STAUFFER MANAGEMENT COMPANY
MAESTRI SITE
GEDDES, NEW YORK

POST GROUNDWATER COLLECTION / TREATMENT SYSTEM SHUTDOWN

QUARTERLY REPORT – NOVEMBER 2008

Prepared for:

Stauffer Management Co.
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Envirospec Engineering Project E07-102a

Date Prepared: January, 2009

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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 August to November of 2008. 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 4

The fourth round of groundwater sampling was the first quarterly sampling event and was conducted November 11th and 12th, 2008. 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 – November 11, 2008

WELL NUMBER	MEASURING POINT ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION
MW-9	408.87	15.80	393.07
MW-10	413.82	12.40	401.42
MW-12	418.28	10.10	408.18
MW-14	405.17	17.00	388.17
PZ-2	407.23	11.30	395.93
PZ-3	409.60	15.90	393.70
PZ-4	394.37	7.90	386.47
PZ-5	393.37	6.40	386.97
PZ-6	410.15	16.30	393.85
PZ-7	409.13	15.90	393.23
PZ-9	408.69	15.00	393.69
PZ-10	407.04	14.25	392.79
PZ-12	408.17	14.60	393.57

Table 1

Groundwater Elevations – November 11, 2008

WELL NUMBER	MEASURING POINT ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION
PZ-13	407.12	14.00	393.12
PZ-14	408.44	11.40	397.04
PZ-15	406.74	17.70	389.04
PZ-18	406.30	17.70	388.60
PZ-19	406.88	17.30	389.58
MW-2A (formerly RW-2)	406.40	16.00	390.40
RW-3	407.01	18.20	388.81
RW-5	409.18	15.30	393.88
RW-6	393.64	6.20	387.44
RW-7	405.76	17.10	388.66
RW-8	406.81	15.00	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 MW-2A for laboratory and sampling quality assurance/quality control purposes. The result of the duplicate sample was unavailable due to a laboratory accident. 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 four rounds of sampling post shutdown is shown on Figure 2b.

Table 2

Summary of Xylene in Groundwater – November 2008

Well	Xylene Concentration in Groundwater (ppb)
MW-2A	16
MW-9	73
RW-3	< 3.0
RW-5	< 3.0
RW-6	158
RW-7	73
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.

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 six months of shut down went smoothly with no significant flooding events or peaks in xylene concentrations. The plume appeared to remain stable with no significant migration.

Based on sampling results over the first three months post shutdown, an alternate long term sampling schedule which consists of sampling and reporting on a quarterly basis until May 2009 was requested and approved. The next quarterly sampling and site inspection will be completed in February 2009, and then again 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

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

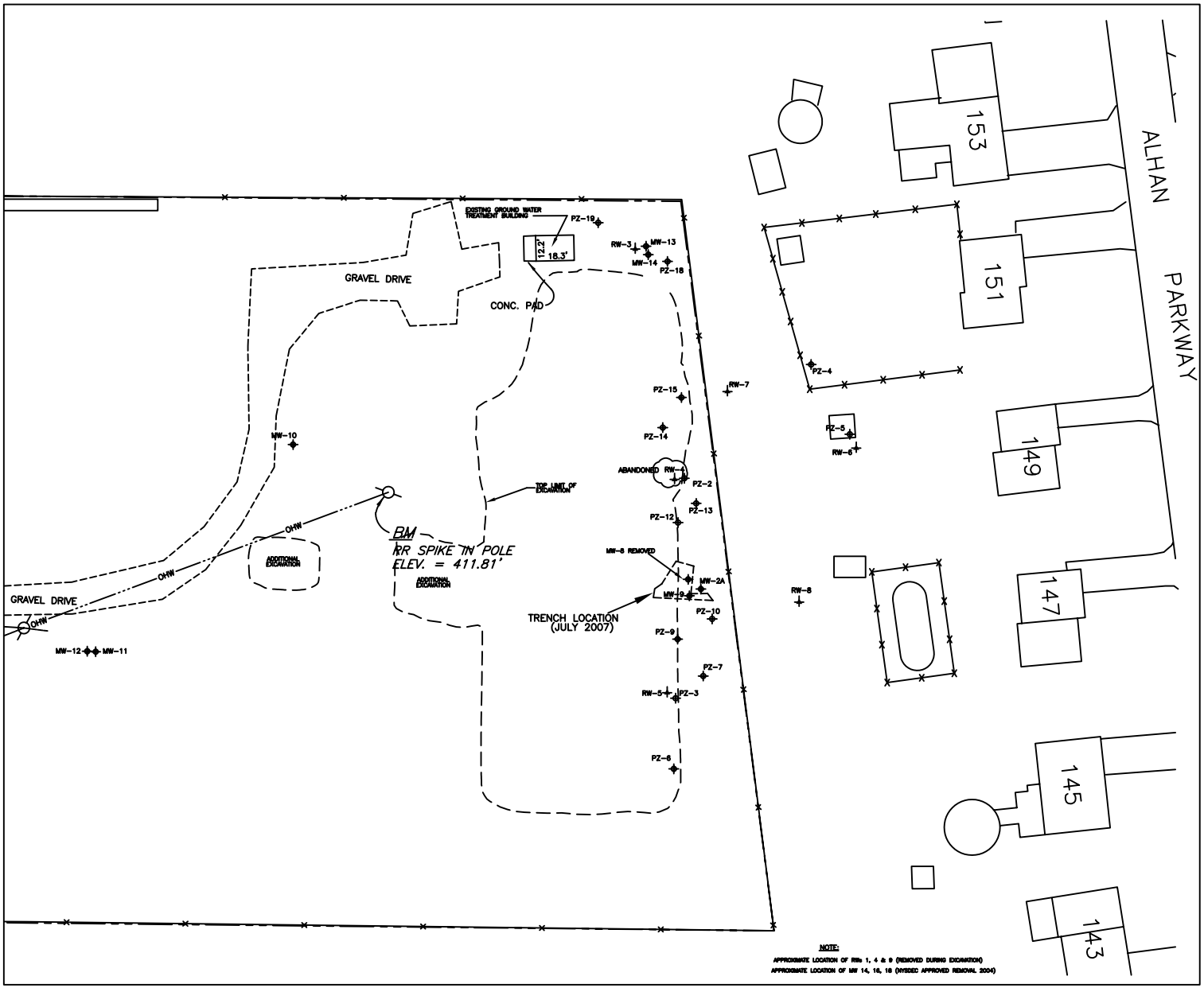
Well Field Data

Stauffer Management Company
Maestri Site

1st Round Monthly Groundwater Sampling - November

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	11/11/08	8	23	16	7.0	55	7.02	11.4	0.86	0.43
MW-9	11/11/08	2	18	15.8	2.3	2.5	6.9	11.3	1.35	0.67
RW-3	11/11/08	6	25.33	18.2	8.1	45	9.03	11.5	2.23	1.11
RW-5	11/11/08	6	24.53	15.3	10.2	50	7.52	13.2	0.83	0.41
RW-6	11/11/08	6	21.86	6.2	15.7	75	8.03	11.8	1.32	0.66
RW-7	11/11/08	6	27.5	17.1	11.4	51	9.38	11	2.81	1.4
RW-8	11/11/08	6	24.5	15	10.5	50	7.63	12.7	0.83	0.41
PZ-4	11/11/08	2	19.5	7.9	11.6	6	7.56	10.5	1.38	0.69

