STAUFFER MANAGEMENT COMPANY
MAESTRI SITE
GEDDES, NEW YORK

POST GROUNDWATER COLLECTION / TREATMENT SYSTEM SHUTDOWN

QUARTERLY REPORT – FEBRUARY 2009

Prepared for:

Stauffer Management Co.
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Envirospec Engineering Project E07-102a

Date Prepared: March, 2009

TABLE OF CONTENTS

TABLES

FIGURES

ATTACHMENTS

Introduction

This report addresses site maintenance and monitoring activities that have been completed since shutdown of the groundwater treatment system on May 27, 2008. The period of time covered by this report is from December 2008 to February of 2009. This report is organized into the following sections:

- Site Background
- Groundwater Sampling
- Groundwater Quality
- Site Inspections
- Site Maintenance
- Summary

A site map showing the location of monitoring wells, recovery wells, and piezometers is attached as Figure 1.

Site Background

The groundwater treatment system at the Stauffer Management Company (SMC) Maestri Site began operation in 1996. On May 8, 2008, Envirospec submitted a request to the New York State Department of Environmental Conservation (NYSDEC) on behalf of SMC to shutdown the treatment system. As stated in the request, levels of contaminants remaining in groundwater were low, the system was no longer effective as shown by the consistency of the results, and the groundwater treatment system had achieved the goals of the ROD. The NYSDEC approved this request in a letter dated May 14, 2008.

As part of the approval to shutdown the groundwater treatment system, SMC agreed to maintain the system for a minimum of 1 year (through May 2009). Permanent decommissioning of the system can be requested after May 2009 depending on monitoring data collected during this one year period.

Also as part of the shut down agreement, for the first three months, SMC agreed to conduct

weekly site inspections and to conduct monthly sampling of perimeter wells MW-2A, MW-9, PZ-4, RW-3, RW-5, RW-6, RW-7, and RW-8. The elevations of site wells were also monitored on a monthly basis. During the initial three-month monitoring period, monthly reports were submitted to NYSDEC by Envirospec on behalf of SMC. After the initial three months, sampling and reporting was conducted quarterly.

After the approval was granted by the NYSDEC, the groundwater treatment system was shutdown on the morning of May 27, 2008. As part of this shutdown, the pumps were turned off, all valves were closed, and the part of the effluent line inside the treatment shed was disconnected to prevent accidental discharges. All other main components (electricity, computer, well pumps, water level probes, alarm system, PLC, etc) remain installed and functional in case the system needs to be restarted.

Groundwater Sampling – Round 5

The fifth round of groundwater sampling was the second quarterly sampling event and was conducted February 18th and 19th, 2009. Prior to well purging, site wells were gauged for water level. A table of groundwater elevations is included as Table 1 below. A contour map of the groundwater elevations is provided as Figure 2.

Table 1

Groundwater Elevations – February 18, 2009

WELL NUMBER	MEASURING POINT ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION
MW-9	408.87	9.00	393.07
MW-10	413.82	4.20	401.42
MW-12	418.28	5.90	408.18
MW-14	405.17	13.40	388.17
PZ-2	407.23	8.00	395.93
PZ-3	409.60	8.10	393.70
PZ-4	394.37	4.30	386.47
PZ-5	393.37	2.80	386.97
PZ-6	410.15	8.10	393.85
PZ-7	409.13	8.50	393.23
PZ-9	408.69	7.90	393.69
PZ-10	407.04	7.50	392.79
PZ-12	408.17	9.50	393.57

Table 1

Groundwater Elevations – February 18, 2009

WELL NUMBER	MEASURING POINT ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION
PZ-13	407.12	8.70	393.12
PZ-14	408.44	7.90	397.04
PZ-15	406.74	14.10	389.04
PZ-18	406.30	14.20	388.60
PZ-19	406.88	13.80	389.58
MW-2A (formerly RW-2)	406.40	9.40	390.40
RW-3	407.01	14.70	388.81
RW-5	409.18	7.50	393.88
RW-6	393.64	2.70	387.44
RW-7	405.76	13.50	388.66
RW-8	406.81	10.20	391.81

A minimum of three wells volumes was purged from each of the sampling wells prior to sampling. Wells were purged with either a 2" submersible Grundfos pump and poly tubing or purged with a 2" disposable polyethylene bailer or both. Purged water was collected and containerized in a mobile poly tank. The containerized water was brought to the Skaneateles Falls site and sent through the onsite Waste Water Treatment Plant (WWTP) for treatment. Field data including pH, temperature, conductivity, and total dissolved solids (TDS) were recorded for approximately each well volume. A summary of the field data as well as the total volume of groundwater purged is presented in Table 4. Samples were collected using disposable bailers. The well sampling field reports are included as Attachment 1.

A duplicate sample was collected from RW-7 for laboratory and sampling quality assurance/quality control purposes. The result of the duplicate sample as shown in Table 2 was within a reasonable margin of the original sample. A trip blank was placed in the sample cooler in the field and during transport to ensure no cross contamination or outside contamination was present. The result of the trip blank sample was non-detect for xylene indicating there was no evidence of outside or cross contamination. The analytical for the trip blank sample is included in Attachment 2.

Groundwater Quality

Samples were sent to Certified Environmental Services Laboratory (CES) in Syracuse, NY following typical chain of custody procedures for expedited xylene analysis via EPA Method 602. The analytical results are included as Attachment 2. A summary of results from this sampling round is presented in Table 2 below as well as in the attached Table 3. Table 3 also shows the sample results for the respective wells including results prior to system shutdown. A summary of the five rounds of sampling post shutdown is shown on Figure 2b.

Table 2

Summary of Xylene in Groundwater – February 2009

Well	Xylene Concentration in Groundwater (ppb)
MW-2A	9.1
MW-9	< 3.0
RW-3	< 3.0
RW-5	< 3.0
RW-6	590
RW-7	< 3.0
DUP	< 3.0
RW-8	< 3.0
PZ-4	< 3.0

Figures 4 through 9 depict the xylene concentrations in recovery wells for this sampling event compared to levels noted during operation of the treatment system. In general, the xylene concentrations for this sampling round are in line with concentrations noted at the site for the past few years. Levels in RW-6 were slightly elevated as compared to past events. This well will continue to be monitored with the May 2009 sampling event.

As discussed in Envirospec's May 8, 2008 letter, the wells selected to be sampled after shutdown present a cross section of the property and monitoring of these wells should indicate if a plume has begun to migrate after pumping has ceased. At this time, the results indicate that there is no plume migration; the xylene concentrations in down-gradient wells are in line with the seasonal trend noted in previous sampling events while the system was operating.

Site Inspections

Site inspections were conducted on a daily basis for the week following treatment system shutdown. In addition, for the first week of shutdown, during periods of heavy rain the site was inspected for runoff and general conditions. To date, no runoff issues have been observed or reported by neighboring residences. The recovery well groundwater elevations were also reviewed during site inspections based on the PLC output on the computer. To date, the groundwater level in the recovery wells has been stable. After the first week, inspections were subsequently conducted on a weekly basis and were continued to be conducted at this frequency through August 2008. Items reviewed during the site inspections include site security, recovery well water elevations, general site maintenance, erosion control, condition of neighboring properties and general observations of site conditions (i.e. appearance of sink holes, odors, vegetation growth, etc). Copies of the site inspections are included as Attachment 3.

Site Maintenance

Prior to shutdown of the groundwater treatment system, general site maintenance was performed to ensure appropriate erosion control was in place. Maintenance included the installation of additional silt fence and hay bales at down gradient areas along the perimeter fence, the placement of stone at the northeast corner of the site, lawn maintenance, repair of the sink hole near MW-9, and the addition of topsoil, seed, and mulch to previously disturbed areas.

Other site maintenance conducted during the month of June included the installation of well plugs, locking well caps, and locks to remaining wells where possible. The recovery wells located inside the perimeter fence cannot be fitted with caps, covers, or locks due to the design of the metal well casing and wire configuration. PZ-10, located inside the fence, cannot be locked as the metal casing appears to have been previously damaged. Recovery wells RW-7 and RW-8 located outside the fence were able to be fitted with a locking well cover and lock. The flush mount wells located outside the fence in the backyard of the residences could not be fitted with an internal plug and locked; however, as the metal lid cover is bolted down and cumbersome to remove, there does not seem to be a security issue with these wells as this time.

Additional signage was posted along the back fence near the residences. These signs list local numbers in the event of a site issue. While these local numbers can be used on a 24-hour basis, the 24-hour emergency response number is still posted on the front fence. To date, no calls have been received by Envirospec or SMC. "No Trespassing" signs were also posted along the front and rear fences.

Lawn maintenance was performed at the site on June 26, 2008 and will be performed on an as needed basis. As noted on the weekly site inspection forms (Attachment 3), some areas of the site required re-seeding. Re-seeding was performed in early June 2008 and is growing well.

Summary

The first nine months of shut down went smoothly with no significant flooding events. The plume appeared to remain stable with no significant migration.

The next quarterly sampling and site inspection will be completed in May 2009. Reports will be prepared and submitted after each event. A proposal for permanent shutdown and long term monitoring will be submitted with the May 2009 quarterly sampling report.

