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July 27, 2015

Mr. Thomas Biel New York State Department of Environmental Conservation (NYSDEC) Region 7 Office Division of Environmental Remediation 615 Erie Boulevard West Syracuse, NY 13204

Re: Stauffer Management Company, LLC- Maestri Site NYSDEC Site No. 7-34-025

900 State Fair Boulevard Town of Geddes, NY

Mr. Biel,

Enclosed is the May 2015 Semi-Annual Groundwater Monitoring Report for the Maestri Site, prepared by Envirospec Engineering, PLLC on behalf of Stauffer Management Company, LLC (SMC).

In the March 10, 2015 NYSDEC letter to SMC the Department expressed a concern for trends in xylene concentrations in the vicinity of off-site well RW-6 and a June 2014 xylene detection at off-site and down gradient monitoring well PZ-21 (3.5 ppb).

The current data show that xylene concentrations at PZ-21 have been non-detect for two sampling events (since June 2014) and xylene concentrations at RW-6 have continued to be below the historical high of 906 ppb recorded during June 2011. Xylene concentrations at RW-3, RW-5 and PZ-20 also continue to be consistently reported as non-detect while seasonal fluctuations in xylene concentrations are noted at RW-8, RW-7 and PZ-4. Based on the current xylene concentrations and analytical trends noted to date, SMC is proposing no additional remedial action at this time and that semi-annual monitoring be continued.

Should you have any questions, please do not hesitate to contact me at (518) 453-2203.

Sincerely,

Gíanna Aiezza

Gianna Aiezza, P.E. Principal Engineer

Enc.

Cc: R. Jones, NYSDOH

C. Elmendorf, SMC

STAUFFER MANAGEMENT COMPANY MAESTRI SITE

GEDDES, NEW YORK

SEMI-ANNUAL GROUNDWATER MONITORING REPORT

May 2015 Sampling

POST GROUNDWATER COLLECTION / TREATMENT SYSTEM SHUTDOWN

Prepared for:

Stauffer Management Co. 1800 Concord Pike Wilmington, DE 19850-5437

Prepared by:



349 Northern Blvd. Suite 3 Albany, NY 12204

Envirospec Engineering Project E15-1129

Date Prepared: July 2015

ATTACHMENT 2

ATTACHMENT 3

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LABORATORY ANALYTICAL DATA

SITE INSPECTION REPORT

A Woman Owned Business Enterprise (WBE)

1.0 INTRODUCTION

This report addresses the semiannual groundwater sampling event that was completed on May 10, 2015. The period of time covered by this report is from January 2015 to June 2015. This report is organized into the following sections:

Page 1

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- Site Background
- Recent Site Activities
- Groundwater Sampling
- Groundwater Quality
- Site Inspections
- Site Maintenance
- Report Summary

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

2.0 SITE BACKGROUND

The groundwater treatment system at the Stauffer Management Company (SMC) Maestri Site began operation in 1996. On behalf of SMC, on May 8, 2008, Envirospec Engineering, PLLC (Envirospec) submitted a request to the New York State Department of Environmental Conservation (NYSDEC) to shut down the treatment system. As stated in the request, levels of contaminants remaining in the site 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. NYSDEC approved this request in a letter dated May 14, 2008, and the groundwater treatment system was shut down on May 27, 2008.

SMC agreed to conduct weekly site inspections and monthly sampling of eight (8) perimeter monitoring wells for the first three months following shutdown, from June to August 2008. The elevations of site monitoring wells were also monitored on a monthly basis during this time. After the three month period, sampling and reporting was conducted quarterly from November 2008 to June 2009.



In June 2009, a new monitoring well (PZ-20) was installed downgradient of the site in the Alhan Parkway residential area (153 Alhan Parkway) to verify that the Maestri site groundwater contamination plume was not migrating towards this residential area. A second downgradient monitoring well (PZ-21) was installed in June 2012. The locations of PZ-20 and PZ-21 are shown on Figures 2 and 3.

Based on groundwater monitoring results, in November 2009, Envirospec requested NYSDEC approval to change the groundwater sampling frequency from quarterly to semiannual. On November 13, 2009, the NYSDEC granted the request.

As discussed in Envirospec's May 8, 2008 letter, the monitoring wells selected for sampling after shutdown present a true cross section of the property and continued sampling of these monitoring wells remains adequate for plume migration monitoring.

3.0 GROUNDWATER SAMPLING – MAY 2015

The 1st 2015 semi-annual groundwater sampling event was conducted on May 10, 2015. Prior to monitoring well purging, all site monitoring wells were gauged for static water level. A table of groundwater elevations from the May 10, 2015 sampling event is included as Table 1 below. A groundwater contour map depicting calculated site groundwater elevations is provided as Figure 2A.



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Table 1 Groundwater Elevations – May 10, 2015

Groundwater Elevations - May 10, 2013							
Well Number	Measuring Point Elevation	Depth to Water	Groundwater Elevation				
MW-9	408.87	11.54	397.33				
MW-10	413.82	7.25	406.57				
MW-12	418.28	8.02	410.26				
MW-14	405.17	16.05	389.12				
PZ-2	407.23	10.81	396.42				
PZ-3	409.60	11.16	398.44				
PZ-4	394.37	7.19	387.18				
PZ-5	393.37	10.66	382.71				
PZ-6	410.15	11.11	399.04				
PZ-7	409.13	11.4	397.73				
PZ-9	408.69	10.85	397.84				
PZ-10	407.04	10.91	396.13				
PZ-12	408.17	12.84	395.33				
PZ-13	407.12	15.43	391.69				
PZ-14	408.44	10.75	397.69				
PZ-15	406.74	17.03	389.71				
PZ-18	406.30	17.3	389				
PZ-19	406.88	16.9	389.98				
PZ-20	386.00	4.1	381.9				
PZ-21	386.70	2.3	384.4				
MW-2A (formerly RW-2)	406.40	12.23	394.17				
RW-3	407.01	17.85	389.16				
RW-5	409.18	10.66	398.52				
RW-6	393.64	5.35	388.29				
RW-7	405.76	16.67	389.09				
RW-8	406.81	12.1	394.71				