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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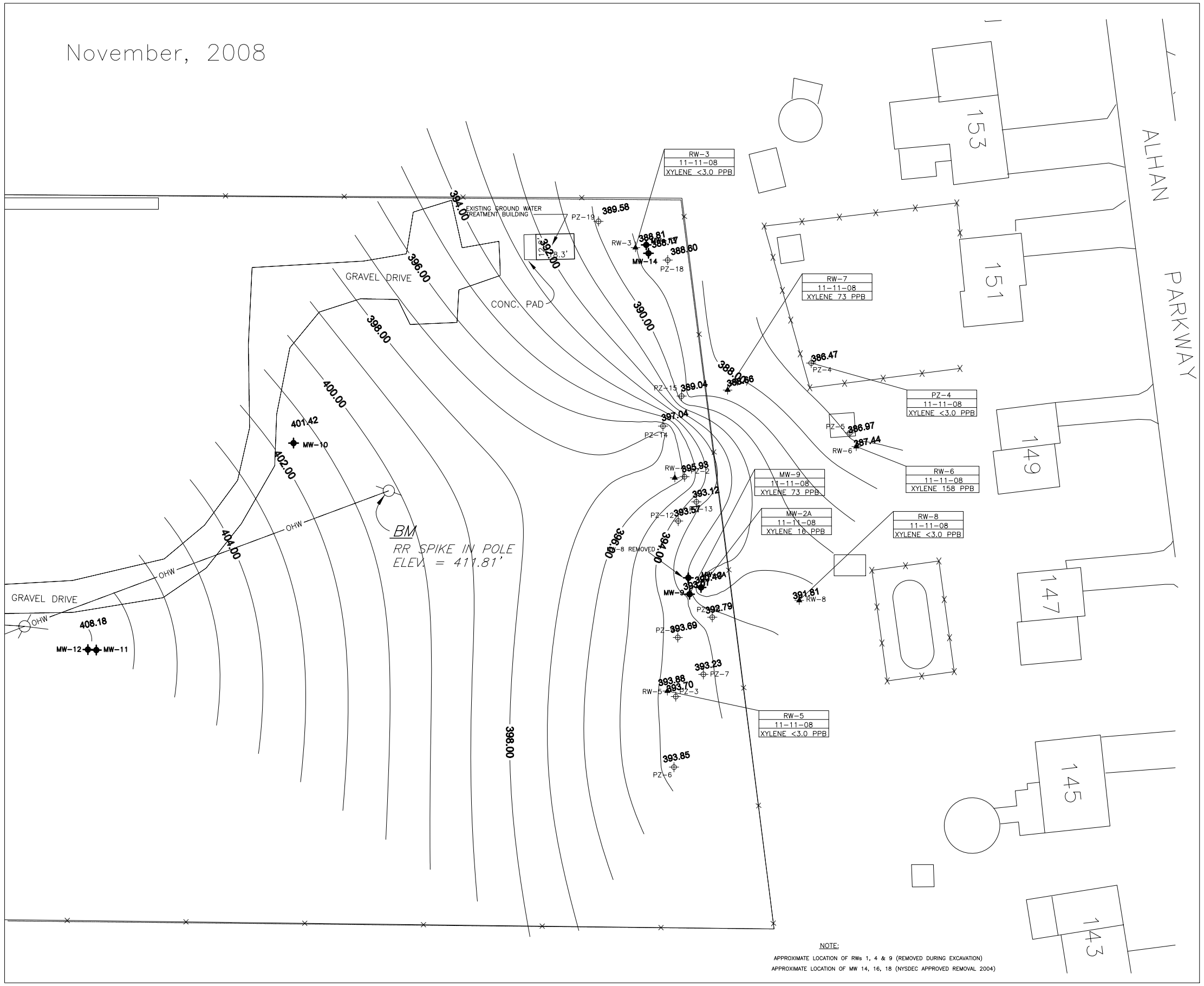
November, 2008



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 2a
GROUNDWATER CONTOURS
NOVEMBER 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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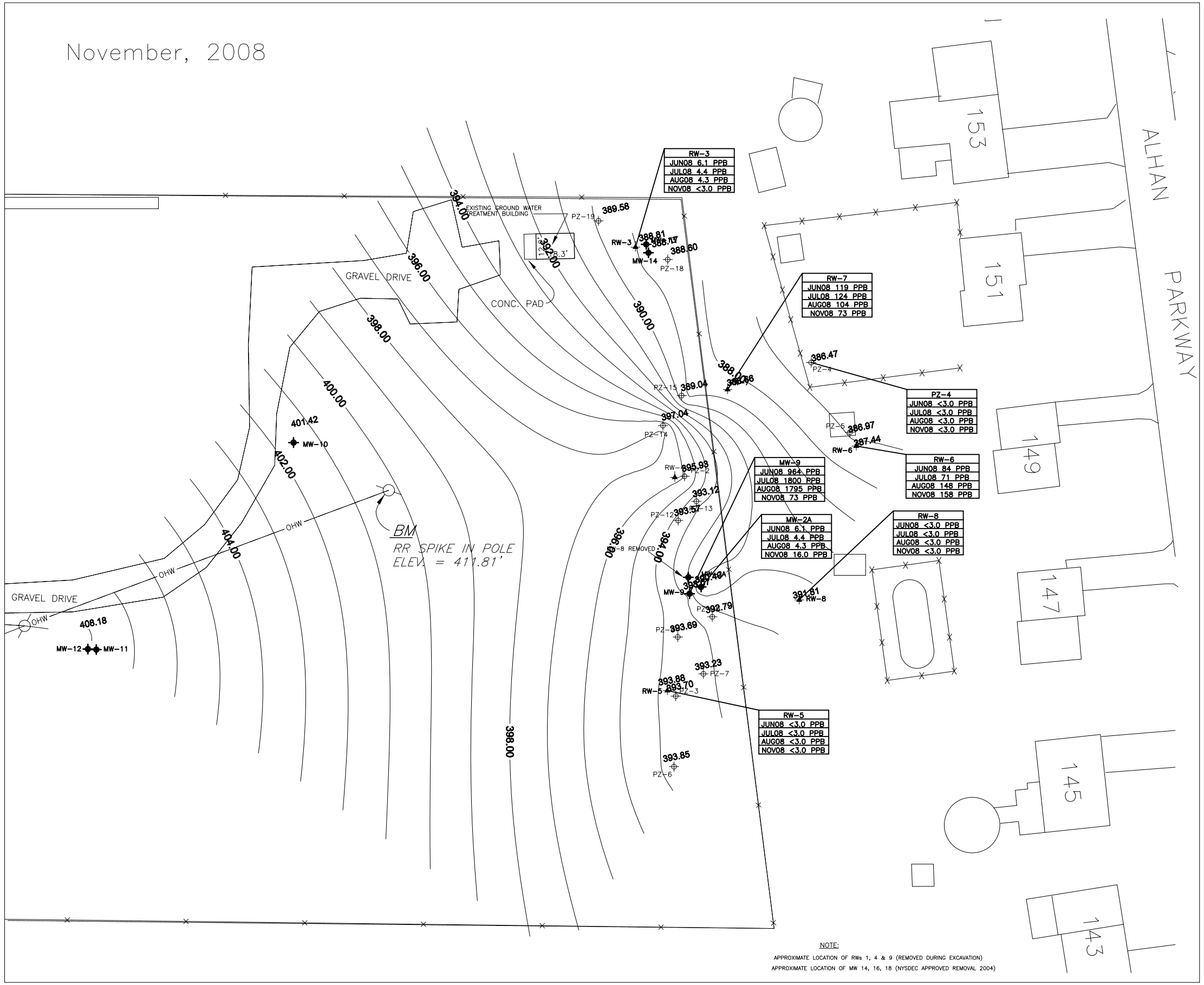
			7-19-99			