Table 3

Total Xylene Concentration (ppb)

Stauffer Management Company
Maestri Site

Sample Date	RW-1	RW-2[2]	RW-3	RW-4	RW-5	RW-6	RW-7	RW-8	MW-2A[2]	MW-9	PZ-4
6-Jun-06	**	****	<3.0	**	<3.0	9	102	<3.0		--	--
4-Jul-06	**	****	<3.0	**	<3.0	34	130	--	665	--	--
1-Aug-06	**	****	5	**	<3.0	63	90	<3.0		--	--
3-Oct-06	**	****	3.3	**	<3.0	3	55	--	<3.0	--	--
2-Jan-07	**	****	<3.0	**	<3.0	29	40	--	<3.0	--	--
3-Apr-07	**	****	INC	**	<3.0	145	3.7	--	6.4	--	--
3-Jul-07	**	****	<3.0	**	<3.0	<3.0	<3.0	--	410	--	--
2-Oct-07	**	****	<3.0	**	<3.0	30	6	--	1025	--	--
7-Jan-08	**	****	<3.0	**	14	52	<3.0	--	3.0	11	--
1-Apr-08	**	****	22	**	<3.0	27	15	--	987	--	--
Treatment System Shutdown on May 27th, 2008											
June 2008	**	****	6.1	**	<3.0	84	119	<3.0	68 (54)	964	< 3.0
July 2008	**	****	4.4	**	<3.0 (< 3.0)	71	124	<3.0	1700	1800	< 3.0
August 2008	**	****	4.3	**	<3.0	148	104	<3.0	1770 (1200)	1795	< 3.0
November 2008	**	****	<3.0	**	<3.0	158	73	<3.0	16	73	< 3.0
February 2009	**	****	<3.0	**	<3.0	590	<3.0 (< 3.0)	< 3.0	9.1	< 3.0	< 3.0

Shaded boxes indciate result when treatment system was in operation

** - Wells No. 1 and 4 were removed as part of the excavation.

*** - Pump in Well 5 was moved to Well 8.

**** - RW2 changed to monitoring well MW-2A

[t] RW-8 sample on 8/7/2001 was resampled on 8/24/2001 due to original sample being cross contaminated

[2] RW-2 was changed to a monitoring well (MW-2A) in April 2006

INC - Inconclusive laboratory result

Value in parenthesis is duplicate sample result

Table 4

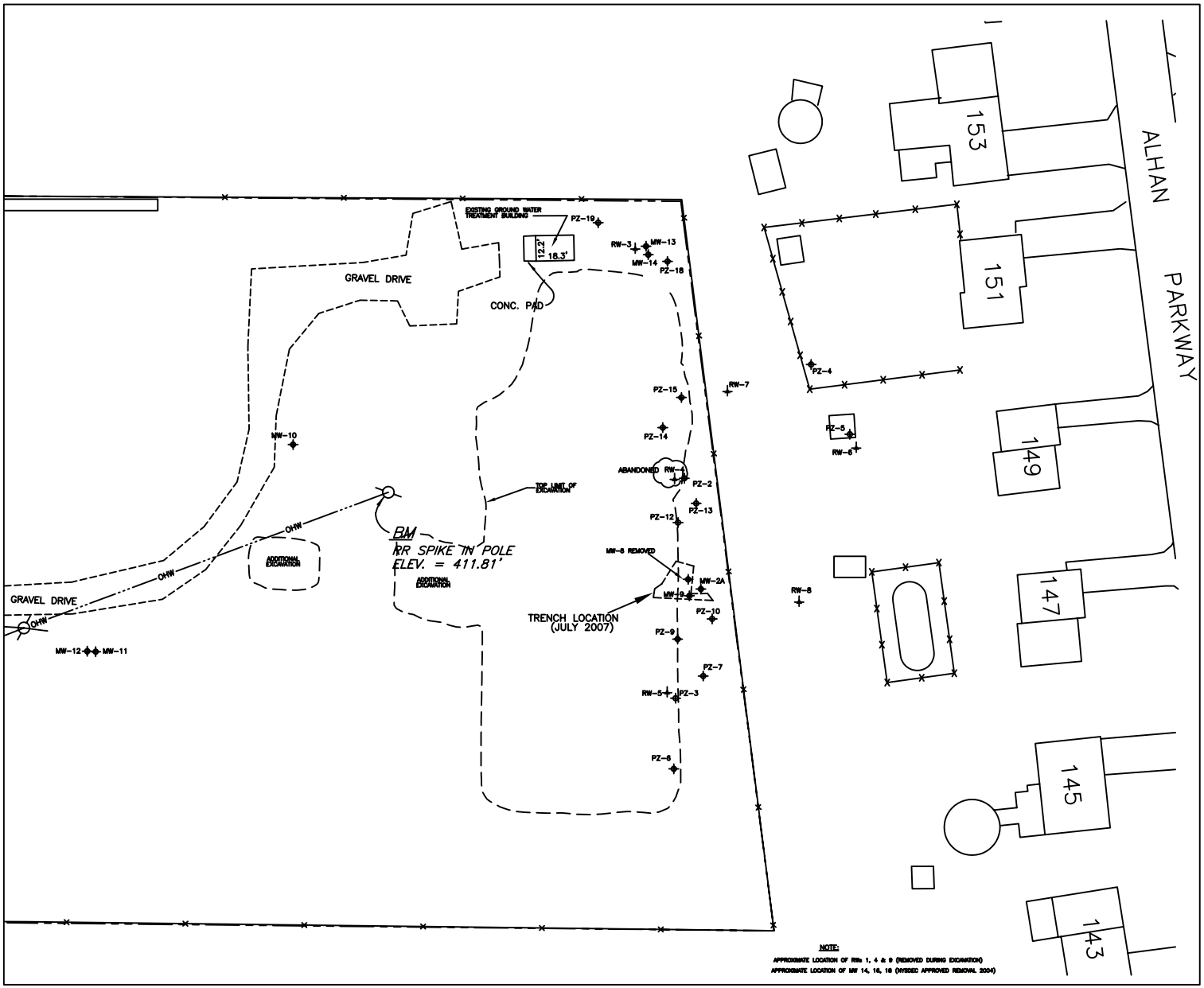
Well Field Data

Stauffer Management Company
Maestri Site

Quarterly Groundwater Sampling - February 2009

Well	Date Sampled	Diameter (in)	Total Well Depth (ft bgs)	Depth to Water (ft)	Water Column (ft)	Purged Volume (gal)	Final pH	Final Temp (°C)	Conductivity (mS/cm)	TDS (ppt)
MW-2A	2/19/09	8	20.6	9.4	13.9	110	7.35	8.4	0.63	0.31
MW-9	2/19/09	2	17	9	8.6	5	7.21	8.9	0.79	0.38
RW-3	2/18/09	6	25.33	14.7	11.6	55	7.40	11.5	1.11	0.55
RW-5	2/18/09	6	24.53	7.5	18.0	80	7.30	9.6	0.64	0.32
RW-6	2/18/09	6	21.86	2.7	19.2	90	8.60	8.9	1.61	0.81
RW-7	2/18/09	6	27.5	13.5	15.0	75	7.47	10.0	0.91	0.46
RW-8	2/19/09	6	24.5	10.2	15.3	80	7.34	10.0	0.94	0.46
PZ-4	2/19/09	2	19.5	4.3	15.2	10	7.64	10.1	1.71	0.85

IMAGE	X-REF	OFFICE	DRAWN BY	REVISED	APPROVED BY	DRAWING NUMBER
---	---	ALB	DEO 7-19-99	MRW 07/07/08	---	SUMJUL99



STAUFFER
MANAGEMENT COMPANY
BASE MAP PROVIDED BY IT CORPORATION
SURVEY BY CT MALE

FIGURE 1
SITE PLAN
2008
MAESTRI SITE
904 STATE FAIR BLVD.
GEDDES, NEW YORK

IMAGE	X-REF	OFFICE	DRAWN BY	REVISED		APPROVED BY	DRAWING NUMBER
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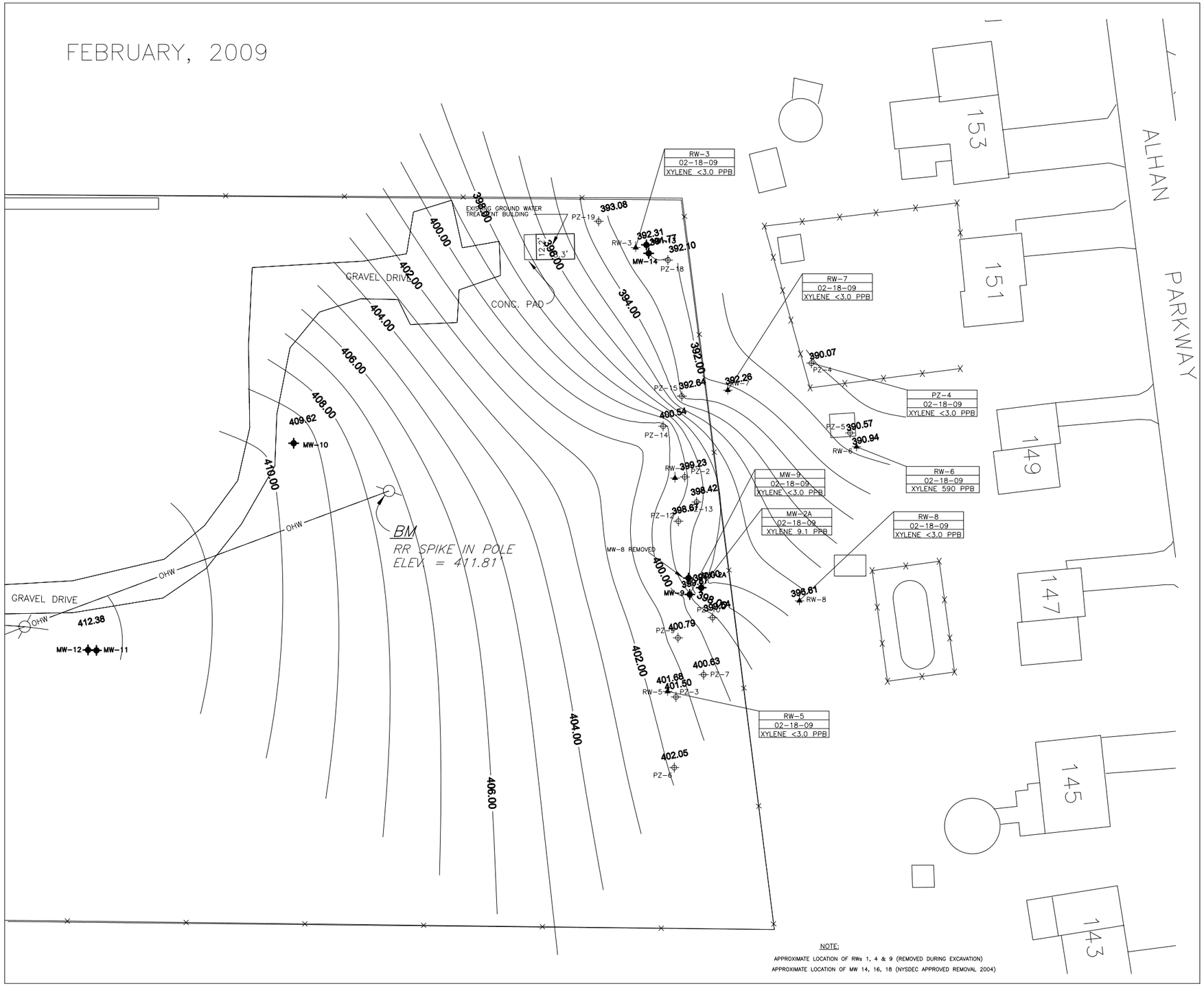
			7-19-99				