A minimum of three (3) monitoring well volumes were purged from each of the monitoring wells scheduled for sampling. Monitoring wells were purged with a two (2)-inch submersible Grundfos pump and poly tubing, a two (2)-inch disposable polyethylene bailer, or internal well pumps controlled from the treatment shed. Purged water was collected and containerized in a mobile poly tank. The containerized water will be transported offsite for disposal at a regulated disposal facility. Field data, including pH, temperature, conductivity, turbidity,



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oxidation/reduction potential, dissolved oxygen, and total dissolved solids (TDS), were recorded after each well volume removed. A summary of the field data and the total volume of groundwater purged are presented in Table 4. All samples were collected using disposable bailers following well purging activities. The monitoring well sampling field reports are included as Attachment 1.

A duplicate sample was collected from PZ-21 for laboratory and sampling quality assurance/quality control purposes. The result of the duplicate sample, as shown in Table 3, was consistent with the original sample. A trip blank was generated to ensure no cross contamination or outside contamination was present.

4.0 GROUNDWATER QUALITY

Samples were sent to Certified Environmental Services Laboratory (CES) in Syracuse, NY following typical chain of custody procedures for xylene analysis via EPA Method 624. The analytical results are included as Attachments 2. A summary of results from this sampling round is presented in Tables 2 below as well as in the attached Table 3.

Table 2 Summary of Xylene Concentration in Groundwater

	SSCG	MAY 2015
Well Number	(ppb)	Xylene Concentration (ppb)
RW-3		ND < 1.0
RW-5		ND < 1.0
RW-6		604
RW-7		16.6
RW-8		2.0
MW-2A	5	407
MW-9		ND < 1.0
PZ-4		5.3
PZ-20		ND < 1.0
PZ-21		ND < 1.0 (ND < 1.0)
TRIP		ND < 1.0

Note: Duplicate sample represented in (parentheses).

For the May 2015 sampling event, monitoring wells RW-6, RW-7, MW-2A and PZ-4 had xylene concentrations above the groundwater standard of 5 ppb. The xylene levels at RW-6 and RW-8 indicate a slight increase in total xylene since October 2014 sampling event. Decreases in xylene are noted at RW-7, MW-2A, MW-9 and PZ-4. All detections of xylene reported during the May 2015 event are consistent with historical concentrations documented during previous sampling



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events. RW-3, RW-5, MW-9, PZ-20 and PZ-21 were non-detect for xylene.

5.0 SITE INSPECTIONS

Since August 2008, site inspections were conducted during each groundwater sampling event. Items reviewed during the site inspections include site security, recovery and monitoring 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). A copy of the site inspection report completed during the May 2015 sampling event is included as Attachment 3.

6.0 SUMMARY

There have been no flooding events that compromised the effectiveness of the Engineering Controls (i.e. soil cover and vegetation) in place at the site since the groundwater treatment system shutdown.

Xylene results for offsite down gradient monitoring well PZ-21, located at 151 Alhan Parkway, indicated a xylene concentration of 3.5 ppb during June 2014. This concentration was low and below the groundwater standard of 5.0 ppb. PZ-21 has been non-detect for xylene during all groundwater sample events prior to the June 2014 and has also been non-detect for xylene during the last two sample events since June 2014.

Xylene concentrations at RW-6 continue to show fluctuations across sample semi-annual events. The highest xylene concentration reported at RW-6 was recorded at 906 ppb during June 2011. The current xylene concentration at RW-6 is 640 ppb.

Based on the May 2015 sampling results, site groundwater quality continues to show seasonal fluctuations in total xylene concentrations and concentrations remain consistent with historic total xylene concentrations across the site. Xylene concentrations at RW-6 as well as down gradient and off-site monitoring wells will continue to be monitored during future sample events to document any trends in xylene concentrations that could indicate off-site migration.

The next semi-annual sampling and site inspection will be completed during November 2015. The NYSDEC will be notified prior to the sampling event.