November, 2008



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

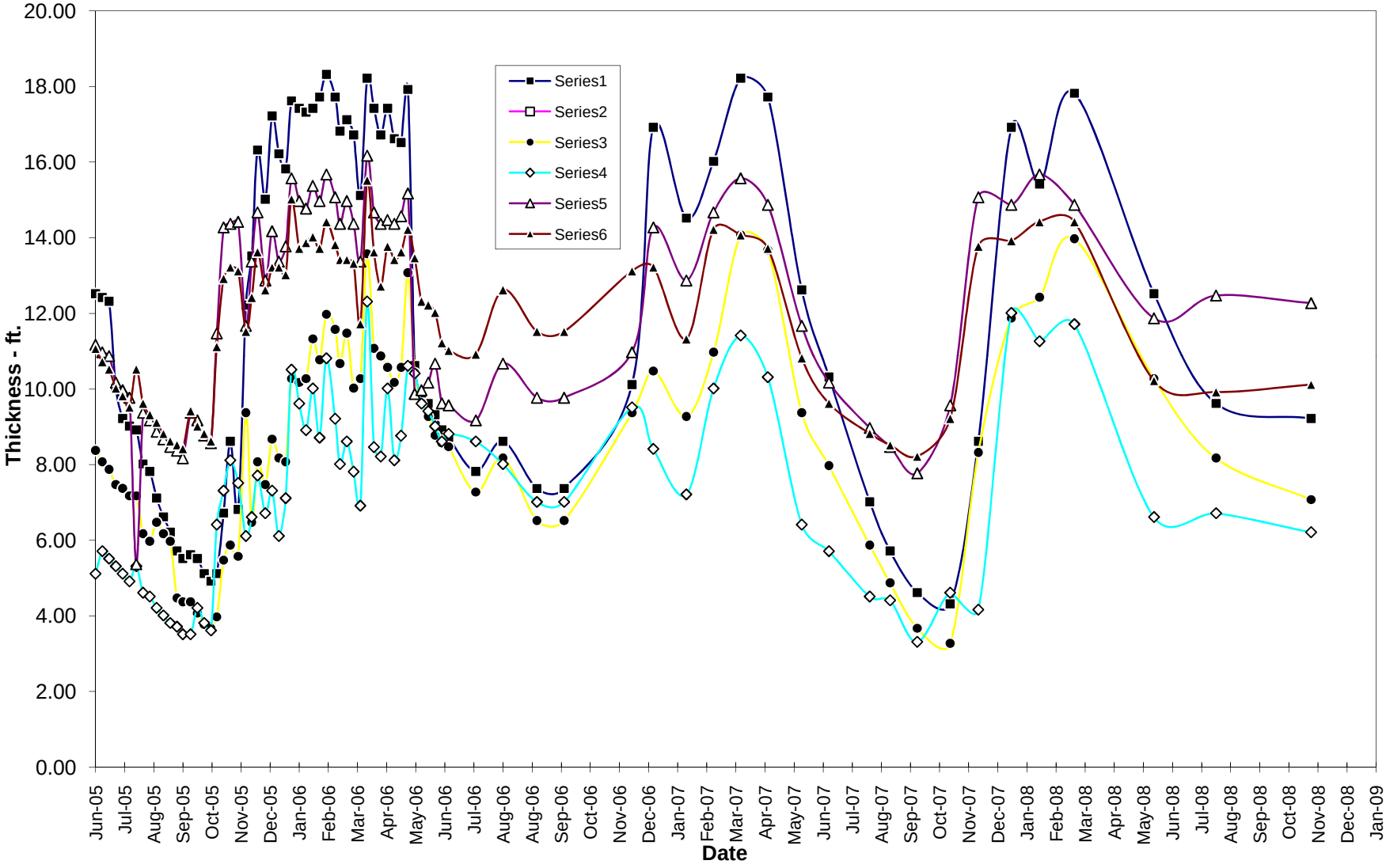


Figure 4
MW-2A (RW-2)