FEBRUARY, 2009



NOTE:
APPROXIMATE LOCATION OF RWs 1, 4 & 9 (REMOVED DURING EXCAVATION)
APPROXIMATE LOCATION OF MW 14, 16, 18 (NYSDEC APPROVED REMOVAL 2004)

LEGEND
- MONITORING WELL
- RECOVERY WELL
- PIEZOMETER
- MAESTRI SITE PROPERTY BOUNDARY
- 8' HIGH SECURITY FENCE
- ELECTRIC POLE

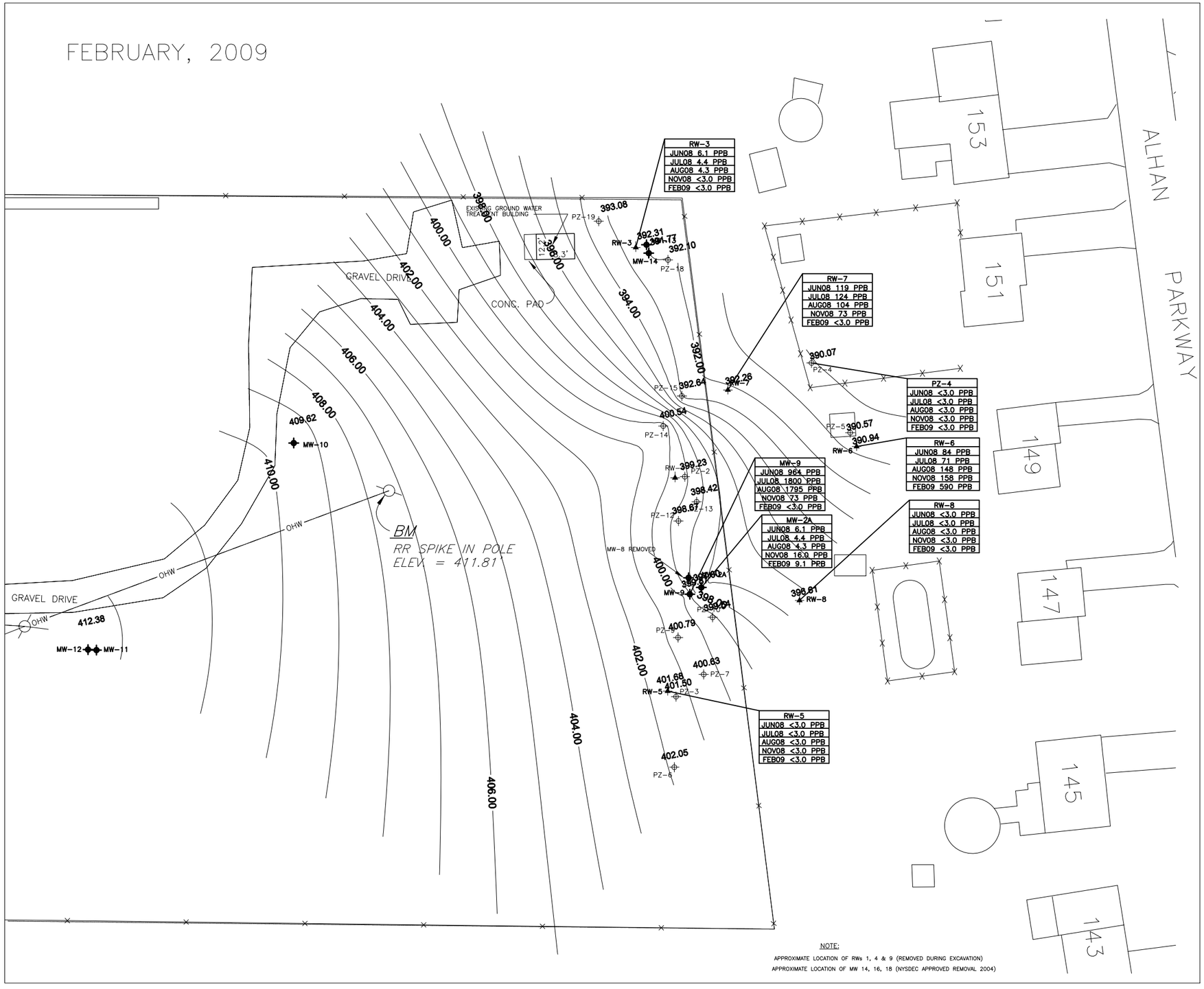
SCALE
0 30 60 90 FEET

STAUFFER
MANAGEMENT COMPANY
BASE MAP PROVIDED BY IT CORPORATION
SURVEY BY CT MALE

FIGURE 2a
GROUNDWATER CONTOURS
FEBRUARY 2009
MAESTRI SITE
904 STATE FAIR BLVD.
GEDDES, NEW YORK

IMAGE	X-REF	OFFICE	DRAWN BY	REVISED	APPROVED BY	DRAWING NUMBER
---	---	ALB	DEO	MRN 04/02/08	---	SUMNOV08
			7-19-99			

FEBRUARY, 2009



LEGEND

- MONITORING WELL
- RECOVERY WELL
- PIEZOMETER
- MAESTRI SITE PROPERTY BOUNDARY
- 8' HIGH SECURITY FENCE
- ELECTRIC POLE

SCALE

0 30 60 90 FEET

NOTE:

APPROXIMATE LOCATION OF RWs 1, 4 & 9 (REMOVED DURING EXCAVATION)

APPROXIMATE LOCATION OF MW 14, 16, 18 (NYSDEC APPROVED REMOVAL 2004)

STAUFFER
MANAGEMENT COMPANY
BASE MAP PROVIDED BY IT CORPORATION
SURVEY BY CT MALE

FIGURE 2b
GROUNDWATER CONTOURS
WITH XYLENE CONCENTRATION SUMMARY
MAESTRI SITE
904 STATE FAIR BLVD.
GEDDES, NEW YORK

Figure 3
Aquifer Thickness

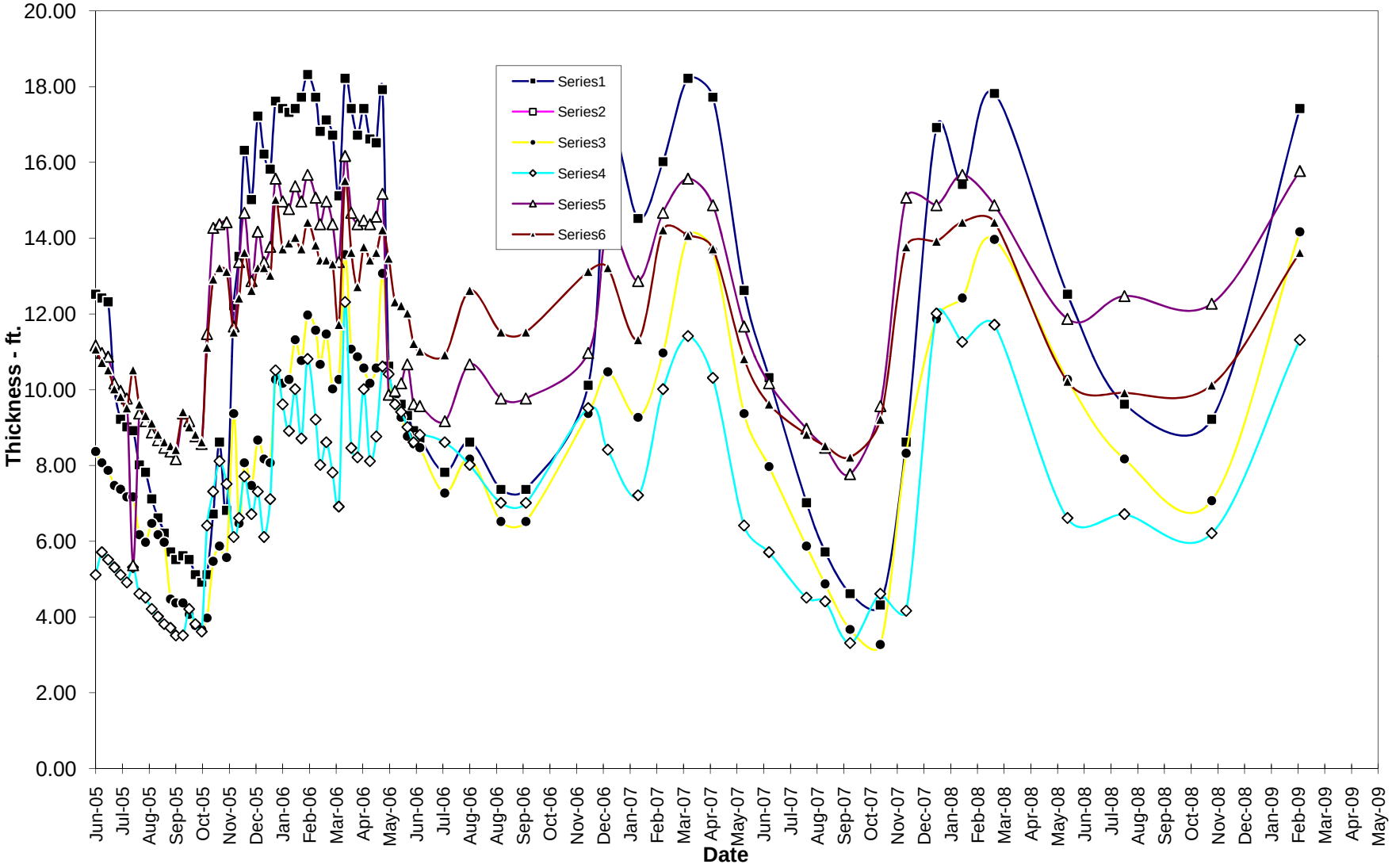


Figure 4
MW-2A (RW-2)