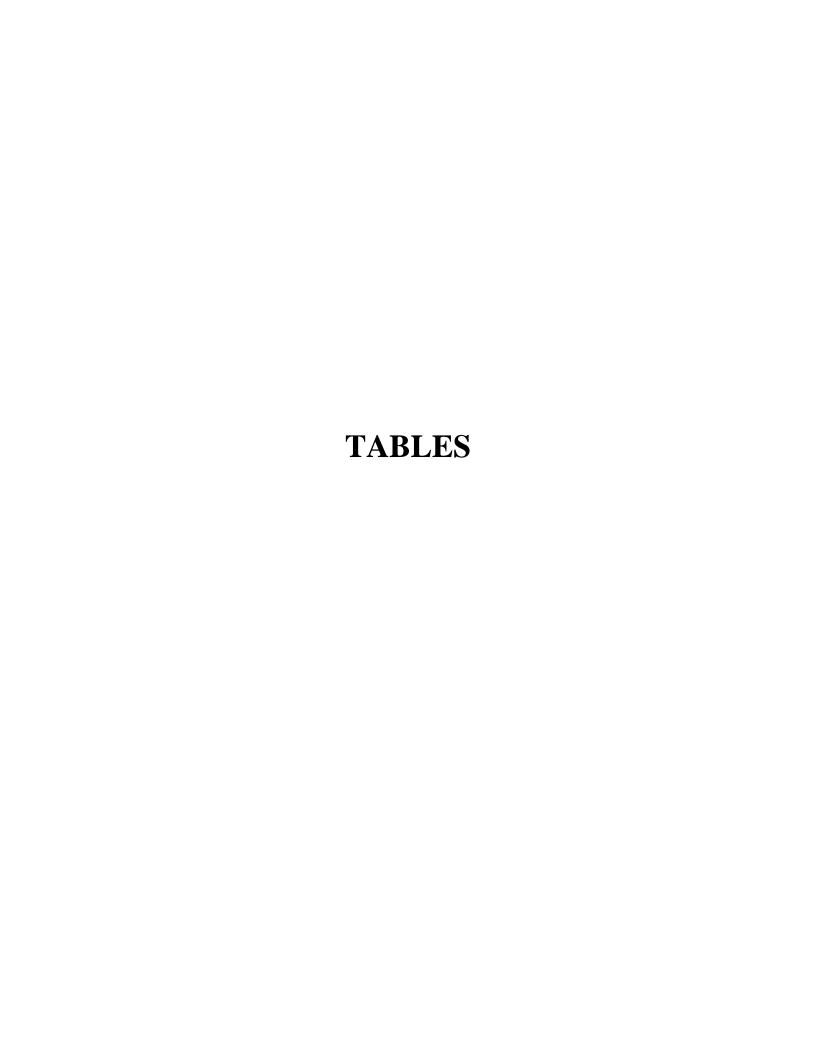


Table 3 **Summary of Total Xylene Concentrations (ppb)**

Field Data and Total Purge Volumes - October 2014 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	PZ-20	PZ-21
2-May-06	**	****	<3.0	**	<3.0	58	<30	<3.0	2400			*****	*****
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 Sys	tem Sh	utdown	on May 27th,	2008	•	•	•		•		='		
Jun-08	**	****	6.1	**	<3.0	84	119	<3.0	68 (54)	964	< 3.0	****	*****
Jul-08	**	****	4.4	**	<3.0 (< 3.0)	71	124	<3.0	1,700	1,800	< 3.0	****	*****
Aug-08	**	****	4.3	**	<3.0	148	104	<3.0	1,770 (1,200)	1,795	< 3.0	****	*****
Nov-08	**	****	<3.0	**	<3.0	158	73	<3.0	16	73	< 3.0	****	*****
Feb-09	**	****	<3.0	**	<3.0	590	<3.0 (< 3.0)	< 3.0	9.1	< 3.0	< 3.0	****	*****
Jun-09	**	****	<3.0	**	<3.0	641	23	< 3.0	4,635	7,830	< 3.0	<3.0	*****
Dec-09	**	****	< 3.0	**	<3.0	417	169	<3.0	5780	5,145	<3.0	<3.0	*****
May-10	**	****	<3.0	**	<3.0	862	15	<3.0	100 (122)	190	<3.0	<3.0	*****
Oct-10	**	****	< 3.0	**	<3.0	168 (157)	71	<3.0	32	<3.0	<3.0	<3.0	*****
Apr-11	**	****	< 3.0	**	<3.0	208	66	<3.0	685	3,598 (3,220)	10	<3.0	*****
Jun-11	**	****	NS	**	NS	906	7.7 (7.8)	NS	5352	9,337	<3.0	<3.0	*****
Nov-11	**	****	< 3.0	**	<3.0	749	<3.0	<3.0	1,560 (1980)	3.8	<3.0	<3.0	*****
Jun-12	**	****	< 3.0	**	< 3.0	622	41	< 3.0	230 (179)	5,370	< 3.0	< 3.0	< 3.0
Dec-12	**	****	< 3.0	**	13	511	145	7.2	2,903	NS (DRY)	< 3.0	< 3.0 (<3.0)	< 3.0
Jun-13	**	****	< 3.0	**	< 3.0	14	< 3.0	< 3.0	< 3.0	< 3.0 (<3.0)	4.1	< 3.0	< 3.0
Nov-13	**	****	< 3.0	**	< 3.0	418	91	< 3.0	2,722	7.0	4.9	< 3.0	< 3.0 (<3.0)
Jun-14	**	****	< 3.0	**	< 3.0 (<3.0)	770	8.0	< 3.0	2,800	4700	< 3.0	< 3.0	3.5
Oct-14	**	**	<1.0	**	<1.0	466 (470)	184.0	<1.0	825	145	7.1	<1.0	<1.0
May-15	**	**	< 1.0	**	<1.0	604	16.6	2.0	407	<1.0	5.3	<1.0	< 1.0 (< 1.0)

Shaded boxes indciate result when treatment system was in operation

INC - Inconclusive laboratory result

Value in parenthesis is duplicate sample result

^{** -} 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 ***** - PZ-20 was installed on June 24, 2009

