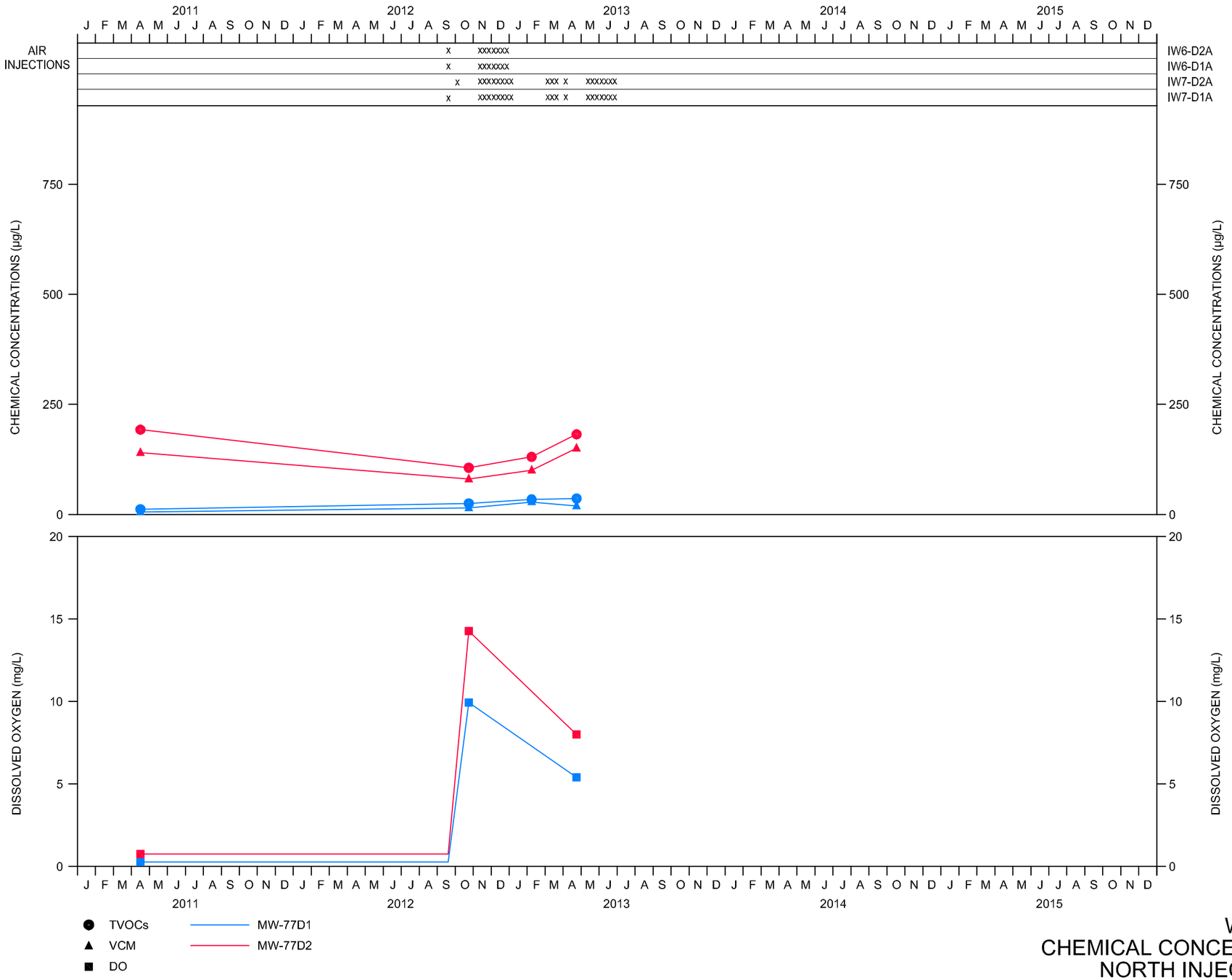


figure 19

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

06883-D23102(TACC041)GN-WA019 JUL 2/2013

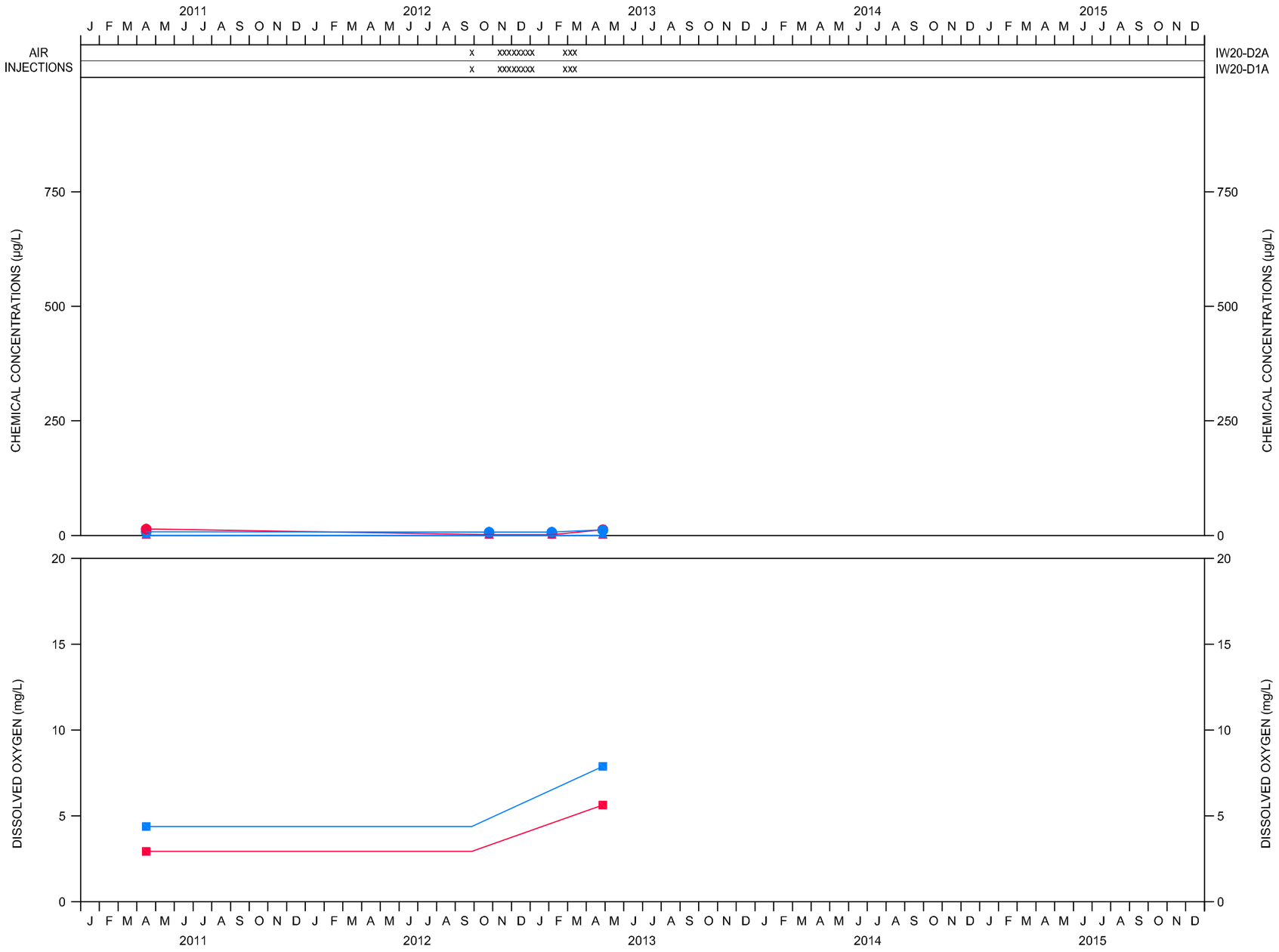


figure 20

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

06883-D23102(TACC041)GN-WA020 JUN 24/2013

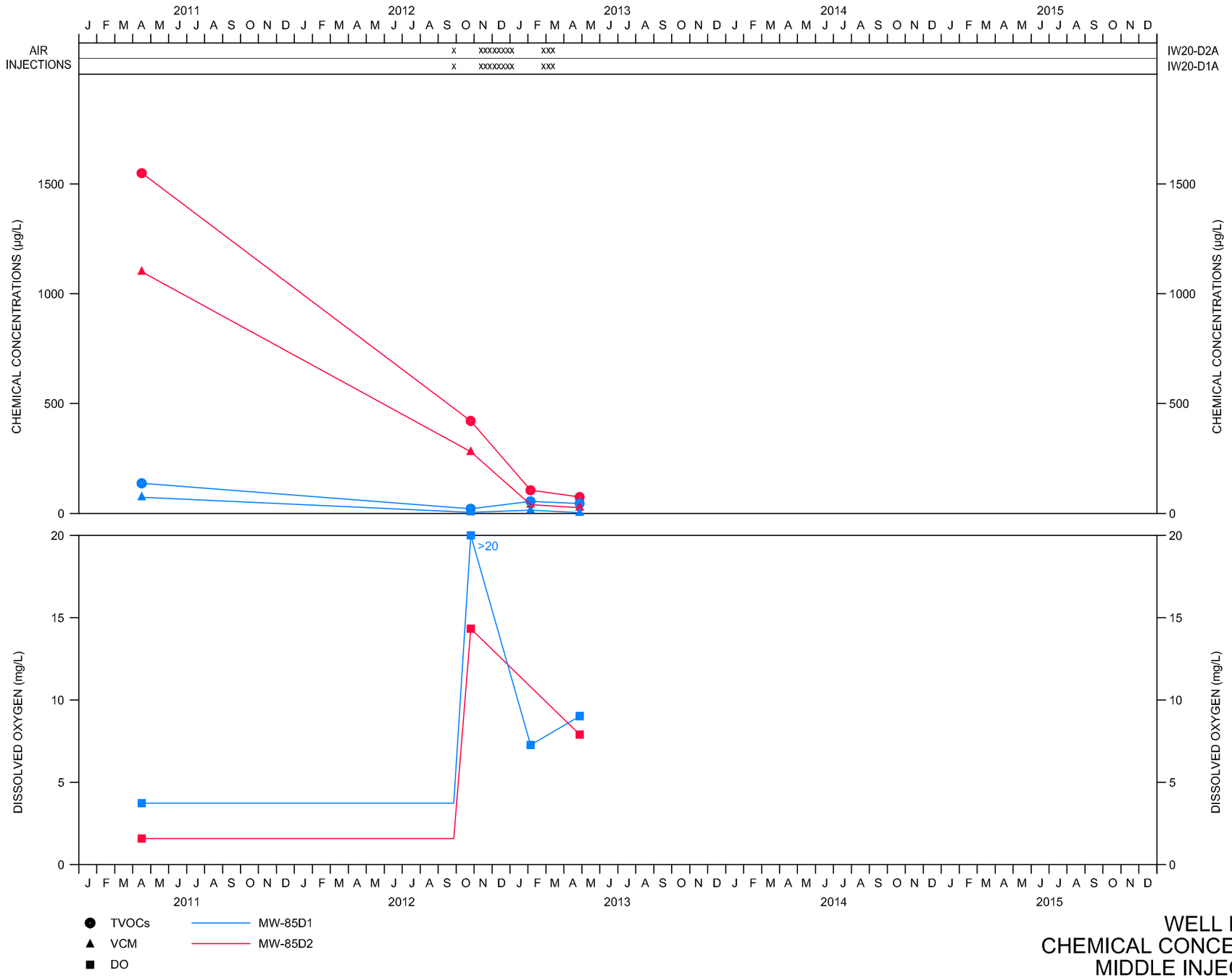


figure 21

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

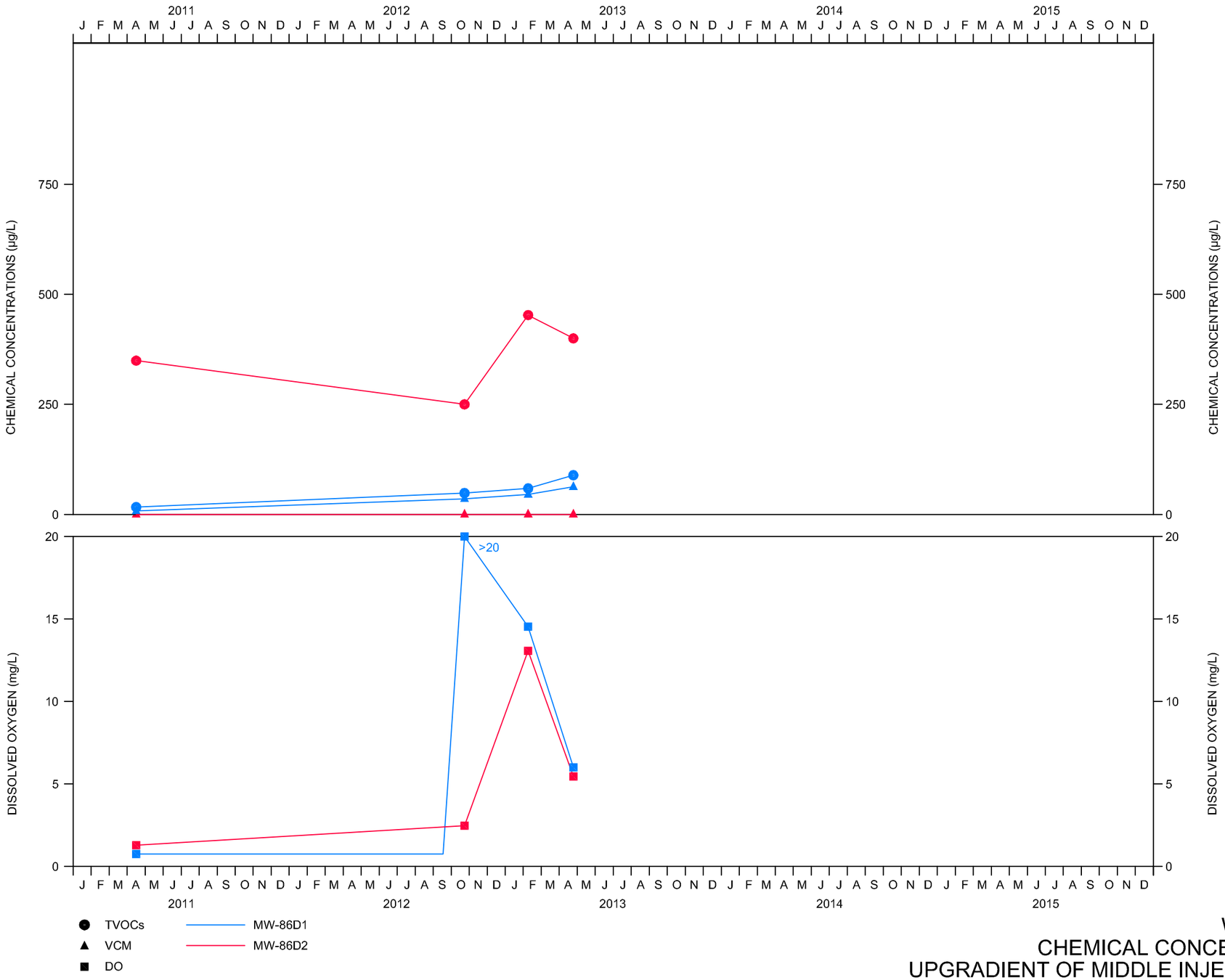


figure 22

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

06883-D23102(TACC041)GN-WA022 JUN 24/2013

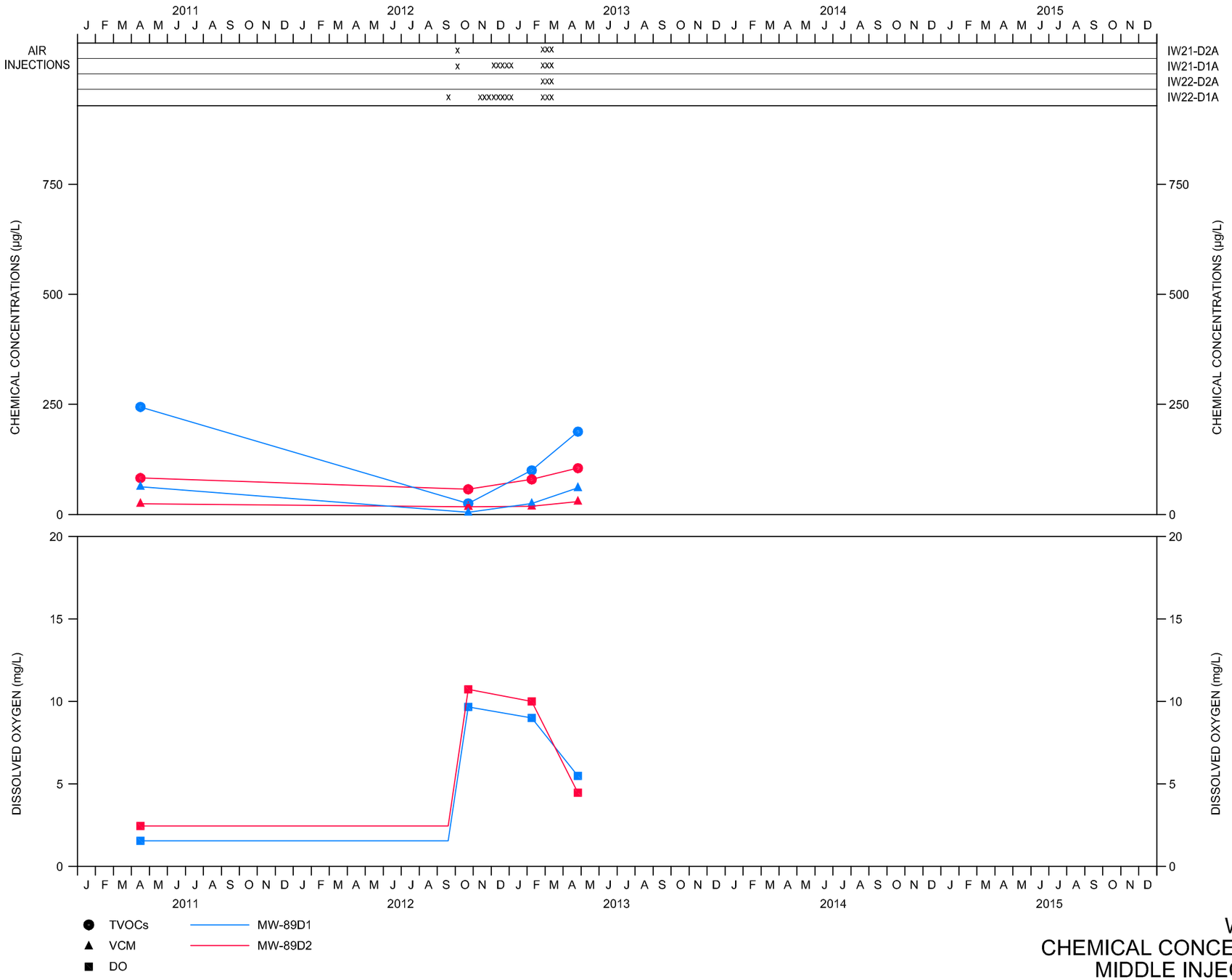


figure 23

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

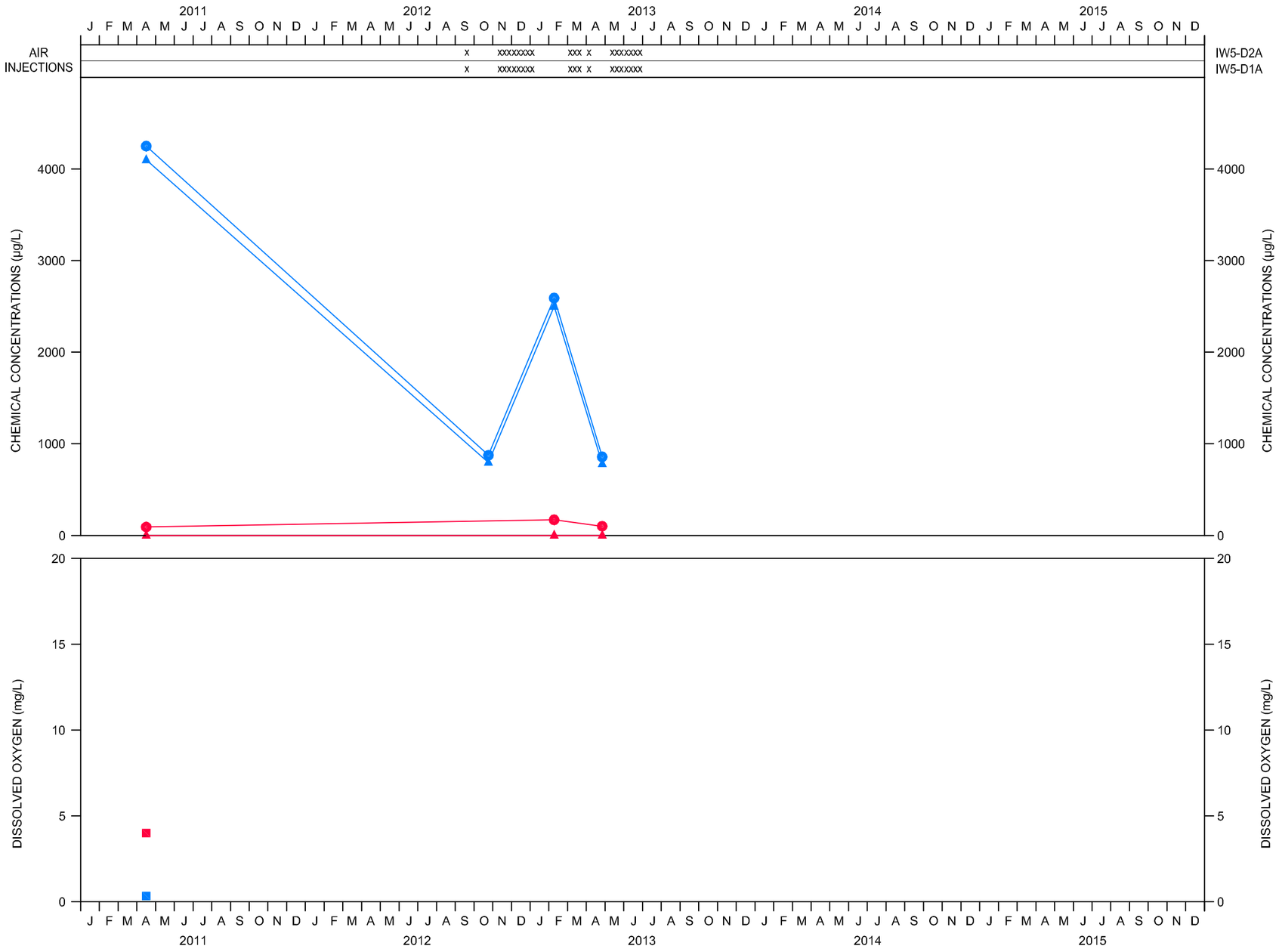


figure 24

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

April through June 2013

Task and Activity	*Percentage of Activity Completed*	*Start Date*	*Scheduled Completion Date*	*Completion Date*
• 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

TABLE 1

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

April through June 2013

Task and Activity	*Percentage of Activity Completed*	*Start Date*	*Scheduled Completion Date*	*Completion Date*
• 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	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
• Property Purchased	100			June 2005

TABLE 1

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

April through June 2013

Task and Activity	*Percentage of Activity Completed*	*Start Date*	*Scheduled Completion Date*	*Completion Date*
• 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 [1,2,3] 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
• Contracted Well Driller	100			August 3, 2010

TABLE 1

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

April through June 2013

Task and Activity	*Percentage of Activity Completed*	*Start Date*	*Scheduled Completion Date*	*Completion Date*
• 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[TM] 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

QUARTERLY REPORT
SECOND QUARTER 2013 (APRIL THROUGH JUNE)
HOOKER RUCO SITE
HICKSVILLE, NEW YORK

Well	*Date Sampled*	*Drawdown from Initial Water Level* [1] [4] *(feet)*	*Well Screen Volumes Purged* [4]	*pH (S.U.)*	*Temperature (Celsius)*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*	*Fe^{+2} (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

TABLE 2

QUARTERLY REPORT
SECOND QUARTER 2013 (APRIL THROUGH JUNE)
HOOKER RUCO SITE
HICKSVILLE, NEW YORK

Well	*Date Sampled*	*Drawdown from Initial Water Level* [1] [4] *(feet)*	*Well Screen Volumes Purged* [4]	*pH (S.U.)*	*Temperature (Celsius)*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*	*Fe^{+2} (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

QUARTERLY REPORT
SECOND QUARTER 2013 (APRIL THROUGH JUNE)
HOOKER RUCO SITE
HICKSVILLE, NEW YORK

Well	*Date Sampled*	*Drawdown from Initial Water Level* [1] [4] *(feet)*	*Well Screen Volumes Purged* [4]	*pH (S.U.)*	*Temperature (Celsius)*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*	*Fe^{+2} (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