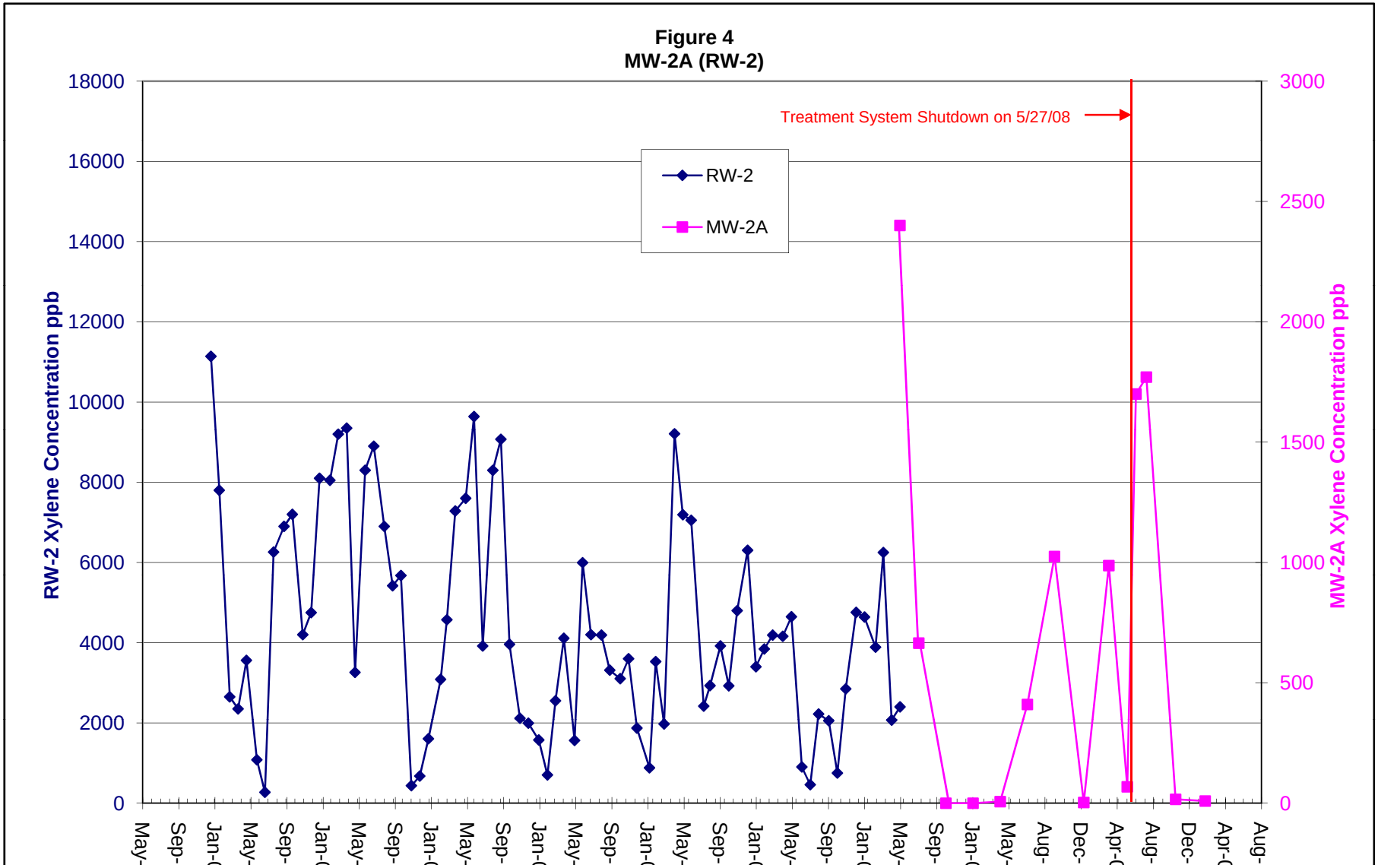
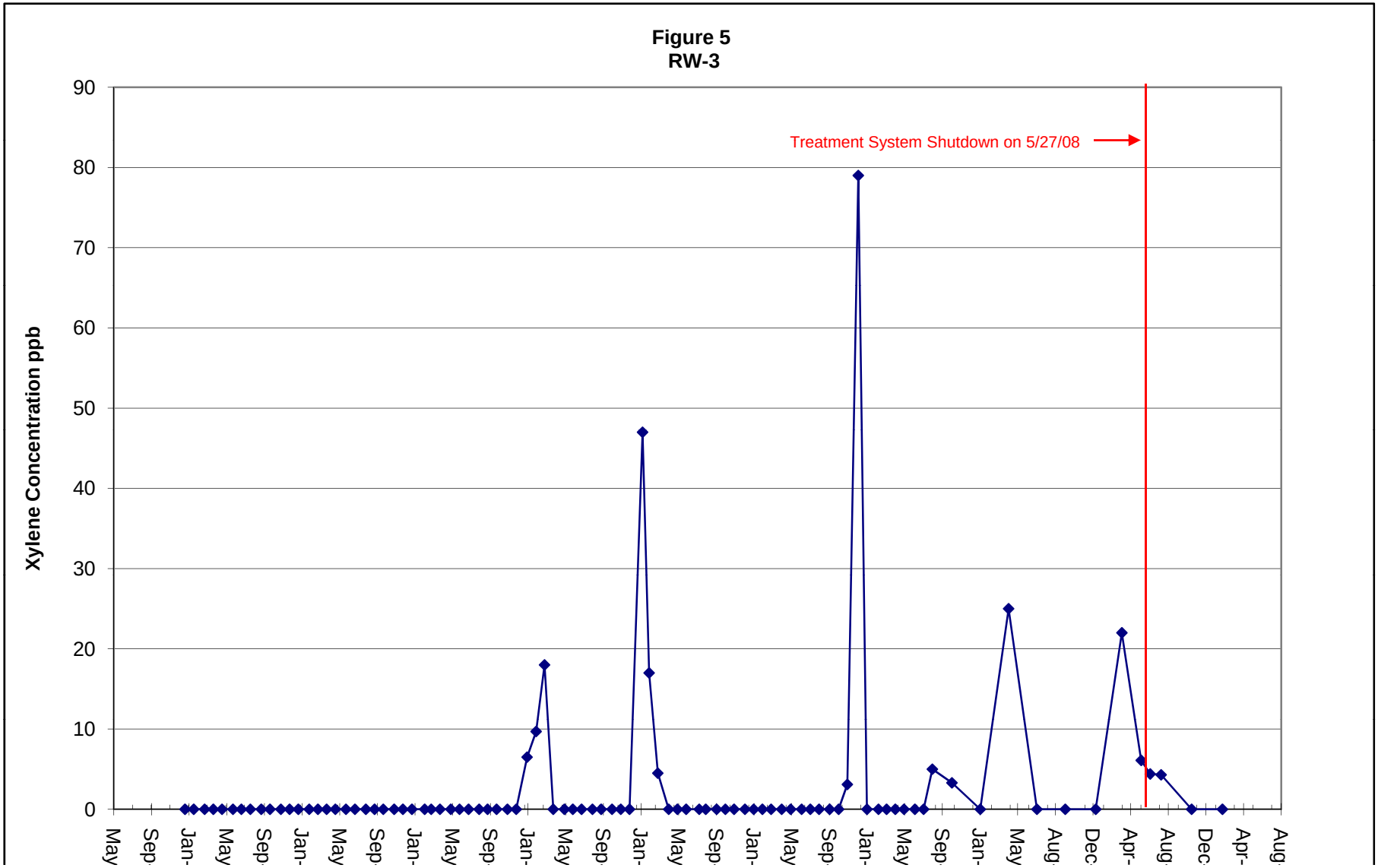


Figure 5
RW-3


Xylene Concentration ppb
90
80
70
60
50
40
30
20
10
0
Treatment System Shutdown on 5/27/08
May
Sep
Jan-
May
Sep
Jan-
May
Sep
Jan-
May
Sep
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Apr-
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Figure 6
RW-5