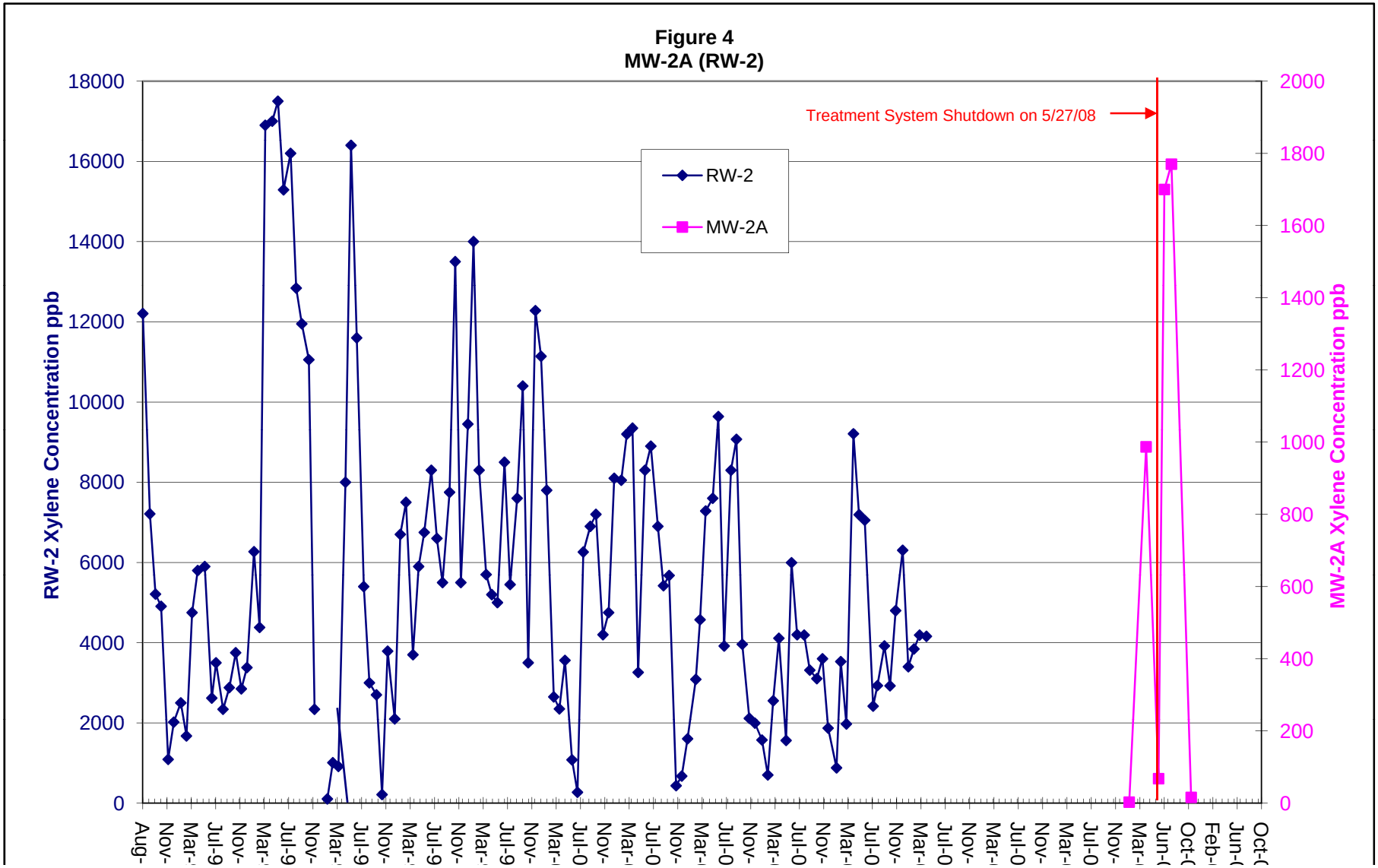
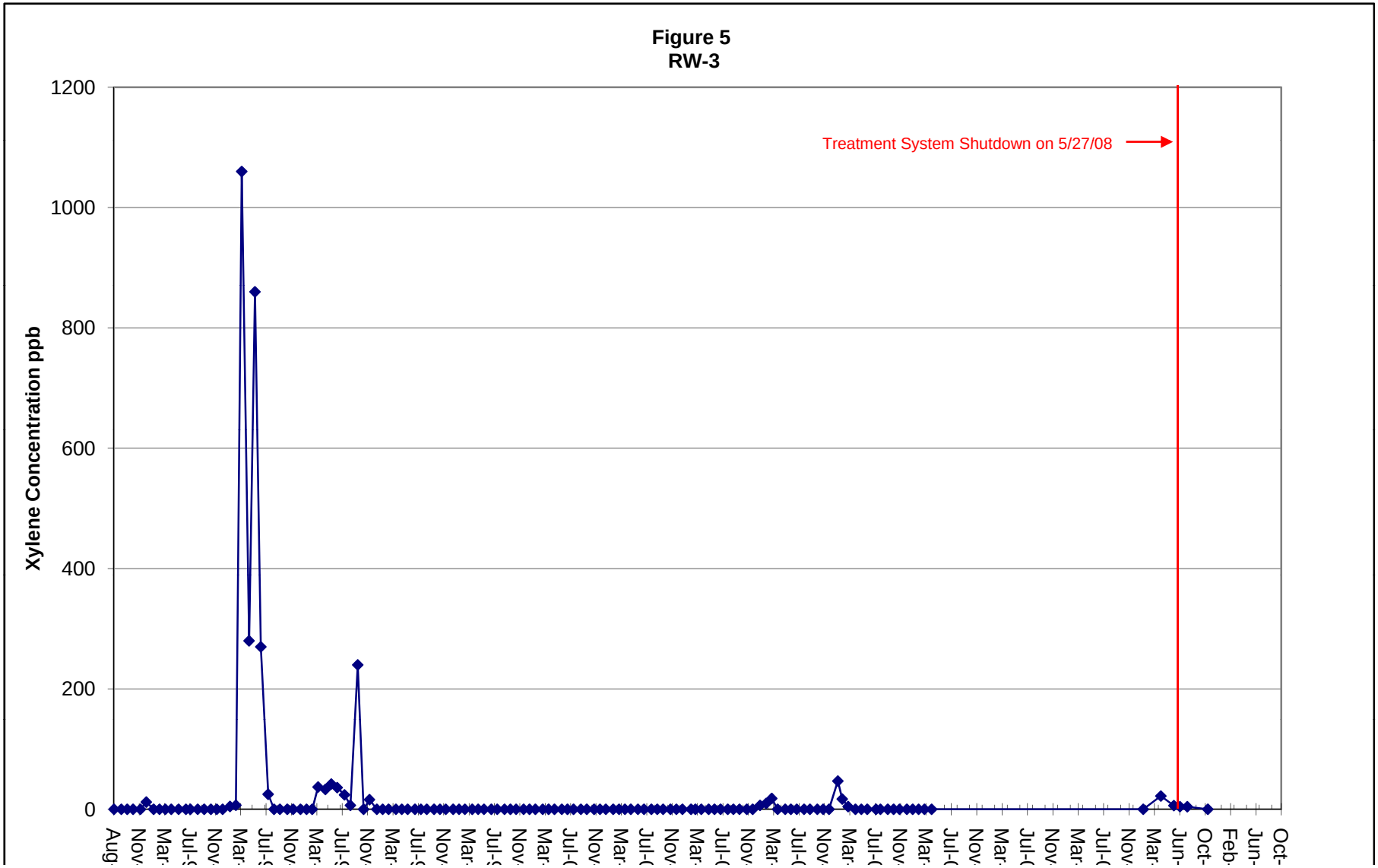