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
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
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
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
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
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
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
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
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
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
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
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

TABLE 2

QUARTERLY REPORT
SECOND QUARTER 2013 (APRIL THROUGH JUNE)
HOOKER RUCO SITE
HICKSVILLE, NEW YORK

Well	*Date Sampled*	*Drawdown from Initial Water Level* [1] [4] *(feet)*	*Well Screen Volumes Purged* [4]	*pH (S.U.)*	*Temperature (Celsius)*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*	*Fe^{+2} (mg/L)*
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
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
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
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
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	0.23	-70	5.76	63.2	1.25
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
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
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
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
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	0.16	-141	5.39	5.20	>5.0

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SECOND QUARTER 2013 (APRIL THROUGH JUNE)
HOOKER RUCO SITE
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Well	*Date Sampled*	*Drawdown from Initial Water Level* [1] [4] *(feet)*	*Well Screen Volumes Purged* [4]	*pH (S.U.)*	*Temperature (Celsius)*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*	*Fe^{+2} (mg/L)*
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
	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
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	0.2	46	17.28	489	3.9

TABLE 2

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HICKSVILLE, NEW YORK

Well	*Date Sampled*	*Drawdown from Initial Water Level* [1] [4] *(feet)*	*Well Screen Volumes Purged* [4]	*pH (S.U.)*	*Temperature (Celsius)*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*	*Fe^{+2} (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
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

TABLE 2

QUARTERLY REPORT
SECOND QUARTER 2013 (APRIL THROUGH JUNE)
HOOKER RUCO SITE
HICKSVILLE, NEW YORK

Well	*Date Sampled*	*Drawdown from Initial Water Level* [1] [4] *(feet)*	*Well Screen Volumes Purged* [4]	*pH (S.U.)*	*Temperature (Celsius)*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*	*Fe^{+2} (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
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

