Glenn Springs Holdings, Inc.

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July 9, 2014

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 2014 (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 2014 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, 2014 and will cover July through September 2014. A listing of the primary activities is provided in Table 1.

Quarterly Progress Report

The following activities were performed during the period April through June 2014:

- The Quarterly Progress Report for the time period January through March 2014 was submitted to the USEPA on April 11, 2014.

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)

GSH and CRA made a brief presentation at the NYSDEC's TAC meeting held on April 10, 2014 in Hicksville. The presentation focused primarily on the groundwater quality improvement that is occurring as a result of the biosparge air injection system.

Supplemental Treatment System

i. Operation and monitoring of the GP-1/GP-3 supplemental air treatment system continued.

ii. The bearing on the supplemental system blower failed on April 14, 2014. The bearing was replaced and the system resumed operation on April 21.

iii. The carbon bed was changed out on April 18, 2014.

iv. A leaking blind flange was found on June 26. The flange was replaced on June 30.

Biosparge System

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

During the reporting period, air injection into the biosparge system north fence was suspended on April 4 in preparation for the 2014 2nd quarter biosparge system performance monitoring event. Air injection resumed on April 30 after retrieval of the last sampler. The faulty actuator in IW-7 was replaced and air injection resumed on the week of May 12. Air was injected into all middle fence injection wells for 8 hours at 100 scfm for May and June except for IW-16D1, IW-18D1, IW-19D2 and IW-22D2. No air could be injected into wells IW-16D1, IW-19D2, and IW-22D2, small volumes were injected into IW-18D1 and IW-19D1. It is believed that there are physical impairments in these wells. It is also believed that air injection into these wells is not essential because air is being injected into all the air injection wells immediately adjacent to and above them. This is supported by the April 2014 results which show that dissolved oxygen (DO) concentrations in the nearby wells are in the range of 2.8 to 8.9 mg/L, which is higher than the target level of 2.0 mg/L, except for MW-84D2 which had a DO of 1.7 mg/L. Also, VCM concentrations continue to decrease or remain low level.

The PDB/HydraSleeve samplers for the April 2014 quarterly performance monitoring event were inserted between April 8 and 11 and were retrieved between April 23 and 29 except for MW-63S and MW-63I. The samplers for these two wells were inserted on April 29 and retrieved on May 15. The April sampling event included 36 of the 39 biosparge groundwater monitoring wells used to monitor the system components installed in 2012. Wells MW-61I, MW-61D1, and MW-77D1 could not be sampled as an obstruction in these wells prevented insertion of the samplers. The April sampling event was also to include the collection of samples from a supplemental group of wells to provide additional groundwater information (well nests MW-63, MW-67, and MW-68 and well MW-66D2). The analytical results from this

sampling event and the QA/QC review are attached. The field parameter results are provided in Table 2.

A request was received from the USEPA on May 9 to provide an inventory of all biosparge system wells on forms provided by the USEPA. The completed forms were submitted on June 19.

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

Notification for the July 2014 biosparge system performance monitoring event was submitted to the USEPA on June 19, 2014. The PDB/HydraSleeve samplers are to be installed starting July 2 and retrieved a minimum of 14 days after insertion. The wells to be sampled and analyzed include 29 of the biosparge groundwater monitoring wells for the components of the biosparge system which became operational in September 2012. Well MW-77D1 is not available to sample due to an obstruction in the well. Furthermore, to provide information regarding the current condition of the VCM subplumes, well nests MW-63, MW-67, and MW-68 and well MW-66D2 will be sampled and analyzed.

Summary of Biosparge System

The DO, total volatile organic compounds (TVOC), and VCM concentration trends for the individual groundwater monitoring wells around the biosparge injection system are shown on Figures 5 through 25. To date, the results show that the biosparge system is operating successfully as demonstrated by the following:

i. DO levels in the groundwater have increased and are greater than the target concentration of 2 milligrams per liter (mg/L) in 36 or the 37 monitoring wells as measured in April (see Table 2). The DO in the remaining well was 1.7 mg/L.

ii. Groundwater VCM concentrations are non-detect, low level, or decreased between the January 2014 and April 2014 performance monitoring events in 21 of the 23 monitoring wells for the expanded biosparge system as a result of the microbial biodegradation processes. The VCM concentrations, which are currently fluctuating in the remaining 2 wells (MW-86D1 and MW-90D1), are expected to decrease with time. VCM concentrations in the Pilot System monitoring wells (see Figure 2 for area of the Pilot System) were low level ranging from non-detect to 2.2 μg/L in the April 2014 event. In addition, it is noted that the VCM concentrations at well MW-66D2, which is located more than half the distance from the middle injection fence toward GP-3 have been non-detect since April 2013. This well had VCM concentrations as high as 3350 μg/L in April 2006. This demonstrates that the groundwater downgradient of the biosparge system is improving significantly.

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 April 2014 results shows that VCM was detected at low level concentrations (3.6 ppbv or less) in four of the seven deep vadose zone wells sampled 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 2014 Activities

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

i. Continue operation and monitoring of the GP-1/GP-3 supplemental air treatment system.
ii. Change-out of the supplemental system carbon bed is scheduled for July 9 and the week of September 29, 2014.
iii. Perform the third 2014 quarterly biosparge system performance monitoring event. PDB/HydraSleeve insertion is scheduled to start on July 2 with retrieval planned to start after July 16.
iv. Change-out of the supplemental system potassium permanganate bed is scheduled for July 23, 2014.
v. Continue the weekly 8-hour air injections for the air injection wells. It is noted that air injections will be temporarily suspended during the July 2014 performance monitoring event.

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

Yours sincerely,

Roger Smith
Senior Project Manager

KDS/kf/006883/49
Encl.

cc: P. Mannino (USEPS)
M. Popper (CDM)
J. Kay (CRA)
M.E. Wieder (USEPA)
T. Kelly (Nassau Coounty)
S. Scharf (NYSDED-PDF on CD)
S. Krall (Bayer)

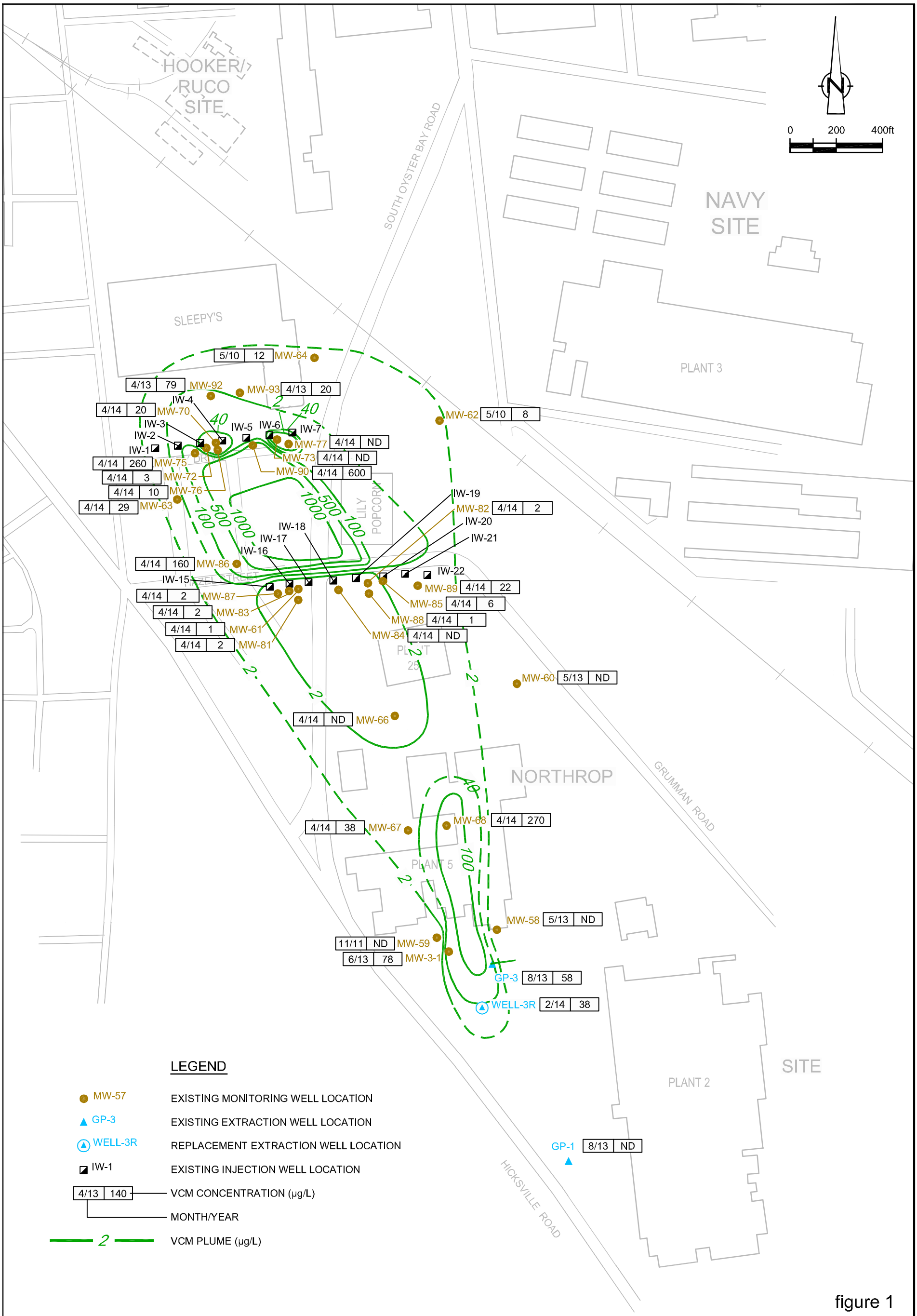


figure 1

MOST RECENT VCM GROUNDWATER CONCENTRATIONS

Hooker/Ruco Site, Hicksville, New York

06883-D23102(TACC049)GN-WA001 JUL 11/2014

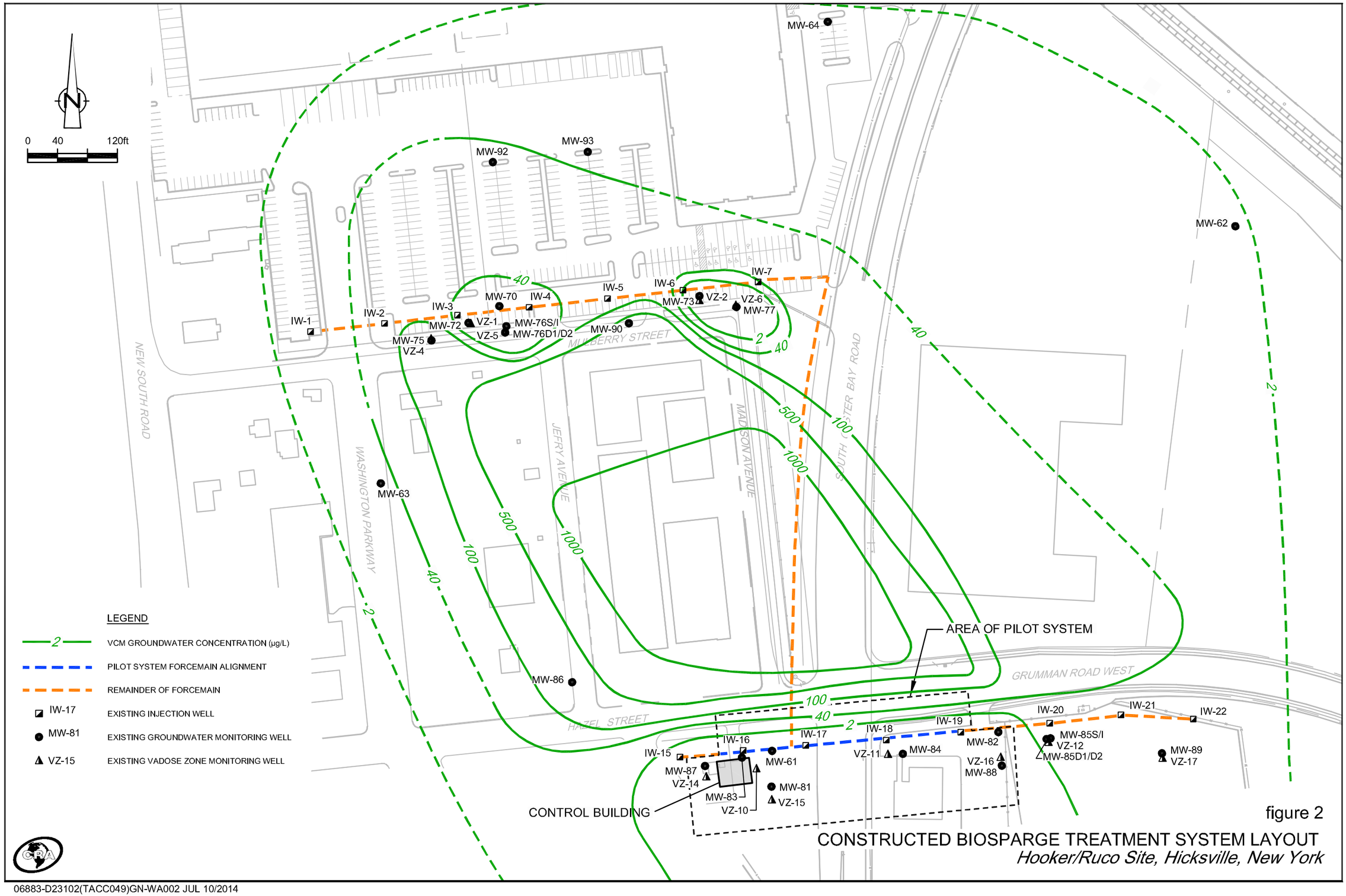


figure 2

CONSTRUCTED BIOSPARGE TREATMENT SYSTEM LAYOUT

Hooker/Ruco Site, Hicksville, New York

06883-D23102(TACC049)GN-WA002 JUL 10/2014

DEPTH (ft. BGS)

100
150
200
250
300
350
400
450
500
550
600

IW-1 70 71 93 ND 6 15 ND ND ND ND 42 4 ND 80 7 ND ND ND

IW-2 150 28 46 93 17 27 54 3 4 ND 15 2 ND 57 10 ND 220 83

MW-75 2 ND ND 39 ND 2 ND ND ND ND 16 ND ND 2 ND ND ND

IW-3 72 ND ND 760 5 8 12 3 15 ND 10 830 ND 41 130 ND 46 30

MW-72 5 ND 3 ND 3 180 ND 39 38 ND 110 90

MW-70 47 ND ND 60 3 15 1100 25 43 6 ND 3 ND 16 28

MW-92 7 ND ND 14 1 ND 1 11 ND 13 940 ND 9 640

MW-76 270 ND ND 66 3 14 2100 83 95 ND 130 81 ND 8 2

IW-4 120 ND ND 32 ND 14 810 11 32 ND 9 13 ND 3 53

MW-93 ND ND ND 41 11 41 ND 65 63 ND 35 1700 ND 33 2600

IW-5 ND ND ND ND ND ND 42 ND 3 630 10 11 ND 27 5300 ND ND 76

MW-90 390 16 18 ND ND ND ND 13 14 ND 1400 150

IW-6 39 1 19 370 ND 3 ND 31 3200 ND 180 500

MW-73 ND ND ND ND 8 ND ND 31 3400 ND 150 57

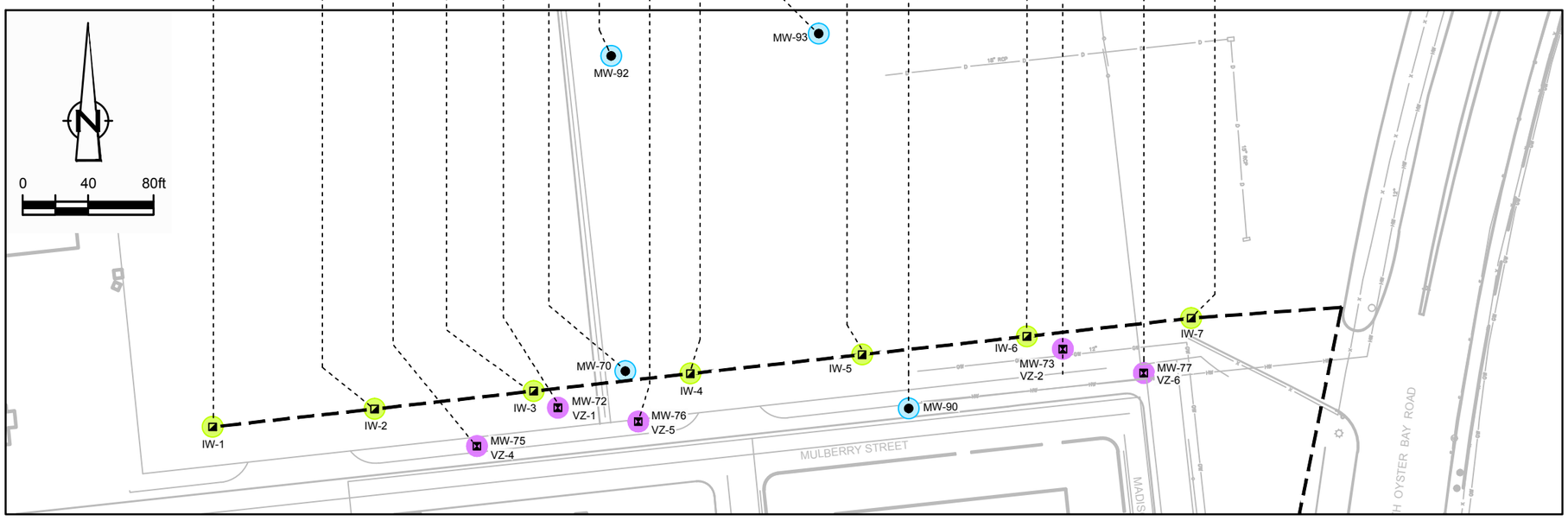
MW-77 ND ND ND 16 ND ND 380 19 20 ND 290 100

IW-7 1 ND 2 ND ND ND 4 44 1 7 ND 55 1400 ND 46 91

GP-6

GP-3

GP-1



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)

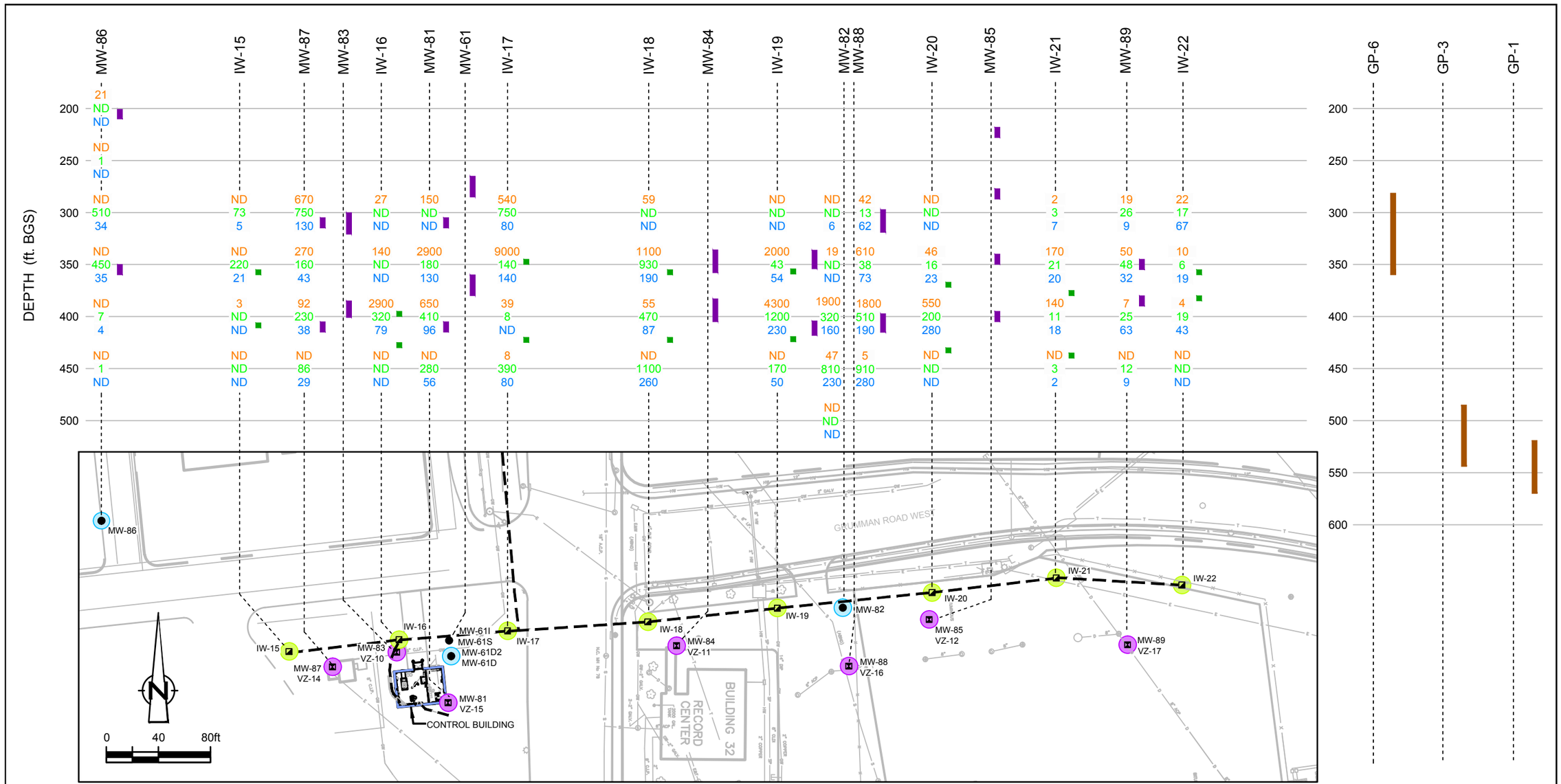
NOTE: FEBRUARY THROUGH MARCH, 2011 HYDROPUNCH RESULTS