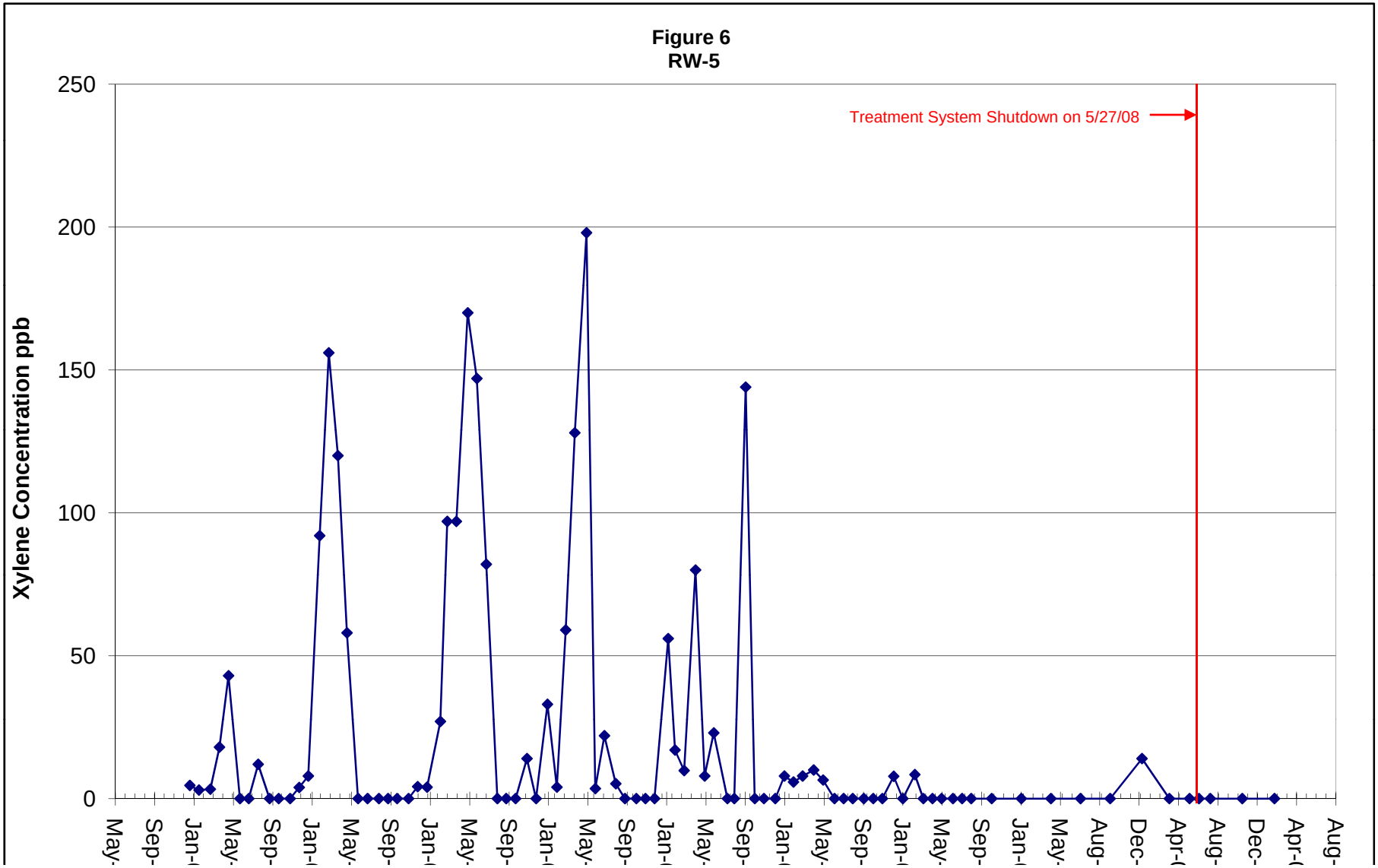
Xylene Concentration ppb
250
200
150
100
50
0
Treatment System Shutdown on 5/27/08
May-
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Figure 7
RW-6

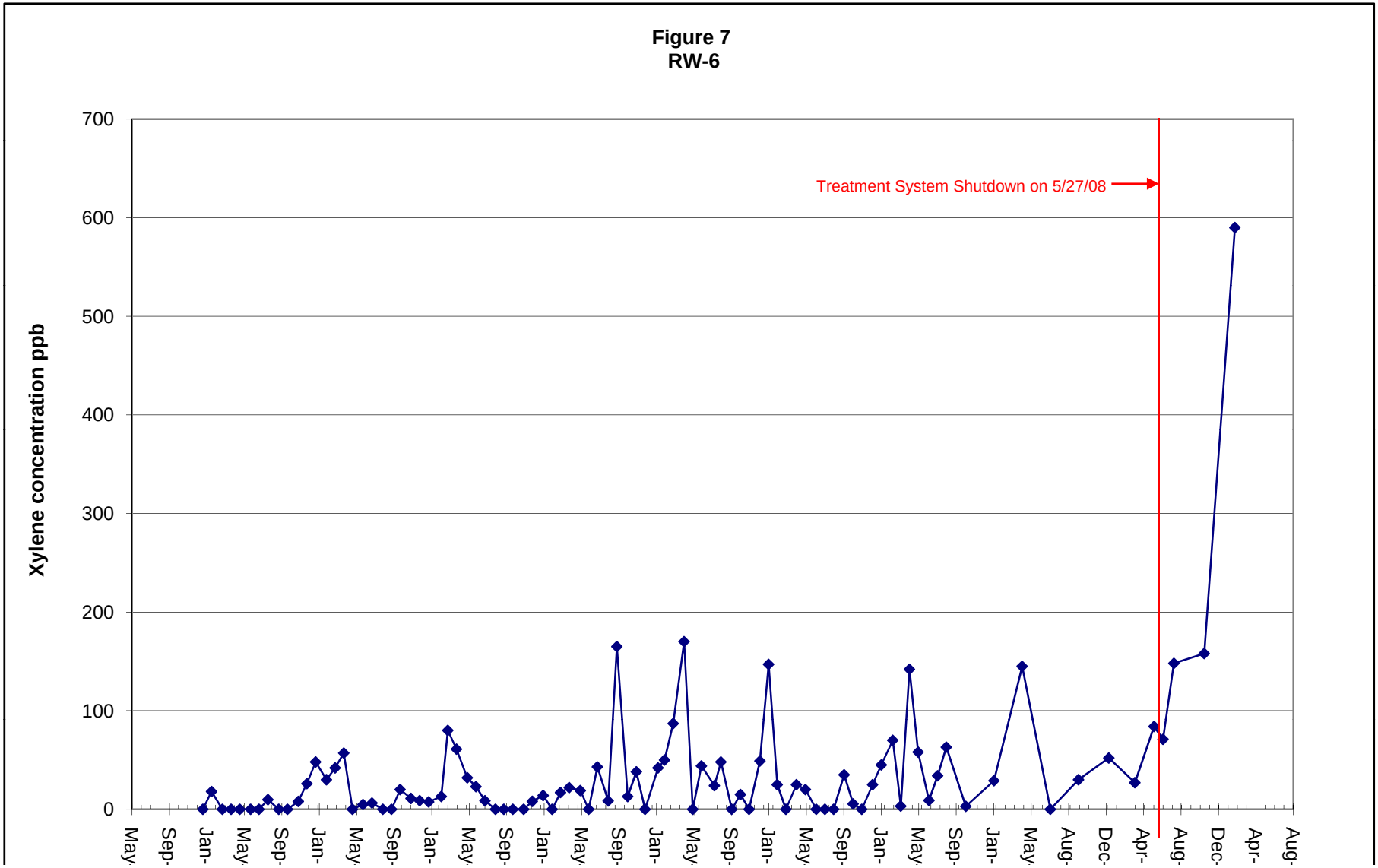
Xylene concentration ppb
700
600
500
400
300
200
100
0
Treatment System Shutdown on 5/27/08
May-
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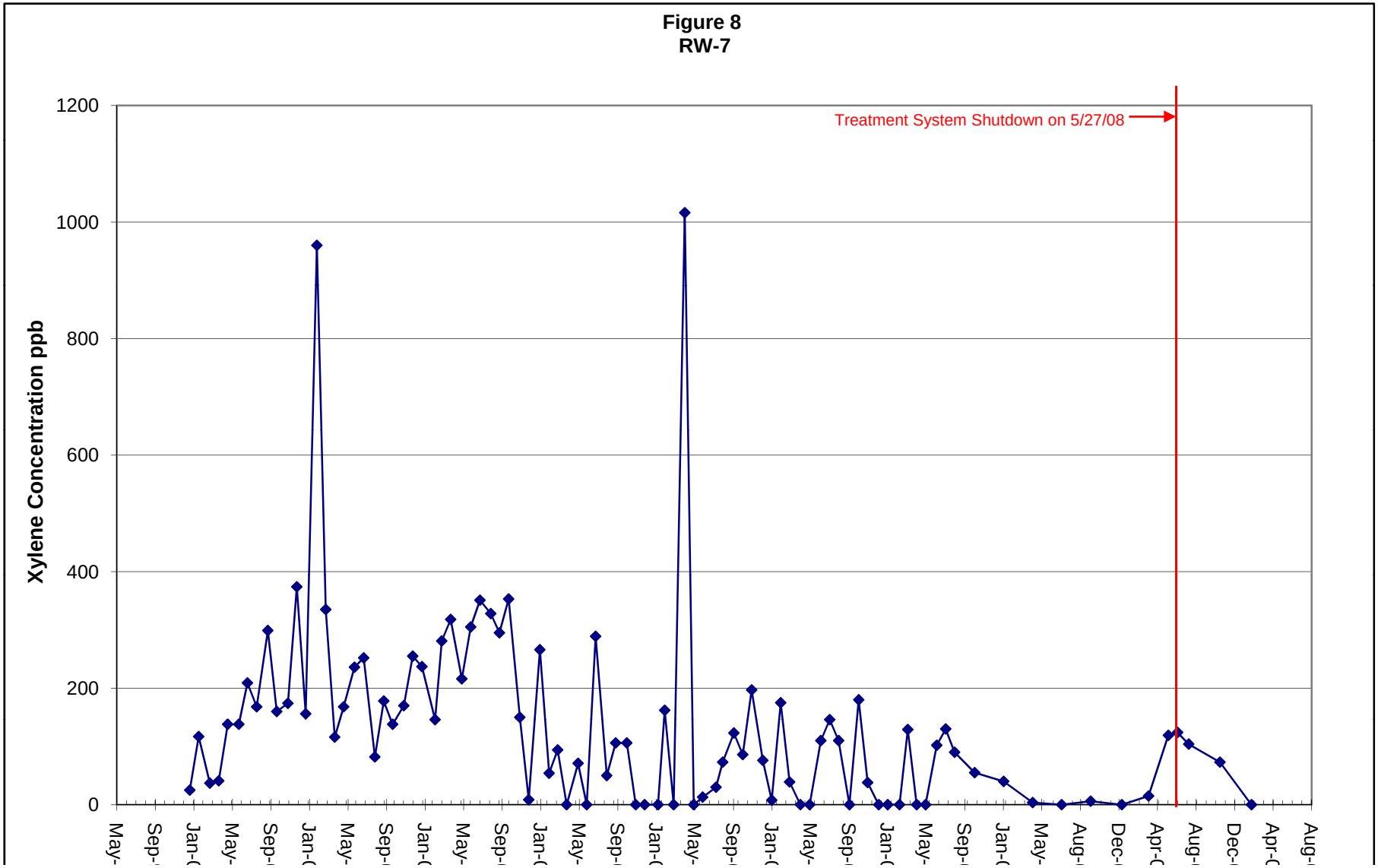
Figure 8
RW-7