^{*****-} PZ-21 was installed on June 7, 2012

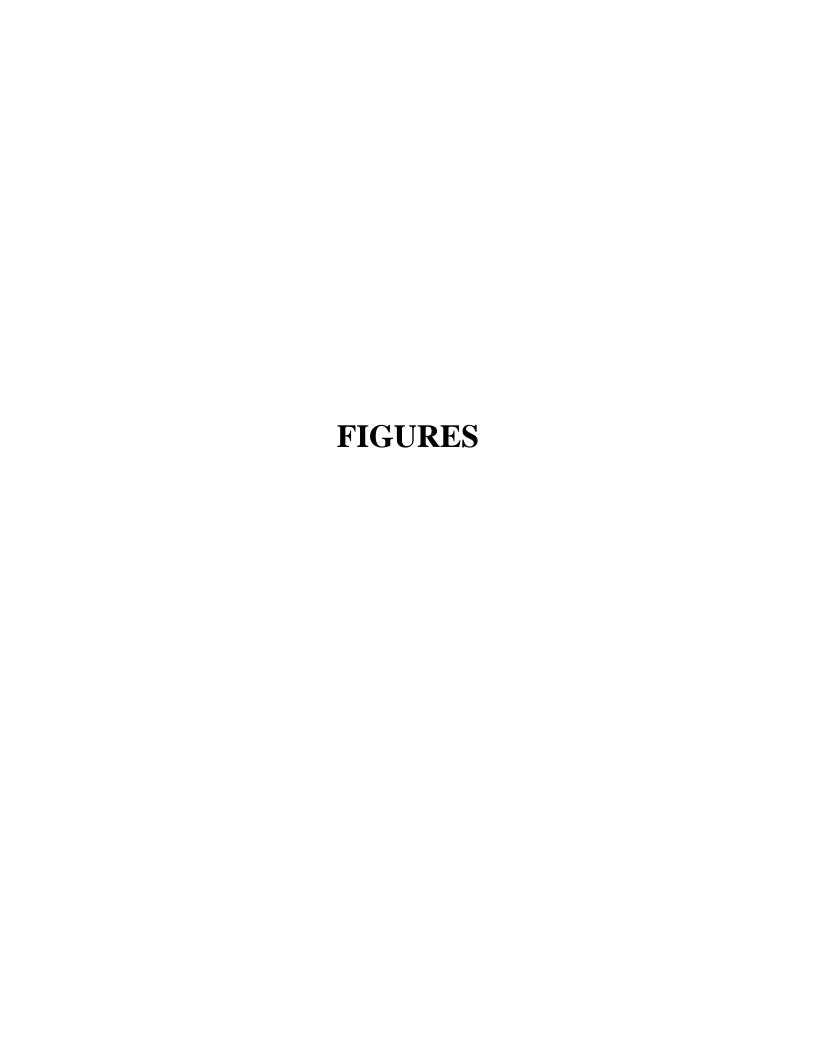
NS = Not Sampled.

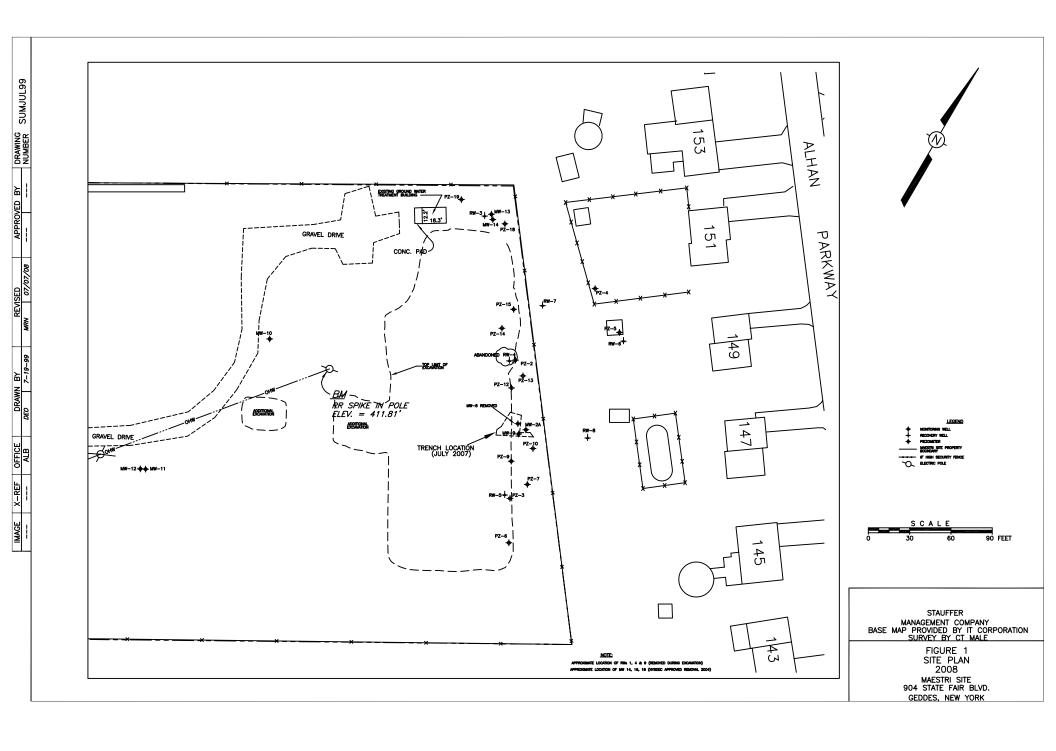
² RW-2 was changed to a monitoring well (MW-2A) in April 2006