figure 3

NORTH FENCE AIR INJECTION AND GROUNDWATER MONITORING WELL SCREENED INTERVALS

Hooker/Ruco Site, Hicksville, New York

CRA



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

06883-D23102(TACC049)GN-WA004 JUL 3/2014

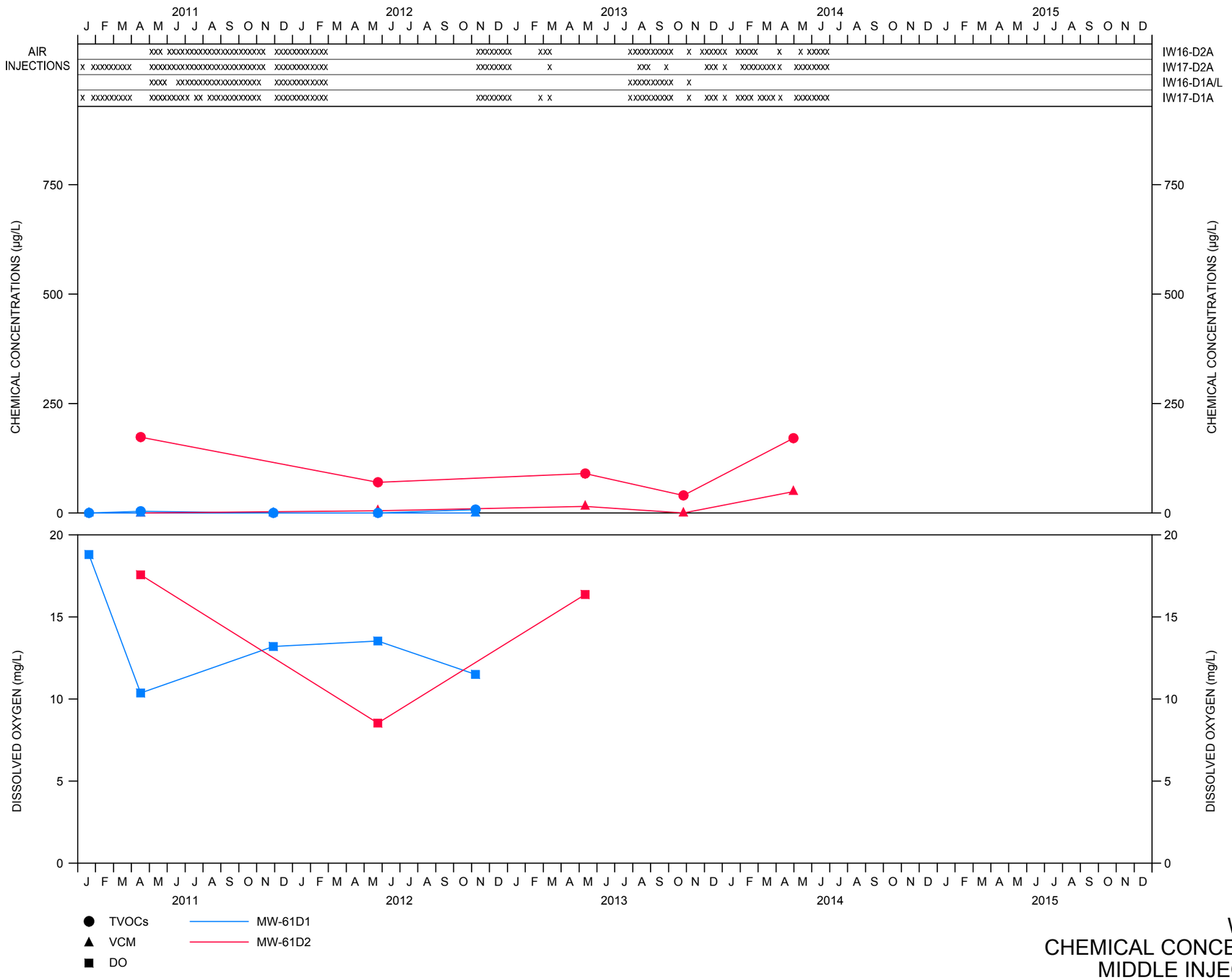


figure 5

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

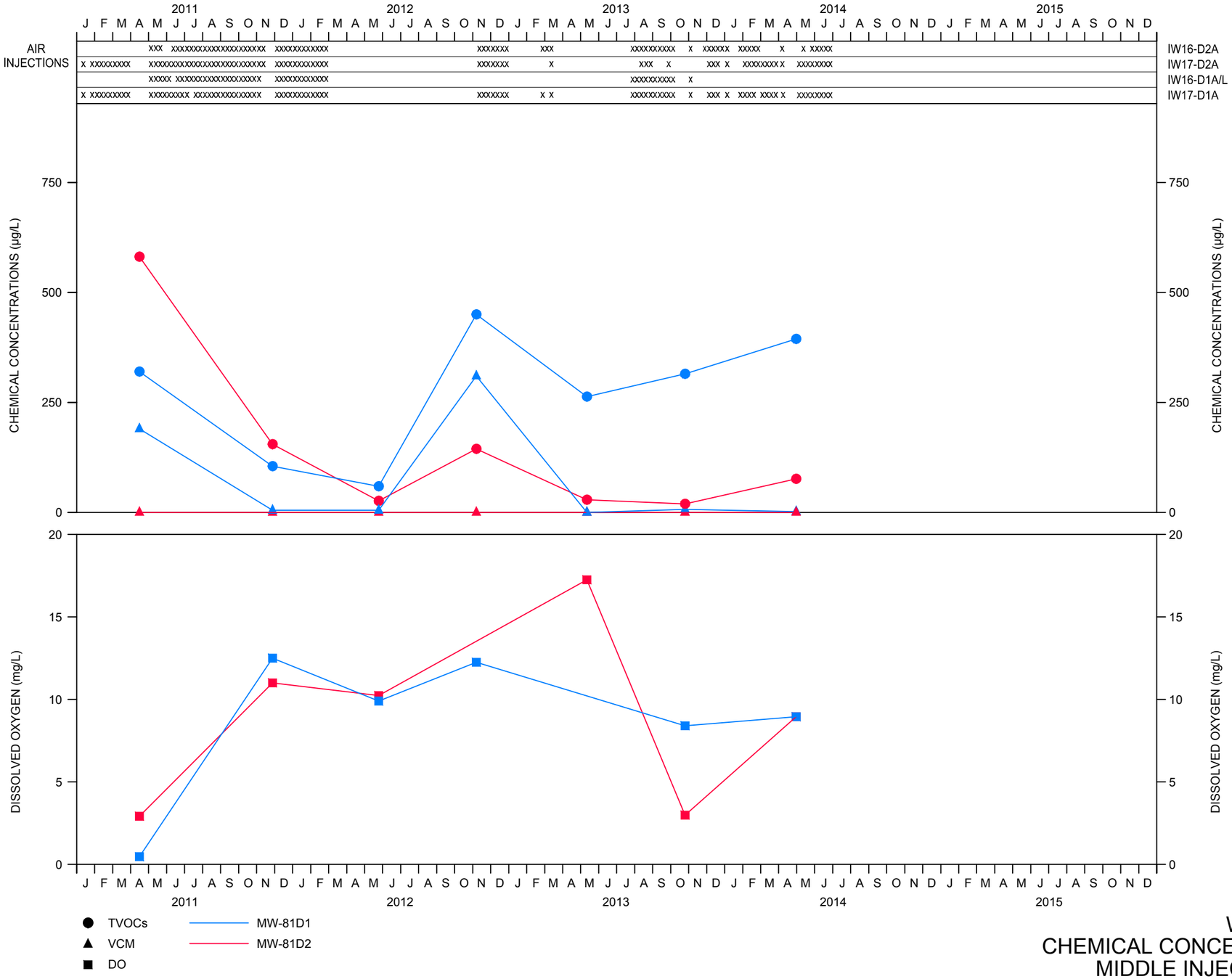


figure 6

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

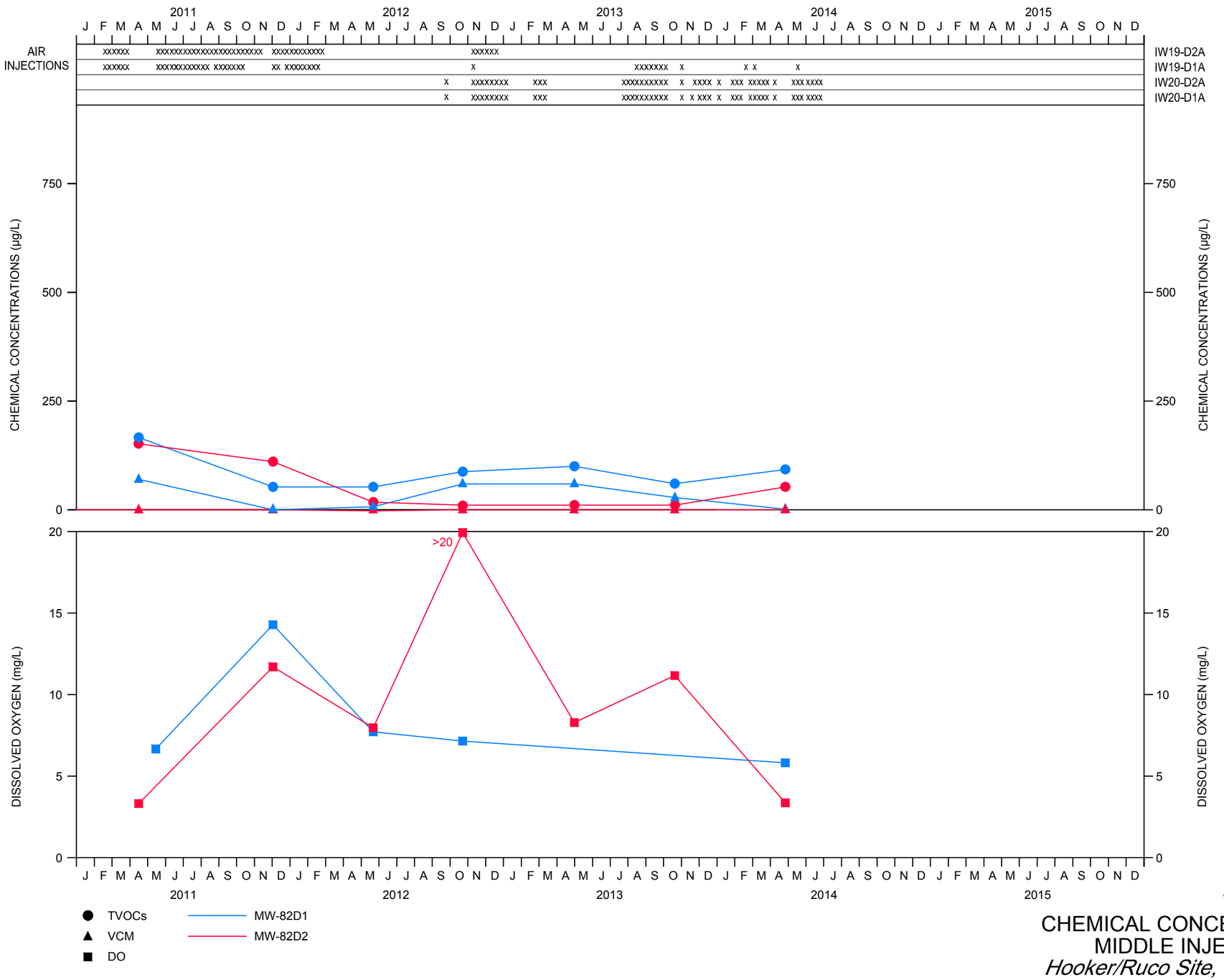


figure 7

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

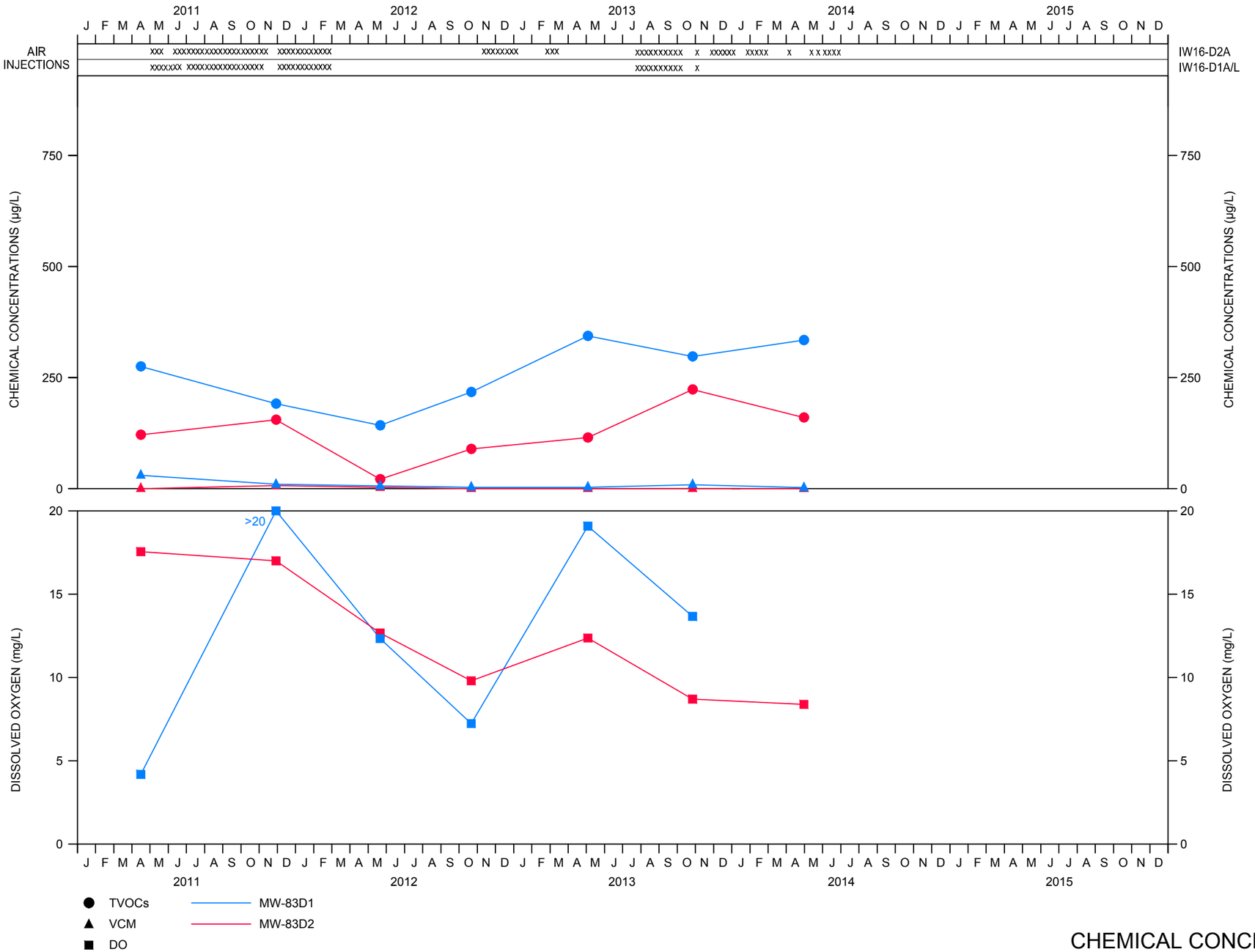


figure 8

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

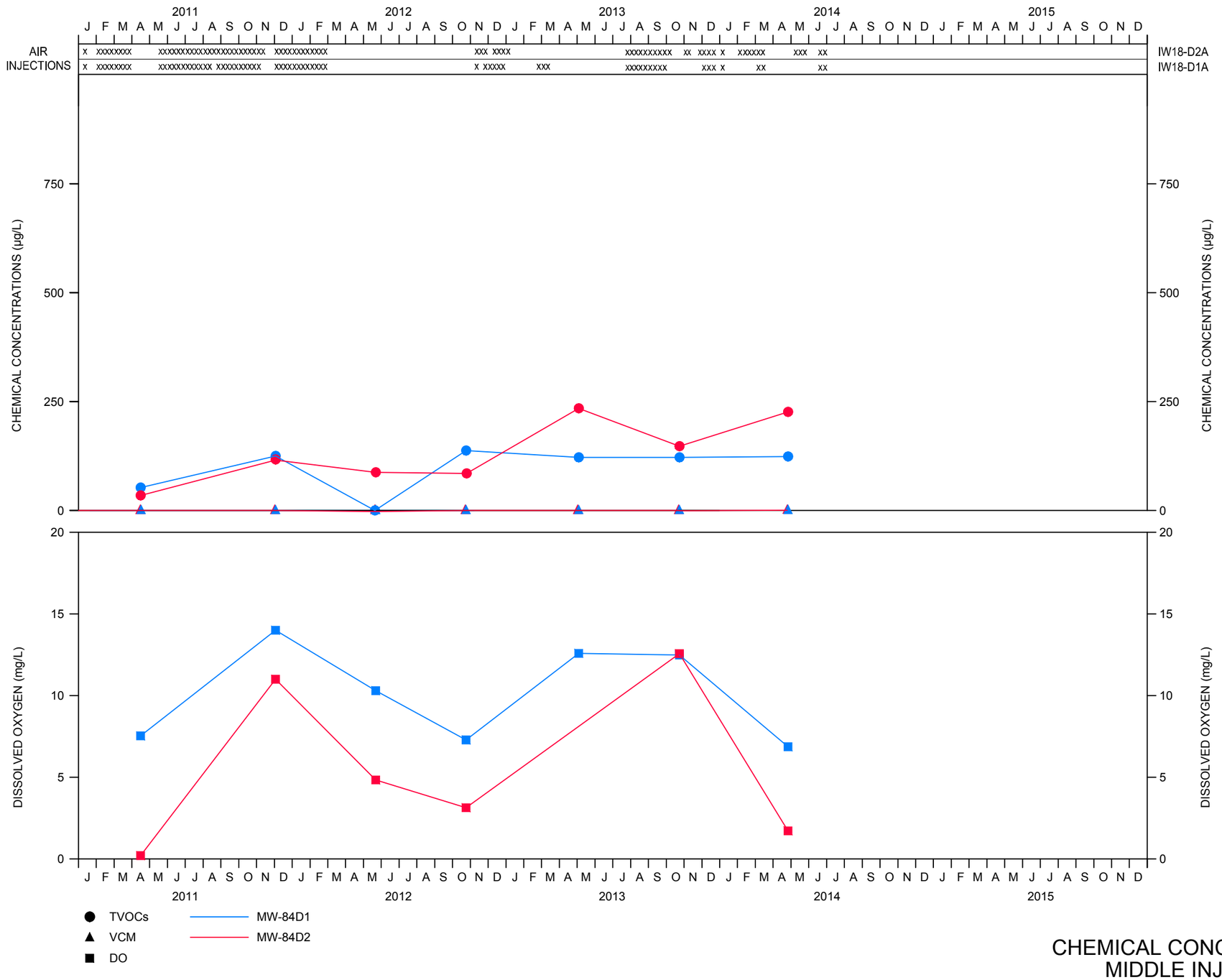


figure 9

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

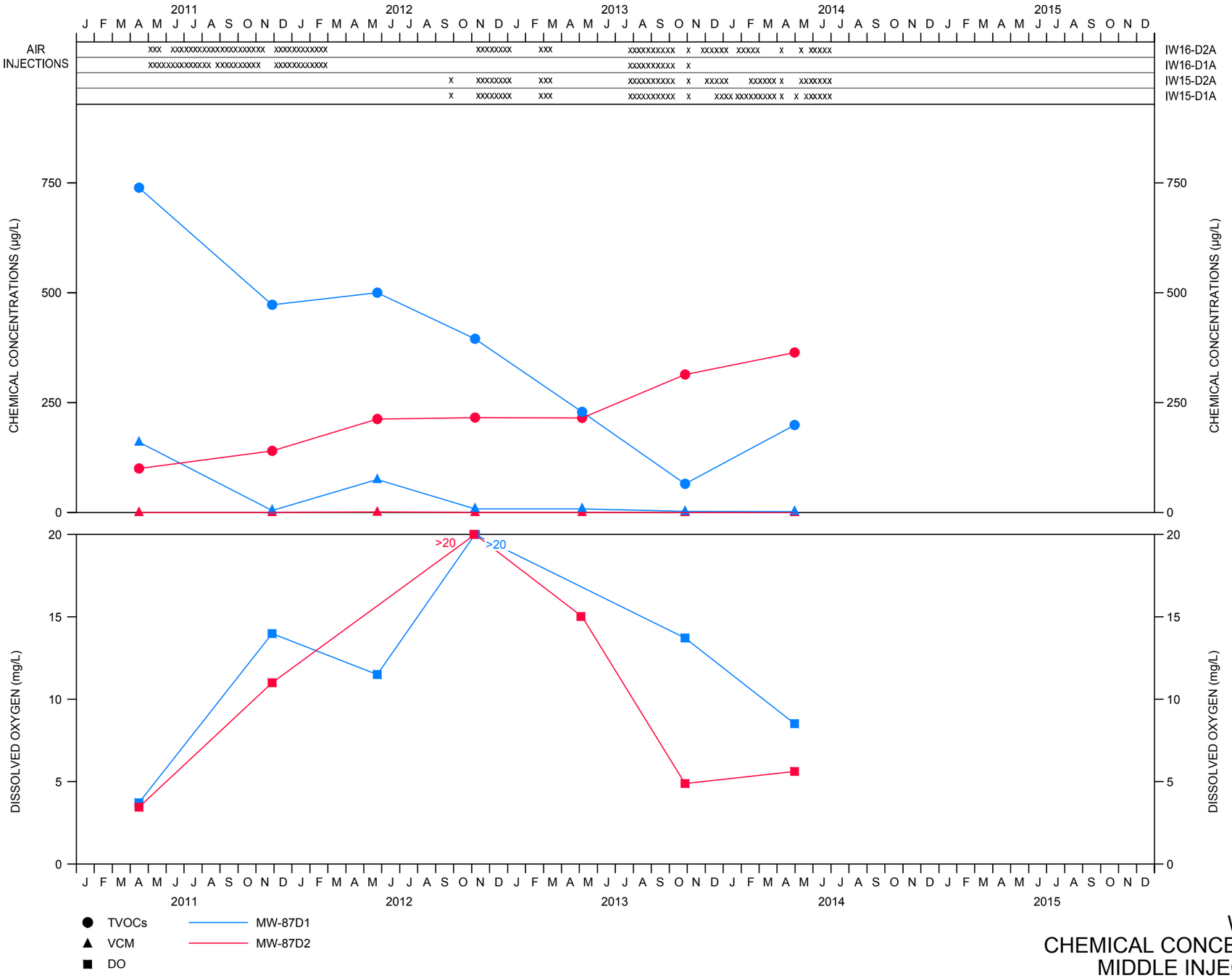


figure 10

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

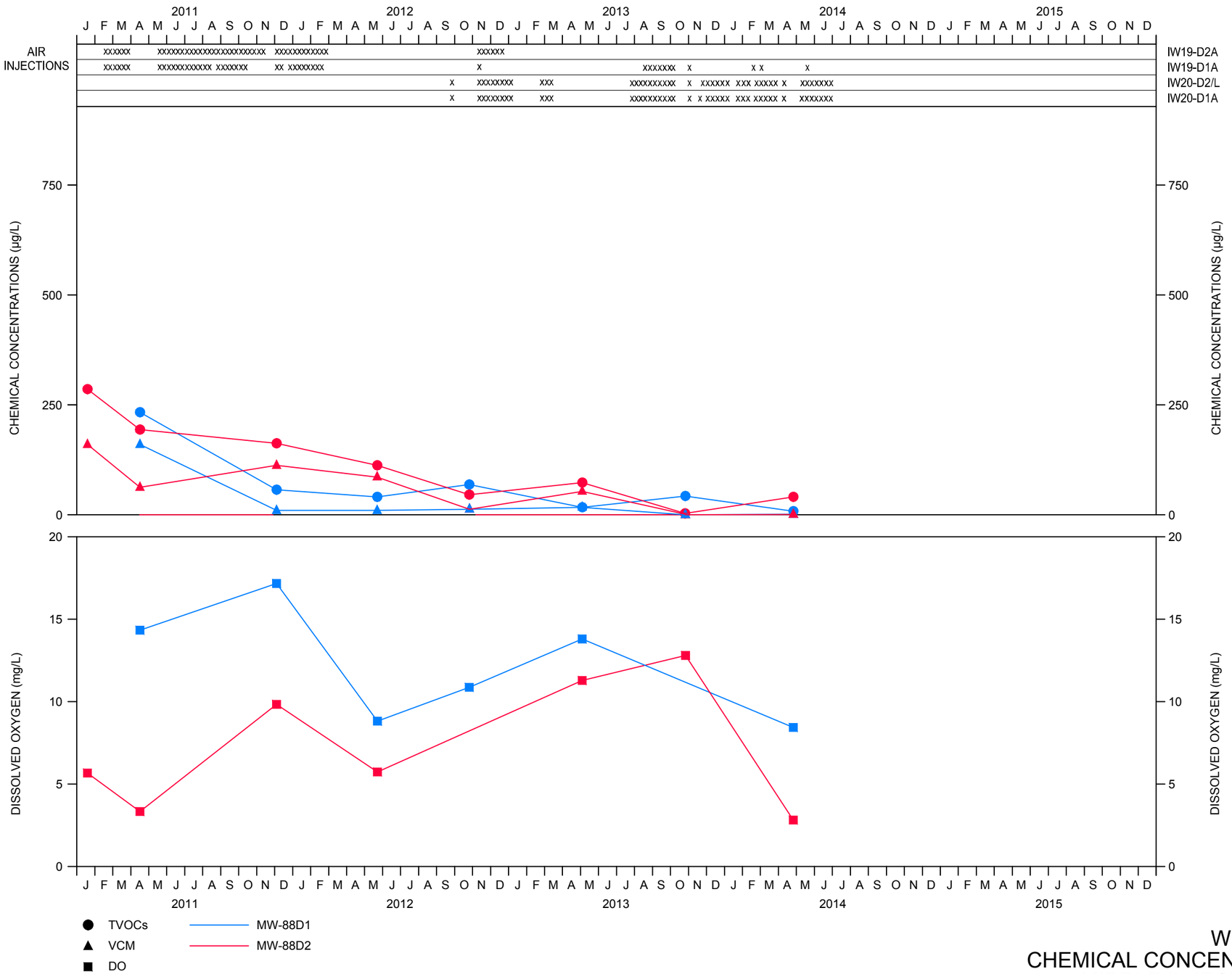


figure 11

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

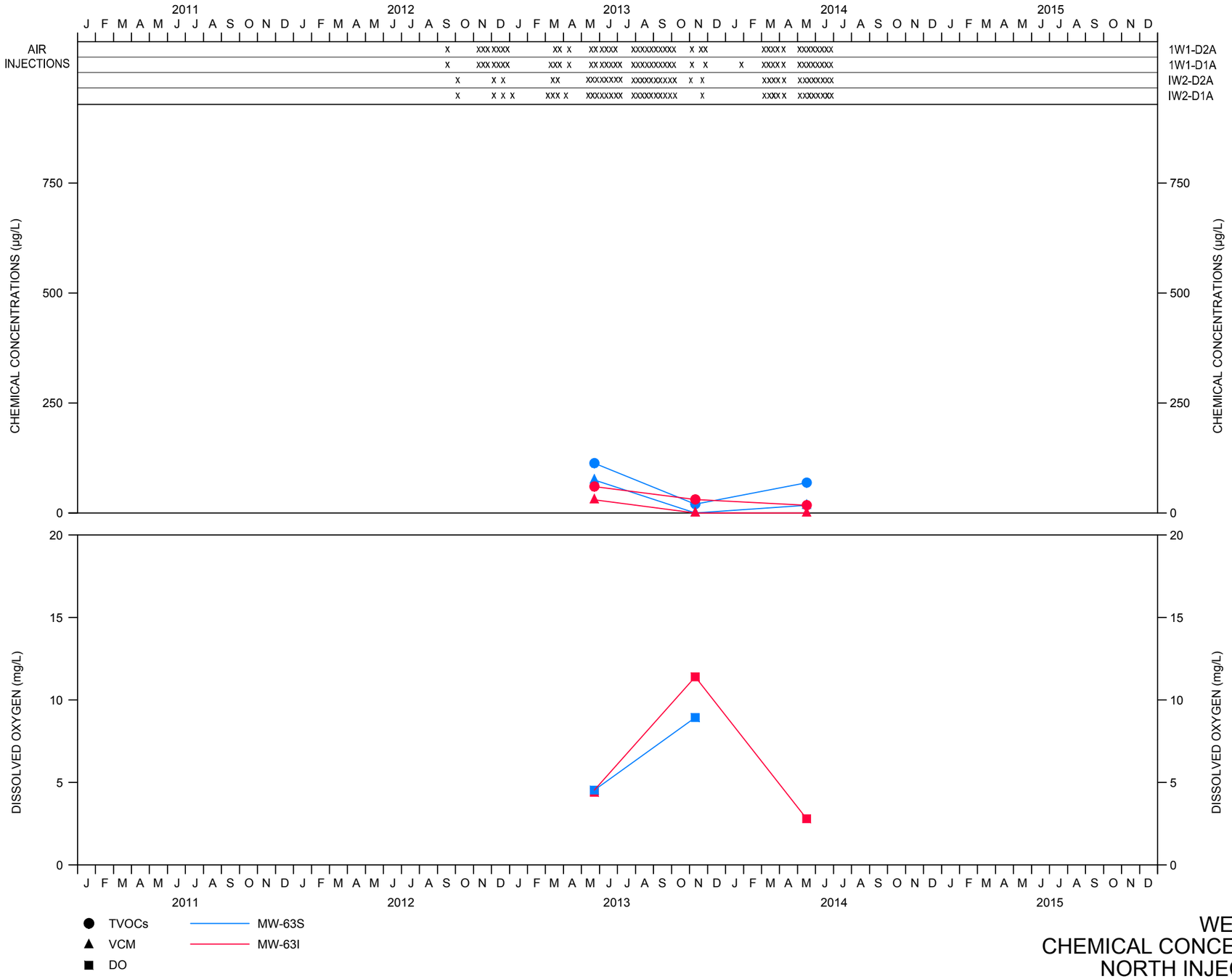


figure 12

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

06883-D23102(TACC049)GN-WA025 JUL 3/2014

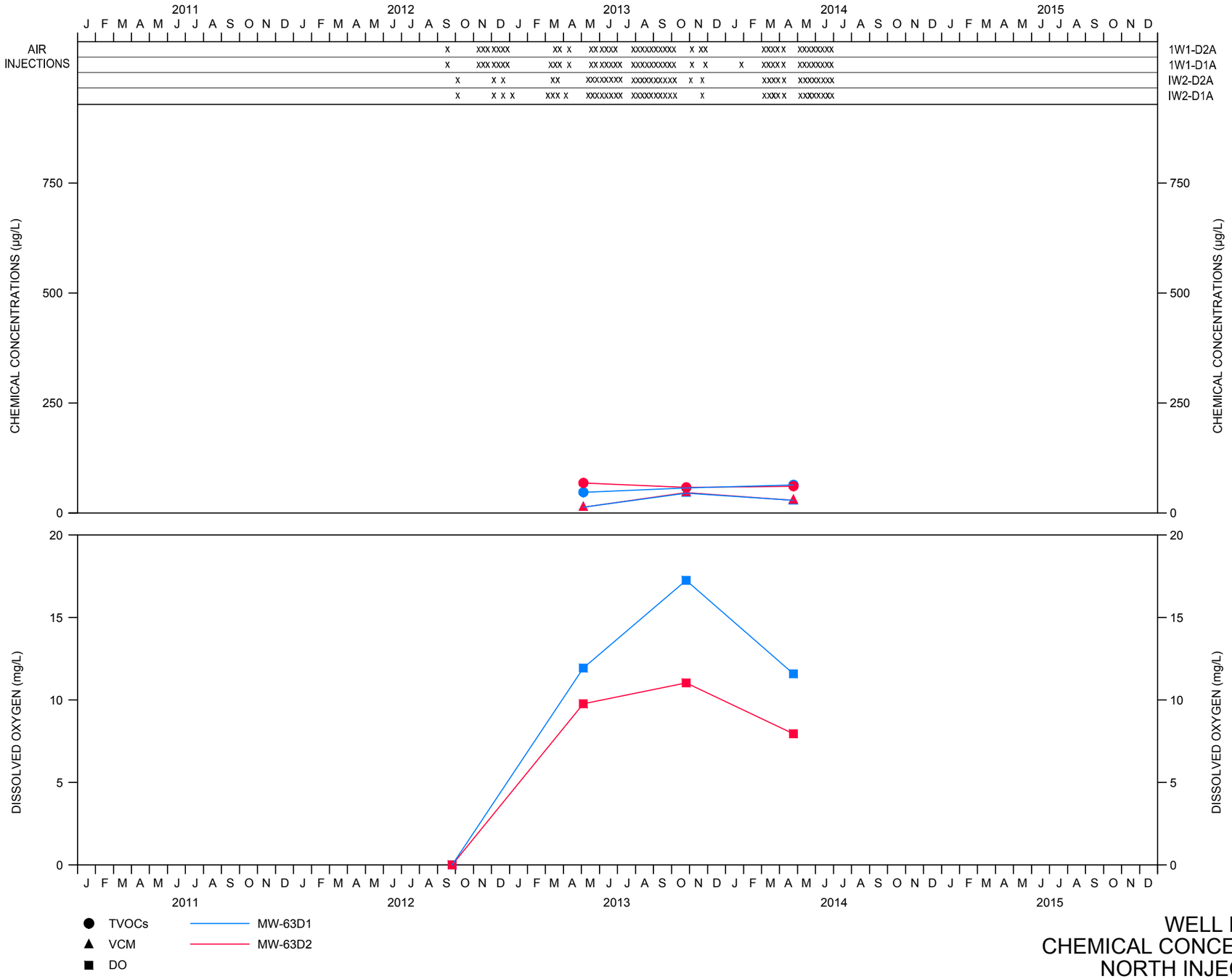


figure 13

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

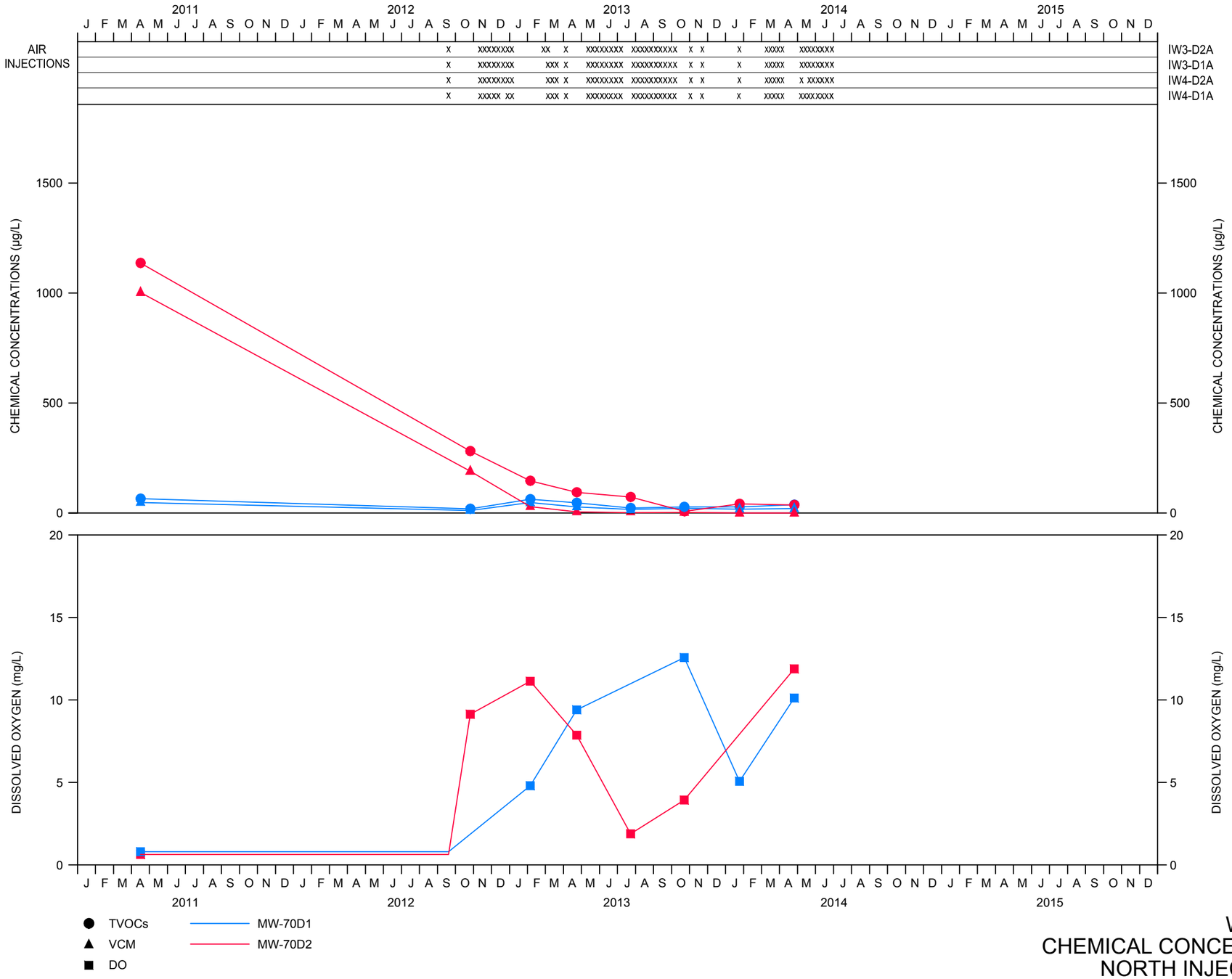


figure 14

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

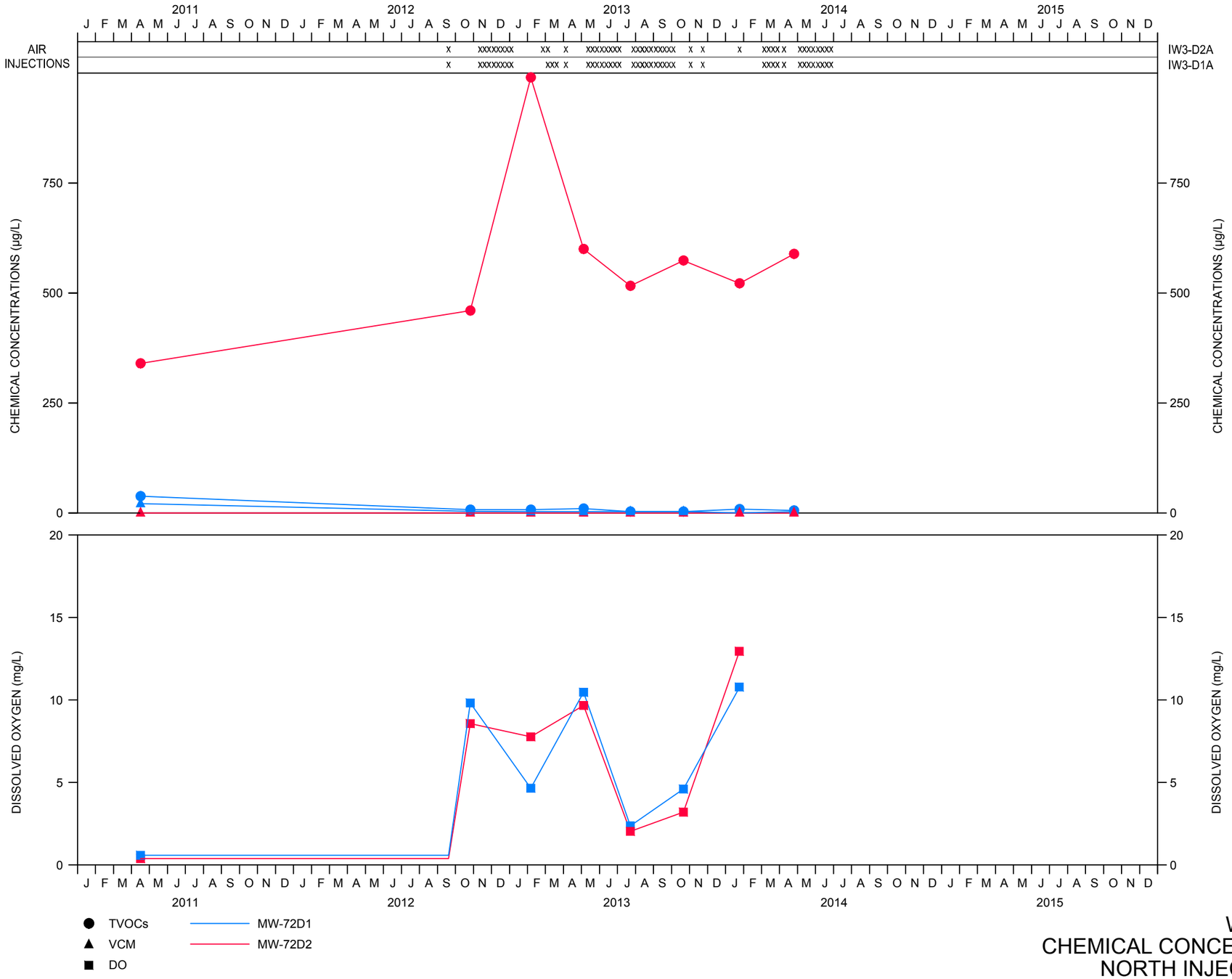


figure 15

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

06883-D23102(TACC049)GN-WA014 JUL 3/2014

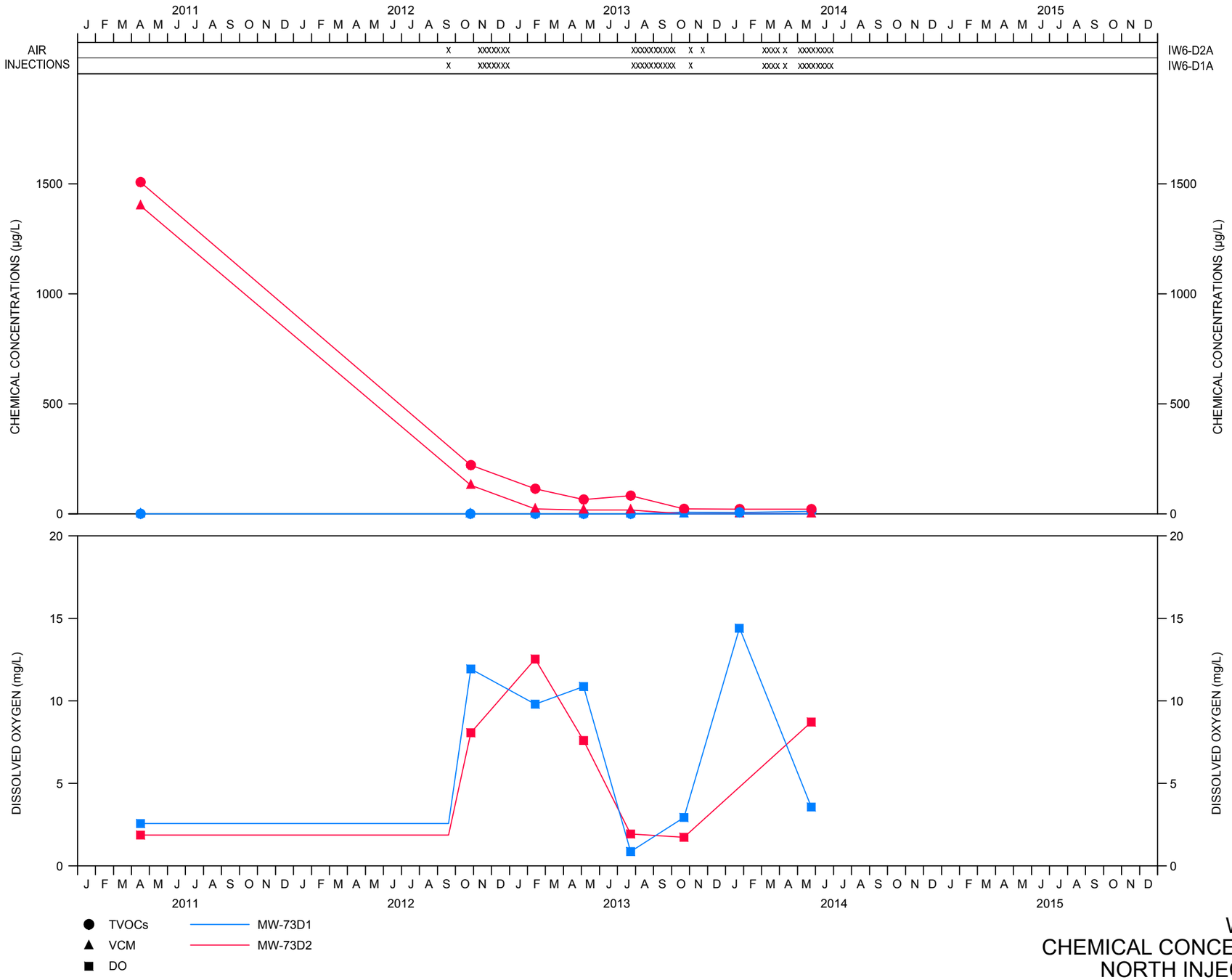


figure 16

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

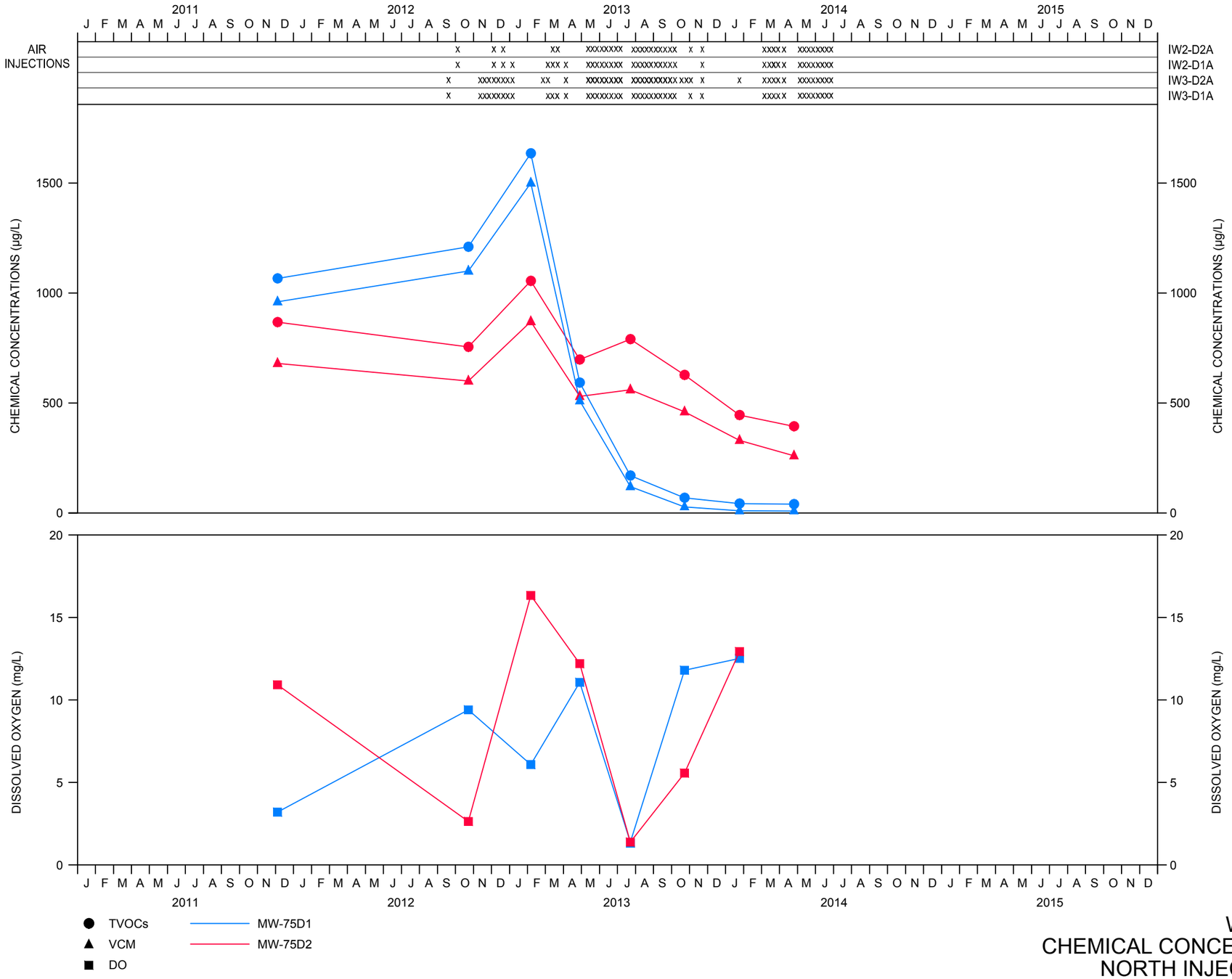


figure 17

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

06883-D23102(TACC049)GN-WA016 JUL 3/2014

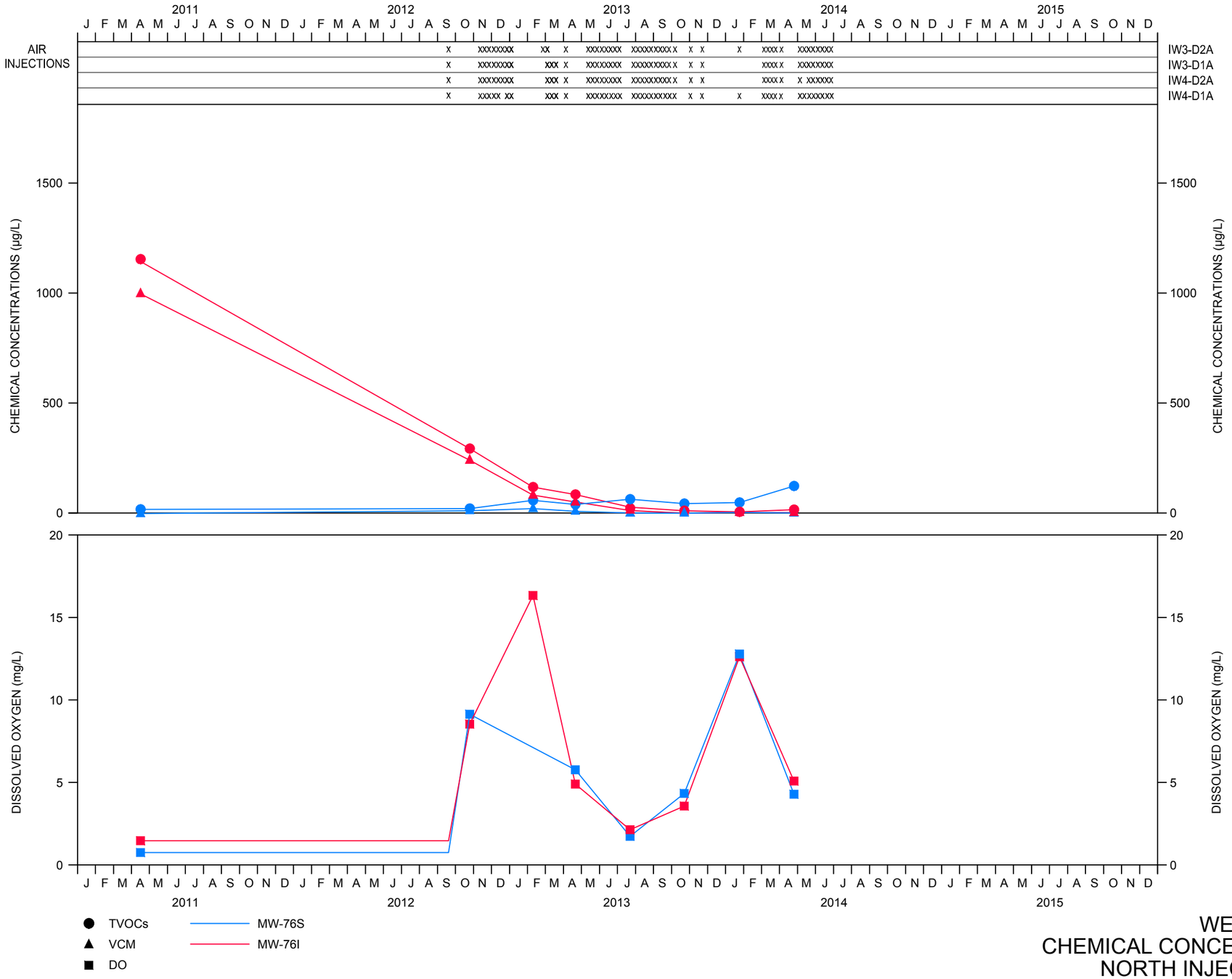


figure 18

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

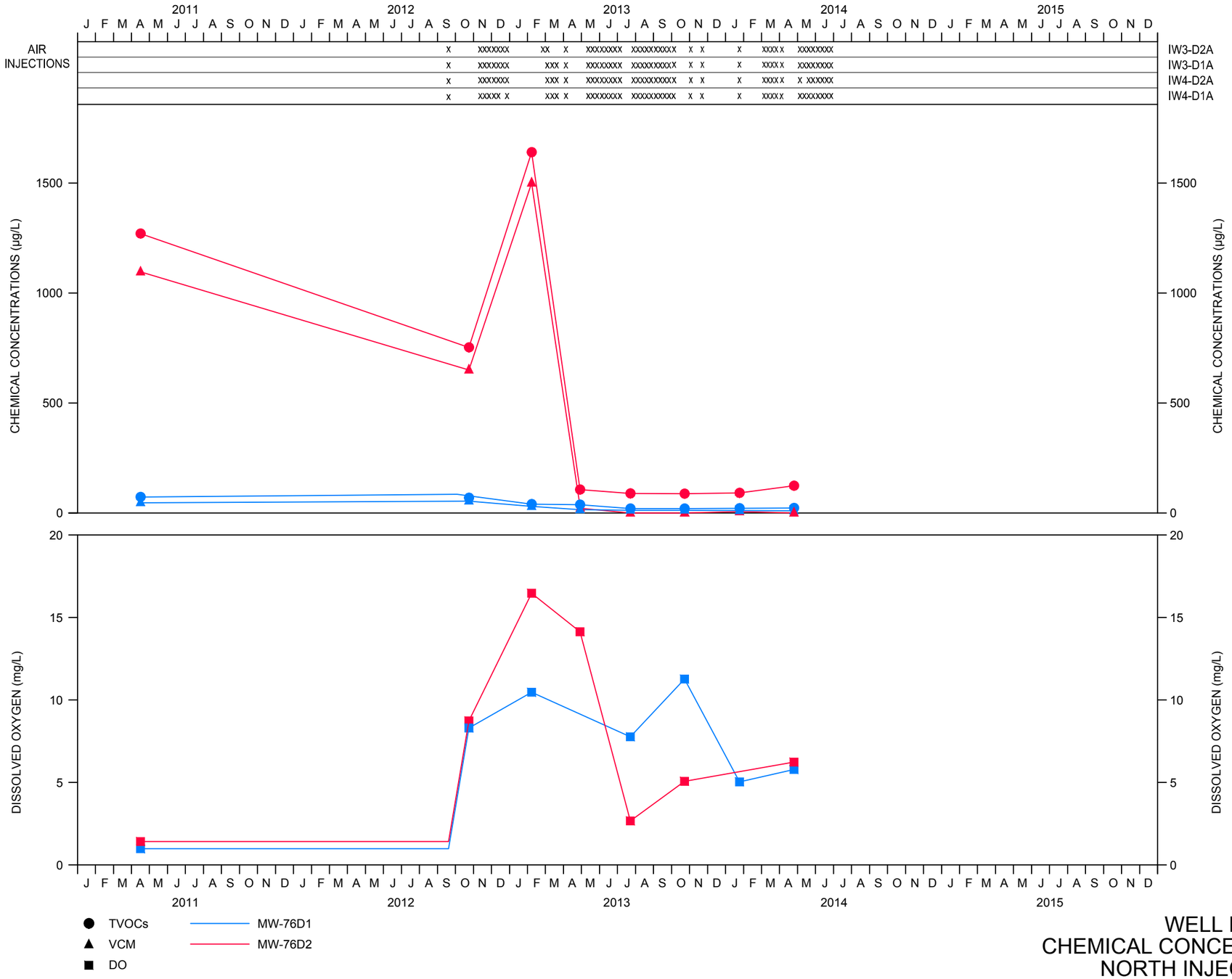


figure 19

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

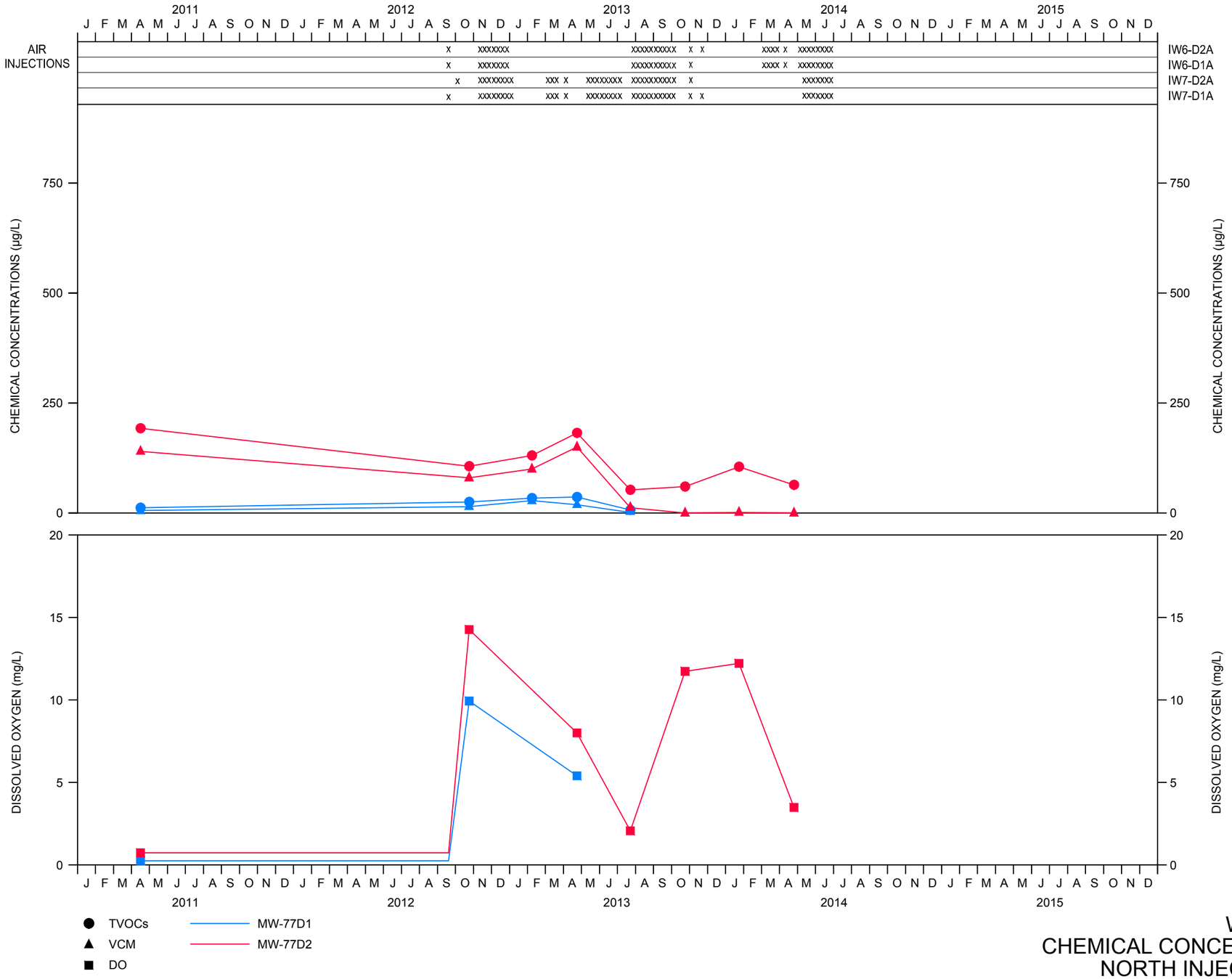


figure 20

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

06883-D23102(TACC049)GN-WA019 JUL 3/2014

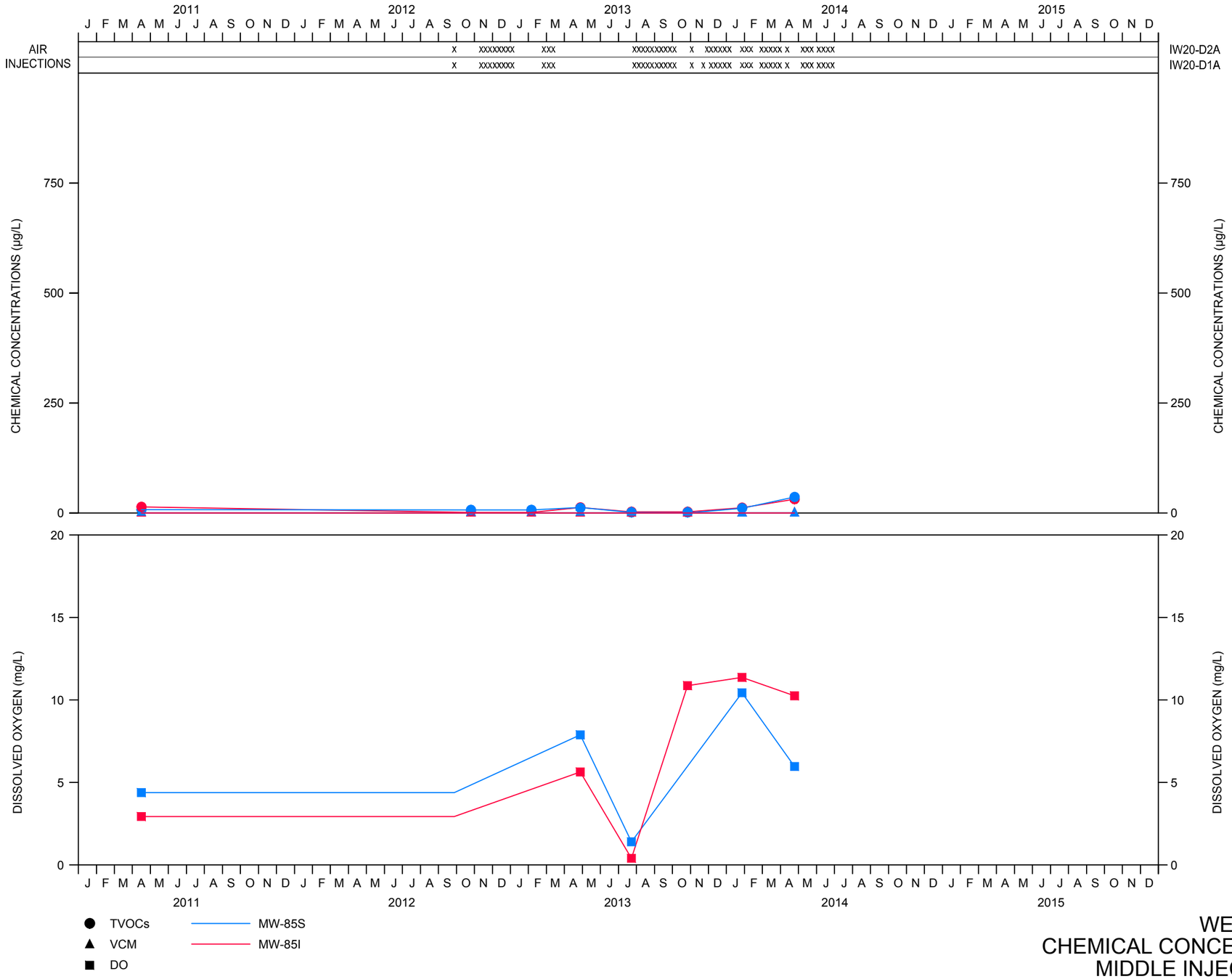


figure 21

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

06883-D23102(TACC049)GN-WA020 JUL 3/2014

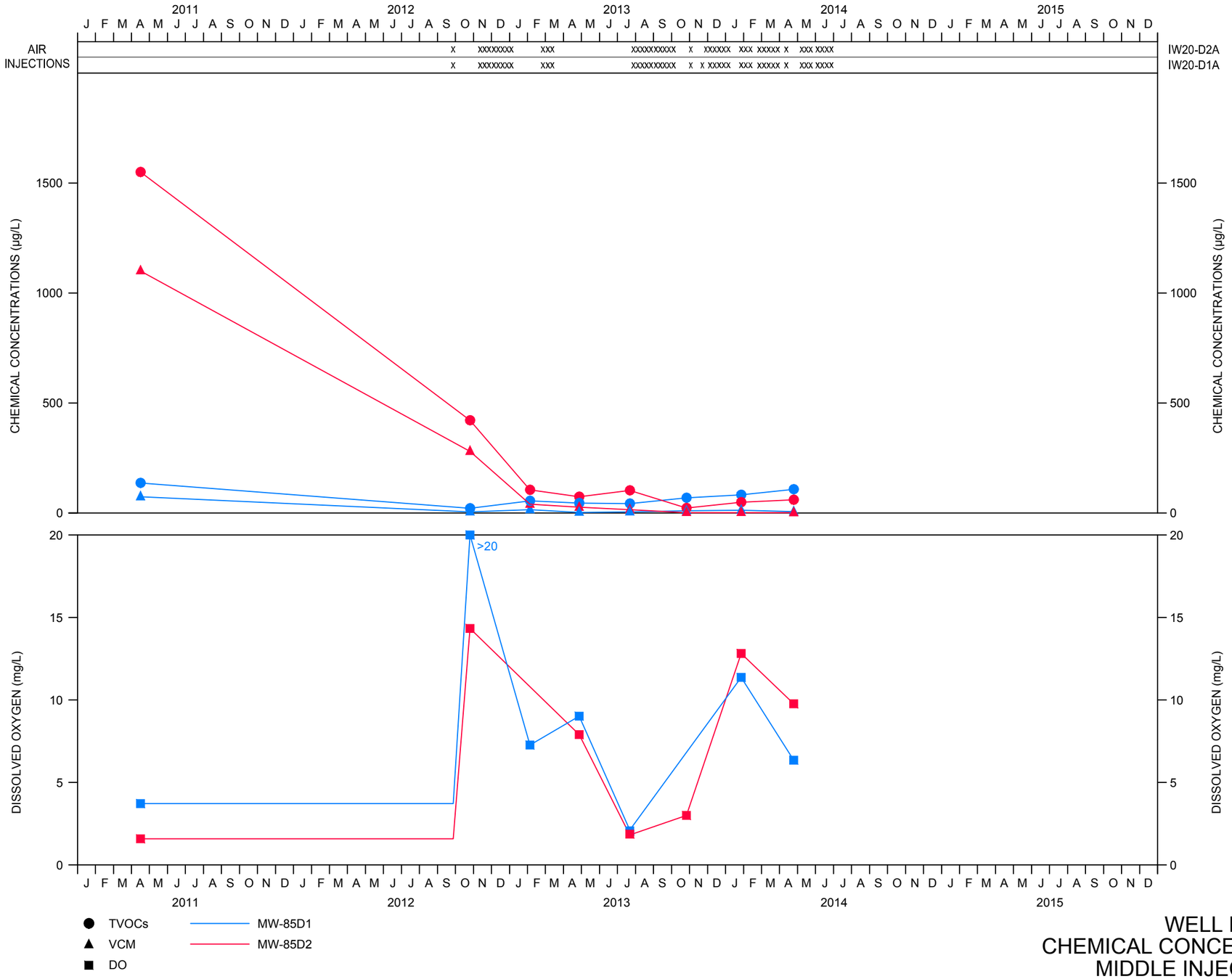


figure 22

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

06883-D23102(TACC049)GN-WA021 JUL 3/2014

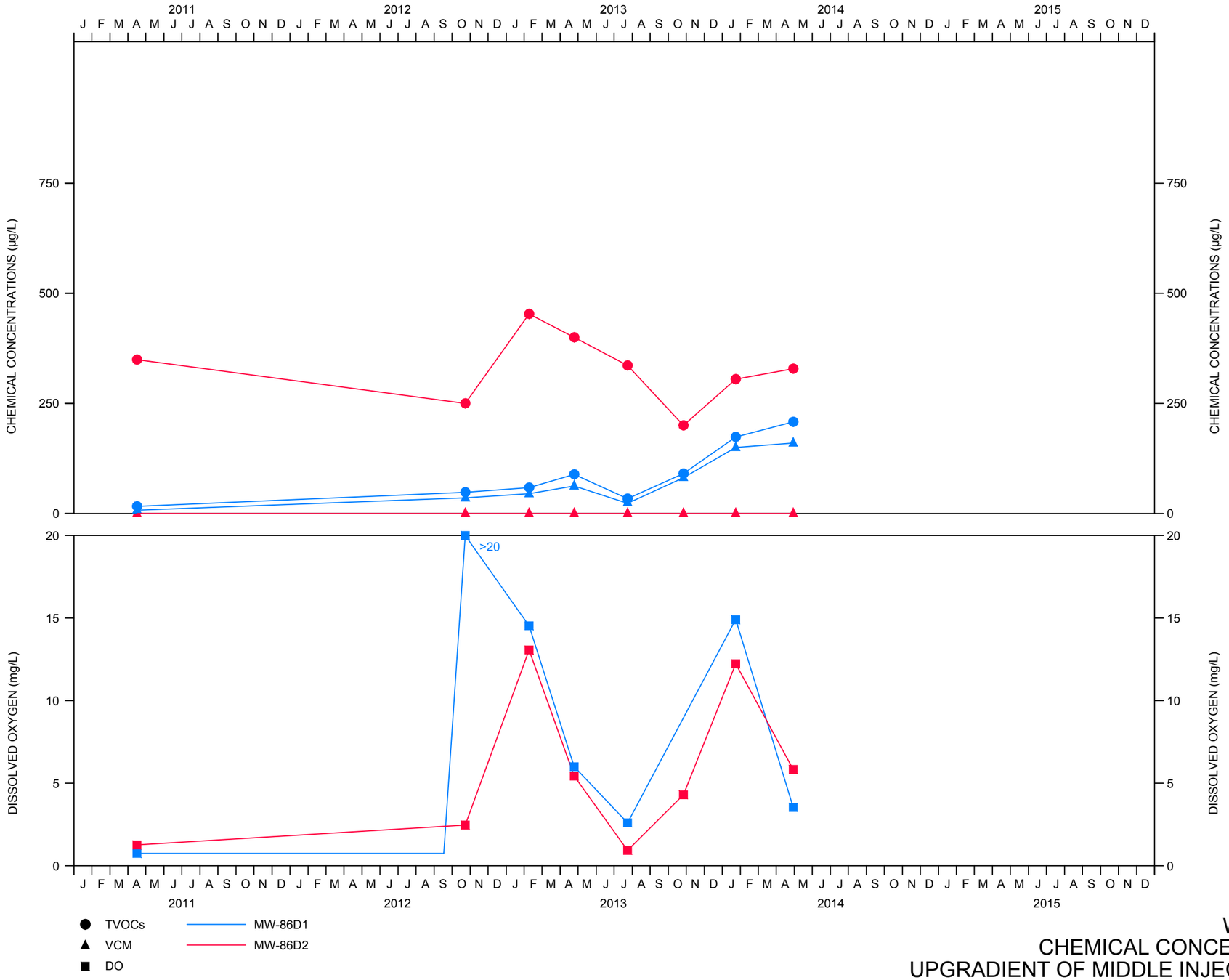


figure 23

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

06883-D23102(TACC049)GN-WA022 JUL 3/2014

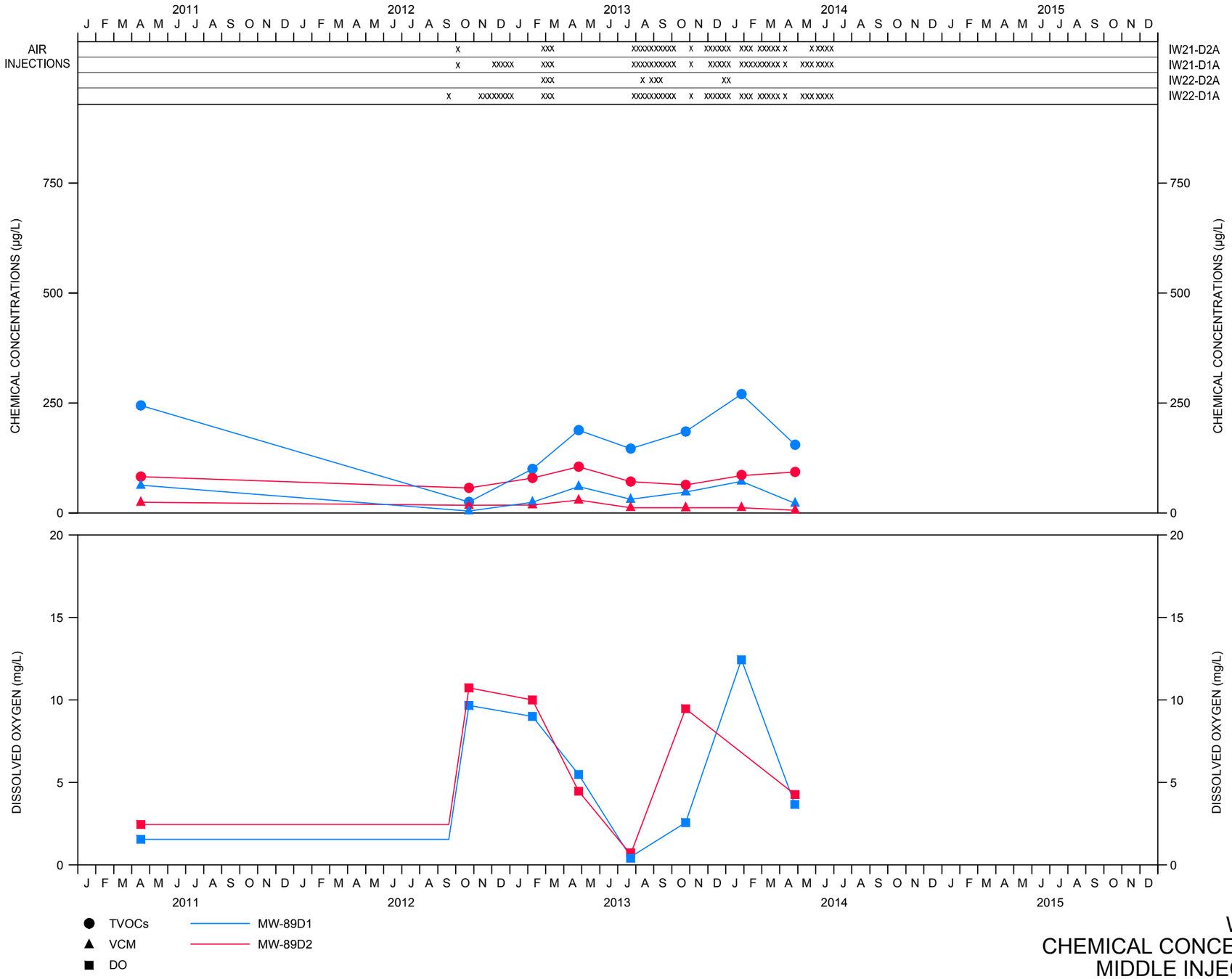


figure 24

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

06883-D23102(TACC049)GN-WA023 JUL 3/2014

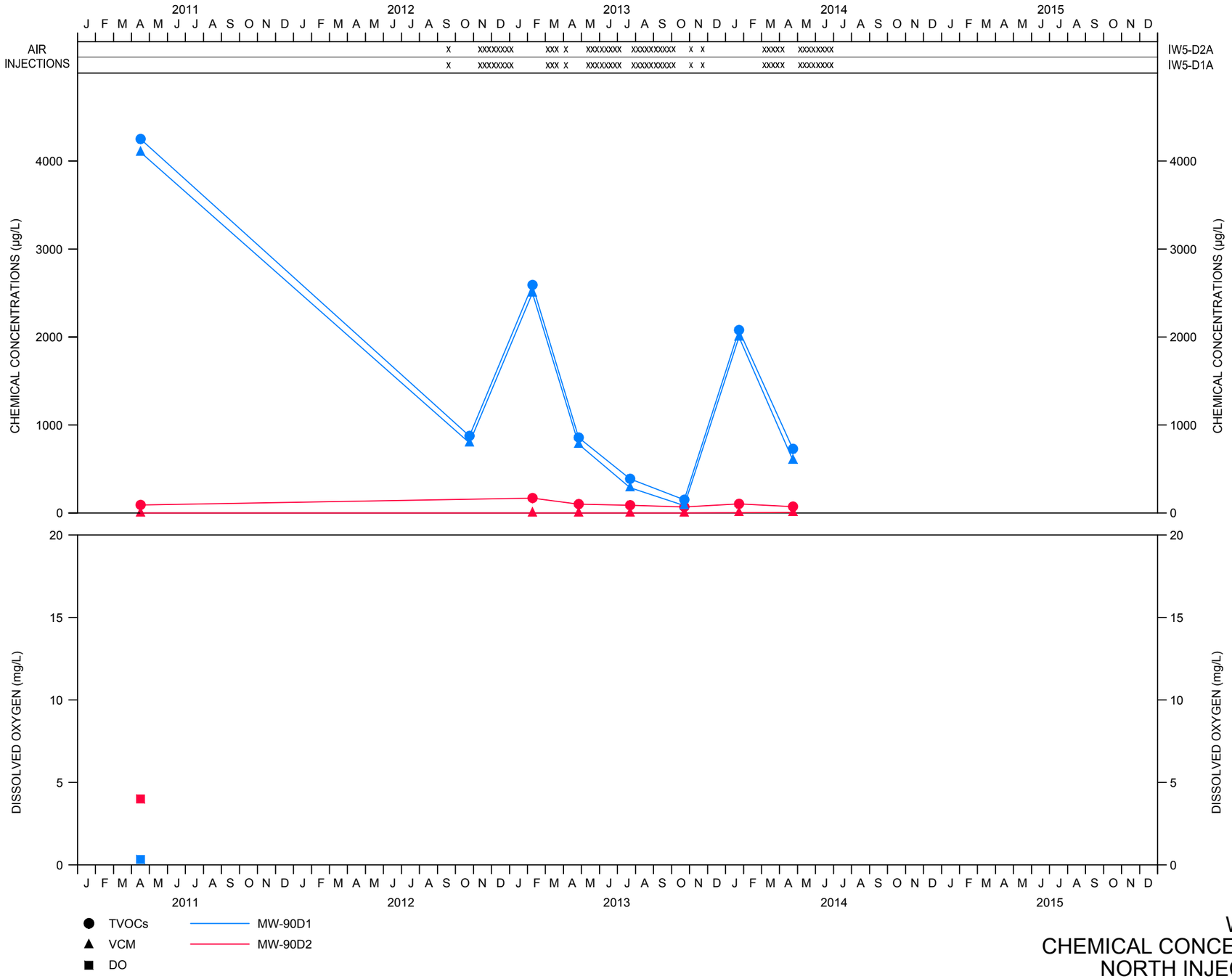


figure 25

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

06883-D23102(TACC049)GN-WA024 JUL 3/2014

Attachment A

Quality Assurance/Quality Control Report

CONESTOGA-ROVERS & ASSOCIATES

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Niagara Falls, New York 14304
Telephone: (716) 297-6150 Fax: (716) 297-2265
www.CRAworld.com

MEMORANDUM