Xylene Concentration ppb
1200
1000
800
600
400
200
0
Treatment System Shutdown on 5/27/08
May-
Sep-
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Jan-
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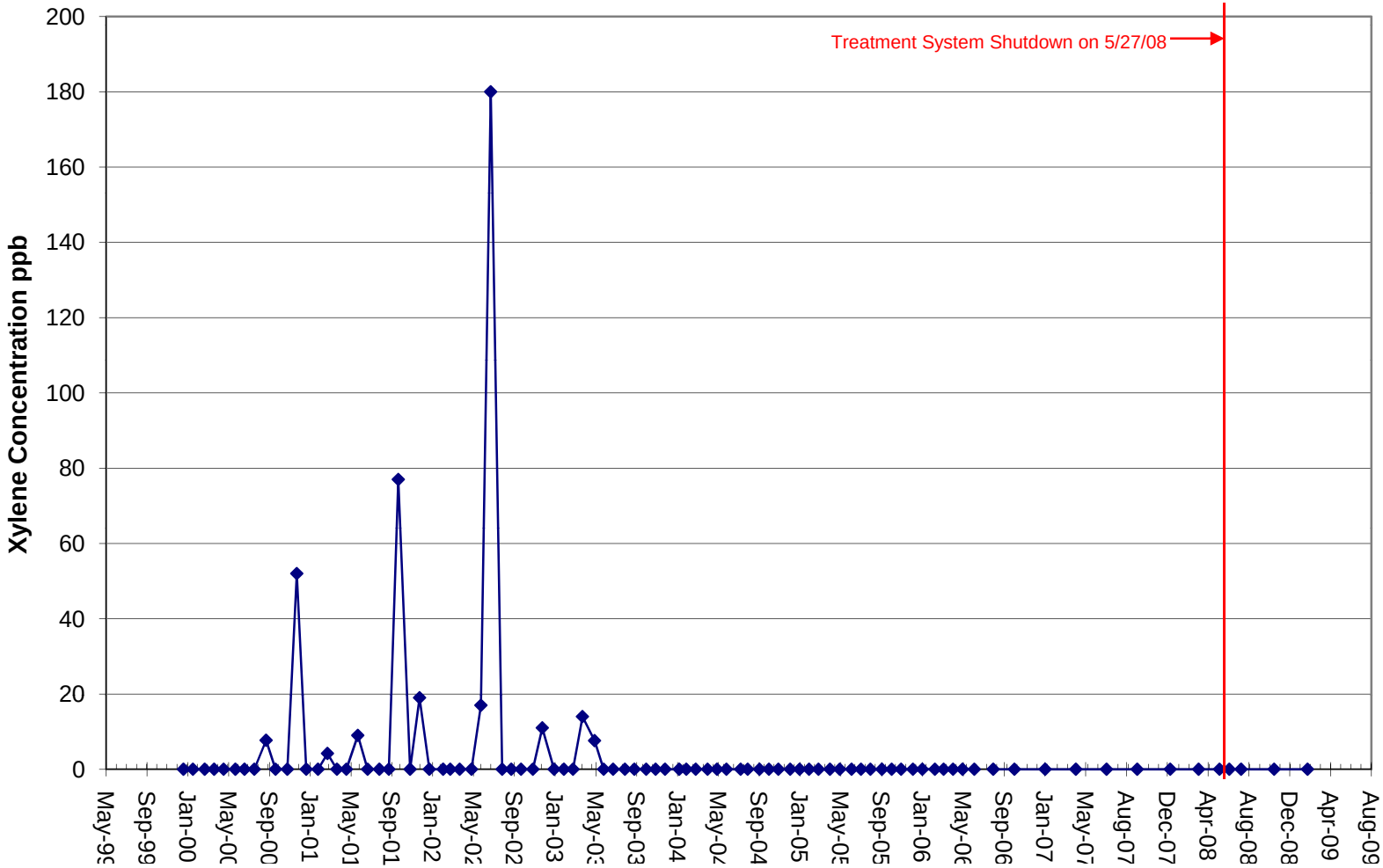
Figure 9
RW-8


Xylene Concentration ppb
200
180
160
140
120
100
80
60
40
20
0
Treatment System Shutdown on 5/27/08
May-99
Sep-99
Jan-00
May-00
Sep-00
Jan-01
May-01
Sep-01
Jan-02
May-02
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May-03
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Aug-07
Dec-07
Apr-08
Aug-08
Dec-08
Apr-09
Aug-09

ATTACHMENTS

ATTACHMENT 1

Well Sampling Field Reports

enviroSPEC ENGINEERING, PLLC
16 Computer Drive West
Albany, NY 12205
Phone: 518.438.6809
Fax: 518.438.8527

Well Sampling Field Record

WELL NO	RW-7
Date(s)	02/18/09

Weather	Temperature
Cloudy	High 38 Low 17

Project	4th Round of Sampling after Shutdown	Project No.	E07-102
Location	SMC Maestri; 304 State Fair Blvd, Syracuse, NY		

Well Info

Well #:	RW-7	Well Location:	Outside fence, east side
Well Diameter (in):	6”	Well Condition:	OK
A. Total Well Depth (ft bgs):	27.5	Depth to Bedrock (ft):	NA
B. TOC to Grade (ft):	1	TOC Elevation (ft):	
C. Depth to Water TOC (ft):	13.5	G. Volume Factors:	2-inch well = 0.163 gal/ft
D. Water Column Height (ft):	15.0	*= (A + B) - C*	4-inch well = 0.653 gal/ft
E. Total Well Volume (gal):	22.02	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes) (gal):	66.06	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	02/18/09	Pump/Method:	2” Submersible Grundfos and hand bail
Purge Start Time:	1344	Approx Flow Rate:	2 gpm
Purge Stop Time:	1400	Approx Volume Removed:	75 gal
Did well dry out?	No		

Sampling		Date;Time:	02/18/09; 1345	02/18/09; 1400	02/18/09; 1535
Sample ID:	RW-7	pH	7.68	7.88	7.47
Sample Method:	Hand bail	Temp (C)	10.6	10.8	10.0
Sample Date:	02/18/09	Conductivity (mS/cm)	0.83	0.96	0.91
Sample Time:	1535	TDS (ppt)	0.41	0.48	0.46

Appearance

Yellow / brown at first, then somewhat clear.

Comments

Converter set at 225.17 Hz
Measured volume removed by 5 gal buckets and a 55 gal drum.

Duplicate sample taken.

enviroSPEC ENGINEERING, PLLC
16 Computer Drive West
Albany, NY 12205
Phone: 518.438.6809
Fax: 518.438.8527

Well Sampling Field Record

WELL NO	RW-5
Date(s)	02/18/09

Weather	Temperature
Cloudy	High 38 Low 17

Project	4th Round of Sampling after Shutdown	Project No.	E07-102
Location	SMC Maestri; 304 State Fair Blvd, Syracuse, NY		

Well Info

Well #:	RW-5	Well Location:	Inside fence, south side
Well Diameter (in):	6”	Well Condition:	OK
A. Total Well Depth (ft bgs):	24.53	Depth to Bedrock (ft):	NA
B. TOC to Grade (ft):	1	TOC Elevation (ft):	
C. Depth to Water TOC (ft):	7.5	G. Volume Factors:	2-inch well = 0.163 gal/ft
D. Water Column Height (ft):	18.0	*= (A + B) - C*	4-inch well = 0.653 gal/ft
E. Total Well Volume (gal):	26.47	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes) (gal):	79.41	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	02/18/09	Pump/Method:	Existing Well Pump
Purge Start Time:	1100	Avg Approx Flow Rate:	0.5 to 1 gpm
Purge Stop Time:	1435	Total Volume Removed (approx):	80 gal
Did well dry out?	No		

Sampling		Date;Time:	02/18/09; 1125	02/18/09; 1300	02/18/09; 1550
Sample ID:	RW-5	pH	7.13	7.04	7.30
Sample Method:	Hand bail	Temp (C)	6.2	9.3	9.6
Sample Date:	02/18/09	Conductivity (mS/cm)	0.74	0.77	0.64
Sample Time:	1550	TDS (ppt)	0.36	0.38	0.32

Appearance

Cloudy / rust colored. Clear by 1325

Comments

Purged using existing pump in well. Measured amount purged by 5 gallon buckets.