Figure 5
RW-3


Xylene Concentration ppb
1200
1000
800
600
400
200
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Treatment System Shutdown on 5/27/08
Aug
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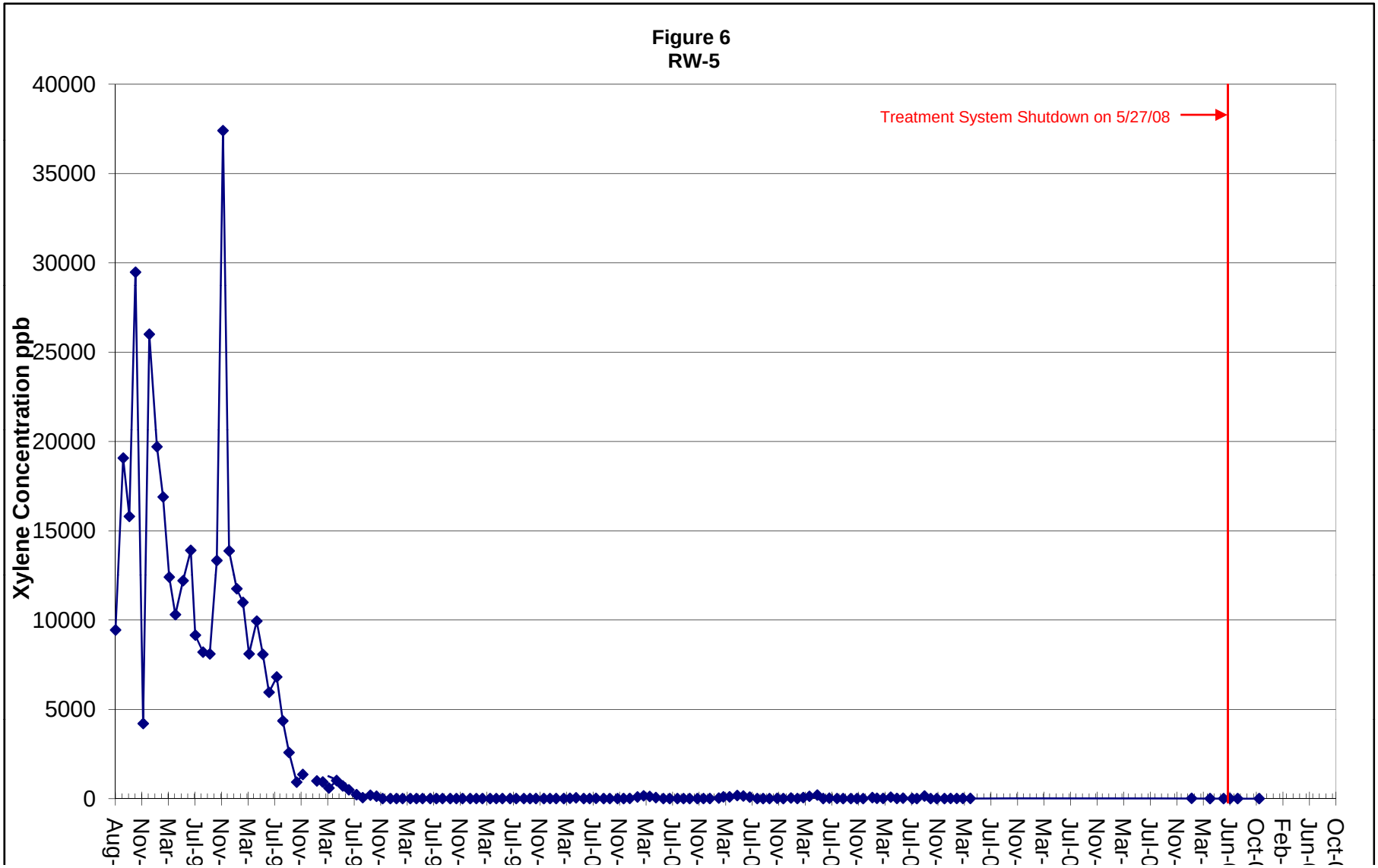
Figure 6
RW-5


Xylene Concentration ppb
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30000
25000
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Treatment System Shutdown on 5/27/08
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Jul-9
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Figure 7
RW-6

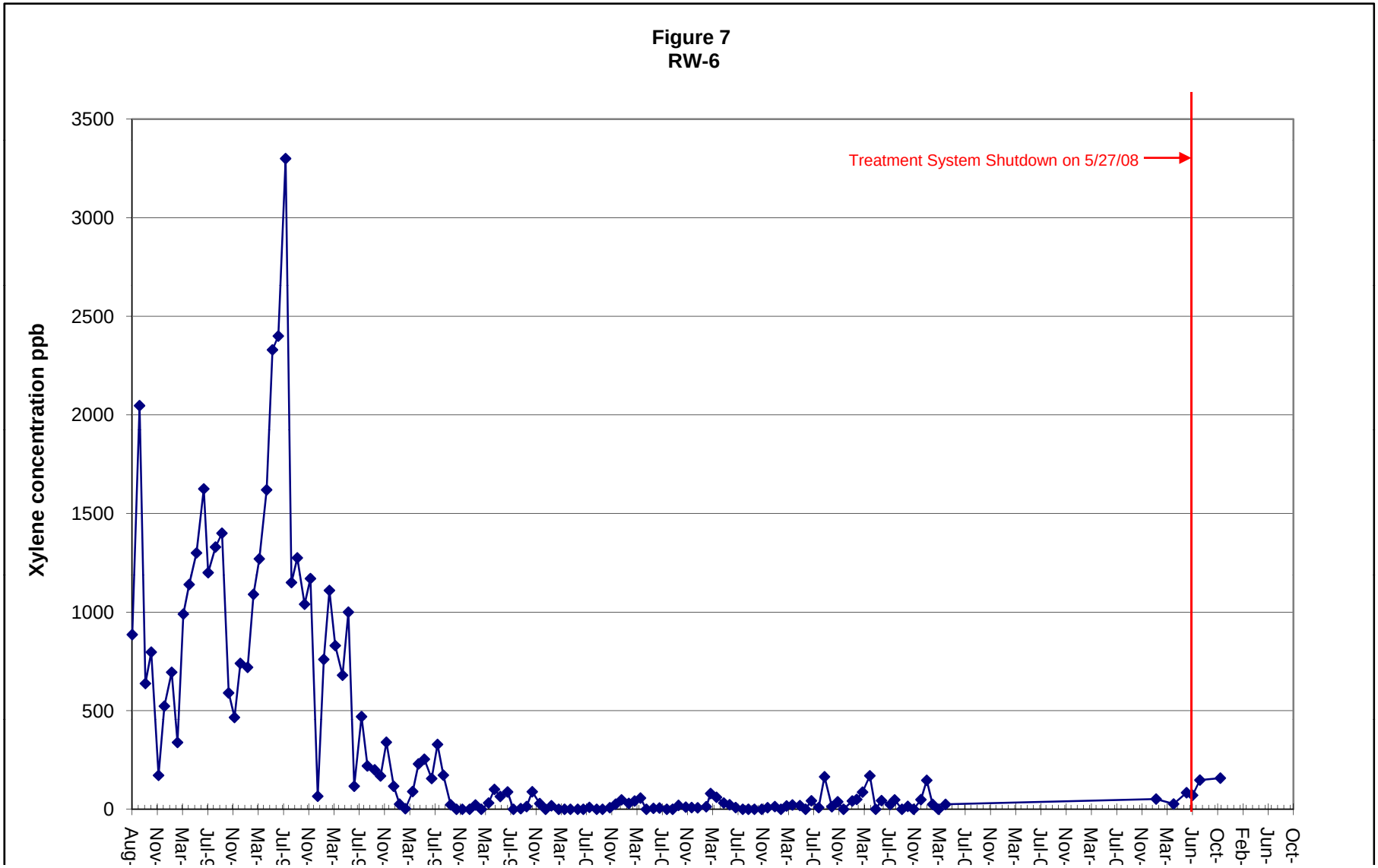
Xylene concentration ppb
3500
3000
2500
2000
1500
1000
500
0
Treatment System Shutdown on 5/27/08
Aug-
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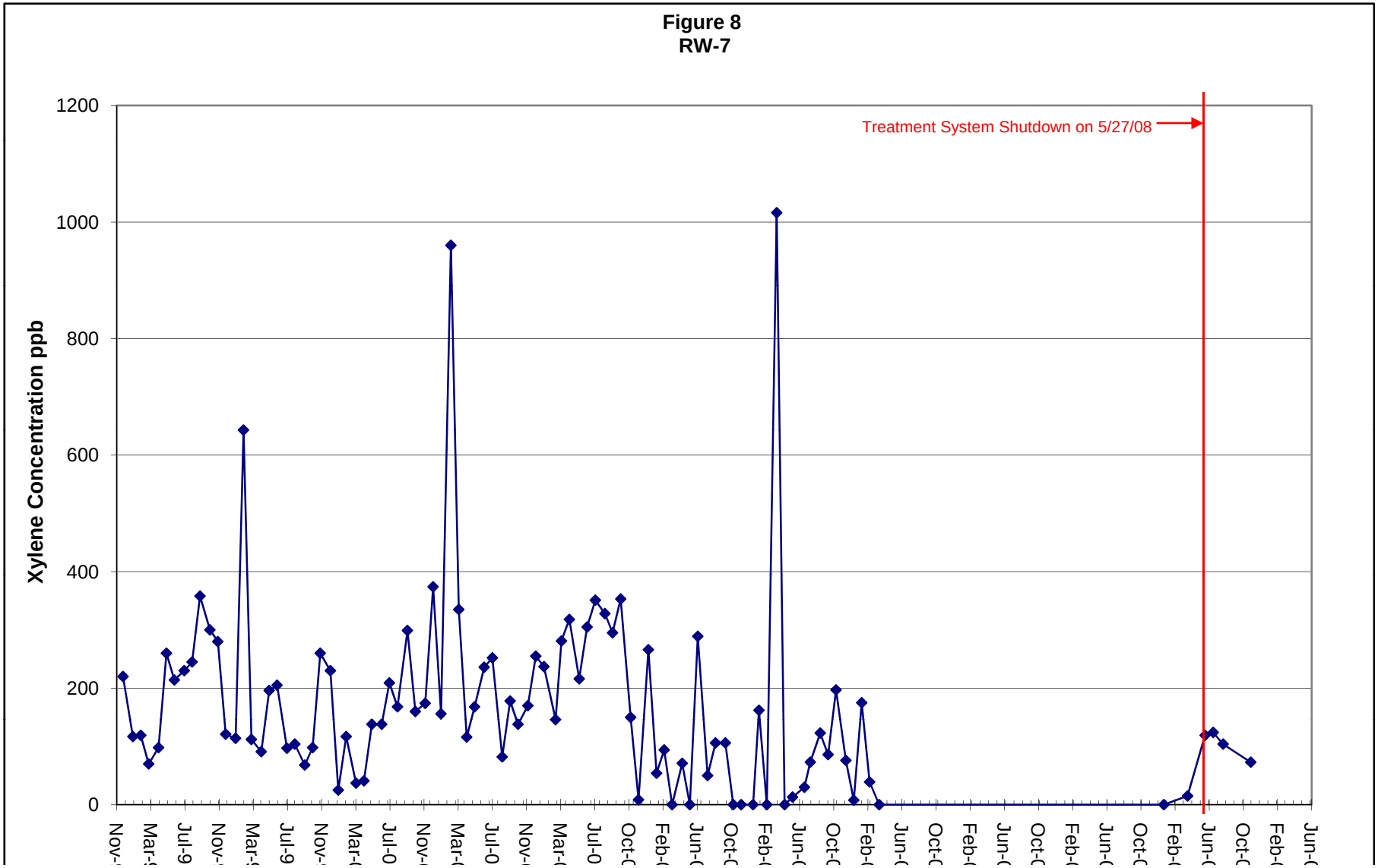
Figure 8
RW-7