TO:	Klaus Schmidtke	REF. NO.:	006883
FROM:	Kathy Willy/bjw/10	DATE:	June 20, 2014

RE: Analytical Results and Full Validation
Quarterly Groundwater Monitoring
Glenn Springs Holdings, Inc.
Hicksville, New York
April 2014

1.0 Introduction

The following document details a validation of analytical results for groundwater and soil vapor samples collected in support of the quarterly groundwater monitoring at the Hicksville Site during April 2014. Samples were submitted to Spectrum Analytical, Inc., located in North Kingstown, 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. Copies of the chain of custody can be found in Attachment A.

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

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

i) "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-08-01, June 2008

ii) "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review", USEPA 540-R-10-011, January 2010

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

2.0 Sample Holding Time and Preservation

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

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

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

Organic Analyses

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

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

4.0 Initial Calibration - Organic Analyses

GC/MS

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

i) All relative response factors (RRFs) must be greater than or equal to 0.05

ii) The percent relative standard deviation (RSD) values must not exceed 30.0 percent or a minimum correlation coefficient (R) of 0.995 and minimum coefficient of determination (R^2) of 0.99 if linear and quadratic equation calibration curves, respectively, are used

The initial calibration data for VOCs were reviewed. All compounds met the above criteria for sensitivity and linearity with the exception of naphthalene, bromomethane and ethanol which showed some variability. A summary of qualified results can be found in Table 4.

5.0 Initial Calibration – Inorganic Analyses

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

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

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.

6.0 Continuing Calibration - Organic Analyses

GC/MS

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

The following criteria were employed to evaluate continuing calibration data:

i) All RRF values must be greater than or equal to 0.05

ii) Percent difference (%D) values must not exceed 25 percent (30 percent for TO-15)

Calibration standards were analyzed at the required frequency, and the results met the above criteria for instrument sensitivity and stability with the exception of several VOCs which showed some variability. A summary of qualified results can be found in Table 5.

7.0 Continuing Calibration - Inorganic Analyses

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

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

8.0 Laboratory Blank Analyses

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

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

Organic Analyses