16 Computer Drive West
Albany, NY 12205

Phone: 518.438.6809
Fax: 518.438.8527

Well Sampling Field Record

WELL NO	RW-3
Date(s)	02/18/09

Weather	Temperature
Cloudy	High 38 Low 17

Project	4th Round of Sampling after Shutdown	Project No.	E07-102
Location	SMC Maestri; 304 State Fair Blvd, Syracuse, NY		

Well Info

Well #:	RW-3	Well Location:	Inside fence, northeast corner side
Well Diameter (in):	6”	Well Condition:	OK
A. Total Well Depth (ft bgs):	25.33	Depth to Bedrock (ft):	NA
B. TOC to Grade (ft):	1	TOC Elevation (ft):	
C. Depth to Water TOC (ft):	14.7	G. Volume Factors:	2-inch well = 0.163 gal/ft
D. Water Column Height (ft):	11.6	*= (A + B) - C*	4-inch well = 0.653 gal/ft
E. Total Well Volume (gal):	17.07	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes) (gal):	51.22	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	02/18/09	Pump/Method:	2” Submersible Grundfos
Purge Start Time:	1105	Avg Approx Flow Rate:	2 gpm
Purge Stop Time:	1215	Total Volume Removed (approx):	55 gal
Did well dry out?	Yes		

Sampling		Date;Time:	02/18/09; 1108	02/18/09; 1115	02/18/09; 1500
Sample ID:	RW-3	pH	7.42	7.63	7.40
Sample Method:	Hand bail	Temp (C)	10.2	10.4	11.5
Sample Date:	02/18/09	Conductivity (mS/cm)	0.26	1.20	1.11
Sample Time:	1500	TDS (ppt)	0.13	0.60	0.55

Appearance

Clear.

Comments

Converter set at 233.58 Hz
Measured by 55 gallon drum.

enviroSPEC ENGINEERING, PLLC
16 Computer Drive West
Albany, NY 12205
Phone: 518.438.6809
Fax: 518.438.8527

Well Sampling Field Record

WELL NO MW-2A

Date(s) 2/18/09 - 2/19/09

Weather	Temperature
Overcast / Snow showers	High 38 Low 17

Project	4th Round of Sampling after Shutdown	Project No.	E07-102
Location	SMC Maestri; 304 State Fair Blvd, Syracuse, NY		

Well Info

Well #:	MW-2A	Well Location:	Near back gate
Well Diameter (in):	8”	Well Condition:	OK
A. Total Well Depth (ft bgs):	20.64	Depth to Bedrock (ft):	NA
B. TOC to Grade (ft):	2.7 (23’ total)	TOC Elevation (ft):	
C. Depth to Water TOC (ft):	9.4	G. Volume Factors:	2-inch well = 0.163 gal/ft
D. Water Column Height (ft):	13.94	*= (A + B) - C*	4-inch well = 0.653 gal/ft
E. Total Well Volume (gal):	36.37	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes) (gal):	109.11	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	02/19/09	Pump/Method:	2” Submersible Grundfos
Purge Start Time:	0815	Avg Approx Flow Rate:	1.5 to 2 gpm
Purge Stop Time:	0900	Total Volume Removed (approx):	110 gallons
Did well dry out?	No		

Sampling		Date;Time:	02/19/09; 0815	02/19/09; 0840	02/19/09; 1150
Sample ID:	MW-2A	pH	7.52	7.39	7.35
Sample Method:	Hand bail	Temp (C)	10.2	9.2	8.4
Sample Date:	02/19/09	Conductivity (mS/cm)	1.02	0.69	0.63
Sample Time:	1150	TDS (ppt)	0.51	0.34	0.31

Appearance

Yellow/clear

Comments

Converter set at 235.44 Hz
Volume purged measured by 55 gallons drums.

enviroSPEC ENGINEERING, PLLC
16 Computer Drive West
Albany, NY 12205
Phone: 518.438.6809
Fax: 518.438.8527

Well Sampling Field Record

WELL NO RW-8

Date(s) 02/18/09 - 02/19/09

Weather	Temperature
Overcast / Snow showers	High 38 Low 17

Project	2nd Round Monthly Sampling after shutdown	Project No.	E07-102
Location	SMC Maestri; 304 State Fair Blvd, Syracuse, NY		

Well Info

Well #:	RW-8	Well Location:	Outside fence, northern side, in path
Well Diameter (in):	6"	Well Condition:	OK
A. Total Well Depth (ft bgs):	24.5	Depth to Bedrock (ft):	NA
B. TOC to Grade (ft):	1	TOC Elevation (ft):	
C. Depth to Water TOC (ft):	10.2	G. Volume Factors:	2-inch well = 0.163 gal/ft
D. Water Column Height (ft):	15.3	*= (A + B) - C*	4-inch well = 0.653 gal/ft
E. Total Well Volume (gal):	22.46	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes) (gal):	67.38	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	02/18-02/19	Pump/Method:	Existing Pump in Well
Purge Start Time:	1200 on 2/18	Avg Approx Flow Rate:	1 to 4 gpm
Purge Stop Time:	0845 on 2/19	Total Volume Removed (approx):	80 gallons
Did well dry out?	Yes		

Sampling		Date;Time:	02/18/09; 1205	02/18/09; 1325	02/19/09; 1105
Sample ID:	RW-8	pH	7.08	7.18	7.34
Sample Method:	Hand bail	Temp (C)	7.8	6.8	10.0
Sample Date:	02/19/09	Conductivity (mS/cm)	1.03	0.90	0.94
Sample Time:	1105	TDS (ppt)	0.51	0.45	0.46

Appearance

Rusty at first. Clear at 1325 on 02/18.
Rust colored again on 02/19. Significantly clearer after 5 five-gallon buckets (25gal).

Comments

Purged using existing pump in well and measured 5 gallon buckets.
1200-1600 on 2/18
0815-0845 on 2/19

enviroSPEC ENGINEERING, PLLC
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Albany, NY 12205
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Fax: 518.438.8527

Well Sampling Field Record

WELL NO	RW-6
Date(s)	02/18/09

Weather	Temperature
Cloudy	High 38 Low 17

Project	4th Round of Sampling after Shutdown	Project No.	E07-102
Location	SMC Maestri; 304 State Fair Blvd, Syracuse, NY		

Well Info

Well #:	RW-6	Well Location:	Back yard of residence
Well Diameter (in):	6"	Well Condition:	OK
A. Total Well Depth (ft bgs):	21.86	Depth to Bedrock (ft):	NA
B. TOC to Grade (ft):	--	TOC Elevation (ft):	
C. Depth to Water TOC (ft):	2.7	G. Volume Factors:	2-inch well = 0.163 gal/ft
D. Water Column Height (ft):	19.16	*= (A + B) - C*	4-inch well = 0.653 gal/ft
E. Total Well Volume (gal):	28.13	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes) (gal):	84.39	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	02/18/09	Pump/Method:	Existing Well Pump
Purge Start Time:	1100	Avg Approx Flow Rate:	5-8 gpm
Purge Stop Time:	1200	Total Volume Removed (approx):	90 gallons
Did well dry out?	Yes		

Sampling		Date;Time:	02/18/09; 1135	02/18/09; 1143	02/18/09; 1515
Sample ID:	RW-6	pH	8.38	8.32	8.60
Sample Method:	Hand bail	Temp (C)	7.2	8.3	8.9
Sample Date:	02/18/09	Conductivity (mS/cm)	1.63	1.61	1.61
Sample Time:	1515	TDS (ppt)	0.81	0.80	0.81

Appearance

Black/sediment at first. Then light black and clearer. Final sample – gray/clear.

Comments

Purged from existing pump. Measured into 5 gallon buckets.

enviroSPEC ENGINEERING, PLLC
16 Computer Drive West
Albany, NY 12205
Phone: 518.438.6809
Fax: 518.438.8527

Well Sampling Field Record

WELL NO MW-9

Date(s) 02/18/09 – 02/19/09

Weather	Temperature
Overcast / Snow showers	High 38 Low 17

Project	4th Round of Sampling after Shutdown	Project No.	E07-102
Location	SMC Maestri; 304 State Fair Blvd, Syracuse, NY		

Well Info

Well #:	MW-9	Well Location:	Back yard of residence
Well Diameter (in):	2"	Well Condition:	OK
A. Total Well Depth (ft bgs):	16.6	Depth to Bedrock (ft):	NA
B. TOC to Grade (ft):	1 (18' total)	TOC Elevation (ft):	
C. Depth to Water TOC (ft):	9.0	G. Volume Factors:	2-inch well = 0.163 gal/ft
D. Water Column Height (ft):	8.6	= *(A + B) - C*	4-inch well = 0.653 gal/ft
E. Total Well Volume (gal):	1.4	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes) (gal):	4.2	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	02/19/09	Pump/Method:	Hand bailed
Purge Start Time:	1115	Avg Approx Flow Rate:	N/A
Purge Stop Time:	1115	Total Volume Removed (approx):	5 gallons
Did well dry out?	No		

Sampling		Date;Time:	02/19/09; 1125		
Sample ID:	MW-9	pH	7.21		
Sample Method:	Hand bail	Temp (C)	8.9		
Sample Date:	02/19/09	Conductivity (mS/cm)	0.79		
Sample Time:	1125	TDS (ppt)	0.38		

Appearance

Light brown/cloudy. Sample brown/cloudy.

Comments

enviroSPEC ENGINEERING, PLLC
16 Computer Drive West
Albany, NY 12205
Phone: 518.438.6809
Fax: 518.438.8527

Well Sampling Field Record

WELL NO PZ-4

Date(s) 02/18/09 – 02/19/09

Weather	Temperature
Overcast / Snow showers	High 38 Low 17

Project	4th Round of Sampling after Shutdown	Project No.	E07-102
Location	SMC Maestri; 304 State Fair Blvd, Syracuse, NY		

Well Info

Well #:	PZ-4	Well Location:	Back yard of residence
Well Diameter (in):	2”	Well Condition:	OK
A. Total Well Depth (ft bgs):	19.5	Depth to Bedrock (ft):	NA
B. TOC to Grade (ft):	--	TOC Elevation (ft):	
C. Depth to Water TOC (ft):	4.3	G. Volume Factors:	2-inch well = 0.163 gal/ft
D. Water Column Height (ft):	15.2	*= (A + B) - C*	4-inch well = 0.653 gal/ft
E. Total Well Volume (gal):	2.5	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes) (gal):	7.5	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	02/19/09	Pump/Method:	Hand bailed
Purge Start Time:	1900	Avg Approx Flow Rate:	N/A
Purge Stop Time:	1005	Total Volume Removed (approx):	10 gal
Did well dry out?	No		

Sampling		Date;Time:	02/19/09; 1005
Sample ID:	PZ-4	pH	7.64
Sample Method:	Hand bail	Temp (C)	10.1
Sample Date:	02/19/09	Conductivity (mS/cm)	1.71
Sample Time:	1005	TDS (ppt)	0.85

Appearance

Sample: Light brown/cloudy

Comments

Measured by 5 gallon buckets.