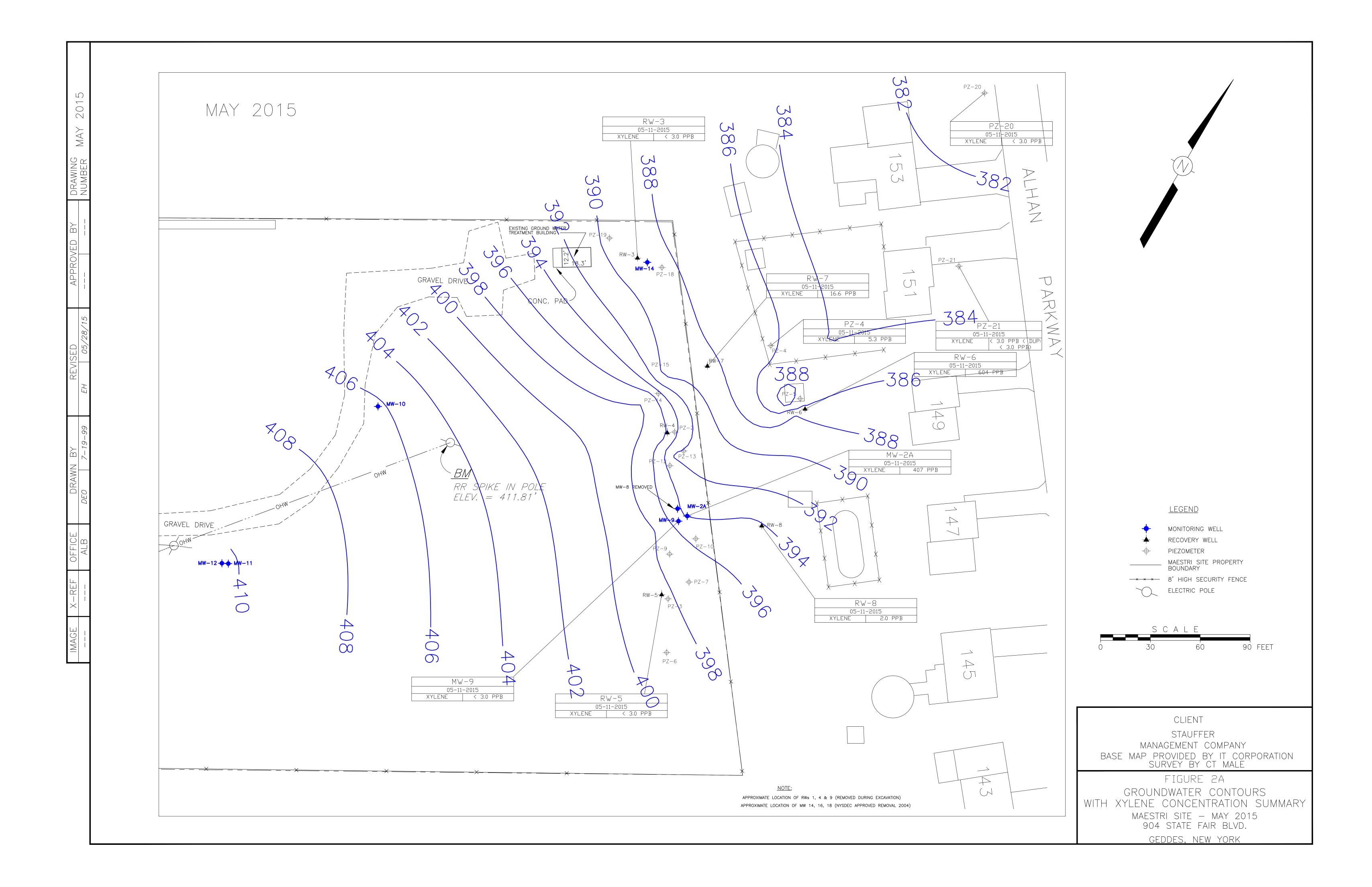
Table 4 Field Data and Total Purge Volumes - October 2014 Stauffer Management Company