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

Inorganic Analyses

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

9.0 Surrogate spike recoveries

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

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

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the above criteria with the exception of a slightly high recovery for bromofluoromethane. Positive sample

results have been qualified as estimated to reflect the implied high bias. A summary of qualified results is presented in Table 6.

10.0 Internal Standards (IS) Analyses

IS data were evaluated for all VOC sample analyses.

Organics Analyses

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

The sample IS results were evaluated against the following criteria:

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

ii) IS area counts must not vary by more than a factor of two (-50 percent to +100 percent) from the associated calibration standard for Method 8260

iii) IS area counts must be within 60 percent to 140 percent for Method TO-15

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

11.0 Laboratory Control Sample Analyses

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

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

Organic Analyses

The LCS/LCSD contained all compounds of interest. All LCS recoveries and RPDs were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision with the exception of some high recoveries for ethanol. All associated positive sample results were qualified as estimated based on the implied high bias. A summary of qualified results is presented in Table 7.

Inorganic Analyses

The LCS/LCSD contained all analytes of interest. LCS recoveries were assessed per the "Guidelines". All LCS recoveries and RPDs were within the control limits, demonstrating acceptable analytical accuracy and precision with the exception of some outliers for ammonia and phosphorous. A summary of qualified results is presented in Table 7.

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

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

Site specific MS/MSDs were not requested for this sampling event.

13.0 Field QA/QC Samples

The field QA/QC consisted of four (4) trip blank samples and two (2) rinse blank samples.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, four (4) trip blanks were submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest.

Rinse Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the site, and cleanliness of sample containers, two (2) rinse blanks were submitted for analysis, as identified in Table 1. All results were non-detect for the analytes of interest.

14.0 Tentatively Identified Compounds (TICS)

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

A summary of the TICs reported by the laboratory is presented in Table 8. Per the "Guidelines", TICs that were present in the method blanks or identified as solvent preservatives/aldol reaction products were rejected and are not included in the table.

15.0 Analyte Reporting

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