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HOOKER RUCO SITE
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Well	*Date Sampled*	*Drawdown from Initial Water Level* [1] [4] *(feet)*	*Well Screen Volumes Purged* [4]	*pH (S.U.)*	*Temperature (Celsius)*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*	*Fe^{+2} (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
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

TABLE 2

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Well	*Date Sampled*	*Drawdown from Initial Water Level* [1] [4] *(feet)*	*Well Screen Volumes Purged* [4]	*pH (S.U.)*	*Temperature (Celsius)*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*	*Fe^{+2} (mg/L)*
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
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
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
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
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
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
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

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HOOKER RUCO SITE
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Well	*Date Sampled*	*Drawdown from Initial Water Level* [1] [4] *(feet)*	*Well Screen Volumes Purged* [4]	*pH (S.U.)*	*Temperature (Celsius)*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*	*Fe^{+2} (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
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

QUARTERLY REPORT
SECOND QUARTER 2013 (APRIL THROUGH JUNE)
HOOKER RUCO SITE
HICKSVILLE, NEW YORK

Well	*Date Sampled*	*Drawdown from Initial Water Level* [1] [4] *(feet)*	*Well Screen Volumes Purged* [4]	*pH (S.U.)*	*Temperature (Celsius)*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*	*Fe^{+2} (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
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
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
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
	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
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

TABLE 2

QUARTERLY REPORT
SECOND QUARTER 2013 (APRIL THROUGH JUNE)
HOOKER RUCO SITE
HICKSVILLE, NEW YORK

Well	*Date Sampled*	*Drawdown from Initial Water Level (1) (4) (feet)*	*Well Screen Volumes Purged (4)*	*pH (S.U.)*	*Temperature (Celsius)*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*	*Fe^{+2} (mg/L)*
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

TABLE 3

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

Parameter	*11/6/2012*	*2/6/2013*	*5/1/2013*
Acetone	14.3	3.9	2.4 J
Carbon Disulfide	ND	ND	2.0
Ethanol	ND	1.5	ND
Methyl Chloride	ND	ND	0.61J
Methyl Ethyl Ketone	505	13.7	0.41J
Tetrachloroethene	3.5J	2.5	3.4
Tetrahydrofuran	1,320	2.2	18
Toluene	ND	ND	ND
Vinyl Chloride	ND	ND	ND

VZ-1D
Well Screen Interval: 41.0 to 46.0 ft bgs

Parameter	*11/6/2012*	*2/6/2013*	*5/1/2013*
Acetone	628	387	13J
Carbon Disulfide	140	109	129
Ethanol	ND	90	ND
Methyl Chloride	ND	22	30J
Methyl Ethyl Ketone	1030	46	ND
Tetrachloroethene	ND	ND	ND
Tetrahydrofuran	6,020	1,530	2,810
Toluene	39	132	ND
Vinyl Chloride	ND	ND	ND

Notes

(1) Units are ppbv
J - Estimated concentrations

TABLE 3

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

Parameter	*4/28/2011*	*11/6/2012*	*2/6/2013*	*5/1/2013*
Acetone	4.4	22	1.6	2.8J
Carbon Disulfide	ND	ND	ND	0.98
Ethanol	2.6	40	1.1	ND
Methyl Chloride	ND	ND	ND	0.71J
Methyl Ethyl Ketone	0.52	ND	14	ND
Tetrachloroethene	0.33J	ND	0.58	0.89
Tetrahydrofuran	0.38J	ND	27	ND
Toluene	0.85	ND	ND	0.22J
Vinyl Chloride	ND	ND	ND	ND

VZ-2D
Well Screen Interval: 44.0 to 49.0 ft bgs

Parameter	*4/28/2011*	*11/6/2012*	*2/6/2013*	*5/1/2013*
Acetone	ND	87	ND	6.9J
Carbon Disulfide	3.9	ND	5.5	24
Ethanol	4.3	ND	5.3	ND
Methyl Chloride	3.6	ND	6.7	17J
Methyl Ethyl Ketone	2.0J	334	8.8	9.5
Tetrachloroethene	1.8J	ND	1.3	3.5
Tetrahydrofuran	2.0J	1050	12	5.1
Toluene	18.0	ND	ND	0.21J
Vinyl Chloride	ND	ND	2.8	5.7J

Notes

(1) Units are ppbv
J - Estimated concentrations

TABLE 3

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

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

VZ-4D
Well Screen Interval: 43.0 to 48.0 ft bgs

Parameter	*12/8/2011*	*11/6/2012*	*2/6/2013*	*5/1/2013*
Acetone	5.8	4.3	ND	ND
Carbon Disulfide	66	ND	118	155
Ethanol	ND	2.6	ND	ND
Methyl Chloride	6.2	ND	16	21J
Methyl Ethyl Ketone	45	16	13	5.6
Tetrachloroethene	9.4	1.2	ND	4.9J
Tetrahydrofuran	460	36	1,150	1,450
Toluene	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND

Notes

(1) Units are ppbv
J - Estimated concentrations

TABLE 3

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

Parameter	*4/26/2011*	*11/6/2012*	*2/6/2013*	*5/1/2013*
Acetone	7.7	43,100	793	882J
Carbon Disulfide	0.23J	ND	ND	22
Ethanol	2.6	ND	45	ND
Methyl Chloride	ND	ND	ND	ND
Methyl Ethyl Ketone	1.0	55,300	1,230	1,950
Tetrachloroethene	0.99	ND	ND	7.3J
Tetrahydrofuran	1.0	141,000	2,350	4,010
Toluene	0.34J	871J	87	21
Vinyl Chloride	ND	ND	ND	ND

VZ-5D
Well Screen Interval: 41.0 to 46.0 ft bgs

Parameter	*4/26/2011*	*11/6/2012*	*2/6/2013*	*5/1/2013*
Acetone	2,640	118	74	41J
Carbon Disulfide	21	156	126	158
Ethanol	48	ND	11	***ND***
Methyl Chloride	ND	26	21	34J
Methyl Ethyl Ketone	8.4J	75	25	8
Tetrachloroethene	ND	2.7J	6.0	14
Tetrahydrofuran	ND	561	245	456
Toluene	38	ND	ND	ND
Vinyl Chloride	ND	20	5.3	4.9J

Notes

(1) Units are ppbv
J - Estimated concentrations

TABLE 3

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

Parameter	*4/27/2011*	*11/6/2012*	*2/6/2013*	*5/1/2013*
Acetone	1.3	3.9	2.6	2.6J
Carbon Disulfide	ND	1.8	ND	0.90
Ethanol	2.0	ND	14	ND
Methyl Chloride	ND	0.86	0.46J	0.58J
Methyl Ethyl Ketone	0.38J	30	15	0.58
Tetrachloroethene	0.56	ND	0.57	0.75
Tetrahydrofuran	0.35J	95	28	25
Toluene	0.20J	ND	ND	1.2
Vinyl Chloride	ND	ND	ND	ND

VZ-6D
Well Screen Interval: 44.0 to 49.0 ft bgs

Parameter	*12/8/2011*	*11/6/2012*	*2/6/2013*	*5/1/2013*
Acetone	3.1	14	4.1	22J
Carbon Disulfide	ND	120	0.62	40
Ethanol	1.0	ND	1.7	8.0J
Methyl Chloride	0.41J	49	0.88	28J
Methyl Ethyl Ketone	31	50	21	1.9
Tetrachloroethene	0.27J	ND	0.63	7.6
Tetrahydrofuran	65	920	21	79
Toluene	ND	ND	ND	0.78
Vinyl Chloride	ND	ND	ND	0.99J

Notes

(1) Units are ppbv
J - Estimated concentrations

TABLE 3

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

Parameter	*4/21/2011*	*11/6/2012*	*2/6/2013*	*5/2/2013*
Acetone	4.6	13	1.9	4.3J
Carbon Disulfide	0.19J	13	ND	1.8
Ethanol	1.7	ND	3.0	ND
Methyl Chloride	ND	8.2J	ND	0.72J
Methyl Ethyl Ketone	1.5	590	16	53
Tetrachloroethene	22	6.8J	6.1	18
Tetrahydrofuran	4.1	1010	5.2	90
Toluene	ND	ND	ND	ND
Vinyl Chloride	1.5	ND	ND	ND

VZ-12D
Well Screen Interval: 43.5 to 48.5 ft bgs

Parameter	*4/21/2011*	*11/6/2012*	*2/6/2013*	*5/2/2013*
Acetone	3.2	738	810	352J
Carbon Disulfide	1.7	ND	54J	75
Ethanol	1.3	ND	195	122J
Methyl Chloride	0.56	ND	ND	42J
Methyl Ethyl Ketone	1.6	14,800	1,830	2,440
Tetrachloroethene	19	ND	ND	27J
Tetrahydrofuran	3.9	24,200	4,360	6,910
Toluene	0.23J	ND	321	32
Vinyl Chloride	ND	ND	ND	ND

Notes:

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

TABLE 3

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

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

VZ-17D
Well Screen Interval: 33.0 to 38.0 ft bgs

Parameter	*4/21/2011*	*11/6/2012*	*2/6/2013*	*5/2/2013*
Acetone	16	39	2.2	2.0J
Carbon Disulfide	1.5	23	17	33
Ethanol	8.9	1.0	2.7	ND
Methyl Chloride	0.6	9.6	9.3	17J
Methyl Ethyl Ketone	6.9	35	16	0.72
Tetrachloroethene	16	15	14	19
Tetrahydrofuran	8.5	27	29	6.3
Toluene	0.71	0.27J	ND	0.24J
Vinyl Chloride	0.37J	2.2	2.4	2.4J

Notes:

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

ATTACHMENT 1

CONESTOGA-ROVERS & ASSOCIATES

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MEMORANDUM

TO: Klaus Schmidtke

REF. NO.: 006883

FROM: Kathleen Willy/bjw/5

DATE: June 19, 2013
REVISION: June 24, 2013

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

E-Mail and Hard Copy if Requested

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 April and May 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.

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), and matrix spike samples (MS); 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 quality assurance/quality control (QA/QC) criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and 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 ii and iii will subsequently be referred to as the "Guidelines" in this Memorandum.

Full Contract Laboratory Program (CLP) equivalent raw data deliverables were provided by the laboratory. The data quality assessment and validation presented in the following subsections were performed based on the sample results, supporting quality assurance/quality control (QA/QC) and all raw data provided.

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 analyzed within the required holding times.

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

GAS CHROMATOGRAPHY/MASS SPECTROMETER (GC/MS) – TUNING AND MASS CALIBRATION (INSTRUMENT PERFORMANCE CHECK)

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 throughout sample analysis to ensure the continued optimization of the instrument.

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

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 was reviewed. All compounds met the above criteria for linearity. Acceptable sensitivity was achieved for all compounds of interest with the exception of acetone and 2-butanone which yielded a response factor of <0.05. All associated positive sample results were qualified as estimated. All associated sample results that were non-detect were rejected due to poor analytical efficiency (see Table 4).

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:

Analytical Method	*Parameter*	*Control Limits*
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.

CONTINUING CALIBRATION - ORGANIC ANALYSES

GC/MS

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

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.

Calibration standards were analyzed at the required frequency, and the results met the above criteria for instrument sensitivity. All compounds of interest met instrument linearity requirements with the exception of some VOCs which showed some variability. Associated sample results have been qualified as estimated (see Table 5).

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.

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 one per 20 investigative samples and/or one 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 with the exception of TOC. Associated sample results with concentration similar to that found in the method blank were qualified as non-detect (see Table 6). Sample results that were either non-detect or significantly greater that that found in the method blank would not have been affected and no qualification of the data was necessary.

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 determination 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.

INTERNAL STANDARDS (IS) ANALYSES

Internal standard data were evaluated for all VOC sample analyses.

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

The sample internal standard results were evaluated against the following criteria:

i) The retention time of the internal standard must not vary more than ±30 seconds from the associated calibration standard.

ii) Internal standard area counts must not vary by more than a factor of two (-50 percent to +100 percent) from the associated calibration standard.

All VOC internal standard recoveries and retention times met the above criteria.

LABORATORY CONTROL SAMPLE (LCS) 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 LCS/LCSD were analyzed at a minimum frequency of one per 20 investigative samples and/or one per analytical batch.

Organic Analyses

The LCS/LCSD contained all compounds of interest. All LCS recoveries and relative percent differences were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision with the exception of some high VOC recoveries. Associated positive sample results were qualified as estimated to reflect the implied high bias (see Table 7). Associated non-detect results would not have been impacted and no qualification of the data was necessary.

Inorganic Analyses

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

MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSES – ORGANIC 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.

MS/MSD analyses were not requested for this sampling event. The laboratory performed some site-specific MS/MSD analyses internally.

Organic Analyses

The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision with the exception of some high VOC RPD values. Positive sample results were qualified as estimated based on the indicated variability (see Table 8).

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.

MATRIX SPIKE (MS) ANALYSES – INORGANIC ANALYSES

To evaluate the effects of sample matrices on the preparation, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS samples. For this study, MS samples were not requested. The laboratory performed additional site-specific MS analyses internally.

The MS results were evaluated per the "Guidelines". In accordance with the "Guidelines", MS recoveries for samples with analyte concentrations significantly greater than the spike concentrations could not be assessed.

All MS analyses performed were acceptable, demonstrating acceptable analytical accuracy.