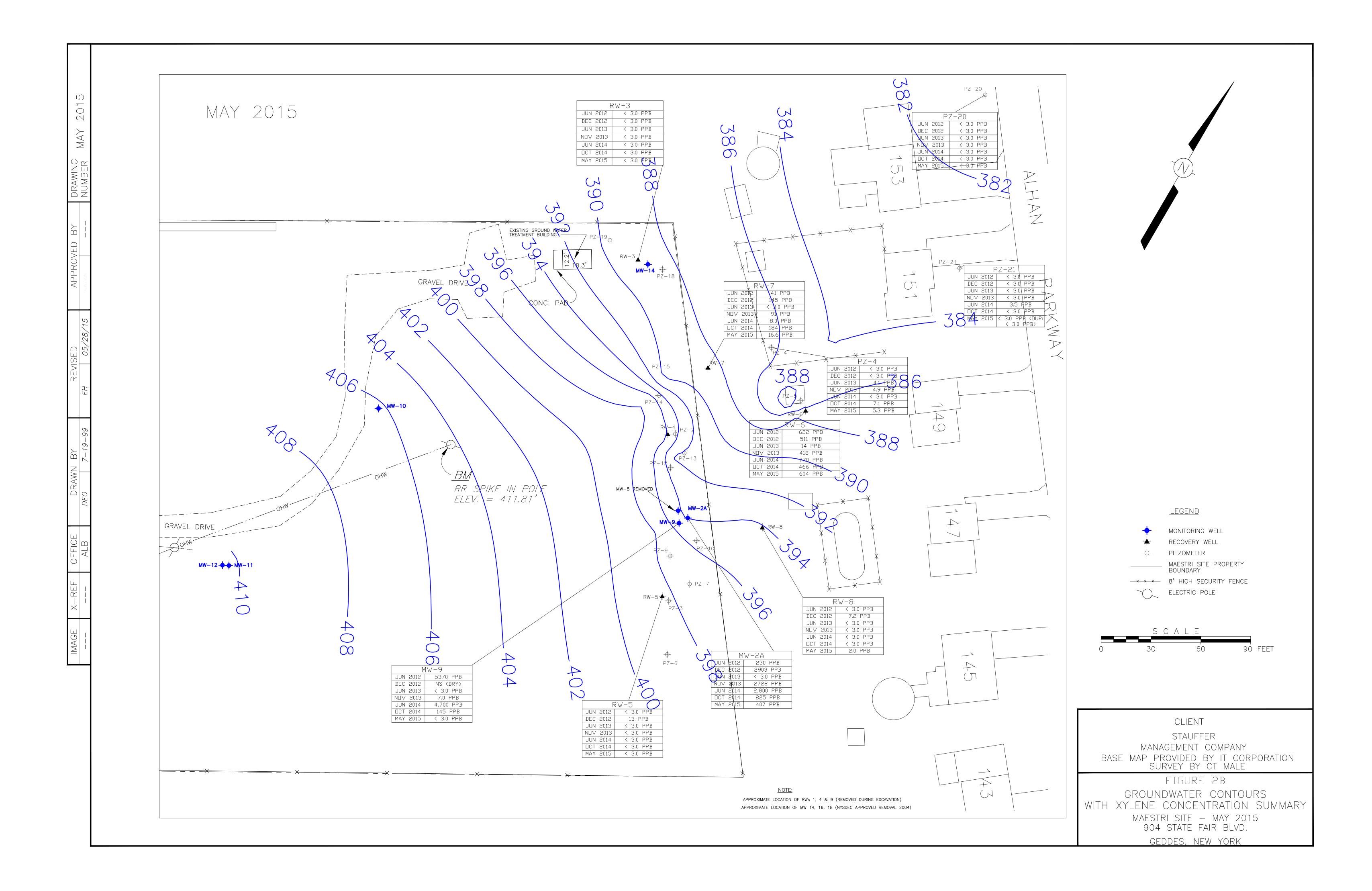
Maestri Site

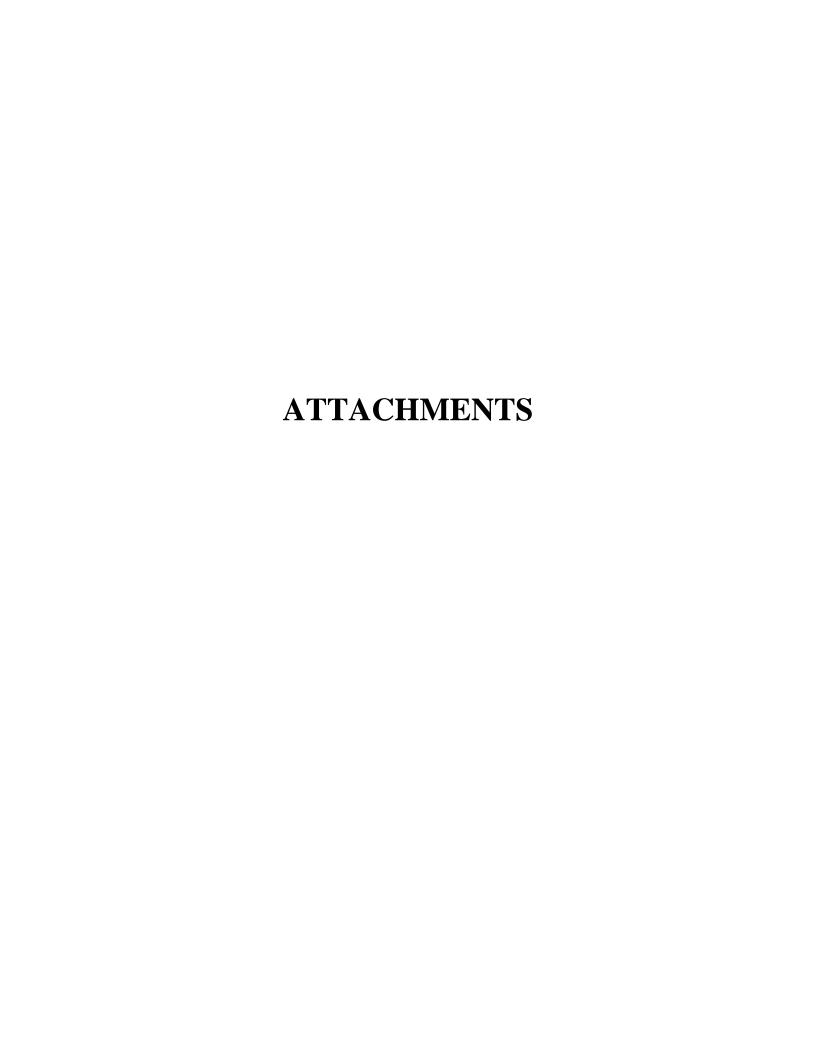
Monitoring Well	Date Sampled	Diameter (in)	Total Well Depth (ft bgs)	Top of Casing to Grade (ft)	Depth to Water (ft)	Water Column Height (ft)	Purged Volume (gal)	Final pH	Final Temp (deg C)	Final Conductivity (mS/cm)	Final TDS (ppm)	ORP (mV)	Turbidity (NTU)	DO (mg/L)
MW-9	5/10/2014	2	19.60	1.0	11.54	9.06	4.43	6.87	14.5	0.525	0.336	54	12.1	2.86
MW-2A (formerly RW-2)	5/10/2015	8	20.64	2.7	12.23	11.11	86.96	7.57	17.77	0.726	0.465	-24	11.9	5.92
RW-3	5/10/2015	6	25.33	1.0	17.85	8.48	37.35	7.44	14.11	1.05	0.673	5	16.6	8.01
RW-5	5/10/2015	6	24.53	1.0	10.66	14.87	65.49	6.83	16.47	0.583	0.374	-40	2	7.94
RW-6	5/10/2015	6	21.86	0.0	5.35	16.51	72.71	7.91	17.79	1.41	0.921	-69	3.3	7.37
RW-7	5/10/2015	6	27.50	1.0	16.67	11.83	52.10	7.41	12.97	1.39	0.897	-39	9.8	6.91
RW-8	5/10/2015	6	24.50	1.0	12.10	13.40	59.01	7.15	14.83	0.78	0.499	-94	53.8	5.27
PZ-4	5/10/2015	2	19.50	0.0	7.19	12.31	6.02	7.91	13.33	1.91	1.21	-120	300	1.18
PZ-20	5/10/2015	2	20.00	0.0	4.10	15.90	7.78	6.93	17.69	0.981	0.631	-84	38.3	1.82
PZ-21	5/10/2015	2	19.50	0.0	2.30	17.20	8.41	6.62	14.07	0.983	0.629	-61	0	3.58