16.0 Target Compound Identification

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

17.0 Conclusion

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

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

					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***
GW042314VW001	MW-75D1	Water	4/23/2014	08:35	x	x		x	x	x		
GW042314VW002	MW-75D2	Water	4/23/2014	09:03	x	x		x	x	x		
GW042314VW003	MW-72D1	Water	4/23/2014	09:27	x	x		x	x	x		
GW042314VW004	MW-72D2	Water	4/23/2014	09:45	x	x		x	x	x		
GW042314VW005	MW-70D1	Water	4/23/2014	10:08	x	x		x	x	x		
GW042314VW006	MW-70D2	Water	4/23/2014	10:30	x	x		x	x	x		
GW042314VW007	MW-76S	Water	4/23/2014	11:45	x	x		x	x	x		
GW042314VW008	MW-76I	Water	4/23/2014	12:00	x	x		x	x	x		
GW042314VW009	MW-76D1	Water	4/23/2014	12:20	x	x		x	x	x		
GW042314VW010	MW-76D2	Water	4/23/2014	12:40	x	x		x	x	x		
GW042314VW011	MW-90D1	Water	4/23/2014	11:08					x			
GW042314VW012	MW-90D2	Water	4/23/2014	11:11					x			
GW042314VW013	Field Blank	Water	4/23/2014	13:30	x	x		x	x	x		Field Blank
TRIP BLANK 4/23/14	Trip Blank	Water	4/23/2014	-					x			Trip Blank
GW042414VW014	MW-63D1	Water	4/24/2014	08:15	x	x		x	x	x		
GW042414VW015	MW-63D2	Water	4/24/2014	08:20	x	x		x	x	x		
GW042414VW016	MW-73D1	Water	4/24/2014	09:00	x	x		x	x	x		
GW042414VW017	MW-73D2	Water	4/24/2014	09:15	x	x		x	x	x		
GW042414VW018	MW-77D2	Water	4/24/2014	09:45	x	x		x	x	x		
GW042414VW019	MW-85S	Water	4/24/2014	11:10	x	x		x	x	x		
GW042414VW020	MW-85I	Water	4/24/2014	11:25	x	x		x	x	x		
GW042414VW021	MW-85D1	Water	4/24/2014	11:45	x	x		x	x	x		
GW042414VW022	MW-85D2	Water	4/24/2014	12:00	x	x		x	x	x		
GW042414VW023	MW-89D1	Water	4/24/2014	12:40	x	x		x	x	x		

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

					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***
GW042414VW024	MW-89D2	Water	4/24/2014	12:55	x	x		x	x	x		
TRIP BLANK 4/24	Trip Blank	Water	4/24/2014	-					x			Trip Blank
GW042514VW025	MW-68S	Water	4/25/2014	09:20	x	x		x	x	x		
GW042514VW026	MW-68D	Water	4/25/2014	09:40	x	x		x	x	x		
GW042514VW027	MW-67S	Water	4/25/2014	10:00	x	x		x	x	x		
GW042514VW028	MW-67D	Water	4/25/2014	10:30					x			
GW042514VW029	MW-66D2	Water	4/25/2014	10:52	x	x		x	x	x		
GW042514VW030	MW-88D1	Water	4/25/2014	11:30	x	x		x	x	x		
GW042514VW031	MW-88D2	Water	4/25/2014	11:40	x	x		x	x	x		
GW042514VW032	MW-82D1	Water	4/25/2014	12:00	x	x		x	x	x		
GW042514VW033	MW-82D2	Water	4/25/2014	12:20	x	x		x	x	x		
GW042514VW034	MW-84D1	Water	4/25/2014	12:44	x	x		x	x	x		
GW042514VW035	MW-84D2	Water	4/25/2014	12:56	x	x		x	x	x		
TRIP BLANK 4/25	Trip Blank	Water	4/25/2014	-					x			Trip Blank
GW042914VW036	MW-86D1	Water	4/29/2014	09:40	x	x		x	x	x		
GW042914VW037	MW-86D2	Water	4/29/2014	09:30	x	x		x	x	x		
GW042914VW038	MW-81D1	Water	4/29/2014	10:05	x	x		x	x	x		
GW042914VW039	MW-81D2	Water	4/29/2014	10:25	x	x		x	x	x		
GW042914VW040	MW-61D2	Water	4/29/2014	10:35					x			
GW042914VW041	MW-87D1	Water	4/29/2014	10:55	x	x		x	x	x		
GW042914VW042	MW-87D2	Water	4/29/2014	11:10	x	x		x	x	x		
GW042914VW043	MW-83D1	Water	4/29/2014	11:30	x	x		x	x	x		
GW042914VW044	MW-83D2	Water	4/29/2014	11:40	x	x		x	x	x		
GW042914VW045	Field Blank	Water	4/29/2014	12:00	x	x		x	x	x		Field Blank