DUPLICATE SAMPLE ANALYSES – INORGANIC ANALYSES

Analytical precision is evaluated based on the analysis of laboratory duplicate samples. For this study, duplicate samples were prepared and analyzed by the laboratory internally. The duplicate results were evaluated per the "Guidelines".

All duplicate analyses performed were acceptable, demonstrating acceptable analytical precision.

FIELD QA/QC SAMPLES

The field QA/QC consisted of eight trip blank samples, two field blank samples, and one field duplicate sample set.

Trip Blank Sample Analysis

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

Field Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the site, and cleanliness of sample containers, two field 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 toluene. Associated sample results similar to that found in the field blank were qualified as non-detect (see Table 9). Sample results that were either non-detect or significantly greater than that found in the field blank were not impacted and no qualification of the data was necessary.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, one field duplicate sample was collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water. If the reported concentration in either the investigative sample or its duplicate is less than five times the practical quantitation limit (PQL), the evaluation criteria is one times the PQL value for water.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

TENTATIVELY IDENTIFIED COMPOUNDS (TICS)

Chromatographic peaks recorded during VOC sample analyses that are not target compounds, surrogates, or internal standards, are potential TICs.

A summary of the TICs reported by the laboratory is presented in Table 10. 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.

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.

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.

CONCLUSION

Based on this assessment of the information provided, the data produced by Mitkem Laboratories were found to exhibit acceptable levels of accuracy and precision and may be used with the qualifications noted with the exception of the following:

- VOC non-detect data were rejected in a number of samples due to insufficient initial calibration response factors.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

					Analysis/Parameters							
Sample Identification	***Location***	***Matrix***	***Collection Date (mm/dd/yyyy)***	***Collection Time (hr:min)***	***Ammonia***	***Nitrate, Nitrite***	***Methane***	***Phosphorous***	***VOCs***	***TOC***	***TO 15***	***Comments***
GW41113VW001	Field Blank	Water	4/11/2013	11:30					X			Field Blank
TRIP BLANK	Trip Blank	Water	4/11/2013	4/11/2013					X			Trip Blank
GW42413MY002	MW-92D1	Water	4/24/2013	09:40	X	X		X	X	X		
GW42413MY003	MW-92D2	Water	4/24/2013	10:10	X	X		X	X	X		
GW42413MY004	MW-92D2	Water	4/24/2013	10:10	X	X		X	X	X		Field duplicate of sample GW42413MY003
GW42413MY005	MW-93D1	Water	4/24/2013	10:42	X	X		X	X	X		
GW42413MY006	MW-93D2	Water	4/24/2013	11:15	X	X		X	X	X		
GW42413MY007	MW-76S	Water	4/24/2013	13:25	X	X		X	X	X		
GW42413MY008	MW-76I	Water	4/24/2013	13:50	X	X		X	X	X		
TB	Trip Blank	Water	4/25/2013	4/25/2013					X			Trip Blank
GW42513MY009	MW-67S	Water	4/25/2013	10:20	X	X		X	X	X		
GW42513MY010	MW-67D	Water	4/25/2013	10:40	X	X			X	X		
GW42513MY011	MW-68S	Water	4/25/2013	11:15	X	X		X	X	X		
GW42513MY012	MW-68D	Water	4/25/2013	11:40	X	X		X	X	X		
GW42513MY013	MW-66D2	Water	4/25/2013	12:50	X	X		X	X	X		
TB042513	Trip Blank	Water	4/25/2013	4/25/2013					X			Trip Blank
GW42613MY014	MW-70D1	Water	4/26/2013	09:50	X	X		X	X	X		
GW42613MY015	MW-70D2	Water	4/26/2013	10:25	X	X		X	X	X		
GW42613MY016	MW-77D1	Water	4/26/2013	11:13	X	X		X	X	X		
GW42613MY017	MW-77D2	Water	4/26/2013	11:35	X	X		X	X	X		

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

					Analysis/Parameters							
Sample Identification	*Location*	*Matrix*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Ammonia*	*Nitrate, Nitrite*	*Methane*	*Phosphorous*	*VOCs*	*TOC*	*TO 15*	*Comments*
TB042613	Trip Blank	Water	4/26/2013	4/26/2013					X			Trip Blank
GW42913MY018	MW-86D1	Water	4/29/2013	10:58	X	X		X	X	X		
GW42913MY019	MW-86D2	Water	4/29/2013	11:20	X	X		X	X	X		
GW42913MY020	MW-58D2	Water	4/29/2013	11:50	X	X		X	X	X		
GW42913MY021	MW-89D1	Water	4/29/2013	12:45	X	X		X	X	X		
GW42913MY022	MW-89D2	Water	4/29/2013	13:20	X	X		X	X	X		
TB042913	Trip Blank	Water	4/29/2013	4/29/2013					X			Trip Blank
GW43013MY023	Field Blank	Water	4/30/2013	14:00	X	X		X	X	X		Field Blank
GW43013MY024	MW-60D	Water	4/30/2013	10:00	X	X		X	X	X		
GW43013MY025	MW-85S	Water	4/30/2013	10:30	X	X		X	X	X		
GW43013MY026	MW-85I	Water	4/30/2013	10:45	X	X		X	X	X		
GW43013MY027	MW-85D2	Water	4/30/2013	11:00	X	X		X	X	X		
GW43013MY028	MW-85D1	Water	4/30/2013	11:15	X	X		X	X	X		
GW43013MY029	MW-75D1	Water	4/30/2013	12:15	X	X		X	X	X		
GW43013MY030	MW-75D2	Water	4/30/2013	12:25	X	X		X	X	X		
GW43013MY031	MW-76D1	Water	4/30/2013	12:50	X	X		X	X	X		
GW43013MY032	MW-76D2	Water	4/30/2013	13:00	X	X		X	X	X		
GW43013MY033	MW-90D1	Water	4/30/2013	13:15					X			
GW43013MY034	MW-90D2	Water	4/30/2013	13:25					X			
TB043013	Trip Blank	Water	4/30/2013	4/30/2013					X			Trip Blank

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

					Analysis/Parameters							
Sample Identification	*Location*	*Matrix*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Ammonia*	*Nitrate, Nitrite*	*Methane*	*Phosphorous*	*VOCs*	*TOC*	*TO 15*	*Comments*
GW5113VW035	MW-63D1	Water	5/1/2013	08:50	X	X		X	X	X		
GW5113VW036	MW-63D2	Water	5/1/2013	08:55	X	X		X	X	X		
GW5113VW037	MW-73D1	Water	5/1/2013	09:30	X	X		X	X	X		
GW5113VW038	MW-73D2	Water	5/1/2013	09:45	X	X		X	X	X		
GW5113VW039	MW-72D1	Water	5/1/2013	10:15	X	X		X	X	X		
GW5113VW040	MW-72D2	Water	5/1/2013	10:30	X	X		X	X	X		
GW5113VW041	MW-88D1	Water	5/1/2013	11:30	X	X		X	X	X		
GW5113VW042	MW-88D2	Water	5/1/2013	11:40	X	X		X	X	X		
GW5113VW043	MW-82D1	Water	5/1/2013	12:15	X	X		X	X	X		
GW5113VW044	MW-82D2	Water	5/1/2013	12:30	X	X		X	X	X		
GW5113VW045	MW-84D1	Water	5/1/2013	13:00	X	X		X	X	X		
GW5113VW046	MW-84D2	Water	5/1/2013	13:15	X	X		X	X	X		
GW5113VW047	MW-83D1	Water	5/1/2013	13:30	X	X		X	X	X		
GW5113VW048	MW-83D2	Water	5/1/2013	13:50	X	X		X	X	X		
TB5113	Trip Blank	Water	5/1/2013	5/1/2013					X			Trip Blank
GW5213VW049	MW-81D1	Water	5/2/2013	09:15					X			
GW5213VW050	MW-81D2	Water	5/2/2013	09:25	X	X		X	X	X		
GW5213VW051	MW-61D2	Water	5/2/2013	09:55	X	X		X	X	X		
GW5213VW052	MW-87D1	Water	5/2/2013	10:15					X			
GW5213VW053	MW-87D2	Water	5/2/2013	10:30	X	X		X	X	X		

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

					Analysis/Parameters							
Sample Identification	*Location*	*Matrix*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Ammonia*	*Nitrate, Nitrite*	*Methane*	*Phosphorous*	*VOCs*	*TOC*	*TO 15*	*Comments*
TB5213	Trip Blank	Water	5/2/2013	5/2/2013					X			Trip Blank
GW52313VW054	MW-58D	Water	5/23/2013	09:30	X	X		X	X	X		
GW52313VW055	MW-58D1	Water	5/23/2013	09:40	X	X		X	X	X		
GW52313VW056	MW-66I	Water	5/23/2013	10:00	X	X		X	X	X		
GW52313VW057	MW-66D1	Water	5/23/2013	10:15	X	X		X	X	X		
GW52313VW058	MW-60S	Water	5/23/2013	10:50	X	X		X	X	X		
GW52313VW059	MW-60I	Water	5/23/2013	11:00	X	X		X	X	X		
GW52313VW060	MW-60D1	Water	5/23/2013	11:20	X	X		X	X	X		
GW52313VW061	MW-63S	Water	5/23/2013	12:25	X	X		X	X	X		
GW52313VW062	MW-63I	Water	5/23/2013	12:30	X	X		X	X	X		
TB	Trip Blank	Water	5/23/2013	5/23/2013					X			Trip Blank
VZ5113VW001	VZ-2S	Soil Gas	5/1/2013	09:10			X				X	
VZ5113VW002	VZ-2D	Soil Gas	5/1/2013	09:20			X				X	
VZ5113VW003	VZ-6S	Soil Gas	5/1/2013	09:40			X				X	
VZ5113VW004	VZ-6D	Soil Gas	5/1/2013	09:55			X				X	
VZ5113VW005	VZ-1S	Soil Gas	5/1/2013	10:00			X				X	
VZ5113VW006	VZ-1D	Soil Gas	5/1/2013	10:15			X				X	
VZ5113VW007	VZ-5S	Soil Gas	5/1/2013	10:30			X				X	
VZ5113VW008	VZ-5D	Soil Gas	5/1/2013	10:45			X				X	
VZ5113VW009	VZ-4S	Soil Gas	5/1/2013	10:50			X				X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

					Analysis/Parameters							
Sample Identification	*Location*	*Matrix*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Ammonia*	*Nitrate, Nitrite*	*Methane*	*Phosphorous*	*VOCs*	*TOC*	*TO 15*	*Comments*
VZ5113VW010	VZ-4D	Soil Gas	5/1/2013	11:00			X				X	
VZ5213VW011	VZ-17S	Soil Gas	5/2/2013	10:55			X				X	
VZ5213VW012	VZ-17D	Soil Gas	5/2/2013	11:05			X				X	
VZ5213VW013	VZ-12S	Soil Gas	5/2/2013	11:15			X				X	
VZ5213VW014	VZ-12D	Soil Gas	5/2/2013	11:25			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
APRIL - MAY 2013

	Sample Location:	*VZ-1D*	*VZ-1S*	*VZ-2D*	*VZ-2S*	*VZ-4D*	*VZ-4S*	*VZ-5D*
	Sample ID:	*VZ5113VW006*	*VZ5113VW005*	*VZ5113VW002*	*VZ5113VW001*	*VZ5113VW010*	*VZ5113VW009*	*VZ5113VW008*
	Sample Date:	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*
Parameters	***Units***							
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
1,1,1-Trichloroethane	ppbv	10.0 U	0.280 J	0.240 J	0.210 J	5.00 U	0.230 J	1.44 J
1,1,2,2-Tetrachloroethane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
1,1,2-Trichloroethane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
1,1-Dichloroethane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
1,1-Dichloroethene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
1,2,4-Trichlorobenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
1,2,4-Trimethylbenzene	ppbv	10.0 U	0.230 J	0.280 J	0.360 J	5.00 U	0.300 J	2.00 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
1,2-Dichlorobenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
1,2-Dichloroethane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
1,2-Dichloropropane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
1,3,5-Trimethylbenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
1,3-Butadiene	ppbv	10.0 UJ	0.500 UJ	0.500 UJ	0.500 UJ	5.00 UJ	0.500 UJ	2.00 UJ
1,3-Dichlorobenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
1,4-Dichlorobenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
1,4-Dioxane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	10.0 U	0.410 J	9.46	0.500 U	5.60	15.9	8.00
2-Hexanone	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
2-Phenylbutane (sec-Butylbenzene)	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
4-Ethyl toluene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Acetone	ppbv	12.8 J	2.38 J	6.93 J	2.78 J	5.00 UJ	6.48 J	41.3 J
Acrylonitrile	ppbv	10.0 UJ	0.500 UJ	0.500 UJ	0.500 UJ	5.00 UJ	0.500 UJ	2.00 UJ
Benzene	ppbv	10.0 U	0.180 J	0.200 J	0.500 U	5.00 U	0.270 J	2.00 U