Xylene Concentration ppb
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Treatment System Shutdown on 5/27/08
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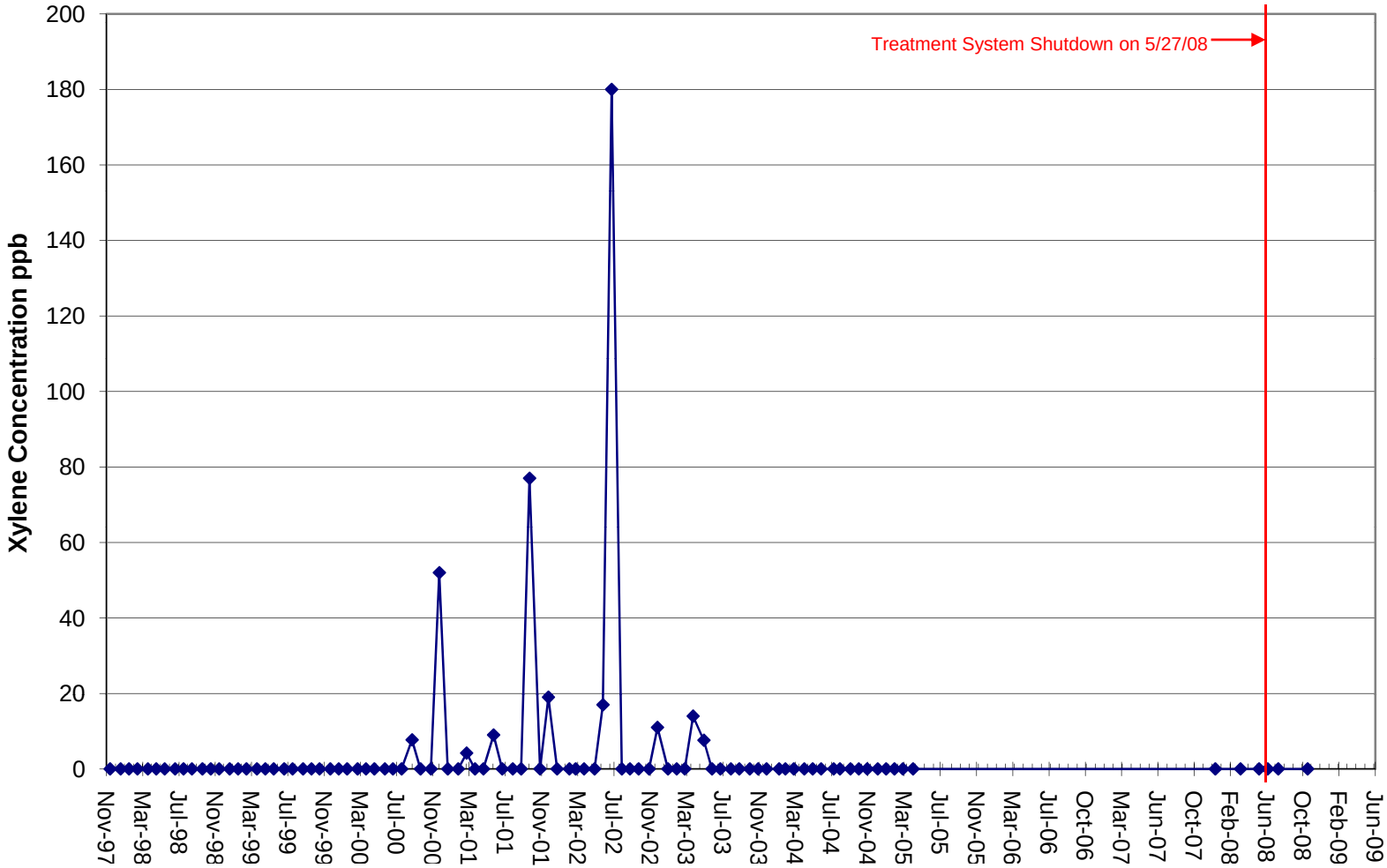
Figure 9
RW-8