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

					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***
TB 4/29/14	Trip Blank	Water	4/29/2014	-					x			Trip Blank
GW51514VW046	MW-63S	Water	5/15/2014	09:30	x	x		x	x	x		
GW51514VW047	MW-63I	Water	5/15/2014	09:50	x	x		x	x	x		
VZ4914MY008	VZ-4D	Soil Gas	4/9/2014	12:45			x				x	
VZ4914MY009	VZ-5S	Soil Gas	4/9/2014	12:50			x				x	
VZ4914MY013	VZ-2S	Soil Gas	4/9/2014	13:30			x				x	
VZ4914MY007	VZ-4S	Soil Gas	4/9/2014	12:30			x				x	
VZ4914MY005	VZ-1S	Soil Gas	4/9/2014	12:10			x				x	
VZ4914MY011	VZ-6S	Soil Gas	4/9/2014	13:10			x				x	
VZ4914MY006	VZ-1D	Soil Gas	4/9/2014	12:15			x				x	
VZ4914MY012	VZ-6D	Soil Gas	4/9/2014	13:20			x				x	
VZ4914MY002	VZ-17S	Soil Gas	4/9/2014	09:12			x				x	
VZ4914MY003	VZ-12D	Soil Gas	4/9/2014	09:45			x				x	
VZ4914MY004	VZ-12S	Soil Gas	4/9/2014	09:00			x				x	
VZ4914MY001	VZ-17D	Soil Gas	4/9/2014	09:30			x				x	
VZ4914MY010	VZ-5D	Soil Gas	4/9/2014	13:00			x				x	
VZ4914MY014	VZ-2D	Soil Gas	4/9/2014	13:45			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 2014

	Sample Location:	*VZ-1D*	*VZ-1S*	*VZ-2D*	*VZ-2S*	*VZ-4D*	*VZ-4S*	*VZ-5D*	*VZ-5S*
	Sample ID:	*VZ4914MY006*	*VZ4914MY005*	*VZ4914MY014*	*VZ4914MY013*	*VZ4914MY008*	*VZ4914MY007*	*VZ4914MY010*	*VZ4914MY009*
	Sample Date:	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*
Parameters	***Units***								
Volatile Organic Compounds									
1,1,1,2-Tetrachloroethane	ppbv	10.0 U	0.500 UJ	0.500 U	0.500 U	2.50 UJ	0.500 U	0.500 UJ	2.00 U
1,1,1-Trichloroethane	ppbv	10.0 U	0.500 UJ	0.500 U	0.500 U	2.50 UJ	0.500 U	1.23 J	2.00 U
1,1,2,2-Tetrachloroethane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
1,1,2-Trichloroethane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
1,1-Dichloroethane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
1,1-Dichloroethene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
1,2,4-Trichlorobenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.890	0.500 U	2.00 U
1,2,4-Trimethylbenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	1.04	0.500 U	2.00 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
1,2-Dichlorobenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
1,2-Dichloroethane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
1,2-Dichloropropane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 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	2.50 U	0.500 U	0.500 U	2.00 U
1,3,5-Trimethylbenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
1,3-Butadiene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
1,3-Dichlorobenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
1,4-Dichlorobenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
1,4-Dioxane	ppbv	10.0 U	0.500 U	2.97	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	10.0 U	0.500 U	0.760	0.500 U	2.50 U	4.73	0.600	2.36
2-Hexanone	ppbv	10.0 U	0.500 U	0.300 J	0.500 U	2.50 U	0.350 J	0.500 U	2.00 U
2-Phenylbutane (sec-Butylbenzene)	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
4-Ethyl toluene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.290 J	0.500 U	2.00 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	10.0 U	0.500 U	0.250 J	0.500 U	2.50 U	0.270 J	0.650	2.00 U
Acetone	ppbv	10.0 U	6.32	6.96	3.16	4.40	7.62	13.2	5.00
Acrylonitrile	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
Benzene	ppbv	10.0 U	0.500 U	0.230 J	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
Benzyl chloride	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.270 J	0.500 U	2.00 U
Bromodichloromethane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U

TABLE 2A

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*VZ-1D*	*VZ-1S*	*VZ-2D*	*VZ-2S*	*VZ-4D*	*VZ-4S*	*VZ-5D*	*VZ-5S*
	Sample ID:	*VZ4914MY006*	*VZ4914MY005*	*VZ4914MY014*	*VZ4914MY013*	*VZ4914MY008*	*VZ4914MY007*	*VZ4914MY010*	*VZ4914MY009*
	Sample Date:	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*
Parameters	***Units***								
Volatile Organic Compounds (Continued)									
Bromoform	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
Bromomethane (Methyl bromide)	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
Carbon disulfide	ppbv	40.0	0.520 J	28.5	0.430 J	76.8 J	0.700	96.5 J	2.00 U
Carbon tetrachloride	ppbv	10.0 U	0.500 UJ	0.500 U	0.500 U	2.50 UJ	0.500 U	0.500 UJ	2.00 U
Chlorobenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
Chloroethane	ppbv	11.6	0.500 U	1.73	0.500 U	3.55	0.500 U	15.6	2.00 U
Chloroform (Trichloromethane)	ppbv	10.0 U	0.500 U	0.470 J	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
Chloromethane (Methyl chloride)	ppbv	12.2	0.380 J	0.500 U	0.500 U	10.9	0.410 J	13.2	2.00 U
cis-1,2-Dichloroethene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.400 J	2.00 U
cis-1,3-Dichloropropene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
Cyclohexane	ppbv	10.0 U	0.210 J	0.600	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
Cymene (p-Isopropyltoluene)	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
Dibromochloromethane	ppbv	10.0 U	0.500 UJ	0.500 U	0.500 U	2.50 UJ	0.500 U	0.500 UJ	2.00 U
Dichlorodifluoromethane (CFC-12)	ppbv	10.0 U	0.510 J	0.840	0.580	2.50 UJ	0.470 J	0.560 J	2.00 U
Ethanol	ppbv	17.2 J	9.04 J	8.93 J	25.7 J	27.4 J	22.4 J	14.0 J	9.44 J
Ethyl acetate	ppbv	10.0 U	0.620 J	0.500 U	0.670	2.50 U	0.450 J	0.920 J	2.00 U
Ethylbenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.430 J	0.500 U	2.00 U
Hexachlorobutadiene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.360 J	0.500 U	2.00 U
Hexane	ppbv	10.0 U	2.67	0.950	4.48	2.75	0.740	2.87	2.04
Isopropyl alcohol	ppbv	10.0 U	1.02	1.55	2.46	2.05 J	2.12	2.39	1.08 J
Isopropyl benzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.520	2.00 U
m&p-Xylenes	ppbv	20.0 U	1.00 U	1.00 U	1.00 U	5.00 U	1.94	1.00 U	4.00 U
Methyl tert butyl ether (MTBE)	ppbv	10.0 U	0.500 UJ	0.500 U	0.500 U	2.50 UJ	0.500 U	0.500 UJ	2.00 U
Methylene chloride	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.590	2.00 U
Naphthalene	ppbv	10.0 UJ	0.500 UJ	0.500 UJ	0.580 J	2.50 UJ	0.770 J	0.500 UJ	2.00 UJ
N-Butylbenzene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
N-Heptane	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
o-Xylene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.490 J	0.500 U	2.00 U

TABLE 2A

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*VZ-1D*	*VZ-1S*	*VZ-2D*	*VZ-2S*	*VZ-4D*	*VZ-4S*	*VZ-5D*	*VZ-5S*
	Sample ID:	*VZ4914MY006*	*VZ4914MY005*	*VZ4914MY014*	*VZ4914MY013*	*VZ4914MY008*	*VZ4914MY007*	*VZ4914MY010*	*VZ4914MY009*
	Sample Date:	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*
Parameters	***Units***								
Volatile Organic Compounds (Continued)									
Propylene (propene)	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
Styrene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
Tetrachloroethene	ppbv	6.80 J	0.870	4.45	0.410 J	2.50	1.81	44.5	19.1
Tetrahydrofuran	ppbv	779	2.38 J	1.43	0.500 U	495 J	4.22	-	173
Toluene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	1.29	0.520	2.00 U
trans-1,2-Dichloroethene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
trans-1,3-Dichloropropene	ppbv	10.0 U	0.500 U	0.500 U	0.500 U	2.50 U	0.500 U	0.500 U	2.00 U
Trichloroethene	ppbv	10.0 U	0.500 U	0.310 J	0.500 U	2.50 U	0.500 U	2.09	2.00 U
Trichlorofluoromethane (CFC-11)	ppbv	10.0 U	0.700	0.840	0.860	2.50 U	0.500 U	0.760	2.00 U
Trifluorotrichloroethane (Freon 113)	ppbv	8.80 J	0.490 J	16.1	3.76	2.80	0.500 U	20.8	10.8
Vinyl chloride	ppbv	10.0 U	0.500 U	3.60	0.500 U	2.50 U	0.500 U	2.29	2.00 U
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	10.0 U

TABLE 2A

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*VZ-6D*	*VZ-6S*	*VZ-12D*	*VZ-12S*	*VZ-17D*	*VZ-17S*
	Sample ID:	*VZ4914MY012*	*VZ4914MY011*	*VZ4914MY003*	*VZ4914MY004*	*VZ4914MY001*	*VZ4914MY002*
	Sample Date:	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*
Parameters	***Units***						
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	ppbv	0.500 UJ	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
1,1,1-Trichloroethane	ppbv	0.500 UJ	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
1,1,2,2-Tetrachloroethane	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
1,1,2-Trichloroethane	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
1,1-Dichloroethane	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
1,1-Dichloroethene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
1,2,4-Trichlorobenzene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
1,2,4-Trimethylbenzene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	1.11
1,2-Dibromoethane (Ethylene dibromide)	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
1,2-Dichlorobenzene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.840
1,2-Dichloroethane	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
1,2-Dichloropropane	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
1,3,5-Trimethylbenzene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
1,3-Butadiene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
1,3-Dichlorobenzene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
1,4-Dichlorobenzene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
1,4-Dioxane	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.620
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	1.27	0.500 U	48.0	8.22	0.570	3.67
2-Hexanone	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.490 J
2-Phenylbutane (sec-Butylbenzene)	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
4-Ethyl toluene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.300 J
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	0.300 J	0.500 U	10.0 U	0.500 U	0.500 U	0.530
Acetone	ppbv	10.7	1.81	10.0 U	6.62	3.88	16.1
Acrylonitrile	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Benzene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Benzyl chloride	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Bromodichloromethane	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U

TABLE 2A

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*VZ-6D*	*VZ-6S*	*VZ-12D*	*VZ-12S*	*VZ-17D*	*VZ-17S*
	Sample ID:	*VZ4914MY012*	*VZ4914MY011*	*VZ4914MY003*	*VZ4914MY004*	*VZ4914MY001*	*VZ4914MY002*
	Sample Date:	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*
Parameters	***Units***						
Volatile Organic Compounds (Continued)							
Bromoform	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Bromomethane (Methyl bromide)	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Carbon disulfide	ppbv	20.0 J	0.500 U	22.4	0.500 U	18.4	0.950
Carbon tetrachloride	ppbv	0.500 UJ	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Chlorobenzene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Chloroethane	ppbv	0.450 J	0.500 U	10.0 U	0.500 U	1.00	0.500 U
Chloroform (Trichloromethane)	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Chloromethane (Methyl chloride)	ppbv	7.64	0.500 U	14.8	0.500 U	8.52	0.550
cis-1,2-Dichloroethene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
cis-1,3-Dichloropropene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Cyclohexane	ppbv	0.430 J	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Cymene (p-Isopropyltoluene)	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Dibromochloromethane	ppbv	0.500 UJ	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Dichlorodifluoromethane (CFC-12)	ppbv	0.490 J	0.630	10.0 U	4.43	10.5	7.27
Ethanol	ppbv	6.79 J	12.0 J	16.4 J	9.13 J	7.65 J	3.64 J
Ethyl acetate	ppbv	0.500 U	0.500 U	10.0 U	0.280 J	0.500 U	6.98
Ethylbenzene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Hexachlorobutadiene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Hexane	ppbv	0.280 J	1.44	10.0 U	1.46	1.78	4.04
Isopropyl alcohol	ppbv	1.93	1.35	10.0 U	0.730	0.870	2.44
Isopropyl benzene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
m&p-Xylenes	ppbv	1.00 U	1.00 U	20.0 U	1.00 U	1.00 U	1.20
Methyl tert butyl ether (MTBE)	ppbv	0.490 J	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Methylene chloride	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Naphthalene	ppbv	0.500 UJ	0.670 J	10.0 UJ	0.500 UJ	0.500 UJ	0.780 J
N-Butylbenzene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.270 J
N-Heptane	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
o-Xylene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.410 J

TABLE 2A

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*VZ-6D*	*VZ-6S*	*VZ-12D*	*VZ-12S*	*VZ-17D*	*VZ-17S*
	Sample ID:	*VZ4914MY012*	*VZ4914MY011*	*VZ4914MY003*	*VZ4914MY004*	*VZ4914MY001*	*VZ4914MY002*
	Sample Date:	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*	*4/9/2014*
Parameters	***Units***						
Volatile Organic Compounds (Continued)							
Propylene (propene)	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.350 J
Styrene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Tetrachloroethene	ppbv	5.44	0.840	18.6	25.1	13.8	6.61
Tetrahydrofuran	ppbv	85.1 J	5.46	1050	9.45	20.5	4.48
Toluene	ppbv	0.270 J	0.500 U	10.0 U	0.500 U	0.500 U	0.380 J
trans-1,2-Dichloroethene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
trans-1,3-Dichloropropene	ppbv	0.500 U	0.500 U	10.0 U	0.500 U	0.500 U	0.500 U
Trichloroethene	ppbv	0.290 J	0.500 U	10.0 U	0.180 J	0.500 U	0.500 U
Trichlorofluoromethane (CFC-11)	ppbv	0.550	0.860	10.0 U	6.91	10.8	6.15
Trifluorotrichloroethane (Freon 113)	ppbv	13.9	8.59	9.20 J	7.73	3.95	2.58
Vinyl chloride	ppbv	0.410 J	0.500 U	10.0 U	0.500 U	1.77	0.500 U
General Chemistry							
Methane	ppmv	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U

Notes:

J - Estimated Concentration
U - Not detected at the associated reporting limit.

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*MW-61D2*	*MW-63D1*	*MW-63D2*	*MW-63I*	*MW-63S*	*MW-66D2*
	Sample ID:	*GW042914VW040*	*GW042414VW014*	*GW042414VW015*	*GW51514VW047*	*GW51514VW046*	*GW042514VW029*
	Sample Date:	*4/29/2014*	*4/24/2014*	*4/24/2014*	*5/15/2014*	*5/15/2014*	*4/25/2014*
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	0.78 J	5.0 U	5.0 U	5.0 U	5.0 U	1.6 J
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	42	13	14	13	35	42
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	5.0 U	2.3 J	5.0 U	5.0 U	1.2 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	3.4 J	2.7 J	2.5 J	5.0 U	1.9 J	1.3 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

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*MW-61D2*	*MW-63D1*	*MW-63D2*	*MW-63I*	*MW-63S*	*MW-66D2*
	Sample ID:	*GW042914VW040*	*GW042414VW014*	*GW042414VW015*	*GW51514VW047*	*GW51514VW046*	*GW042514VW029*
	Sample Date:	*4/29/2014*	*4/24/2014*	*4/24/2014*	*5/15/2014*	*5/15/2014*	*4/25/2014*
Parameters	***Units***						
Volatile Organic Compounds (Continued)							
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	9.9	7.9	1.5 J	7.0	47
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
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	73	7.3	8.1	5.0 U	6.0	61
Vinyl chloride	µg/L	1.2 J	29	29	3.4 J	18	5.0 U
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	-	0.100 U	0.089 J	0.091 J	0.085 J	1.10 J
Nitrate (as N)	mg/L	-	2.00 U	2.00 U	0.412 J	0.321 J	2.00 U
Nitrite (as N)	mg/L	-	2.00 U	2.00 U	0.100 UJ	0.100 UJ	2.00 U
Phosphorus	mg/L	-	0.10	0.24	0.035	0.062	0.075
Total organic carbon (TOC)	mg/L	-	10 U	10 U	10 U	10 U	10 U

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*MW-67D*	*MW-67S*	*MW-68D*	*MW-68S*	*MW-70D1*	*MW-70D2*
	Sample ID:	*GW042514VW028*	*GW042514VW027*	*GW042514VW026*	*GW042514VW025*	*GW042314VW005*	*GW042314VW006*
	Sample Date:	*4/25/2014*	*4/25/2014*	*4/25/2014*	*4/25/2014*	*4/23/2014*	*4/23/2014*
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	0.88 J	1.2 J	1.1 J	2.7 J	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	3.3 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	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	40	41	37	33	13	10
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	3.9 J	5.0 U	11	5.0 U	2.0 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	1.7 J	10	1.7 J	41	5.0 U	8.7
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

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*MW-67D*	*MW-67S*	*MW-68D*	*MW-68S*	*MW-70D1*	*MW-70D2*
	Sample ID:	*GW042514VW028*	*GW042514VW027*	*GW042514VW026*	*GW042514VW025*	*GW042314VW005*	*GW042314VW006*
	Sample Date:	*4/25/2014*	*4/25/2014*	*4/25/2014*	*4/25/2014*	*4/23/2014*	*4/23/2014*
Parameters	***Units***						
Volatile Organic Compounds (Continued)							
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	4.8 J	4.9 J	7.3	99	4.1 J	11
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
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	25	9.6	47	81	1.2 J	3.8 J
Vinyl chloride	µg/L	5.0 U	38	5.0 U	270	20	5.0 U
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	-	0.225 J	1.19 J	1.51 J	0.157	0.219
Nitrate (as N)	mg/L	-	2.00 U	2.41	2.00 U	2.00 U	2.00 U
Nitrite (as N)	mg/L	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Phosphorus	mg/L	-	0.030 U	0.10	0.86	0.030 U	0.14
Total organic carbon (TOC)	mg/L	-	10 U	10 U	10 U	10 U	10 U

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*MW-72D1*	*MW-72D2*	*MW-73D1*	*MW-73D2*	*MW-75D1*	*MW-75D2*
	Sample ID:	*GW042314VW003*	*GW042314VW004*	*GW042414VW016*	*GW042414VW017*	*GW042314VW001*	*GW042314VW002*
	Sample Date:	*4/23/2014*	*4/23/2014*	*4/24/2014*	*4/24/2014*	*4/23/2014*	*4/23/2014*
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	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	5.0 U	5.0 U	11	14	8.9	12
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 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	5.0 U
Chloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	3.0 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	5.0 U	94	5.0 U	5.0 U	8.2	33
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

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*MW-72D1*	*MW-72D2*	*MW-73D1*	*MW-73D2*	*MW-75D1*	*MW-75D2*
	Sample ID:	*GW042314VW003*	*GW042314VW004*	*GW042414VW016*	*GW042414VW017*	*GW042314VW001*	*GW042314VW002*
	Sample Date:	*4/23/2014*	*4/23/2014*	*4/24/2014*	*4/24/2014*	*4/23/2014*	*4/23/2014*
Parameters	***Units***						
Volatile Organic Compounds (Continued)							
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	1.3 J	450	5.0 U	5.3	6.3	31
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	2.4 J	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	1.6 J	43	5.0 U	2.0 J	4.9 J	47
Vinyl chloride	µg/L	2.9 J	5.0 U	5.0 U	5.0 U	9.0	260
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	0.090 J	0.665	0.303	1.03	0.180	0.553
Nitrate (as N)	mg/L	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Nitrite (as N)	mg/L	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Phosphorus	mg/L	0.036	0.054	0.11	0.030 U	0.030 U	0.054
Total organic carbon (TOC)	mg/L	10 U	10 U	7.7 J	10 U	10 U	10 U

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

Sample Location:		*MW-76D1*	*MW-76D2*	*MW-76I*	*MW-76S*	*MW-77D2*	*MW-81D1*
Sample ID:		*GW042314VW009*	*GW042314VW010*	*GW042314VW008*	*GW042314VW007*	*GW042414VW018*	*GW042914VW038*
Sample Date:		*4/23/2014*	*4/23/2014*	*4/23/2014*	*4/23/2014*	*4/24/2014*	*4/29/2014*
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	0.72 J
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	3.3 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	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	9.6	12	12	10	11	42
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 UJ	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	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	5.0 U	4.7 J	5.0 U	5.0 U	5.0 U	10
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	11	1.4 J	110	2.0 J	19
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

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*MW-76D1*	*MW-76D2*	*MW-76I*	*MW-76S*	*MW-77D2*	*MW-81D1*
	Sample ID:	*GW042314VW009*	*GW042314VW010*	*GW042314VW008*	*GW042314VW007*	*GW042414VW018*	*GW042914VW038*
	Sample Date:	*4/23/2014*	*4/23/2014*	*4/23/2014*	*4/23/2014*	*4/24/2014*	*4/29/2014*
Parameters	***Units***						
Volatile Organic Compounds (Continued)							
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	4.1 J	78	5.0 U	2.0 J	33	97
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
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	17	5.0 U	5.0 U	18	220
Vinyl chloride	µg/L	9.5	5.0 U	1.5 J	5.0 U	5.0 U	1.8 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	0.252	0.247	0.362	0.254	0.774	0.977 J
Nitrate (as N)	mg/L	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	3.44
Nitrite (as N)	mg/L	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.00 U
Phosphorus	mg/L	0.052	0.030 U	0.056	0.048	0.030 U	0.15 J
Total organic carbon (TOC)	mg/L	10 U	10 U	10 U	10 U	10 U	10 U

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*MW-81D2*	*MW-82D1*	*MW-82D2*	*MW-83D1*	*MW-83D2*	*MW-84D1*
	Sample ID:	*GW042914VW039*	*GW042514VW032*	*GW042514VW033*	*GW042914VW043*	*GW042914VW044*	*GW042514VW034*
	Sample Date:	*4/29/2014*	*4/25/2014*	*4/25/2014*	*4/29/2014*	*4/29/2014*	*4/25/2014*
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	1.2 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	0.78 J	4.9 J	1.6 J	0.82 J	0.87 J	7.1
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	2.7 J	0.86 J	5.0 U
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	31	43	43	36	31	43
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 UJ	5.0 UJ	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	4.5 J	5.0 U	15	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	9.0	2.7 J	0.98 J	27	8.2	1.8 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