TABLE 2A

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

	Sample Location:	*VZ-1D*	*VZ-1S*	*VZ-2D*	*VZ-2S*	*VZ-4D*	*VZ-4S*	*VZ-5D*
	Sample ID:	*VZ5113VW006*	*VZ5113VW005*	*VZ5113VW002*	*VZ5113VW001*	*VZ5113VW010*	*VZ5113VW009*	*VZ5113VW008*
	Sample Date:	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*
Parameters	***Units***							
Volatile Organic Compounds (Continued)								
Benzyl chloride	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Bromodichloromethane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Bromoform	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Bromomethane (Methyl bromide)	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Carbon disulfide	ppbv	129	1.98	24.4	0.980	155	1.87	158
Carbon tetrachloride	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Chlorobenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Chloroethane	ppbv	23.0 J	0.500 UJ	2.20 J	0.500 UJ	4.60 J	0.500 UJ	26.1 J
Chloroform (Trichloromethane)	ppbv	10.0 U	0.500 U	0.920	0.500 U	5.00 U	0.500 U	2.00 U
Chloromethane (Methyl chloride)	ppbv	29.6 J	0.610 J	16.9 J	0.710 J	21.1 J	0.990 J	33.6 J
cis-1,2-Dichloroethene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
cis-1,3-Dichloropropene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Cyclohexane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Cymene (p-Isopropyltoluene)	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Dibromochloromethane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Dichlorodifluoromethane (CFC-12)	ppbv	10.0 U	0.550	0.970	0.550	5.00 U	0.530	2.00 U
Ethanol	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	6.19 J	2.00 U
Ethyl acetate	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	2.88 J	2.00 U
Ethylbenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Hexachlorobutadiene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Hexane	ppbv	10.0 U	0.500 U	1.02	0.500 U	5.00 U	3.15	2.00 U
Isopropyl alcohol	ppbv	10.0 U	1.95	1.70	0.500 U	5.00 U	3.39	2.00 U
Isopropyl benzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
m&p-Xylenes	ppbv	20.0 U	1.00 U	1.00 U	1.00 U	10.0 U	1.00 U	4.00 U
Methyl tert butyl ether (MTBE)	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Methylene chloride	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U

TABLE 2A

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

	Sample Location:	*VZ-1D*	*VZ-1S*	*VZ-2D*	*VZ-2S*	*VZ-4D*	*VZ-4S*	*VZ-5D*
	Sample ID:	*VZ5113VW006*	*VZ5113VW005*	*VZ5113VW002*	*VZ5113VW001*	*VZ5113VW010*	*VZ5113VW009*	*VZ5113VW008*
	Sample Date:	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*
Parameters	***Units***							
Volatile Organic Compounds (Continued)								
Naphthalene	ppbv	10.0 U	0.270 J	0.500 U	0.500 U	5.00 U	0.330 J	2.00 U
N-Butylbenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
N-Heptane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
o-Xylene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Propylene (propene)	ppbv	10.0 UJ	0.500 UJ	2.71 J	0.500 UJ	5.00 UJ	0.500 UJ	2.00 UJ
Styrene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Tetrachloroethene	ppbv	10.0 U	3.41	3.50	0.890	4.90 J	3.26	14.0
Tetrahydrofuran	ppbv	2810	17.5	5.13	0.500 U	1450	24.8	456
Toluene	ppbv	10.0 U	0.500 U	0.210 J	0.220 J	5.00 U	0.220 J	2.00 U
trans-1,2-Dichloroethene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
trans-1,3-Dichloropropene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	2.00 U
Trichloroethene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	5.00 U	0.500 U	0.880 J
Trichlorofluoromethane (CFC-11)	ppbv	10.0 U	0.870	0.850	1.14	5.00 U	0.550	2.00 U
Trifluorotrichloroethane (Freon 113)	ppbv	28.2	6.51	45.6	12.0	4.90 J	0.470 J	52.3
Vinyl chloride	ppbv	10.0 UJ	0.500 UJ	5.70 J	0.500 UJ	5.00 UJ	0.500 UJ	4.92 J
General Chemistry								
Methane	ppmv	10.0 U	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
APRIL - MAY 2013

	Sample Location:	*VZ-5S*	*VZ-6D*	*VZ-6S*	*VZ-12D*	*VZ-12S*	*VZ-17D*	*VZ-17S*
	Sample ID:	*VZ5113VW007*	*VZ5113VW004*	*VZ5113VW003*	*VZ5213VW014*	*VZ5213VW013*	*VZ5213VW012*	*VZ5213VW011*
	Sample Date:	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/2/2013*	*5/2/2013*	*5/2/2013*	*5/2/2013*
Parameters	***Units***							
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
1,1,1-Trichloroethane	ppbv	15.1 U	0.200 J	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
1,1,2,2-Tetrachloroethane	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
1,1,2-Trichloroethane	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
1,1-Dichloroethane	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
1,1-Dichloroethene	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
1,2,4-Trichlorobenzene	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
1,2,4-Trimethylbenzene	ppbv	15.1 U	0.780	0.470 J	30.8 U	0.260 J	0.240 J	0.240 J
1,2-Dibromoethane (Ethylene dibromide)	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
1,2-Dichlorobenzene	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
1,2-Dichloroethane	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
1,2-Dichloropropane	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
1,3,5-Trimethylbenzene	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
1,3-Butadiene	ppbv	15.1 UJ	0.500 UJ	0.500 UJ	30.8 UJ	0.500 UJ	0.500 UJ	0.500 UJ
1,3-Dichlorobenzene	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
1,4-Dichlorobenzene	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
1,4-Dioxane	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	1950	1.89	0.580	2440	53.0	0.720	0.640
2-Hexanone	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
2-Phenylbutane (sec-Butylbenzene)	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
4-Ethyl toluene	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	15.1 U	0.570	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Acetone	ppbv	882 J	22.4 J	2.56 J	352 J	4.34 J	2.03 J	3.39 J
Acrylonitrile	ppbv	15.1 UJ	0.500 UJ	0.500 UJ	30.8 UJ	0.500 UJ	0.500 UJ	0.500 UJ
Benzene	ppbv	15.1 U	0.370 J	0.270 J	30.8 U	1.32	1.31	1.62

TABLE 2A

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

	Sample Location:	*VZ-5S*	*VZ-6D*	*VZ-6S*	*VZ-12D*	*VZ-12S*	*VZ-17D*	*VZ-17S*
	Sample ID:	*VZ5113VW007*	*VZ5113VW004*	*VZ5113VW003*	*VZ5213VW014*	*VZ5213VW013*	*VZ5213VW012*	*VZ5213VW011*
	Sample Date:	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/2/2013*	*5/2/2013*	*5/2/2013*	*5/2/2013*
Parameters	***Units***							
Volatile Organic Compounds (Continued)								
Benzyl chloride	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Bromodichloromethane	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Bromoform	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Bromomethane (Methyl bromide)	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Carbon disulfide	ppbv	21.5	40.3	0.900	75.0	1.80	33.1	2.72
Carbon tetrachloride	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Chlorobenzene	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Chloroethane	ppbv	15.1 UJ	1.03 J	0.500 UJ	30.8 UJ	0.500 UJ	1.19 J	0.500 UJ
Chloroform (Trichloromethane)	ppbv	15.1 U	0.480 J	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Chloromethane (Methyl chloride)	ppbv	15.1 UJ	28.4 J	0.580 J	42.4 J	0.720 J	17.3 J	1.02 J
cis-1,2-Dichloroethene	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
cis-1,3-Dichloropropene	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Cyclohexane	ppbv	15.1 U	1.17	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Cymene (p-Isopropyltoluene)	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Dibromochloromethane	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Dichlorodifluoromethane (CFC-12)	ppbv	15.1 U	0.850	0.500	30.8 U	1.18	4.07	1.77
Ethanol	ppbv	15.1 U	8.00 J	0.500 U	122 J	0.500 U	0.500 U	0.500 U
Ethyl acetate	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Ethylbenzene	ppbv	15.1 U	0.500 U	0.200 J	30.8 U	0.500 U	0.500 U	0.500 U
Hexachlorobutadiene	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Hexane	ppbv	38.4	2.22	0.500 U	30.1 J	0.500 U	0.400 J	0.240 J
Isopropyl alcohol	ppbv	15.1 U	4.80	2.17	23.4 J	0.500 U	0.500 U	0.730
Isopropyl benzene	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
m&p-Xylenes	ppbv	30.2 U	0.950 J	1.03	61.5 U	1.00 U	1.00 U	1.00 U
Methyl tert butyl ether (MTBE)	ppbv	15.1 U	0.440 J	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Methylene chloride	ppbv	15.1 U	22.1	0.500 U	30.8 U	0.510	0.500 U	0.790

TABLE 2A

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

	Sample Location:	*VZ-5S*	*VZ-6D*	*VZ-6S*	*VZ-12D*	*VZ-12S*	*VZ-17D*	*VZ-17S*
	Sample ID:	*VZ5113VW007*	*VZ5113VW004*	*VZ5113VW003*	*VZ5213VW014*	*VZ5213VW013*	*VZ5213VW012*	*VZ5213VW011*
	Sample Date:	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/2/2013*	*5/2/2013*	*5/2/2013*	*5/2/2013*
Parameters	***Units***							
Volatile Organic Compounds (Continued)								
Naphthalene	ppbv	15.1 U	0.340 J	0.410 J	30.8 U	0.270 J	0.270 J	0.280 J
N-Butylbenzene	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
N-Heptane	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
o-Xylene	ppbv	15.1 U	0.370 J	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Propylene (propene)	ppbv	15.1 UJ	0.500 UJ	0.500 UJ	30.8 UJ	0.500 UJ	0.500 UJ	0.500 UJ
Styrene	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Tetrachloroethene	ppbv	7.26 J	7.63	0.750	27.1 J	18.3	19.2	9.85
Tetrahydrofuran	ppbv	4010	79.3	25.2	6910	89.6	6.28	31.8
Toluene	ppbv	21.2	0.780	1.21	32.0	0.500 U	0.240 J	0.500 U
trans-1,2-Dichloroethene	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
trans-1,3-Dichloropropene	ppbv	15.1 U	0.500 U	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Trichloroethene	ppbv	15.1 U	0.500	0.500 U	30.8 U	0.500 U	0.500 U	0.500 U
Trichlorofluoromethane (CFC-11)	ppbv	15.1 U	0.570	0.520	30.8 U	0.810	2.23	0.840
Trifluorotrichloroethane (Freon 113)	ppbv	15.1 U	36.1	3.01	30.8 U	1.22	4.43	1.54
Vinyl chloride	ppbv	15.1 UJ	0.990 J	0.500 UJ	30.8 UJ	0.500 UJ	2.41 J	0.500 UJ
General Chemistry								
Methane	ppmv	10.0 U	10.0 U	10.0 U	12.3 U	10.0 U	10.0 U	10.0 U

Notes:

J - Estimated concentration.
U - Not detected above 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
APRIL - MAY 2013

	Sample Location:	*MW-58D*	*MW-58D1*	*MW-58D2*	*MW-60D*	*MW-60D1*	*MW-60I*
	Sample ID:	*GW52313VW054*	*GW52313VW055*	*GW42913MY020*	*GW43013MY024*	*GW52313VW060*	*GW52313VW059*
	Sample Date:	*5/23/2013*	*5/23/2013*	*4/29/2013*	*4/30/2013*	*5/23/2013*	*5/23/2013*
Parameters	***Units***						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/L	4.7 J	1.4 J	1.3 J	5.0 U	5.0 U	2.4 J
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	1.1 J	0.95 J	0.98 J	3.9 J	1.9 J	4.0 J
1,1-Dichloroethene	µg/L	22	18	20	12	1.9 J	12
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	R	R	R	R	R	R
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	11 J	10 J	10 J	9.3 J	11 J	8.4 J
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	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	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	1.2 J	1.6 J	1.6 J	9.1	3.9 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	15 J	12 J	13	64	1.6 J	43
Toluene	µg/L	5.0 U	0.68 J	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	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
APRIL - MAY 2013

	Sample Location:	*MW-58D*	*MW-58D1*	*MW-58D2*	*MW-60D*	*MW-60D1*	*MW-60I*
	Sample ID:	*GW52313VW054*	*GW52313VW055*	*GW42913MY020*	*GW43013MY024*	*GW52313VW060*	*GW52313VW059*
	Sample Date:	*5/23/2013*	*5/23/2013*	*4/29/2013*	*4/30/2013*	*5/23/2013*	*5/23/2013*
Parameters	***Units***						
Volatile Organic Compounds (Continued)							
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	110	73	74	99	26	200
Vinyl chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	0.66 J	5.0 U	5.0 U
General Chemistry							
Ammonia-N	mg/L	1.79	1.84	1.93	1.28	3.69	0.837
Nitrate (as N)	mg/L	2.40	1.55	0.252	0.250 U	1.00 U	5.00 U
Nitrite (as N)	mg/L	1.00 U	1.00 U	0.0100 U	0.250 U	1.00 U	5.00 U
Phosphorus	mg/L	0.06	0.03	0.041	0.14	0.05	0.05
Total organic carbon (TOC)	mg/L	1.26 U	1.29 U	1.00 U	3.59	2.94	2.69

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

	Sample Location:	*MW-60S*	*MW-61D2*	*MW-63D1*	*MW-63D2*	*MW-63I*	*MW-63S*
	Sample ID:	*GW52313VW058*	*GW5213VW051*	*GW5113VW035*	*GW5113VW036*	*GW52313VW062*	*GW52313VW061*
	Sample Date:	*5/23/2013*	*5/2/2013*	*5/1/2013*	*5/1/2013*	*5/23/2013*	*5/23/2013*
Parameters	***Units***						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/L	1.8 J	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	3.6 J	0.92 J	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	9.1	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	R	R	5.0 UJ	14 J	R	R
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	10 J	5.3 J	10 J	12 J	11 J	11 J
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	1.6 J	1.6 J	2.7 J	4.0 J
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	4.9 J	7.8	2.2 J	2.5 J	3.2 J	3.7 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	45	30	17	21	7.9	10
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	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
APRIL - MAY 2013