Xylene Concentration ppb
200
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160
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Treatment System Shutdown on 5/27/08
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Feb-09
Jun-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)	11/11/08

Weather	Temperature
Overcast, Rainy	High 44 Low 37

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):	17.1	G. Volume Factors:	2-inch well = 0.163 gal/ft
D. Water Column Height (ft):	11.4	*= (A + B) - C*	4-inch well = 0.653 gal/ft
E. Total Well Volume (gal):	17.1	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes) (gal):	51.3	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	11/11/08	Pump/Method:	2” Submersible Grundfos and hand bail
Purge Start Time:	Various	Approx Flow Rate:	2 gpm
Purge Stop Time:	Various	Approx Volume Removed:	51 gal
Did well dry out?	YES		

Sampling		Date;Time:	11/11/08; 1130	11/11/08; 1430	11/11/08; 1500
Sample ID:	RW-7	pH	7.08	9.53	9.38
Sample Method:	Hand bail	Temp (C)	11.8	10.0	11.0
Sample Date:	11/11/08	Conductivity (mS/cm)	1.09	3.44	2.81
Sample Time:	1500	TDS (ppt)	0.54	1.72	1.40

Appearance

Rust colored / brown at first, then brown/cloudy to light brown, somewhat clear. Sample appearance was light brown and somewhat clear.

Comments

Converter set at 216 Hz
Measured volume removed by 5 gal 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	RW-5
Date(s)	11/11/08

Weather	Temperature
Overcast / Rainy	High 44 Low 37

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):	15.3	G. Volume Factors:	2-inch well = 0.163 gal/ft
D. Water Column Height (ft):	10.23	*= (A + B) - C*	4-inch well = 0.653 gal/ft
E. Total Well Volume (gal):	15.4	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes) (gal):	46.1	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	11/11/08	Pump/Method:	Existing Well Pump
Purge Start Time:	Varied	Avg Approx Flow Rate:	0.5 to 1 gpm
Purge Stop Time:	Varied	Total Volume Removed (approx):	50 gal
Did well dry out?	Yes		

Sampling		Date;Time:	11/11/08; 1115	11/11/08; 1410	11/11/08; 1430
Sample ID:	RW-5	pH	7.00	7.51	7.52
Sample Method:	Hand bail	Temp (C)	11.8	12.3	13.2
Sample Date:	11/11/08	Conductivity (mS/cm)	0.82	0.81	0.83
Sample Time:	1430	TDS (ppt)	0.41	0.40	0.41

Appearance

Clear. Sample: clear/clear with rust-colored flakes.

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)	11/11 & 11/12/08

Weather	Temperature
Partly Cloudy	High 44 Low 37

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):	18.2	G. Volume Factors:	2-inch well = 0.163 gal/ft
D. Water Column Height (ft):	8.13	*= (A + B) - C*	4-inch well = 0.653 gal/ft
E. Total Well Volume (gal):	12.14	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes) (gal):	36.6	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	11/11 and 11/12	Pump/Method:	2” Submersible Grundfos
Purge Start Time:	Varies	Avg Approx Flow Rate:	2 gpm
Purge Stop Time:	Varies	Total Volume Removed (approx):	45 gal
Did well dry out?	Yes		

Sampling		Date;Time:	11/11/08; 1439	11/12/08; 0825	11/12/08; 0902
Sample ID:	RW-3	pH	7.52	8.58	9.03
Sample Method:	Hand bail	Temp (C)	12.0	12.7	11.5
Sample Date:	11/12/08	Conductivity (mS/cm)	0.93	1.85	2.23
Sample Time:	0902	TDS (ppt)	0.46	0.92	1.11

Appearance

Brown/cloudy at first. Sample brown/gray and cloudy.

Comments

Converter set at 260 Hz
Measured by 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-2A
Date(s) 11/11/08

Weather	Temperature
Overcast / Rainy	High 44 Low 37

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):	16.0	G. Volume Factors:	2-inch well = 0.163 gal/ft
D. Water Column Height (ft):	6.97	*= (A + B) - C*	4-inch well = 0.653 gal/ft
E. Total Well Volume (gal):	18.2	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes) (gal):	54.6	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	11/11/08	Pump/Method:	2" Submersible Grundfos
Purge Start Time:	1015	Avg Approx Flow Rate:	1.5 to 2 gpm
Purge Stop Time:	1040	Total Volume Removed (approx):	55 gallons
Did well dry out?	No		

Sampling		Date;Time:	11/11/08; 1018	11/11/08; 1040	11/11/08; 1100
Sample ID:	MW-2A	pH	8.13	7.04	7.02
Sample Method:	Hand bail	Temp (C)	11.7	12.2	11.4
Sample Date:	11/11/08	Conductivity (mS/cm)	6.4	1.03	0.86
Sample Time:	1100	TDS (ppt)	3.2	0.51	0.43

Appearance

Clear/clear

Comments

Converter set at 225.16 Hz
Volume purged measured by 5 gallons 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 RW-8

Date(s) 11/11 and 11/12/08

Weather	Temperature
Overcast / Rainy	High 44 Low 37

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):	15.0	G. Volume Factors:	2-inch well = 0.163 gal/ft
D. Water Column Height (ft):	10.5	*= (A + B) - C*	4-inch well = 0.653 gal/ft
E. Total Well Volume (gal):	15.41	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes) (gal):	46.24	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	11/11/08	Pump/Method:	Existing Pump in Well
Purge Start Time:	Varied	Avg Approx Flow Rate:	1 to 4 gpm
Purge Stop Time:	Varied	Total Volume Removed (approx):	50 gallons
Did well dry out?	Yes		

Sampling		Date;Time:	11/11/08; 1127	11/11/08; 1443	11/12/08; 0820
Sample ID:	RW-8	pH	7.18	7.44	7.63
Sample Method:	Hand bail	Temp (C)	11.5	11.5	12.7
Sample Date:	11/12/08	Conductivity (mS/cm)	0.77	0.75	0.83
Sample Time:	0820	TDS (ppt)	0.38	0.37	0.41

Appearance

Rusty at first. Still rusty after 25 gallons but clearer

Comments

Purged using existing pump in well and measured 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	RW-6
Date(s)	11/11/08

Weather	Temperature
Overcast / Rainy	High 44 Low 37

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):	6.2	G. Volume Factors:	2-inch well = 0.163 gal/ft
D. Water Column Height (ft):	15.7	*= (A + B) - C*	4-inch well = 0.653 gal/ft
E. Total Well Volume (gal):	23.5	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes) (gal):	70.5	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	11/11/08	Pump/Method:	Existing Well Pump
Purge Start Time:	1025	Avg Approx Flow Rate:	5-8 gpm
Purge Stop Time:	1240	Total Volume Removed (approx):	75 gallons
Did well dry out?	Yes		