ATTACHMENT 1

Monitoring Well Sampling Field Reports



Fax: 518.689.4800

Well No:	MW-9				
Date(s):	5/11/2015				
We	ather	Temperature			
		High:			
		Low:			
	D	15 1100			

Well Sampling Field Record

Project: Maestri Site Project No. E15-1129

Location: 904 State Fair Blvs, Syracuse, NY 13209

Well Info

Well #:	MW-9	Well Location:		Near Back	Gate
Well Diameter (in):	2	Well Condition:		OK	
A. Total Well Depth (ft bgs):	19.6	Depth to Bedrock (ft):		NA	
B. TOC to Grade (ft):	1	TOC Elevation (ft):		408.87	7
C. Depth to Water TOC (ft):	11.54	G. Well Volume Factors:	1" = 0.041	5" = 1.02	9" = 3.31
D. Water Column Height (ft):	9.06	= (A + B) - C	2" = 0.163	6" = 1.47	10" = 4.08
E. Total Well Volume (gal):	1.48	= D*G	3" = 0.367	7" = 1.99	11" = 4.93
F. Purge (3 volumes) (gal):	4.43	= E*3	4" = 0.653	8" = 2.61	12" = 5.88

Purge

Purge Date:	5/11/2015	Pump/Method:	Grundfos
Purge Start Time:	1400	Approx Flow Rate:	1-2 gallons per minute
Purge Stop Time:	1415	Approx Volume Removed:	4.43
Did well dry out?	No		

Sampling I II III

I O					
Date:	5/11/2015	pH:	7.02	6.96	6.87
Time:	1430	Temp (°C):	13.86	11.16	14.5
Sample ID:	MW-9	Conductivity (uS/cm):	0.58	0.537	0.525
Sample Method:	Grab	TDS (ppm):	0.371	0.344	0.336
		ORP (mV):	78	56	54
		Tubidity (NTU):	16.1	14.3	12.1
		DO (mg/L):	1.88	2.83	2.86

Appearance

Clear



Fax: 518.689.4800

Well No:	MW-2A				
Date(s):	5/11/2015				
We	ather	Temperature			
		High:			
		Low:			
	Ducinat No.	E15	1120		

Well Sampling Field Record

Project: Maestri Site Project No. E15-1129

Location: 904 State Fair Blvs, Syracuse, NY 13209

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	TOC Elevation (ft):	406.4
C. Depth to Water TOC (ft):	12.23	G. Well Volume Factors:	1" = 0.041 5" = 1.02 9" = 3.31
D. Water Column Height (ft):	11.11	= (A + B) - C	2" = 0.163 6" = 1.47 10" = 4.08
E. Total Well Volume (gal):	28.90	= D*G	3" = 0.367 7" = 1.99 11" = 4.93
F. Purge (3 volumes) (gal):	86.70	= E*3	4" = 0.653 8" = 2.61 12" = 5.88

Purge

Purge Date:	5/11/2015	Pump/Method:	Grundfos
Purge Start Time:	1245	Approx Flow Rate:	1-2 gallons per minute
Purge Stop Time:		Approx Volume Removed:	86.70
Did well dry out?			

Sampling I II III

Date:	5/11/2015	pH:	6.91	8.05	7.57
Time:	1350	Temp (°C):	13.99	12.69	17.77
Sample ID:	MW-2A	Conductivity (uS/cm):	1.37	0.722	0.726
Sample Method:	Grab	TDS (ppm):	0.856	0.462	0.465
		ORP (mV):	-63	12	-24
		Tubidity (NTU):	20.7	11.1	11.9
		DO (mg/L):	4.54	4.44	5.92

Appearance

Clear

Comments	



Fax: 518.689.4800

 Well No:
 RW-3

 Date(s):
 5/11/2015

 Weather
 Temperature

 High:
 Low:

Well Sampling Field Record

Project: Maestri Site Project No. E15-1129

Location: 904 State Fair Blvs, Syracuse, NY 13209

Well Info

Well #:	RW-3	Well Location:	Inside fence, nor	theast corner side
Well Diameter (in):	6	Well Condition:	()K
A. Total Well Depth (ft bgs):	25.33	Depth to Bedrock (ft):	N	NA .
B. TOC to Grade (ft):	1	TOC Elevation (ft):	40	7.01
C. Depth to Water TOC (ft):	17.85	G. Well Volume Factors:	1" = 0.041 5" = 1.0	2 9" = 3.31
D. Water Column Height (ft):	8.48	= (A + B) - C	2" = 0.163 6" = 1.4	7 10" = 4.08
E. Total Well Volume (gal):	12.47	= D*G	3" = 0.367 7" = 1.9	9 11" = 4.93
F. Purge (3 volumes) (gal):	37.40	= E*3	4" = 0.653 8" = 2.6	1 12" = 5.88

Purge

Purge Date:	5/11/2015	Pump/Method:	Grundfos
Purge Start Time:	1200	Approx Flow Rate:	1-2 gallons per minute
Purge Stop Time:		Approx Volume Removed:	37.40
Did well dry out?	Yes		

Sampling			I	II	III
Date:	5/11/2015	pH:	7.79	6.71	7.44
Time:	1600	Temp (°C):	15.07	15.91	14.11
Sample ID:	RW-3	Conductivity (uS/cm):	1.07	1.02	1.05
Sample Method:	Grab	TDS (ppm):	0.679	0.65	0.673
		ORP (mV):	-16	-17	5
		Tubidity (NTU):	158	10.5	16.6
		DO (mg/L):	3	2.33	8.01