	Sample Location:	*MW-60S*	*MW-61D2*	*MW-63D1*	*MW-63D2*	*MW-63I*	*MW-63S*
	Sample ID:	*GW52313VW058*	*GW5213VW051*	*GW5113VW035*	*GW5113VW036*	*GW52313VW062*	*GW52313VW061*
	Sample Date:	*5/23/2013*	*5/2/2013*	*5/1/2013*	*5/1/2013*	*5/23/2013*	*5/23/2013*
Parameters	***Units***						
Volatile Organic Compounds (Continued)							
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	150	120	3.4 J	4.0 J	5.5	7.8
Vinyl chloride	µg/L	5.0 U	13	13	13	29	76
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
General Chemistry							
Ammonia-N	mg/L	1.23	1.78	0.100 U	0.100 U	0.100 U	0.100 U
Nitrate (as N)	mg/L	1.00 U	0.965	0.255	0.235	1.00 U	1.00 U
Nitrite (as N)	mg/L	1.00 U	0.250 U	0.100 U	0.100 U	1.00 U	1.00 U
Phosphorus	mg/L	0.10	0.030 U	0.030 U	0.030 U	0.03	0.03
Total organic carbon (TOC)	mg/L	2.36 U	0.822 J	1.23	1.32	2.38	2.56

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

	Sample Location:	*MW-66D2*	*MW-67D*	*MW-67S*	*MW-68D*	*MW-68S*	*MW-70D1*
	Sample ID:	*GW42513MY013*	*GW42513MY010*	*GW42513MY009*	*GW42513MY012*	*GW42513MY011*	*GW42613MY014*
	Sample Date:	*4/25/2013*	*4/25/2013*	*4/25/2013*	*4/25/2013*	*4/25/2013*	*4/26/2013*
Parameters	***Units***						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/L	0.67 J	5.0 U	5.0 U	5.0 U	0.54 J	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	1.8 J	0.66 J	0.92 J	1.2 J	3.7 J	5.0 U
1,1-Dichloroethene	µg/L	0.91 J	5.0 U	5.0 U	0.69 J	9.3	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	R	R	R	R	R	R
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 UJ
Acetone	µg/L	8.5 J	9.0 J	9.8 J	8.4 J	9.0 J	11 J
Benzene	µg/L	5.0 U	5.0 U	1.9 J	5.0 U	1.0 J	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 UJ
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	2.7 J	5.0 U	1.1 J	5.0 U
Chloroethane	µg/L	5.0 U	5.0 U	14	5.0 U	38	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	2.1 J	2.1 J	20	3.9 J	270	1.1 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	100	8.6	2.8 J	36	11	6.4
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	0.62 J	5.0 U
trans-1,2-Dichloroethene	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
APRIL - MAY 2013

	Sample Location:	*MW-66D2*	*MW-67D*	*MW-67S*	*MW-68D*	*MW-68S*	*MW-70D1*
	Sample ID:	*GW42513MY013*	*GW42513MY010*	*GW42513MY009*	*GW42513MY012*	*GW42513MY011*	*GW42613MY014*
	Sample Date:	*4/25/2013*	*4/25/2013*	*4/25/2013*	*4/25/2013*	*4/25/2013*	*4/26/2013*
Parameters	***Units***						
Volatile Organic Compounds (Continued)							
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	110	32	19	160	27	2.0 J
Vinyl chloride	µg/L	5.0 U	5.0 U	140	1.3 J	940	26
Xylenes (total)	µg/L	5.0 U	5.0 U	0.88 J	5.0 U	0.79 J	5.0 U
General Chemistry							
Ammonia-N	mg/L	3.68	-	0.119	2.77	0.350	0.245
Nitrate (as N)	mg/L	3.38	-	0.250 U	5.70	0.250 U	0.250 U
Nitrite (as N)	mg/L	0.0100 U	-	0.0100 U	0.0100 U	0.0100 U	0.250 U
Phosphorus	mg/L	0.38	-	0.030 U	0.11	0.070	0.030 U
Total organic carbon (TOC)	mg/L	5.66 J	-	0.755 J	1.00 U	1.00 U	1.01

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

Sample Location:	*MW-70D2*	*MW-72D1*	*MW-72D2*	*MW-73D1*	*MW-73D2*	*MW-75D1*
Sample ID:	*GW42613MY015*	*GW5113VW039*	*GW5113VW040*	*GW5113VW037*	*GW5113VW038*	*GW43013MY029*
Sample Date:	*4/26/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*	*4/30/2013*
Parameters	***Units***					
Volatile Organic Compounds						
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	R	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	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 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	11 J	6.2 J	6.6 J	7.2 J	7.1 J	8.9 J
Benzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.91 J
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 UJ	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	5.3 J	5.0 U	5.0 U	5.0 U	2.0 J	11
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	7.9	5.0 U	37	5.0 U	2.2 J	29
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	51	1.3 J	540	5.0 U	26	25
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	0.88 J	5.0 U	5.0 U	5.0 U

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

	Sample Location:	*MW-70D2*	*MW-72D1*	*MW-72D2*	*MW-73D1*	*MW-73D2*	*MW-75D1*
	Sample ID:	*GW42613MY015*	*GW5113VW039*	*GW5113VW040*	*GW5113VW037*	*GW5113VW038*	*GW43013MY029*
	Sample Date:	*4/26/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*	*4/30/2013*
Parameters	***Units***						
Volatile Organic Compounds (Continued)							
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	12	1.0 J	16	5.0 U	12	7.0
Vinyl chloride	µg/L	4.2 J	0.99 J	5.0 U	5.0 U	16	510
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.84 J
General Chemistry							
Ammonia-N	mg/L	0.203	0.167	1.80	0.263	0.522	0.251
Nitrate (as N)	mg/L	0.250 U	0.250 U	0.648	0.250 U	0.224 J	0.250 U
Nitrite (as N)	mg/L	0.250 U	0.250 U	0.250 U	0.250 U	0.250 U	0.250 U
Phosphorus	mg/L	0.030 U	0.030 U	0.032	0.030 U	0.030 U	0.030 U
Total organic carbon (TOC)	mg/L	113 J	1.72	1.25	5.51	1.12	1.96

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

	Sample Location:	*MW-75D2*	*MW-76D1*	*MW-76D2*	*MW-76I*	*MW-76S*	*MW-77D1*
	Sample ID:	*GW43013MY030*	*GW43013MY031*	*GW43013MY032*	*GW42413MY008*	*GW42413MY007*	*GW42613MY016*
	Sample Date:	*4/30/2013*	*4/30/2013*	*4/30/2013*	*4/24/2013*	*4/24/2013*	*4/26/2013*
Parameters	***Units***						
Volatile Organic Compounds							
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	0.73 J	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	R	R	R	R	R
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 UJ
Acetone	µg/L	7.7 J	7.5 J	7.7 J	11 J	9.0 J	12 J
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 UJ
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	0.62 J	5.0 U	5.0 U
Chloroethane	µg/L	9.5	5.0 U	9.9	4.4 J	5.0 U	2.2 J
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	44	0.89 J	6.6	16	21	5.0 U
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 UJ	5.0 UJ	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	47	6.4	51	5.0 U	5.0 U	4.1 J
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	0.95 J	5.0 U	5.0 U

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

	Sample Location:	*MW-75D2*	*MW-76D1*	*MW-76D2*	*MW-76I*	*MW-76S*	*MW-77D1*
	Sample ID:	*GW43013MY030*	*GW43013MY031*	*GW43013MY032*	*GW42413MY008*	*GW42413MY007*	*GW42613MY016*
	Sample Date:	*4/30/2013*	*4/30/2013*	*4/30/2013*	*4/24/2013*	*4/24/2013*	*4/26/2013*
Parameters	***Units***						
Volatile Organic Compounds (Continued)							
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	58	1.1 J	12	5.0 U	5.0 U	1.0 J
Vinyl chloride	µg/L	530	17	19	50	5.9	17
Xylenes (total)	µg/L	0.68 J	5.0 U	5.0 U	0.70 J	5.0 U	5.0 U
General Chemistry							
Ammonia-N	mg/L	0.555	0.252	0.262	0.286	0.348	0.611
Nitrate (as N)	mg/L	0.250 U	0.250 U	0.250 U	0.250 U	0.250 U	0.250 U
Nitrite (as N)	mg/L	0.250 U	0.250 U	0.250 U	0.250 U	0.250 U	0.250 U
Phosphorus	mg/L	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U
Total organic carbon (TOC)	mg/L	2.25	1.02 U	1.80 U	160 U	1.81	8.80

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

	Sample Location:	*MW-77D2*	*MW-81D1*	*MW-81D2*	*MW-82D1*	*MW-82D2*	*MW-83D1*
	Sample ID:	*GW42613MY017*	*GW5213VW049*	*GW5213VW050*	*GW5113VW043*	*GW5113VW044*	*GW5113VW047*
	Sample Date:	*4/26/2013*	*5/2/2013*	*5/2/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*
Parameters	***Units***						
Volatile Organic Compounds							
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	0.75 J	0.72 J	2.7 J	1.5 J	0.56 J
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.4 J
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	R	R	R	5.0 UJ	5.0 UJ	5.0 UJ
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 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	9.6 J	6.0 J	7.0 J	6.6 J	6.6 J	6.3 J
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 UJ	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	2.8 J	6.4	5.0 U	5.4	5.0 U	1.9 J
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.58 J
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	2.2 J	18	5.1	3.4 J	0.70 J	12
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	10	44	1.9 J	14	7.5	30
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	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
APRIL - MAY 2013

	Sample Location:	*MW-77D2*	*MW-81D1*	*MW-81D2*	*MW-82D1*	*MW-82D2*	*MW-83D1*
	Sample ID:	*GW42613MY017*	*GW5213VW049*	*GW5213VW050*	*GW5113VW043*	*GW5113VW044*	*GW5113VW047*
	Sample Date:	*4/26/2013*	*5/2/2013*	*5/2/2013*	*5/1/2013*	*5/1/2013*	*5/1/2013*
Parameters	***Units***						
Volatile Organic Compounds (Continued)							
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	7.4	190	11	18	5.0 J	290
Vinyl chloride	µg/L	150	5.0 U	5.0 U	41	5.0 U	1.4 J
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
General Chemistry							
Ammonia-N	mg/L	0.301	-	1.93	0.100 U	2.68	0.100 U
Nitrate (as N)	mg/L	0.250 U	-	0.342	0.119	1.42	2.90
Nitrite (as N)	mg/L	0.250 U	-	0.250 U	0.100 U	0.250 U	0.100 U
Phosphorus	mg/L	0.030 U	-	0.030 U	0.030 U	0.030 U	0.038
Total organic carbon (TOC)	mg/L	0.628 J	-	1.21	1.00 U	1.00 U	1.11 U

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

	Sample Location:	*MW-83D2*	*MW-84D1*	*MW-84D2*	*MW-85D1*	*MW-85D2*	*MW-85I*
	Sample ID:	*GW5113VW048*	*GW5113VW045*	*GW5113VW046*	*GW43013MY028*	*GW43013MY027*	*GW43013MY026*
	Sample Date:	*5/1/2013*	*5/1/2013*	*5/1/2013*	*4/30/2013*	*4/30/2013*	*4/30/2013*
Parameters	***Units***						
Volatile Organic Compounds							
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	1.9 J	1.2 J	3.3 J	2.5 J	5.0 U
1,1-Dichloroethene	µg/L	5.0 U	0.62 J	0.78 J	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	R	5.0 UJ	5.0 UJ	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	5.8 J	6.5 J	6.5 J	7.9 J	8.8 J	9.8 J
Benzene	µg/L	5.0 U	5.0 U	5.0 U	0.53 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	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	3.9 J	2.3 J	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	6.1	1.6 J	5.7	2.5 J	5.2	5.0 U
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	28	81	50	15	9.2	1.7 J
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	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
APRIL - MAY 2013

	Sample Location:	*MW-83D2*	*MW-84D1*	*MW-84D2*	*MW-85D1*	*MW-85D2*	*MW-85I*
	Sample ID:	*GW5113VW048*	*GW5113VW045*	*GW5113VW046*	*GW43013MY028*	*GW43013MY027*	*GW43013MY026*
	Sample Date:	*5/1/2013*	*5/1/2013*	*5/1/2013*	*4/30/2013*	*4/30/2013*	*4/30/2013*
Parameters	***Units***						
Volatile Organic Compounds (Continued)							
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	74	29	170	14	21	0.68 J
Vinyl chloride	µg/L	5.0 U	5.0 U	5.0 U	1.4 J	25	5.0 U
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	0.51 J	5.0 U	5.0 U
General Chemistry							
Ammonia-N	mg/L	0.100 U	0.100 U	0.546	0.100 U	0.131	0.153
Nitrate (as N)	mg/L	4.94	4.49	1.83	0.250 U	0.240 J	0.250 U
Nitrite (as N)	mg/L	0.100 U	0.100 U	0.250 U	0.250 U	0.250 U	0.250 U
Phosphorus	mg/L	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U
Total organic carbon (TOC)	mg/L	1.00 U	1.00 U	1.00 U	1.18 U	1.13 U	1.00 U