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*MW-81D2*	*MW-82D1*	*MW-82D2*	*MW-83D1*	*MW-83D2*	*MW-84D1*
	Sample ID:	*GW042914VW039*	*GW042514VW032*	*GW042514VW033*	*GW042914VW043*	*GW042914VW044*	*GW042514VW034*
	Sample Date:	*4/29/2014*	*4/25/2014*	*4/25/2014*	*4/29/2014*	*4/29/2014*	*4/25/2014*
Parameters	***Units***						
Volatile Organic Compounds (Continued)							
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	5.8	16	3.0 J	40	19	41
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
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	29	20	3.9 J	210	100	30
Vinyl chloride	µg/L	5.0 U	1.7 J	5.0 U	2.1 J	5.0 U	5.0 U
Xylenes (total)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
General Chemistry							
Ammonia-N	mg/L	2.04 J	0.100 U	2.82 J	0.100 UJ	0.159 J	0.100 U
Nitrate (as N)	mg/L	2.00 U	2.50	2.00 U	1.00 U	4.17	4.04
Nitrite (as N)	mg/L	2.00 U	2.00 U	2.00 U	1.00 U	1.00 U	2.00 U
Phosphorus	mg/L	0.30 J	0.12	0.064	0.19 J	0.15 J	0.032
Total organic carbon (TOC)	mg/L	10 U	10 U	10 U	10 U	10 U	10 U

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

Sample Location:		*MW-84D2*	*MW-85D1*	*MW-85D2*	*MW-85I*	*MW-85S*	*MW-86D1*
Sample ID:		*GW042514VW035*	*GW042414VW021*	*GW042414VW022*	*GW042414VW020*	*GW042414VW019*	*GW042914VW036*
Sample Date:		*4/25/2014*	*4/24/2014*	*4/24/2014*	*4/24/2014*	*4/24/2014*	*4/29/2014*
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	1.9 J	4.6 J	1.9 J	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	40	34	36	30	35	34
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	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	5.0 U	4.9 J	1.4 J	5.0 U	5.0 U	3.3 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	6.5	5.4	1.1 J	5.0 U	5.0 U	4.0 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

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*MW-84D2*	*MW-85D1*	*MW-85D2*	*MW-85I*	*MW-85S*	*MW-86D1*
	Sample ID:	*GW042514VW035*	*GW042414VW021*	*GW042414VW022*	*GW042414VW020*	*GW042414VW019*	*GW042914VW036*
	Sample Date:	*4/25/2014*	*4/24/2014*	*4/24/2014*	*4/24/2014*	*4/24/2014*	*4/29/2014*
Parameters	***Units***						
Volatile Organic Compounds (Continued)							
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	30	5.9	1.2 J	0.99 J	8.2
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
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	23	13	5.0 U	5.0 U	1.3 J
Vinyl chloride	µg/L	5.0 U	5.7	0.93 J	5.0 U	5.0 U	160
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	0.817 J	0.100 U	0.476 J	0.100	0.147	1.20 J
Nitrate (as N)	mg/L	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Nitrite (as N)	mg/L	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Phosphorus	mg/L	0.030 U	0.032	0.090	0.030 U	0.030 U	0.14 J
Total organic carbon (TOC)	mg/L	10 U	10 U	10 U	10 U	10 U	10 U

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*MW-86D2*	*MW-87D1*	*MW-87D2*	*MW-88D1*	*MW-88D2*
	Sample ID:	*GW042914VW037*	*GW042914VW041*	*GW042914VW042*	*GW042514VW030*	*GW042514VW031*
	Sample Date:	*4/29/2014*	*4/29/2014*	*4/29/2014*	*4/25/2014*	*4/25/2014*
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	0.71 J	0.57 J	1.5 J	5.0 U	2.1 J
1,1-Dichloroethene	µg/L	2.6 J	2.3 J	3.3 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
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	33	43	38	39	36 J
Benzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 UJ	5.0 UJ	5.0 UJ	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	1.1 J	5.0 U
Chloroethane	µg/L	5.0 U	5.0 U	5.0 U	13	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	46	4.6 J	11	4.2 J	1.7 J
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*MW-86D2*	*MW-87D1*	*MW-87D2*	*MW-88D1*	*MW-88D2*
	Sample ID:	*GW042914VW037*	*GW042914VW041*	*GW042914VW042*	*GW042514VW030*	*GW042514VW031*
	Sample Date:	*4/29/2014*	*4/29/2014*	*4/29/2014*	*4/25/2014*	*4/25/2014*
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	17	88	200	8.7	5.0 U
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
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	230	58	110	14	5.0 U
Vinyl chloride	µg/L	5.0 U	2.2 J	5.0 U	1.1 J	0.85 J
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	1.13 J	0.086 J	0.181 J	0.100 U	2.80 J
Nitrate (as N)	mg/L	4.37	5.35	4.07	2.00 U	2.00 U
Nitrite (as N)	mg/L	2.00 U	1.00 U	1.00 U	2.00 U	2.00 U
Phosphorus	mg/L	0.16 J	0.12 J	0.18 J	0.056	0.049
Total organic carbon (TOC)	mg/L	10 U	10 U	10 U	10 U	10 U

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	*MW-89D1*	*MW-89D2*	*MW-90D1*	*MW-90D2*
	Sample ID:	*GW042414VW023*	*GW042414VW024*	*GW042314VW011*	*GW042314VW012*
	Sample Date:	*4/24/2014*	*4/24/2014*	*4/23/2014*	*4/23/2014*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	µg/L	2.2 J	4.1 J	5.0 U	5.0 U
1,1-Dichloroethene	µg/L	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
1,2-Dichloropropane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	34	36	9.1	5.0 U
Benzene	µg/L	0.91 J	5.0 U	5.0 U	5.0 U
Bromodichloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	µg/L	1.7 J	5.0 U	5.0 U	5.0 U
Chloroethane	µg/L	4.3 J	2.1 J	5.0 U	5.0 U
Chloroform (Trichloromethane)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane (Methyl chloride)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	µg/L	78	40	52	6.5
cis-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	5.0 U	5.0 U	5.0 U	5.0 U

TABLE 2B

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

	Sample Location:	***MW-89D1***	***MW-89D2***	***MW-90D1***	***MW-90D2***
	Sample ID:	***GW042414VW023***	***GW042414VW024***	***GW042314VW011***	***GW042314VW012***
	Sample Date:	***4/24/2014***	***4/24/2014***	***4/23/2014***	***4/23/2014***
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
Styrene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	µg/L	7.2	1.8 J	42	37
Toluene	µg/L	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
trans-1,3-Dichloropropene	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	µg/L	3.5 J	2.7 J	24	26
Vinyl chloride	µg/L	22	6.1	600	1.5 J
Xylenes (total)	µg/L	0.94 J	5.0 U	5.0 U	5.0 U
General Chemistry					
Ammonia-N	mg/L	0.100 U	0.203	-	-
Nitrate (as N)	mg/L	2.00 U	2.00 U	-	-
Nitrite (as N)	mg/L	2.00 U	2.00 U	-	-
Phosphorus	mg/L	0.030 U	0.030 U	-	-
Total organic carbon (TOC)	mg/L	3.6 J	10 U	-	-

Notes:

J - Estimated Concentration
U - Not detected at the associated reporting limit.
UJ - Not detected, associated reporting limit is estimated.
- - Not Analyzed

TABLE 3

ANALYTICAL METHODS AND HOLDING TIME CRITERIA
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

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 [3]	Water	-	28
Phosphorous	SM 4500P [2]	Water	-	28
Nitrate, Nitrite	E353.2 [3]	Water	-	48 hr.
Methane	EPA 3C	Water	-	30
VOC	TO-15 [4]	Water	-	14
Total Organic Carbon (TOC)	415.1 [3]	Water	-	28

Notes

[1] - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions.

[2] - "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992, with subsequent revisions.

[3] - "Methods for Chemical Analysis of Water and Wastes", USEPA-600/4-79-020, March 1983 with subsequent revisions.

[4] - "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999

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 2014

Parameter	*Analyte*	*Calibration Date*	*%RSD*	*RRF*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Ethanol	04/15/14	28.5	-	VZ4914MY001	7.65 J	ppbv
					VZ4914MY002	3.64	ppbv
					VZ4914MY003	16.4	ppbv
					VZ4914MY004	9.13	ppbv
					VZ4914MY005	9.04	ppbv
					VZ4914MY006	17.2	ppbv
					VZ4914MY007	22.4	ppbv
					VZ4914MY008	27.4	ppbv
					VZ4914MY009	9.44	ppbv
					VZ4914MY010	17.5	ppbv
					VZ4914MY010	14.0	ppbv
					VZ4914MY011	12.0	ppbv
					VZ4914MY012	6.79	ppbv
					VZ4914MY013	25.7	ppbv
					VZ4914MY014	8.93	ppbv
VOCs	Naphthalene	04/15/14	69.5	-	VZ4914MY001	0.500 UJ	ppbv
					VZ4914MY002	0.780 J	ppbv
					VZ4914MY003	10.0 UJ	ppbv
					VZ4914MY004	0.500 UJ	ppbv
					VZ4914MY005	0.500 UJ	ppbv
					VZ4914MY006	10.0 UJ	ppbv
					VZ4914MY007	0.770 J	ppbv
					VZ4914MY008	2.50 UJ	ppbv
					VZ4914MY009	2.00 UJ	ppbv
					VZ4914MY010	2.00 UJ	ppbv
					VZ4914MY010	0.500 UJ	ppbv

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

Parameter	*Analyte*	*Calibration Date*	*%RSD*	*RRF*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Naphthalene	04/15/14	69.5	-	VZ4914MY011	0.670 J	ppbv
					VZ4914MY012	0.500 UJ	ppbv
					VZ4914MY013	0.580 J	ppbv
					VZ4914MY014	0.500 UJ	ppbv
VOCs	Bromomethane	05/05/14	28.2	-	GW042414VW016	5.0 UJ	µg/L
					GW042414VW018	5.0 UJ	µg/L
					GW042914VW036	5.0 UJ	µg/L
					GW042914VW037	5.0 UJ	µg/L
					GW042914VW038	5.0 UJ	µg/L
					GW042914VW039	5.0 UJ	µg/L
					GW042914VW040	5.0 UJ	µg/L
					GW042914VW041	5.0 UJ	µg/L
					GW042914VW042	5.0 UJ	µg/L
					GW042914VW043	5.0 UJ	µg/L
					GW042914VW044	5.0 UJ	µg/L

Notes:

- - Not applicable.
%RSD - Percent Relative Standard Deviation
RRF - Relative response factor.
J - Estimated Concentration
UJ - Not detected, associated reporting limit is estimated.
VOCs - Volatile Organic Compound

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

Parameter	*Analyte*	*Calibration Date*	*RRF*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	trans-1,3-Dichloropropene	4/18/2014	-	27.6	VZ4914MY005	0.500 UJ	ppbv
	Tetrahydrofuran		-	27.7		2.38 J	ppbv
	Cyclohexane		-	29.9		0.210 UJ	ppbv
	Propylene (propene)		-	29.5		0.500 UJ	ppbv
	Dibromochloromethane		-	30.3		0.500 UJ	ppbv
	Ethyl acetate		-	26.4		0.620 J	ppbv
	Methyl tert butyl ether (MTBE)		-	35.9		0.500 UJ	ppbv
	Carbon tetrachloride		-	31.6		0.500 UJ	ppbv
	2-Hexanone		-	28.7		0.500 UJ	ppbv
	1,1,1,2-Tetrachloroethane		-	33.4		0.500 UJ	ppbv
	Ethanol		-	35.8		9.04 J	ppbv
	Chloroform (Trichloromethane)		-	28.4		0.500 UJ	ppbv
	Benzene		-	26.8		0.500 UJ	ppbv
	1,1,1-Trichloroethane		-	34.5		0.500 UJ	ppbv
	Carbon disulfide		-	27.4		0.520 J	ppbv
	Bromoform		-	28.3		0.500 UJ	ppbv
	1,1-Dichloroethane		-	28.8		0.500 UJ	ppbv
	Dichlorodifluoromethane (CFC-12)		-	30.0		0.510 J	ppbv
	1,2-Dichloropropane		-	29.4		0.500 UJ	ppbv
	Naphthalene		-	38.4		0.500 UJ	ppbv
VOCs	trans-1,3-Dichloropropene	4/18/2014	-	27.6	VZ4914MY008	2.50 UJ	ppbv
	Tetrahydrofuran		-	27.7		495 J	ppbv
	Cyclohexane		-	29.9		2.50 UJ	ppbv
	Propylene (propene)		-	29.5		2.50 UJ	ppbv
	Dibromochloromethane		-	30.3		2.50 UJ	ppbv
	Ethyl acetate		-	26.4		2.50 UJ	ppbv
	Methyl tert butyl ether (MTBE)		-	35.9		2.50 UJ	ppbv
	Carbon tetrachloride		-	31.6		2.50 UJ	ppbv
	2-Hexanone		-	28.7		2.50 UJ	ppbv
	1,1,1,2-Tetrachloroethane		-	33.4		2.50 UJ	ppbv

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

Parameter	*Analyte*	*Calibration Date*	*RRF*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	Ethanol	4/18/2014	-	35.8	VZ4914MY008	27.4 J	ppbv
	Chloroform (Trichloromethane)		-	28.4		2.50 UJ	ppbv
	Benzene		-	26.8		2.50 UJ	ppbv
	1,1,1-Trichloroethane		-	34.5		2.50 UJ	ppbv
	Carbon disulfide		-	27.4		76.8 J	ppbv
	Bromoform		-	28.3		2.50 UJ	ppbv
	1,1-Dichloroethane		-	28.8		2.50 UJ	ppbv
	Dichlorodifluoromethane (CFC-12)		-	30.0		2.50 UJ	ppbv
	1,2-Dichloropropane		-	29.4		2.50 UJ	ppbv
	Naphthalene		-	38.4		2.50 UJ	ppbv
VOCs	trans-1,3-Dichloropropene	4/18/2014	-	27.6	VZ4914MY010	0.500 UJ	ppbv
	Cyclohexane	4/18/2014	-			0.500 UJ	ppbv
	Propylene (propene)	4/18/2014	-			0.500 UJ	ppbv
	Dibromochloromethane	4/18/2014	-			0.500 UJ	ppbv
	Ethyl acetate	4/18/2014	-			0.920 J	ppbv
	Methyl tert butyl ether (MTBE)	4/18/2014	-			0.500 UJ	ppbv
	Carbon tetrachloride	4/18/2014	-			0.500 UJ	ppbv
	2-Hexanone	4/18/2014	-			0.500 UJ	ppbv
	1,1,1,2-Tetrachloroethane	4/18/2014	-			0.500 UJ	ppbv
	Ethanol	4/18/2014	-			14.0 J	ppbv
	Chloroform (Trichloromethane)	4/18/2014	-			0.500 UJ	ppbv
	Benzene	4/18/2014	-			0.500 UJ	ppbv
	1,1,1-Trichloroethane	4/18/2014	-			1.23 J	ppbv
	Carbon disulfide	4/18/2014	-			96.5 J	ppbv
	Bromoform	4/18/2014	-			0.500 UJ	ppbv
	1,1-Dichloroethane	4/18/2014	-			0.500 UJ	ppbv
	Dichlorodifluoromethane (CFC-12)	4/18/2014	-			0.560 J	ppbv
	1,2-Dichloropropane	4/18/2014	-			0.500 UJ	ppbv
	Naphthalene	4/18/2014	-			0.500 UJ	ppbv

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

Parameter	*Analyte*	*Calibration Date*	*RRF*	*%D*	*Associated Sample ID*	*Qualified Result*	*Units*
VOCs	trans-1,3-Dichloropropene	4/18/2014	-	27.6	VZ4914MY012	0.500 UJ	ppbv
	Tetrahydrofuran	4/18/2014	-			85.1 J	ppbv
	Cyclohexane	4/18/2014	-			0.430 J	ppbv
	Propylene (propene)	4/18/2014	-			0.500 UJ	ppbv
	Dibromochloromethane	4/18/2014	-			0.500 UJ	ppbv
	Ethyl acetate	4/18/2014	-			0.500 UJ	ppbv
	Methyl tert butyl ether (MTBE)	4/18/2014	-			0.490 J	ppbv
	Carbon tetrachloride	4/18/2014	-			0.500 UJ	ppbv
	2-Hexanone	4/18/2014	-			0.500 UJ	ppbv
	1,1,1,2-Tetrachloroethane	4/18/2014	-			0.500 UJ	ppbv
	Ethanol	4/18/2014	-			6.79 J	ppbv
	Chloroform (Trichloromethane)	4/18/2014	-			0.500 UJ	ppbv
	Benzene	4/18/2014	-			0.500 UJ	ppbv
	1,1,1-Trichloroethane	4/18/2014	-			0.500 UJ	ppbv
	Carbon disulfide	4/18/2014	-			20.0 J	ppbv
	Bromoform	4/18/2014	-			0.500 UJ	ppbv
	1,1-Dichloroethane	4/18/2014	-			0.500 UJ	ppbv
	Dichlorodifluoromethane (CFC-12)	4/18/2014	-			0.490 J	ppbv
	1,2-Dichloropropane	4/18/2014	-			0.500 UJ	ppbv
	Naphthalene	4/18/2014	-			0.500 UJ	ppbv

Notes:

- - Not applicable
%D - Percent Difference
RRF - Relative response factor
J - Estimated Concentration
UJ - Not detected, associated reporting limit is estimated.
VOCs - Volatile Organic Compound

TABLE 6

QUALIFIED SAMPLE DATA DUE TO OUTLYING OF SURROGATE RECOVERIES
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

Parameter	*Sample ID*	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Analyte*	*Qualified Result*	*Units*
VOCs	GW042514VW031	Dibromofluoromethane	116	85 - 115	cis-1,2-Dichloroethene	1.7 J	µg/L
					Acetone	36 J	µg/L
					Vinyl chloride	0.85 J	µg/L
					1,1-Dichloroethane	2.1 J	µg/L

Notes:

J - Estimated Concentration
VOCs - Volatile Organic Compound

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 2014

Parameter	*Analyte*	*LCS Date*	*LCS % Recovery*	*LCSD % Recovery*	*RPD (percent)*	*Control Limits*		*Associated Sample ID*	*Qualified Result*	*Units*
						% Recovery	*RPD*			
General Chemistry	Ammonia-N	05/01/14	115	-	-	90 - 110	-	GW042414VW022	0.476 J	mg/L
General Chemistry	Ammonia-N	05/01/14	114	-	-	90 - 110	-	GW042514VW025	1.51 J	mg/L
								GW042514VW026	1.19 J	mg/L
								GW042514VW027	0.225 J	mg/L
								GW042514VW029	1.10 J	mg/L
								GW042514VW031	2.80 J	mg/L
								GW042514VW033	2.82 J	mg/L
								GW042514VW035	0.817 J	mg/L
General Chemistry	Phosphorus	05/13/14	120	87.3	31.9	80 - 120	20	GW042914VW036	0.14 J	mg/L
								GW042914VW037	0.16 J	mg/L
								GW042914VW038	0.15 J	mg/L
								GW042914VW039	0.30 J	mg/L
								GW042914VW041	0.12 J	mg/L
								GW042914VW042	0.18 J	mg/L
								GW042914VW043	0.19 J	mg/L
								GW042914VW044	0.15 J	mg/L
General Chemistry	Ammonia-N	05/08/14	63	-	-	90 - 110	-	GW042914VW036	1.20 J	mg/L
								GW042914VW037	1.13 J	mg/L
								GW042914VW038	0.977 J	mg/L
								GW042914VW039	2.04 J	mg/L
								GW042914VW041	0.086 J	mg/L
								GW042914VW042	0.181 J	mg/L
								GW042914VW043	0.100 UJ	mg/L
								GW042914VW044	0.159 J	mg/L

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 2014

Parameter	*Analyte*	*LCS Date*	*LCS % Recovery*	*LCSD % Recovery*	*RPD (percent)*	*Control Limits*		*Associated Sample ID*	*Qualified Result*	*Units*
						% Recovery	*RPD*			
General Chemistry	Nitrate (as N)	05/16/14	89	-	-	90 - 110	-	GW51514VW046	0.321 J	mg/L
								GW51514VW047	0.412 J	mg/L
General Chemistry	Nitrite (as N)	05/16/14	89	-	-	90 - 110	-	GW51514VW046	0.100 UJ	mg/L
								GW51514VW047	0.100 UJ	mg/L
VOCs	Ethanol	04/17/14	138	125	10	65 - 135	35	VZ4914MY001	7.65 J	ppbv
								VZ4914MY002	3.64 J	ppbv
								VZ4914MY003	16.4 J	ppbv
								VZ4914MY004	9.13 J	ppbv
								VZ4914MY006	17.2 J	ppbv
								VZ4914MY007	22.4 J	ppbv
								VZ4914MY009	9.44 J	ppbv
								VZ4914MY011	12.0 J	ppbv
								VZ4914MY013	25.7 J	ppbv
								VZ4914MY014	8.93 J	ppbv
VOCs	Ethanol	04/18/14	111	142	24	65 - 135	35	VZ4914MY005	9.04 J	ppbv
								VZ4914MY008	27.4 J	ppbv
								VZ4914MY010	14.0 J	ppbv
								VZ4914MY012	6.79 J	ppbv

Notes:

LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
RPD - Relative Percent Difference
J - Estimated Concentration
UJ - Not detected, associated reporting limit is estimated.
VOCs - Volatile Organic Compound

TABLE 8

TENTATIVELY IDENTIFIED COMPOUNDS
QUARTERLY GROUNDWATER MONITORING
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
APRIL 2014

Sample ID	*Volatile Organics*	*Estimated Concentration (µg/L)*
GW042314VW001	Unknown	17.7 J
GW042414VW023	Unknown	14.8 J
GW042514VW027	1-Propene, 2-methyl-	12 J
	Unknown	5.5 J
GW051514VW047	Diethylpropion Hydrochloride	6.9 J

Notes:

J - Estimated Concentration

SPECTRUM ANALYTICAL, INC.
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Chain of Custody Record/Field Test Data Sheets for Air Analyses

Page 1 of 2

Special Handling:
☐ Standard TAT - 7 to 10 business days
☐ Rush TAT - Date Needed: _____

- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.