Sampling		Date;Time:	11/11/08; 1026	11/11/08; 1140	11/11/08; 1240
Sample ID:	RW-6	pH	7.36	7.83	8.03
Sample Method:	Hand bail	Temp (C)	11.8	11.5	11.8
Sample Date:	11/11/08	Conductivity (mS/cm)	1.03	1.19	1.32
Sample Time:	1315	TDS (ppt)	0.51	0.59	0.66

Date;Time:	11/11/08; 1315	
pH	7.95	
Temp (C)	9.9	
Conductivity (mS/cm)	1.29	
TDS (ppt)	0.64	

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) 11/11/08

Weather	Temperature
Overcast / Rainy	High 44 Low 37

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):	15.8	G. Volume Factors:	2-inch well = 0.163 gal/ft
D. Water Column Height (ft):	2.3	= *(A + B) - C*	4-inch well = 0.653 gal/ft
E. Total Well Volume (gal):	6.37	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes) (gal):	1.11	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	11/11/08	Pump/Method:	Hand bailed
Purge Start Time:	1100	Avg Approx Flow Rate:	N/A
Purge Stop Time:	1100	Total Volume Removed (approx):	2.5 gallons
Did well dry out?	Yes		

Sampling		Date;Time:	11/11/08; 1100		
Sample ID:	MW-9	pH	6.90		
Sample Method:	Hand bail	Temp (C)	11.3		
Sample Date:	11/11/08	Conductivity (mS/cm)	1.35		
Sample Time:	1100	TDS (ppt)	0.67		

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)	11/11/08

Weather	Temperature
Overcast / Rainy	High 44 Low 37

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):	7.9	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):	1.86	*=D*G*	6-inch well = 1.468 gal/ft
F. Purge (3 volumes) (gal):	5.58	*=E*3*	8-inch well = 2.609 gal/ft

Purge

Purge Date:	11/11/08	Pump/Method:	Hand bailed
Purge Start Time:	1315	Avg Approx Flow Rate:	N/A
Purge Stop Time:	1315	Total Volume Removed (approx):	6 gal
Did well dry out?	No		

Sampling		Date;Time:	11/11/08; 1315
Sample ID:	PZ-4	pH	7.56
Sample Method:	Hand bail	Temp (C)	10.5
Sample Date:	11/11/08	Conductivity (mS/cm)	1.38
Sample Time:	1315	TDS (ppt)	0.69

Appearance

Sample: Light brown/cloudy

Comments

Measured by 5 gallon buckets.
Duplicate sample taken

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
DATE: 11/30/2008

LAB No.	SAMPLE DATE	SAMPLE TIME	SAMPLER	DELIVERY TO LAB DATE	TIME	MATRIX
546842	11/11/08	1100	Nicole Walsh/Laura Mona	11/13/08	1042	WW
546843	11/11/08	1500	Nicole Walsh/Laura Mona	11/13/08	1042	WW
546844	11/11/08	1430	Nicole Walsh/Laura Mona	11/13/08	1042	WW
546845	11/11/08	1100	Nicole Walsh/Laura Mona	11/13/08	1042	WW
546846	11/11/08	1240	Nicole Walsh/Laura Mona	11/13/08	1042	WW
546847	11/11/08	1315	Nicole Walsh/Laura Mona	11/13/08	1042	WW
546848	11/12/08	0902	Nicole Walsh/Laura Mona	11/13/08	1042	WW
546849	11/12/08	0820	Nicole Walsh/Laura Mona	11/13/08	1042	WW

CLIENT STATION ID	LAB NUMBER	Sample Receipt Temperature Degrees C	TOTAL XYLENES ug/L
MW-9	546842	5.2	73
RW-7	546843	5.2	73
RW-5	546844	5.2	< 3.0
MW-2A	546845	5.2	16
RW-6	546846	5.2	158
PZ-4	546847	5.2	< 3.0
RW-3	546848	5.2	< 3.0
RW-8	546849	5.2	< 3.0

Note: Samples analyzed by Method EPA 602.
*NA - Not Available due to laboratory accident.

NYSDOH LAB ID NO. 11246 APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

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
DATE: 11/30/2008

LAB No.	SAMPLE DATE	SAMPLE TIME	SAMPLER	DELIVERY TO LAB DATE	TIME	MATRIX
546850	11/11/08	0930	Nicole Walsh/Laura Mona	11/13/08	1042	WW
546851	11/11/08		Nicole Walsh/Laura Mona	11/13/08	1042	WW

CLIENT STATION ID	LAB NUMBER	Sample Receipt Temperature Degrees C	TOTAL XYLENES ug/L
Trip	546850	5.2	< 3.0
DUP	546851	5.2	*NA

Note: Samples analyzed by Method EPA 602.
*NA - Not Available due to laboratory accident.

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

Barbara L. DuChene
Laboratory Manager

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: A5634

Page 1 of 1

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

CLIENT NAME: STAUFFER MANAGEMENT
ADDRESS: 4512 JORDAN RD
SKANEATELES FALLS, NY 13153
PHONE: 315-685-4495
FAX: 315-685-0209
CONTACT NAME: Laura Mona

PROJECT NUMBER/NAME: MAESTRI

PURCHASE ORDER NO:

Sampler's Name: NICOLE WALSH / LAURA MONA Signature: [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
546852	11/11/08	1100		X	X			MW-9	2	X
546847	11/11/08	1500		X	X			RW-7	2	X
546849	11/11/08	1430		X	X			RW-5	2	X
546845	11/11/08	1100		X	X			MW-2A	2	X
546851	11/11/08	1240		X	X			RW-6	2	X
546848	11/11/08	1315		X	X			P7-4	2	X
546846	11/12/08	0902		X	X			RW-3	2	X
546850	11/12/08	0820		X	X			RW-8	2	X
546853	11/11/08	0930		X	X			TRIP	2	X
546854	—	—		X	X			DUP	2	X
									20	TOTAL NUMBER OF CONTAINERS

SPECIAL REMARKS:

SAMPLES RELINQUISHED BY:		SAMPLES RECEIVED BY:		
NAME: Laura Mona	DATE: 11/13/08	NAME: Michael Pepper	DATE: 11/13/08	Samples Received in Good Condition: ☒ Yes ☐ No
SIGNATURE: [signature]	TIME: 0830	SIGNATURE: [signature]	TIME: 8:30	Temperature 5.2 °C
NAME: Michael Pepper	DATE:	NAME: Ryan Sheehan	DATE: 11-13-08	
SIGNATURE: [signature]	TIME:	SIGNATURE: [signature]	TIME: 1042	

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: 10/11/12/08
Time: 0900

Weather	Temperature
Cloudy	High ____ Low

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

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	
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	
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	See 2nd page
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']	10.1	RW-5 [24.5']	9.0
RW-2 (not online)	2.47	RW-8 [24.5']	9.3
RW-3 [25.3']	7.0	RW-6 [21.8']	5.2

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: Laura Ellis

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

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

Site Inspection Report

Continuation Page(s)

Date: 11/12/08
Time: 0910

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

General Site Observations:

Some ponded water noted in general area b/w RW3 + MW2A
Ground was wet in from rain the previous day.

Follow-up: *Indicate actions required, person(s) contacted, and dates for completion*

Signature of Inspector: L. Mona