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

	Sample Location:	*MW-85S*	*MW-86D1*	*MW-86D2*	*MW-87D1*	*MW-87D2*	*MW-88D1*
	Sample ID:	*GW43013MY025*	*GW42913MY018*	*GW42913MY019*	*GW5213VW052*	*GW5213VW053*	*GW5113VW041*
	Sample Date:	*4/30/2013*	*4/29/2013*	*4/29/2013*	*5/2/2013*	*5/2/2013*	*5/1/2013*
Parameters	***Units***						
Volatile Organic Compounds							
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	0.95 J	0.74 J	1.4 J	5.0 U
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	1.6 J	0.78 J	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	R	R	R	R	R
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 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U
Acetone	µg/L	10 J	12 J	10 J	6.7 J	7.0 J	7.2
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 UJ	5.0 UJ	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	0.83 J
Chloroethane	µg/L	5.0 U	3.9 J	5.0 U	5.0 U	5.0 U	5.8
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	5.0 U	4.0 J	51	15	12	3.2 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	1.0 J	6.0	17	43	35	5.4
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	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
APRIL - MAY 2013

	Sample Location:	*MW-85S*	*MW-86D1*	*MW-86D2*	*MW-87D1*	*MW-87D2*	*MW-88D1*
	Sample ID:	*GW43013MY025*	*GW42913MY018*	*GW42913MY019*	*GW5213VW052*	*GW5213VW053*	*GW5113VW041*
	Sample Date:	*4/30/2013*	*4/29/2013*	*4/29/2013*	*5/2/2013*	*5/2/2013*	*5/1/2013*
Parameters	***Units***						
Volatile Organic Compounds (Continued)							
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	5.0 U	1.5 J	320	160	170	6.8
Vinyl chloride	µg/L	5.0 U	62	0.51 J	1.4 J	5.0 U	0.92 J
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
General Chemistry							
Ammonia-N	mg/L	0.138	0.725	1.09	-	0.100 U	0.100 U
Nitrate (as N)	mg/L	0.250 U	0.250 U	4.20	-	4.59	0.148
Nitrite (as N)	mg/L	0.250 U	0.0100 U	0.0100 U	-	0.100 U	0.100 U
Phosphorus	mg/L	0.030 U	0.030 U	0.030 U	-	0.030 U	0.030 U
Total organic carbon (TOC)	mg/L	1.00 U	5.42	2.19	-	0.642 J	1.40 U

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

Sample Location:	*MW-88D2*	*MW-89D1*	*MW-89D2*	*MW-90D1*	*MW-90D2*
Sample ID:	*GW5113VW042*	*GW42913MY021*	*GW42913MY022*	*GW43013MY033*	*GW43013MY034*
Sample Date:	*5/1/2013*	*4/29/2013*	*4/29/2013*	*4/30/2013*	*4/30/2013*
Parameters	***Units***				
Volatile Organic Compounds					
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	2.7 J	1.3 J	4.3 J	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	5.0 U	0.71 J	0.80 J	0.81 J	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 UJ	R	R	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 UJ	5.0 U	5.0 U	5.0 U
Acetone	µg/L	6.6 J	12 J	22 J	6.0 J	6.3 J
Benzene	µg/L	5.0 U	2.5 J	1.2 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 UJ	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	3.7 J	1.0 J	5.0 U	5.0 U
Chloroethane	µg/L	5.4	6.6 J	4.3 J	5.5	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	3.2 J	79	42	58	5.8
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	12	1.2 J	3.9 J	57
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	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
APRIL - MAY 2013

	Sample Location:	*MW-88D2*	*MW-89D1*	*MW-89D2*	*MW-90D1*	*MW-90D2*
	Sample ID:	*GW5113VW042*	*GW42913MY021*	*GW42913MY022*	*GW43013MY033*	*GW43013MY034*
	Sample Date:	*5/1/2013*	*4/29/2013*	*4/29/2013*	*4/30/2013*	*4/30/2013*
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	17 J	8.3	1.9 J	2.3 J	25
Vinyl chloride	µg/L	38 J	60	26	780	1.8 J
Xylenes (total)	µg/L	5.0 U	2.1 J	5.0 U	1.3 J	5.0 U
General Chemistry						
Ammonia-N	mg/L	2.48	0.100 U	0.163	-	-
Nitrate (as N)	mg/L	0.129	0.250 U	0.250 U	-	-
Nitrite (as N)	mg/L	0.100 U	0.0100 U	0.0100 U	-	-
Phosphorus	mg/L	0.030 U	0.030 U	0.030 U	-	-
Total organic carbon (TOC)	mg/L	0.956 J	9.49	7.13	-	-

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

Sample Location:		*MW-92D1*	*MW-92D2*	*MW-92D2*	*MW-93D1*	*MW-93D2*
Sample ID:		*GW42413MY002*	*GW42413MY003*	*GW42413MY004*	*GW42413MY005*	*GW42413MY006*
Sample Date:		*4/24/2013*	*4/24/2013*	*4/24/2013 (Duplicate)*	*4/24/2013*	*4/24/2013*
Parameters	***Units***					
Volatile Organic Compounds						
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	0.51 J
1,1-Dichloroethene	µg/L	5.0 U	0.51 J	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	R	R	R	R	R
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	15 J	17 J	17 J	16 J	15 J
Benzene	µg/L	0.91 J	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	3.1 J	5.0 U	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	6.2	16	15	3.1 J	2.9 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 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	3.7 J	280	280	14	24
Toluene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	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
APRIL - MAY 2013

	Sample Location:	*MW-92D1*	*MW-92D2*	*MW-92D2*	*MW-93D1*	*MW-93D2*
	Sample ID:	*GW42413MY002*	*GW42413MY003*	*GW42413MY004*	*GW42413MY005*	*GW42413MY006*
	Sample Date:	*4/24/2013*	*4/24/2013*	*4/24/2013 (Duplicate)*	*4/24/2013*	*4/24/2013*
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	6.2	17	17	4.5 J	21
Vinyl chloride	µg/L	79	5.0 U	5.0 U	20	5.0 U
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
General Chemistry						
Ammonia-N	mg/L	0.476	1.23	1.18	0.296	1.07
Nitrate (as N)	mg/L	0.250 U	0.250 U	0.250 U	0.500 U	0.500 U
Nitrite (as N)	mg/L	0.250 U	0.250 U	0.250 U	0.500 U	0.500 U
Phosphorus	mg/L	0.030 U	0.053	0.039	0.10	0.030 U
Total organic carbon (TOC)	mg/L	0.622 J	1.00 U	1.00 U	1.63 U	400 U

Notes:

J - Estimated concentration.
R - Rejected.
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
APRIL - MAY 2013

Parameter	*Method*	*Matrix*	*Holding Time*	
			Collection to Extraction (Days)	*Collection or Extraction to Analysis (Days)*
TCL VOC	SW-846 8260 [1]	Water	-	14
Ammonia	E350.1	Water	-	28
Phosphorous	SM 4500P [2]	Water	-	28
Nitrate, Nitrite	E353.2	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

TCL Target compound list.

VOC Volatile organic compound.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

Parameter	*Analyte*	*Calibration Date*	*% RSD*	*RRF*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	2-Butanone	04/17/13	-	0.038	GW42413MY002	R	µg/L
					GW42413MY003	R	µg/L
					GW42413MY004	R	µg/L
					GW42413MY005	R	µg/L
					GW42413MY006	R	µg/L
					GW42413MY007	R	µg/L
					GW42413MY008	R	µg/L
					GW42513MY009	R	µg/L
					GW42513MY010	R	µg/L
					GW42513MY011	R	µg/L
					GW42513MY012	R	µg/L
					GW42513MY013	R	µg/L
					GW42613MY014	R	µg/L
					GW42613MY015	R	µg/L
					GW42613MY016	R	µg/L
					GW42613MY017	R	µg/L
					GW42913MY018	R	µg/L
					GW42913MY019	R	µg/L
					GW42913MY020	R	µg/L
					GW42913MY021	R	µg/L
					GW42913MY022	R	µg/L
VOCs	Acetone	04/17/13	-	0.039	GW42413MY002	15 J	µg/L
					GW42413MY003	17 J	µg/L
					GW42413MY004	17 J	µg/L
					GW42413MY005	16 J	µg/L
					GW42413MY006	15 J	µg/L
					GW42413MY007	9.0 J	µg/L

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

Parameter	*Analyte*	*Calibration Date*	*% RSD*	*RRF*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Acetone	04/17/13	-	0.039	GW42413MY008	11 J	µg/L
					GW42513MY009	9.8 J	µg/L
					GW42513MY010	9.0 J	µg/L
					GW42513MY011	9.0 J	µg/L
					GW42513MY012	8.4 J	µg/L
					GW42513MY013	8.5 J	µg/L
					GW42613MY014	11 J	µg/L
					GW42613MY015	11 J	µg/L
					GW42613MY016	12 J	µg/L
					GW42613MY017	9.6 J	µg/L
					GW42913MY018	12 J	µg/L
					GW42913MY019	10 J	µg/L
					GW42913MY020	10 J	µg/L
					GW42913MY021	12 J	µg/L
					GW42913MY022	22 J	µg/L
VOCs	2-Butanone	05/14/13	-	0.025	GW5113VW048	R	µg/L
					GW5213VW049	R	µg/L
					GW5213VW050	R	µg/L
					GW5213VW051	R	µg/L
					GW5213VW052	R	µg/L
					GW5213VW053	R	µg/L
VOCs	Acetone	05/14/13	-	0.039	GW5113VW048	5.8 J	µg/L
					GW5213VW049	6.0 J	µg/L
					GW5213VW050	7.0 J	µg/L
					GW5213VW051	5.3 J	µg/L
					GW5213VW052	6.7 J	µg/L
					GW5213VW053	7.0 J	µg/L

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

Parameter	*Analyte*	*Calibration Date*	*% RSD*	*RRF*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	2-Butanone	05/24/13	-	0.045	GW52313VW054	R	µg/L
					GW52313VW055	R	µg/L
					GW52313VW056	R	µg/L
					GW52313VW057	R	µg/L
					GW52313VW058	R	µg/L
					GW52313VW059	R	µg/L
					GW52313VW060	R	µg/L
					GW52313VW061	R	µg/L
					GW52313VW062	R	µg/L
VOCs	Acetone	05/24/13	-	0.045	GW52313VW054	11 J	µg/L
					GW52313VW055	10 J	µg/L
					GW52313VW056	12 J	µg/L
					GW52313VW057	13 J	µg/L
					GW52313VW058	10 J	µg/L
					GW52313VW059	8.4 J	µg/L
					GW52313VW060	11 J	µg/L
					GW52313VW061	11 J	µg/L
					GW52313VW062	11 J	µg/L

Notes:

-	Not applicable.
RRF	Relative response factor.
% RSD	Percent relative standard deviation.
J	Estimated concentration.
VOCs	Volatile organic compounds.

TABLE 5

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

Parameter	*Analyte*	*Calibration Date*	*RRF*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Methylene chloride	4/25/2013	>0.05	30	GW42413MY002	5.0 UJ	µg/L
					GW42413MY003	5.0 UJ	µg/L
					GW42413MY004	5.0 UJ	µg/L
					GW42413MY006	5.0 UJ	µg/L
					GW42413MY007	5.0 UJ	µg/L
					GW42413MY008	5.0 UJ	µg/L
VOCs	Bromomethane	5/1/2013	>0.05	40	GW42613MY014	5.0 UJ	µg/L
					GW42613MY015	5.0 UJ	µg/L
					GW42613MY016	5.0 UJ	µg/L
					GW42613MY017	5.0 UJ	µg/L
					GW42913MY018	5.0 UJ	µg/L
					GW42913MY019	5.0 UJ	µg/L
					GW42913MY021	5.0 UJ	µg/L
VOCs	4-Methyl-2-pentanone	5/1/2013	>0.05	40	GW42613MY014	5.0 UJ	µg/L
					GW42613MY015	5.0 UJ	µg/L
					GW42613MY016	5.0 UJ	µg/L
					GW42613MY017	5.0 UJ	µg/L
					GW42913MY018	5.0 UJ	µg/L
					GW42913MY019	5.0 UJ	µg/L
					GW42913MY021	5.0 UJ	µg/L
VOCs	Acetone	5/8/2013	0.038	<25	GW43013MY024	9.3 J	µg/L
VOCs	2-Butanone	5/8/2013	0.044	<25	GW43013MY024	R	µg/L

TABLE 5

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

Parameter	*Analyte*	*Calibration Date*	*RRF*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Acetone	5/9/2013	>0.05	29	GW43013MY025	10 J	µg/L
					GW43013MY026	9.8 J	µg/L
					GW43013MY027	8.8 J	µg/L
					GW43013MY028	7.9 J	µg/L
					GW43013MY029	8.9 J	µg/L
					GW43013MY030	7.7 J	µg/L
					GW43013MY033	6.0 J	µg/L
					GW43013MY034	6.3 J	µg/L
VOCs	Acetone	5/10/2013	0.048	<25	GW43013MY031	7.5 J	µg/L
					GW43013MY032	7.7 J	µg/L
VOCs	2-Butanone	5/10/2013	0.047	<25	GW43013MY031	7.5 J	µg/L
					GW43013MY032	7.7 J	µg/L
VOCs	Acetone	5/14/2013	0.049	<25	GW5113VW035	10 J	µg/L
					GW5113VW036	12 J	µg/L
					GW5113VW037	7.2 J	µg/L
					GW5113VW038	7.1 J	µg/L
					GW5113VW039	6.2 J	µg/L
					GW5113VW040	6.6 J	µg/L
					GW5113VW042	6.6 J	µg/L
					GW5113VW043	6.6 J	µg/L
					GW5113VW044	6.6 J	µg/L
					GW5113VW045	6.5 J	µg/L
					GW5113VW046	6.5 J	µg/L
					GW5113VW047	6.3 J	µg/L