Report To:	Invoice To:	
Hans Schmidtke	Same ←	Project No.: 062333
2055 Niagara Falls Blvd		Site Name: Bissell
Niagara Falls NY		Location: Hicksville State: NY
Tel #: (519) 324-0510	Attn:	Sampler(s): MY + TB
Project Manager: H Schmidtke	P.O. No.: RQN:	

Can ID	Can Size (L)	Outgoing Canister Pressure ("Hg) (Lab)	Incoming Canister Pressure ("Hg) (Lab)	Flow Reg. ID	Flow Controller Readout (ml/min)	Lab Id:	Sample Id	Sample Date(s)	Time Start (24 hr clock)	Time Stop (24 hr clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Analysis: TO-15	Matrix: Indoor /Ambient Air	Matrix: Soil Gas	Check box if canister is returned unused
LABORATORY USE ONLY																		
0252	6	-30					VZ4914MY003	4/9/14	1245	1245	-30	-1			X			
1376	6	-30					VZ4914MY009	4/9/14	1250	1250	-30	-1			X			
0241	6	-30					VZ4914MY013	4/9/14	1330	1330	-30	-1			X			
1367	6	-30					VZ4914MY007	4/9/14	1230	1230	-30	0			X			
0255	6	-30					VZ4914MY005	4/9/14	1210	1210	-30	0			X			
5347	6	-30					VZ4914MY011	4/9/14	1310	1310	-30	-1			X			
5588	6	-30					VZ4914MY006	4/9/14	1215	1215	-30	-1			X			
5567	6	-30					VZ4914MY012	4/9/14	1320	1320	-30	-1			X			
5576	6	-30					VZ4914MY002	4/9/14	0912	0912	-30	-1			X			
1654	6	-30					VZ4914MY008	4/9/14	945	945	-30	0			X			

Date of Request: 3/28/14 Total # Canisters: 14
Requested by: Victoria Whalen # LL Canisters: —
Company: Conestoga-Rovers Assoc # Flow Controllers: —
Location: Plainview, NY Flow Rate/Setting: —
Date Needed: 4/2/14 Order #: 30734 Prepared by: BRF

I attest that all media relinquished from Spectrum Analytical, Inc. have been received in good working condition, based on visual observation, and agree to the terms and conditions as listed on the back of this document.

Signed: Date:

Printed:

QA/QC Reporting Level:

☐ Standard ☐ NY ASP A* ☐ TIER II* ☐ MA DEP CAM
☐ NO QC ☐ NY ASP B* ☐ TIER IV* ☐ CT DPH RCP
☐ DQA* * additional charges may apply contact SA's QA Department for further info.

Client Use	Ambient Temperature (Fahrenheit)	Ambient Pressure (inches of Hg)
Start		
Stop		

Special Instructions/QC Requirements & Comments:

22.0/22.6 IR 01 mg
4-11-14

Please contact SA's Air Department immediately at (800) 789-9115 if you experience any technical difficulties or suspect any QC issue(s) with air media.

Relinquished by:	Received by:	Date:	Time:
		4/16/14	
		4/11/14	12:25
		4-11-2014	1711

☐ EDD Format
☐ E-mail Results to

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Chain of Custody Record/Field Test Data Sheets for Air Analyses

Page 2 of 2

Special Handling:
☐ Standard TAT - 7 to 10 business days
☐ Rush TAT - Date Needed: ________
· All TATs subject to laboratory approval.
· Min. 24-hour notification needed for rushes.

Report To: Klaus Schmidtke, 2055 Niagara Falls Blvd, Niagara Falls NY
Tel #: (519) 834-0510
Project Manager: K. Schmidtke

Invoice To: Same
Attn:
P.O. No.: **RQN:**

Project No.: 06883
Site Name: Biospore
Location: Hicksville **State** NY
Sampler(s): TB + MY

Analysis: TO-15 | Matrix: Indoor/Ambient Air, Soil Gas | Check box if canister is returned unused

Can ID	Can Size (L)	Outgoing Canister Pressure ("Hg) (Lab)	Incoming Canister Pressure ("Hg) (Lab)	Flow Reg. ID	Flow Controller Readout (ml/min)	Lab Id:	Sample Id:	Sample Date(s)	Time Start (24 hr clock)	Time Stop (24 hr clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	TO-15	Indoor/Ambient Air	Soil Gas	Unused
4609	6	-30					VZ040914MY004	4/9/14	900	900	-30	-1			X			
1006	6	-30					VZ040914MY001	4/9/14	930	930	-30	-0			X			
0259	6	-30					VZ4914MY010	4/9/14	1300	1300	-30	-1			X			
0251	6	-30					VZ4914MY014	4/9/14	1345	1345	-30	-1			X			

LABORATORY USE ONLY

Date of Request: 3/28/14 Total # Canisters: 14
Requested by: Victoria Whelan # LL Canisters: —
Company: Conestoga-Rovers-Assoc # Flow Controllers: —
Location: Plainview, NY Flow Rate/Setting: —
Date Needed: 4/2/14 Order #: 30734 Prepared by: BRF

QA/QC Reporting Level:
☐ Standard ☐ NY ASP A* ☐ TIER II* ☐ MA DEP CAM
☐ NO QC ☐ NY ASP B* ☐ TIER IV* ☐ CT DPH RCP
☐ DQA* * additional charges may apply contact SA's QA Department for further info.

	Ambient Temperature (Fahrenheit)	Ambient Pressure (inches of Hg)
Client Use Start		
Stop		

Special Instructions/QC Requirements & Comments:
21.9/0/21.9 IR 01
4-11-14 MSW

I attest that all media relinquished from Spectrum Analytical, Inc. have been received in good working condition, based on visual observation, and agree to the terms and conditions as listed on the back of this document.
Signed: Date:
Printed:

Please contact SA's Air Department immediately at (800) 789-9115 if you experience any technical difficulties or suspect any QC issue(s) with air media.

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	4/10/14	
[signature]	[signature]	4/11/14	10:25
[signature]		4-11-2014	1700

☐ EDD Format
☐ E-mail Results to

Final Due : 5/9/14

N0635

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Page 1 of 2

CHAIN OF CUSTODY RECORD

☐ 11 Almgren Drive, Agawam, MA 01001, (413) 789-9018
☐ 8405 Benjamin Road, Ste A, Tampa, FL 33634, (813) 888-9507
☐ 646 Camp Avenue, N Kingstown, RI 02852, (401) 732-3400

Special Handling:

TAT- Indicate Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Klaus Schmidtke
2055 Niagara Falls Blvd
Niagara Falls NY 14304

Telephone #: 519-884-0510
Project Mgr. K. Schmidtke

Invoice To: Jenn Devonshire
← same address

P.O. No.: _____ RQN: _____

Project No.: 006883
Site Name: Biospage
Location: Hicksville State: NY
Sampler(s): TB & JC

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= _____ 12= _____

List preservative code below:

QA/QC Reporting Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= _____ X2= _____ X3= _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs	VOCs + TICs	Nitrate	Nitrite	Phosphorus	Ammonia
	GW042314VW001	4/23/14	0835		GW	5			3		X	X	X	X	X
	GW042314VW002	4/23/14	0903		GW	5			3	X		X	X	X	X
	GW042314VW003	4/23/14	0927		GW	5			3	X		X	X	X	X
	GW042314VW004	4/23/14	0945		GW	5			3	X		X	X	X	X
	GW042314VW005	4/23/14	1008		GW	5			3	X		X	X	X	X
	GW042314VW006	4/23/14	1030		GW	5			3	X		X	X	X	X
	GW042314VW007	4/23/14	1145		GW	5			3		X	X	X	X	X
	GW042314VW008	4/23/14	1200		GW	5			3	X		X	X	X	X
	GW042314VW009	4/23/14	1220		GW	5			3	X		X	X	X	X
	GW042314VW010	4/23/14	1240		GW	5			3	X		X	X	X	X

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other _____
State-specific reporting standards:
_____

1.1/-1/0.1 RCD
JCH
4/23

Relinquished by:	Received by:	Date:	Time:	Temp°C
		4-23-14	1:40	
SUBCO	SUBCO	4/23/14		
SUBCO		4/24/14	0830	
		4/24/14	10:56	-0.9

☐ EDD Format _____
☐ E-mail to _____

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

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Revised Feb 2013

Final Due: 5/9/14

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Special Handling:

TAT- Ind icate Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Klaus Schmidtke
2055 Niagara Falls Blvd
Niagara Falls, NY 14304

Telephone #: 519-884-0510
Project Mgr. K. Schmidtke

Invoice To: Jenn Devonshire
← Same address

P.O. No.: _____ RQN: _____

Project No.: 006883
Site Name: Biosparge
Location: Hicksville State: NY
Sampler(s): TB & JC

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= _____ 12= _____

List preservative code below:

QA/QC Reporting Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Field Blank X2= Trip Blank X3= _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs	Analyses: Nitrate	Nitrite	Phosphorus	Ammonia	VOC-TICs
	GW042314VW011	4/23/14	1105		GW	5			3	X	X	X	X	X	
	GW042314VW012	4/23/14	1111		GW	5			3	X	X	X	X	X	
	GW042314VW013	4/23/14	1330		X1	5			3		X	X	X	X	X
	Trip Blank 4/23/14	4/23/14	XXXX		X2	2									X

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other _____
State-specific reporting standards: _____

4/24/14 IR2
JH
4/25

Relinquished by:	Received by:	Date:	Time:	Temp°C
		4-23-14	1:40	
Subcont	Subcont	4/23/14		
Subcont		4/24/14	0830	
		4/24/14	10:56	-0.9°C

☐ EDD Format _____
☐ E-mail to _____

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

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Revised Feb 2013

N0635

Final Due: 5/9/14

SPECTRUM ANALYTICAL, INC.
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Page 1 of 2

CHAIN OF CUSTODY RECORD

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☐ 646 Camp Avenue, N Kingstown, RI 02852, (401) 732-3400

Special Handling:

TAT- Indicate Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Klaus Schmidtke
2055 Niagara Falls Blvd
Niagara Falls NY 14304
Telephone #: 519-884-0510
Project Mgr. K Schmidtke

Invoice To: Jenn Devonshire
← same as

P.O. No.: _____ RQN: _____

Project No.: 006883
Site Name: Biosparge
Location: Hicksville State: NY
Sampler(s): Thomas Brown & Jason Cooper

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= _____ 12= _____

List preservative code below:

QA/QC Reporting Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= _____ X2= _____ X3= _____

G=Grab C=Composite

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other _____
State-specific reporting standards: _____

N0635

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs	Analyses: Nitrate	Nitrite	Phosphorus	Ammonia	VOCs + TICs				
15	GW042414VW014	4/24/14	0815	G	GW	4			2	X	X	X	X	X					
16	GW042414VW015	4/24/14	0820	G	GW	5			3	X	X	X	X	X					
17	GW042414VW016	4/24/14	0900	G	GW	5			3	X	X	X	X	X					
18	GW042414VW017	4/24/14	0915	G	GW	5			3	X	X	X	X	X					
19	GW042414VW018	4/24/14	0945	G	GW	5			3	X	X	X	X	X					
20	GW042414VW019	4/24/14	1110	G	GW	5			3	X	X	X	X	X					
21	GW042414VW020	4/24/14	1125	G	GW	5			3	X	X	X	X	X					
22 Small Cooler	GW042414VW021	4/24/14	1145	G	GW	5			3	X	X	X	X	X					
23	GW042414VW022	4/24/14	1200	G	GW	5			2	X	X	X	X	X					
24	GW042414VW023	4/24/14	1240	G	GW	5			3		X	X	X	X	X				
25																			

Relinquished by:	Received by:	Date:	Time:	Temp°C
Jason T. Cooper	[signature]	4/24/14	13:50	
[signature]	[signature]	4/24/14	1618	
	SUBCUT	4242014	1618	
SubCUT	[signature]	4/25/14	0800	

☐ EDD Format _____
☐ E-mail to 29-1-19 IR02.mw 4242014

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☑ Ambient ☑ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

www.spectrum-analytical.com 4/25/14 10:54 1.9°C

5 from last 5

Revised Feb 2013

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N0635

Final Due: 5/9/14

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Page 2 of 2

CHAIN OF CUSTODY RECORD

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☐ 8405 Benjamin Road, Ste A, Tampa, FL 33634, (813) 888-9507
☐ 646 Camp Avenue, N Kingstown, RI 02852, (401) 732-3400

Special Handling:

TAT- Indicate Date Needed: ________
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Klaus Schmidtke
2055 Niagara Falls Blvd.
Niagara Falls NY 14304

Telephone #: 519-884-0510
Project Mgr. K. Schmidtke

Invoice To: Jenn Devonshire
← same

P.O. No.: ________ RQN: ________

Project No.: 006883
Site Name: Biosparge
Location: Hicksville State: NY
Sampler(s): Thomas Brown & Jason Cooper

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=________ 12=________

List preservative code below:

QA/QC Reporting Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= Trip Blank X2=________ X3=________

G=Grab C=Composite

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other ________

State-specific reporting standards:

Lab Id: N0635	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs	VOCs + TICs	Nitrate	Nitrite	Phosphorus	Ammonia			
25 ~~26~~	GW042414VW024	4/24/14	1255	G	GW	5			3	X		X	X	X	X			
26 ~~27~~	~~[illegible]~~ Trip Blank 4/24	4/24/14	XXXX	X1	X1	2					X							

wjc 04/24/14

Relinquished by:	Received by:	Date:	Time:	Temp°C
Jason T. Cooper	[signature]	4/24/14	13:50	
[signature]	[signature]	4/24/2014	1018	
	OUBOUT	4/24/2014	1018	
Bill Hessig ShOUT	Bill Hessig	4/25/14	0800	
Bill Hessig	[signature]	4/25/14	10:54	1.9°C

☐ EDD Format ________
☐ E-mail to ________

29 / -1 / 19 IR 02 4242014 MU

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☒ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

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Final Due 5/12/14

N0665

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Page 1 of 2

CHAIN OF CUSTODY RECORD

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☐ 646 Camp Avenue, N Kingstown, RI 02852, (401) 732-3400

Special Handling:

TAT- Indicate Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Klaus Schmidtke
2055 Niagara Falls Blvd
Niagara Falls NY 14304

Telephone #: 519-884-0510
Project Mgr. K. Schmidtke

Invoice To: Jenn Devonshire
← same

P.O. No.: _____ RQN: _____

Project No.: 006883
Site Name: Biosparge
Location: Hicksville State: NY
Sampler(s): Thomas Brown & Jason Cooper

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=_____ 12=_____

List preservative code below:

QA/QC Reporting Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs	Analyses: Nitrate	Nitrite	Phosphorus	Ammonia	VOC+TICs
N0665-01	GW042514VW025	4/25/14	0920	GW	G	5			3		X	X	X	X	X
-02	GW042514VW026	4/25/14	0940	GW	G	5			3	X	X	X	X	X	
-03	GW042514VW027	4/25/14	1000	GW	G	5			3		X	X	X	X	X
-04	GW042514VW028	4/25/14	1030	GW	G	3			3	X	[illegible]				(SC)
-05	GW042514VW029	4/25/14	1052	GW	G	5			3	X	X	X	X	X	
-06	GW042514VW030	4/25/14	1130	GW	G	5			3	X	X	X	X	X	
-07	GW042514VW031	4/25/14	1140	GW	G	5			3	X	X	X	X	X	
-08	GW042514VW032	4/25/14	1200	GW	G	5			3	X	X	X	X	X	
-09	GW042514VW033	4/25/14	1220	GW	G	5			3	X	X	X	X	X	
-10	GW042514VW034	4/25/14	1244	GW	G	5			3	X	X	X	X	X	

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other _____
State-specific reporting standards:
_____

25/0/25/IR01 4252014 mw

Relinquished by:	Received by:	Date:	Time:	Temp°C
Jason T Cooper		4/25/14	1:55	
	SUBOUT	4252014	1830	
SubOut	Cary Hennings	4/28/14	845	
Bill Hennings	Vern Boyd	4/28/14	11:34	4.3c

☐ EDD Format _____
☐ E-mail to _____

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

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N0665

Final Due 5/12/14

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Special Handling:

TAT- Indicate Date Needed: ________
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Klaus Schmidtke
2055 Niagara Fall Blvd
Niagara Falls NY 14304

Telephone #: 519-884-0510
Project Mgr. K. Schmidtke

Invoice To: Jenn Devonshire
← same

P.O. No.: ________ RQN: ________

Project No.: 006883
Site Name: Biosparge
Location: Hicksville State: NY
Sampler(s): Thomas Brown & Jason Coop

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= ________ 12= ________

List preservative code below:

QA/QC Reporting Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= Trip Blank X2= ________ X3= ________

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs	Nitrate	Nitrite	Phosphorus	Ammonia	VOCs + TICs			
N[illegible]-11	GW42514VW035	4/25/14	1256	G	GW	5			3	X	X	X	X	X				
N[illegible]-12	Trip Blank 4/25	4/25/14	XXXX		X1	2									X			

Containers: (# of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic) Analyses: (VOCs through VOCs + TICs)

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other ________

State-specific reporting standards: ________

25/0 25 IR01mo
4252014

Relinquished by:	Received by:	Date:	Time:	Temp°C
Jason T Coop	[signature]	4/25/14	1:55	
[signature]	SUBOUT	4252014	1830	
SUBOUT	Bill Herring	4/28/14	845	
Bill Herring	[signature]	4/28/14	11:34	4.3

☐ EDD Format ________
☐ E-mail to ________

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

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N0688

Final Due: 5/14/14

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☐ 646 Camp Avenue, N Kingstown, RI 02852, (401) 732-3400

Special Handling:

TAT- Indicate Date Needed: ________

- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Klaus Schmidtke, 2055 Niagara Falls Blvd, Niagara Falls NY 14304

Telephone #: (519) 834-0310

Project Mgr.:

Invoice To: Jean Devonshire (Same)

P.O. No.: ______ RQN: ______

Project No.: 06883

Site Name: Biosparge

Location: Hicksville State: NY

Sampler(s): TB + KW

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=______ 12=______

List preservative code below:

QA/QC Reporting Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=______ X2=______ X3=______

G=Grab C=Composite

QA/QC Reporting Level
☐ Level I ☐ Level II ☐ Level III ☐ Level IV ☐ Other ______

State-specific reporting standards:

Lab Id	Sample Id	Date	Time	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs	TOCs	Nitrate	Nitrite	Phosphorous	Ammonia
01	GW042914KW036	4/29/14	940		GW	5			3	X	X	X	X	X	X
02	GW042914KW037	4/29/14	930		GW	5			3	X	X	X	X	X	X
03	GW042914KW038	4/29/14	1005		GW	5			3	X	X	X	X	X	X
04	GW042914KW039	4/29/14	1025		GW	5			3	X	X	X	X	X	X
05	GW042914KW040	4/29/14	1035		GW	5			3	X	X	X	X	X	X
06	GW042914KW041	4/29/14	1055		GW	5			3	X	X	X	X	X	X
07	GW042914KW042	4/29/14	1110		GW	5			3	X	X	X	X	X	X
08	GW042914KW043	4/29/14	1130		GW	5			3	X	X	X	X	X	X
09	GW042914KW044	4/29/14	1140		GW	5			3	X	X	X	X	X	X
10	GW042914KW045	4/29/14	1200		GW	5			3	X	X	X	X	X	X

1.5/0/1.5 IR 1 JCH 4/29

Relinquished by	Received by	Date	Time	Temp °C
[signature]	[signature]	4/29/14	1215	
[signature]	[signature] 4/29 Subout	4/29/14	1520	
Subout	[signature]	4-30-14	745	
[signature]	[signature]	4/30/14	11:20	4.2°C

☐ EDD Format ______
☐ E-mail to ______

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☑ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

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Final Due: 5/14/14

N0688

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☐ 646 Camp Avenue, N Kingstown, RI 02852, (401) 732-3400

Special Handling:

TAT- Ind icate Date Needed: ________

- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Klaus Schmidtke, 2055 Niagara Falls Blvd, Niagara Falls 14304
Telephone #: (716) 884-0510
Project Mgr.

Invoice To: Jean Devonshire (same)
P.O. No.: ________ RQN: ________

Project No.: 00883
Site Name: Biosparge
Location: Hicksville State: NY
Sampler(s): TB + VW

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11=________ 12=________

List preservative code below:

QA/QC Reporting Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1=________ X2=________ X3=________

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs							
11	TB 4/29/14	4/29/14	1200		e	2				X							

QA/QC Reporting Level

☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other ________

State-specific reporting standards:

1S/0/1SRe1
Yc 4/29

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	4/29/14	1215	
[signature]	Subout	4/29/14	1520	
Subout	[signature]	4-30-14	745	
[signature]	[signature]	04/30/14	11:20	4.7°

☐ EDD Format ________
☐ E-mail to ________

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

N0837

Final Due: 5/30/14

SPECTRUM ANALYTICAL, INC.
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CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Klaus Schmidtke
2055 Niagara Falls Blvd.
Niagara Falls, NY
Telephone #:
Project Mgr. K. Schmidtke

Invoice To: Jean DeYonshire (same)
P.O. No.: _____ RQN: _____

Project No.: 06833
Site Name: Hicksville Biospargc
Location: Hicksville State: NY
Sampler(s): VW + MP

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11=_____ 12=_____

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs	TOC	Nitrate	Nitrite	Phosphorus	Ammonia	
N0837-01	GW051514W0046	5/15/14	930	G	GW	5			3	X	X	X	X	X	X	
N0837-02	GW051514W0047	5/15/14	950		GW	5			3	X	X	X	X	X	X	

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☐ No ☐

QA/QC Reporting Level
☐ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other _____

State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:	Temp°C
	Mac	5/15/14	1105	
Matt Mac	Mary Ann Wilson	5152014	1803	1.3
SUBCOT		5/16/14	0830	
		5/16/14	11:10	1.6C

☐ EDD Format _____
☐ E-mail to 1.3/e/1.3IR@1 5152014 Iced mw

Condition upon receipt:
☐ Ambient ☑ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

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