ATTACHMENT 2

Laboratory Analytical Results

CES Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Stauffer Management Company
4512 Jordan Road
Skaneateles Falls, NY 13153-
Attn: Ms. Gianna Aiezza

PROJECT NAME: Maestri Site
DATE: 02/24/2009

LAB No.	SAMPLE DATE	SAMPLE TIME	SAMPLER	DELIVERY TO LAB DATE	DELIVERY TO LAB TIME	MATRIX
554090	02/19/09	1005	Nicole Walsh	02/19/09	1305	WW
554091	02/19/09	1125	Nicole Walsh	02/19/09	1305	WW
554092	02/19/09	1150	Nicole Walsh	02/19/09	1305	WW
554093	02/18/09	1515	Nicole Walsh	02/19/09	1305	WW
554094	02/19/09	1105	Nicole Walsh	02/19/09	1305	WW
554095	02/18/09	1500	Nicole Walsh	02/19/09	1305	WW
554096	02/18/09	1550	Nicole Walsh	02/19/09	1305	WW
554097	02/18/09	1535	Nicole Walsh	02/19/09	1305	WW

CLIENT STATION ID	LAB NUMBER	Sample Receipt Temperature Degrees C	TOTAL XYLENES ug/L
PZ-4	554090	4.6	< 3.0
MW-9	554091	4.6	< 3.0
MW-2A	554092	4.6	9.1
RW-6	554093	4.6	590
RW-8	554094	4.6	< 3.0
RW-3	554095	4.6	< 3.0
RW-5	554096	4.6	< 3.0
RW-7	554097	4.6	< 3.0

Note: Samples analyzed by Method EPA 624.

NYSDOH LAB ID NO. 11246

APPROVED BY: _____
(Terms and Conditions on Reverse Side)

Patrick A. Leone, Jr.
Laboratory Director

The analytical results on this sample are representative of the sample as received by the Laboratory.

CES Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Stauffer Management Company
4512 Jordan Road
Skaneateles Falls, NY 13153-
Attn: Ms. Gianna Aiezza

PROJECT NAME: Maestri Site
DATE: 02/24/2009

LAB No.	SAMPLE DATE	SAMPLE TIME	SAMPLER	DELIVERY TO LAB DATE	DELIVERY TO LAB TIME	MATRIX
554098	02/18/09	1535	Nicole Walsh	02/19/09	1305	WW
554099	02/18/09	1500	Nicole Walsh	02/19/09	1305	WW

CLIENT STATION ID	LAB NUMBER	Sample Receipt Temperature Degrees C	TOTAL XYLENES ug/L
DUP	554098	4.6	< 3.0
Trip	554099	4.6	< 3.0

Note: Samples analyzed by Method EPA 624.

NYSDOH LAB ID NO. 11246 APPROVED BY: (Terms and Conditions on Reverse Side)

Patrick A. Leone, Jr.
Laboratory Director

The analytical results on this sample are representative of the sample as received by the Laboratory.

CHAIN OF CUSTODY RECORD

CES
Certified Environmental Services, Inc.
1401 Erie Blvd. East
Syracuse, NY 13210

Phone: 315-478-2374 Fax: 315-478-2107

BATCH NO: A7255

Page 1 of 1

Turn-Around Time:
- ☐ Standard
- ☒ 1 Week
- ☐ 72 Hours
- ☐ 48 Hours
- ☐ 24 Hours

CLIENT NAME: Stauffer
ADDRESS: 452 Jordan Rd
Shoneateles Falls, NY 13153
PHONE: 518·453·2203
FAX: 518·689·4800
CONTACT NAME: Nicole Walsh

PROJECT NUMBER/NAME: Maestri Site

PURCHASE ORDER NO:

Sampler's Name: Nicole Walsh Signature:

LAB USE ONLY CES Sample Numbers	Collected Date	Collected Time	TYPE Comp.	TYPE Grab	MATRIX Aqueous	MATRIX Soil	MATRIX Other	CLIENT ID/SAMPLE LOCATION	TOTAL NUMBER OF CONTAINERS	PARAMETERS FOR ANALYSIS: Xylene
P2-4	2/19	1005		X	X			554090	2	X
MW-9	2/19	1125		X	X			554091	2	X
MW-2A	2/19	1150		X	X			554092	2	X
RW-6	2/18	1515		X	X			554093	2	X
RW-8	2/19	1105		X	X			554094	2	X
RW-3	2/18	1500		X	X			554095	2	X
RW-5	2/18	1550		X	X			554096	2	X
RW-7	2/18	1535		X	X			554097	2	X
DUP	2/18	1535		X	X			554098	2	X
TRIP	2/18	1500		X	X			554099	2	X
									20	TOTAL NUMBER OF CONTAINERS

SPECIAL REMARKS:

SAMPLES RELINQUISHED BY:
NAME: Nicole Walsh DATE: 2/19
SIGNATURE: TIME: 12:15
NAME: Sean MacRae DATE: 2-19-09
SIGNATURE: TIME: 1305

SAMPLES RECEIVED BY:
NAME: SEAN MacRae DATE: 2/19
SIGNATURE: TIME: 12:16
NAME: DATE: 2-19-09
SIGNATURE: TIME: 1305

Samples Received in Good Condition:
☒ Yes ☐ No
Temperature 4.6 °C

White - CES's Copy • Canary - Return to Client With Report • Pink - Clients Initial Copy

ATTACHMENT 3

Site Inspection Reports

enviroSPEC ENGINEERING, PLLC
16 Computer Drive West
Albany, NY 12205
Phone: 518.438.6809
Fax: 518.438.8527

Site Inspection Report

Date: 2/19
Time: 11:00

Weather	Temperature
Snow Showers	High 38 Low 17

Client	Stauffer Management Company, LLC	Project No.	E07-102
Location	Maestri Site, 904 State Fair Blvd, Geddes, NY	Inspected By:	NWalsh

Please note any deficiencies, issues, or actions taken at the bottom of the page or on continuation pages

Site Security	Circle one			Comments/Action Required
1. Was gate closed and locked when arriving at site?	(Y)	N	NA	
2. Are there any holes or breaks in the fencing?	(Y)	N	NA	Minor - no repair yet
3. Was the door to the treatment shed locked?	(Y)	N	NA	
4. Is the back gate closed and locked?	(Y)	N	NA	
5. Are there any signs of vandalism or unauthorized entry (odd tire tracks, damage to fence, strange debris [bottles, cans, etc])?	Y	(N)	NA	
5a. If so, explain below and notify SMC and Envirospec immediately	—			
Wells				
6. Are wells intact? *(except PZ-10 which has been damaged)*	(Y)	N	NA	
7. Are all wells covered (with lid or cap)? *(except wells noted below)*	(Y)	N	NA	
8. Are all wells locked? *(except wells noted below)*	(Y)	N	NA	
Site Maintenance				
9. Is there any garbage or debris? If so, please remove/discard.	Y	(N)	NA	
10. Is there visible dust?	Y	(N)	NA	
11. Does the grass need to be mowed?	Y	(N)	NA	
12. Do any areas need to be weeded or shrub cleared?	Y	(N)	NA	
13. Are there any bald spots in grassy areas?	Y	(N)	NA	
14. Are the access roads clear?	(Y)	N	NA	
15. Do any areas (site roads or access to wells) need to be plowed?	Y	(N)	NA	
16. Are there any sink holes throughout the site?	(Y)	N	NA	fix in Spring
17. Any odors onsite?	Y	(N)	NA	
18. Are site signs still up and visible?	(Y)	N	NA	
Erosion Control				
19. Is silt fence still intact and upright?	(Y)	N	NA	
19a. If areas need repair or erosion control installed, indicate below and contact Abscope for repairs.	—			
20. Is there any evidence of runoff? (i.e. water flow paths on ground)	Y	(N)	NA	
21. Is there any standing, ponded, or pools of water?	Y	(N)	NA	
22. Are there any signs of runoff at the northeast corner? *(stone area)*	Y	(N)	NA	
23. Is there currently any surface water runoff?	Y	(N)	NA	
23a. If so, describe where, approximate flow, and appearance of water below.				
Treatment System				
24. Are the breakers for the pumps still in the off position?	(Y)	N	NA	
25. Does effluent totalizer on the wall for still read 2846902?	(Y)	N	NA	
25a. If not, contact Envirospec or SMC immediately and check that effluent valve is closed.	—			
26. Are all critical valves in the closed position?	(Y)	N	NA	
27. Are there any system status alarms on the computer?	Y	(N)	NA	
27a. If so, describe below how they have been handled. *(this does not include well level alarms)*	—			
28. Are all flow values on computer "zero"?	(Y)	N	NA	
("Flow to sewer," "Tot flow to sewer," "tot daily flow," and "TGAL" for each well should each be "zero")				
28. Check level of sump. Does sump need to be pumped out?	Y	(N)	NA	
29. List water level for each recovery well as shown on computer: (total depth of well is shown in brackets)				
RW-7 [27.5']	10.90	RW-5 [24.5']	16.78	
RW-2 (not online)	2.47	RW-8 [24.5']	6.61	
RW-3 [25.3']	13.21	RW-6 [21.8']	17.54	
30. Are any recovery wells at close to overtopping? (ref total depth above)	Y	(N)	NA	
Upon leaving the site, check the following;				
31. Is the treatment shed locked?	(Y)	N	NA	
32. Were the gates closed and locked after leaving site?	(Y)	N	NA	

Note: Some wells cannot be locked including PZ-10, RW-3, RW-4, and RW-5.

Signature of Inspector: NWalsh

Include General Site Observations and Follow-Up Actions on the Reverse