TABLE 5

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

Parameter	*Analyte*	*Calibration Date*	*RRF*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	2-Butanone	5/14/2013	0.044	<25	GW5113VW035	R	µg/L
					GW5113VW036	14 J	µg/L
					GW5113VW037	R	µg/L
					GW5113VW038	R	µg/L
					GW5113VW039	R	µg/L
					GW5113VW040	R	µg/L
					GW5113VW042	R	µg/L
					GW5113VW043	R	µg/L
					GW5113VW044	R	µg/L
					GW5113VW045	R	µg/L
					GW5113VW046	R	µg/L
					GW5113VW047	R	µg/L
VOCs	2-Butanone	5/15/2013	0.046	<25	GW5113VW041	R	µg/L
VOCs	Propene	5/7/2013	>0.05	39	VZ5113VW001	0.86 UJ	µg/m3
					VZ5113VW002	4.66 J	µg/m3
					VZ5113VW003	0.86 UJ	µg/m3
					VZ5113VW004	0.86 UJ	µg/m3
					VZ5113VW005	0.86 UJ	µg/m3
					VZ5113VW006	17.21 UJ	µg/m3
					VZ5113VW007	25.99 UJ	µg/m3
					VZ5113VW008	3.44 UJ	µg/m3
					VZ5113VW009	0.86 UJ	µg/m3
					VZ5113VW010	8.61 UJ	µg/m3
					VZ5213VW011	0.86 UJ	µg/m3
					VZ5213VW012	0.86 UJ	µg/m3
					VZ5213VW013	0.86 UJ	µg/m3
					VZ5213VW014	53.01 UJ	µg/m3

TABLE 5

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

Parameter	*Analyte*	*Calibration Date*	*RRF*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Chloromethane	5/7/2013	>0.05	39	VZ5113VW001	1.47 J	µg/m3
					VZ5113VW002	34.91 J	µg/m3
					VZ5113VW003	1.20 J	µg/m3
					VZ5113VW004	58.66 J	µg/m3
					VZ5113VW005	1.26 J	µg/m3
					VZ5113VW006	61.14 J	µg/m3
					VZ5113VW007	31.19 UJ	µg/m3
					VZ5113VW008	69.40 J	µg/m3
					VZ5113VW009	2.04 J	µg/m3
					VZ5113VW010	43.58 J	µg/m3
					VZ5213VW011	2.11 J	µg/m3
					VZ5213VW012	35.73 J	µg/m3
					VZ5213VW013	1.49 J	µg/m3
					VZ5213VW014	87.57 J	µg/m3
VOCs	Vinyl chloride	5/7/2013	>0.05	36	VZ5113VW001	1.28 UJ	µg/m3
					VZ5113VW002	14.57 J	µg/m3
					VZ5113VW003	1.28 UJ	µg/m3
					VZ5113VW004	2.53 J	µg/m3
					VZ5113VW005	1.28 UJ	µg/m3
					VZ5113VW006	25.56 UJ	µg/m3
					VZ5113VW007	38.60 UJ	µg/m3
					VZ5113VW008	12.58 J	µg/m3
					VZ5113VW009	1.28 UJ	µg/m3
					VZ5113VW010	12.78 UJ	µg/m3
					VZ5213VW011	1.28 UJ	µg/m3
					VZ5213VW012	6.16 J	µg/m3
					VZ5213VW013	1.28 UJ	µg/m3
					VZ5213VW014	78.73 UJ	µg/m3

TABLE 5

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

Parameter	*Analyte*	*Calibration Date*	*RRF*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	1,3-Butadiene	5/7/2013	>0.05	36	VZ5113VW001	1.10 UJ	µg/m3
					VZ5113VW002	1.10 UJ	µg/m3
					VZ5113VW003	1.10 UJ	µg/m3
					VZ5113VW004	1.10 UJ	µg/m3
					VZ5113VW005	1.10 UJ	µg/m3
					VZ5113VW006	22.09 UJ	µg/m3
					VZ5113VW007	33.35 UJ	µg/m3
					VZ5113VW008	4.42 UJ	µg/m3
					VZ5113VW009	1.10 UJ	µg/m3
					VZ5113VW010	11.04 UJ	µg/m3
					VZ5213VW011	1.10 UJ	µg/m3
					VZ5213VW012	1.10 UJ	µg/m3
					VZ5213VW013	1.10 UJ	µg/m3
					VZ5213VW014	68.02 UJ	µg/m3
VOCs	Chloroethane	5/7/2013	>0.05	38	VZ5113VW001	1.32 UJ	µg/m3
					VZ5113VW002	5.80 J	µg/m3
					VZ5113VW003	1.32 UJ	µg/m3
					VZ5113VW004	2.72 J	µg/m3
					VZ5113VW005	1.32 UJ	µg/m3
					VZ5113VW006	60.67 J	µg/m3
					VZ5113VW007	39.83 UJ	µg/m3
					VZ5113VW008	68.85 J	µg/m3
					VZ5113VW009	1.32 UJ	µg/m3
					VZ5113VW010	12.13 J	µg/m3
					VZ5213VW011	1.32 UJ	µg/m3
					VZ5213VW012	3.14 J	µg/m3
					VZ5213VW013	1.32 UJ	µg/m3
					VZ5213VW014	81.25 UJ	µg/m3

TABLE 5

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

Parameter	*Analyte*	*Calibration Date*	*RRF*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Acetone	5/7/2013	>0.05	36	VZ5113VW001	6.61 J	µg/m3
					VZ5113VW002	16.47 J	µg/m3
					VZ5113VW003	6.08 J	µg/m3
					VZ5113VW004	53.23 J	µg/m3
					VZ5113VW005	5.66 J	µg/m3
					VZ5113VW006	30.42 J	µg/m3
					VZ5113VW007	2095.88 J	µg/m3
					VZ5113VW008	98.14 J	µg/m3
					VZ5113VW009	15.40 J	µg/m3
					VZ5113VW010	11.88 UJ	µg/m3
					VZ5213VW011	8.06 J	µg/m3
					VZ5213VW012	4.82 J	µg/m3
					VZ5213VW013	10.31 J	µg/m3
					VZ5213VW014	836.45 J	µg/m3
VOCs	Acrylonitrile	5/7/2013	>0.05	32	VZ5113VW001	1.08 UJ	µg/m3
					VZ5113VW002	1.08 UJ	µg/m3
					VZ5113VW003	1.08 UJ	µg/m3
					VZ5113VW004	1.08 UJ	µg/m3
					VZ5113VW005	1.08 UJ	µg/m3
					VZ5113VW006	21.68 UJ	µg/m3
					VZ5113VW007	32.73 UJ	µg/m3
					VZ5113VW008	4.34 UJ	µg/m3
					VZ5113VW009	1.08 UJ	µg/m3
					VZ5113VW010	10.84 UJ	µg/m3
					VZ5213VW011	1.08 UJ	µg/m3
					VZ5213VW012	1.08 UJ	µg/m3
					VZ5213VW013	1.08 UJ	µg/m3
					VZ5213VW014	66.76 UJ	µg/m3

TABLE 5

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

Parameter	*Analyte*	*Calibration Date*	*RRF*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Tetrachloroethene	5/28/2013	>0.05	26	GW52313VW054	15 J	µg/L
					GW52313VW055	12 J	µg/L
					GW52313VW056	1.1 J	µg/L
					GW52313VW057	0.76 J	µg/L

Notes:

- Not applicable.
%D Percent difference.
RRF Relative response factor.
J Estimated concentration.
R Rejected.
UJ Not detected; associated reporting limit is estimated.

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

Parameter	*Analyte*	*Analysis Date*	*Blank Result **	*Sample ID*	*Original Result*	*Qualified Result*	*Units*
General Chemistry	TOC	05/06/13	0.339 J	GW42413MY003	0.695 J	1.00 U	mg/L
				GW42413MY004	0.745 J	1.00 U	mg/L
				GW42413MY005	1.63	1.63 U	mg/L
General Chemistry	TOC	05/08/13	0.427 J	GW42913MY020	0.991 J	1.00 U	mg/L
General Chemistry	TOC	05/08/13	0.289 J	GW43013MY023	0.367 J	1.00 U	mg/L
				GW43013MY025	0.549 J	1.00 U	mg/L
				GW43013MY026	0.460 J	1.00 U	mg/L
General Chemistry	TOC	05/08/13	0.324 J	GW43013MY027	1.13	1.13 U	mg/L
				GW43013MY028	1.18	1.18 U	mg/L
General Chemistry	TOC	05/08/13	0.322 J	GW43013MY031	1.02	1.02 U	mg/L
				GW43013MY032	1.80	1.80 U	mg/L
General Chemistry	TOC	05/09/13	0.297 J	GW5113VW041	1.40	1.40 U	mg/L
				GW5113VW043	0.801 J	1.00 U	mg/L
				GW5113VW044	0.602 J	1.00 U	mg/L
				GW5113VW045	0.693 J	1.00 U	mg/L
				GW5113VW046	0.682 J	1.00 U	mg/L
				GW5113VW047	1.11	1.11 U	mg/L
				GW5113VW048	0.726 J	1.00 U	mg/L

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

Parameter	*Analyte*	*Analysis Date*	*Blank Result **	*Sample ID*	*Original Result*	*Qualified Result*	*Units*
General Chemistry	TOC	05/31/13	0.514	GW52313VW054	1.26	1.26 U	mg/L
				GW52313VW055	1.29	1.29 U	mg/L
				GW52313VW056	2.45	2.45 U	mg/L
				GW52313VW057	2.15	2.15 U	mg/L
				GW52313VW058	2.36	2.36 U	mg/L

Notes:

* Blank result adjusted for sample factors where applicable.
J Estimated concentration.
U Not detected at the associated reporting limit.
TOC Total organic carbon.

TABLE 7

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

Parameter	*Analyte*	*LCS Date*	*LCS % Recovery*	*LCSD % Recovery*	*RPD (percent)*	*Control Limits*		*Associated Sample ID*	*Qualified Result*	*Units*
						% Recovery	*RPD*			
VOCs	Chloroethane	05/01/13	137	122	12	60 - 135	40	GW42613MY015	5.3 J	µg/L
								GW42613MY016	2.2 J	µg/L
								GW42613MY017	2.8 J	µg/L
								GW42913MY018	3.9 J	µg/L
								GW42913MY021	6.6 J	µg/L
VOCs	Chloroethane	05/02/13	141	-	-	60 - 135	-	GW42913MY022	5.3 J	µg/L
VOCs	Ethanol	05/07/13	139	-	-	70 - 130	-	VZ5113VW004	15.08 J	µg/m3
								VZ5113VW009	11.67 J	µg/m3
								VZ5213VW014	230.03 J	µg/m3
VOCs	Ethyl acetate	05/07/13	132	-	-	70 - 130	-	VZ5113VW009	10.38 J	µg/m3

Notes:

LCS Laboratory control sample.
LCSD Laboratory control sample duplicate.
RPD Relative percent difference.
J Estimated concentration.
VOCs Volatile organic compounds.

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

Parameter	*Sample ID*	*Analyte*	*MS % Recovery*	*MSD % Recovery*	*RPD (percent)*	*Control Limits*		*Qualified Result*	*Units*
						% Recovery	*RPD*		
Volatiles	GW5113VW042	Vinyl chloride	9	113	170	50 - 145	40	38.0 J	µg/L
		Trichloroethene	57	107	61	70 - 125	40	17.0 J	µg/L

Notes:

MS Matrix spike.
MSD Matrix spike duplicate.
RPD Relative percent difference.
J Estimated concentration.

TABLE 9

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE FIELD BLANKS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

Parameter	*Field Blank ID*	*Blank Date*	*Analyte*	*Blank Result*	*Associated Sample ID*	*Original Result*	*Qualified Result*	*Units*
VOCs	GW43013MY023	04/30/13	Toluene	0.61 J	GW43013MY024	1.4 J	5.0 U	µg/L
					GW43013MY033	0.71 J	5.0 U	µg/L

Notes:

J

U Not detected at the associated reporting limit.

VOCs Volatile organic compounds.

TABLE 10

TENTATIVELY IDENTIFIED COMPOUNDS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL - MAY 2013

Sample ID	*Volatile Organics*	*Estimated Concentration (ug/L)*
GW42413MY002	Propanal, 2-methyl-	19 J
	Unknown	35 J
GW42413MY007	Propanal, 2-methyl-	9.1 J
	Unknown	14 J
GW42413MY008	Propanal, 2-methyl-	32 J
	Unknown	65 J
GW42513MY009	1-Propene, 2-methyl-	21 J
	Cyclohexane, 4-ethenyl-	7.0 J
	Sulfur dioxide	8.0 J
	6-Azathymine	7.0 J
	Unknown	6.4 J
GW42513MY011	Unknown	5.5 J
GW42913MY019	Unknown	6.5 J
GW42913MY021	1-Propene, 2-methyl-	37 J
	Cyclohexane, 4-ethenyl-	8.4 J
	Unknown	25 J
GW42913MY022	Unknown	16 J
GW43013MY029	Propanal, 2-methyl-	28 J
	Unknown	12 J
GW43013MY034	Unknown	5.7 J
GW5113VW036	Furan, tetrahydro-	11 J

Note:

J Estimated concentration.