Appearance

Clear	
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Fax: 518.689.4800

Well No:		RW-5	
Date(s):		5/11/2015	
W	eather	Tem	perature
		High:	
		Low:	
	Project No.	E1	5-1129

Well Sampling Field Record

Project: Maestri Site Project No. E15-1129

Location: 904 State Fair Blvs, Syracuse, NY 13209

Well Info

Well #:	RW-5	Well Location:	Inside fence, South side		th 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):		409.18	
C. Depth to Water TOC (ft):	10.66	G. Well Volume Factors:	1" = 0.041	5" = 1.02	9" = 3.31
D. Water Column Height (ft):	14.87	= (A + B) - C	2" = 0.163	6" = 1.47	10" = 4.08
E. Total Well Volume (gal):	21.86	= D*G	3" = 0.367	7" = 1.99	11" = 4.93
F. Purge (3 volumes) (gal):	65.58	= E*3	4" = 0.653	8" = 2.61	12" = 5.88

Purge

Purge Date:	5/11/2015	Pump/Method:	Grundfos
Purge Start Time:	1150	Approx Flow Rate:	1-2 gallons per minute
Purge Stop Time:	1215	Approx Volume Removed:	65.58
Did well dry out?	No		

Sampling I II III

Date:	5/11/2015	pH:	6.96	6.8	6.83
Time:	1617	Temp (°C):	20.77	16.87	16.47
Sample ID:	RW-5	Conductivity (mS/cm):	0.771	0.547	0.583
Sample Method:	Grab	TDS (g/L):	0.494	0.35	0.374
		ORP (mV):	-71	-44	-40
		Tubidity (NTU):	195	12.8	2
		DO (mg/L):	7.36	8.02	7.94

Appearance

Murky/ brown at first then became clear.



349 Northern Blvd Albany, NY 12204

Phone: 518.453.2203 Fax: 518.689.4800

Well No:		RW-6	
Date(s):		5/11/2015	
W	eather	Tem	perature
		High:	
		Low:	
	Project No.	E1	5-1129

Well Sampling Field Record

Maestri Site Project:

904 State Fair Blvs, Syracuse, NY 13209 Location:

Well Info

Well #:	RW-6	Well Location:	Backyard of residence		dence
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):	flush	TOC Elevation (ft):		393.64	
C. Depth to Water TOC (ft):	5.35	G. Well Volume Factors:	1" = 0.041	5" = 1.02	9" = 3.31
D. Water Column Height (ft):	16.51	= (A + B) - C	2" = 0.163	6" = 1.47	10" = 4.08
E. Total Well Volume (gal):	24.3	= D*G	3" = 0.367	7" = 1.99	11" = 4.93
F. Purge (3 volumes) (gal):	72.8	= E*3	4" = 0.653	8" = 2.61	12" = 5.88

Purge

Purge Date:	5/11/2015	Pump/Method:	Grundfos
Purge Start Time:	1225	Approx Flow Rate:	1-2 gallons per minute
Purge Stop Time:	1255	Approx Volume Removed:	72.8
Did well dry out?			

Sampling			I	II	III
	5/11/2015	pH:	7.8	7.89	7.91

Date:	5/11/2015	pH:	7.8	7.89	7.91
Time:	1350	Temp (°C):	16.64	18.7	17.79
Sample ID:	RW-6	Conductivity (uS/cm):	1.91	1.43	1.41
Sample Method:	Grab	TDS (ppm):	1.22	0.914	0.921
		ORP (mV):	-141	-77	-69
		Tubidity (NTU):	9	3.4	3.3

DO (mg/L): 6.25 7.3 7.37

Appearance

Gray hue/strong odor (maybe sulfur)



Phone: 518.453.220 Fax: 518.689.4800

Well No:	RW-7		
Date(s):	5/11/2015		
W	eather Temperature		
		High:	
		Low:	
	Project No.	E1:	5-1129

Well Sampling Field Record

Maestri Site

Location: 904 State Fair Blvs, Syracuse, NY 13209

Well Info

Project:

Well #:	RW-7	Well Location:	Outside fence ea	ıst 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):	405.76	
C. Depth to Water TOC (ft):	16.67	G. Well Volume Factors:	1" = 0.041 5" = 1.02	9" = 3.31
D. Water Column Height (ft):	11.83	= (A + B) - C	2" = 0.163 6" = 1.47	10" = 4.08
E. Total Well Volume (gal):	17.4	= D*G	3" = 0.367 7" = 1.99	11" = 4.93
F. Purge (3 volumes) (gal):	52.2	= E*3	4" = 0.653 8" = 2.61	12" = 5.88

Purge

Purge Date:	5/11/2015	Pump/Method:	Grundfos
Purge Start Time:	1440	Approx Flow Rate:	1-2 gallons per minute
Purge Stop Time:		Approx Volume Removed:	52.2
Did well dry out?			

Sampling			I	II	III
Date:	5/11/2015	pH:	9.61	7.39	7.41
Time:	1550	Temp (°C):	14.47	13.49	12.97
Sample ID:	RW-7	Conductivity (uS/cm):	4.47	1.34	1.39
Sample Method:	Grab	TDS (ppm):	2.89	0.858	0.897
		ORP (mV):	-95	-40	-39
		Tubidity (NTU):	32.5	10.1	9.8
		DO(ma/L)	9 55	7.53	6.01

Appearance

Rusty color



349 Northern Blvd Albany, NY 12204

Phone: 518.453.2203 Fax: 518.689.4800

Well No:	RW-8		
Date(s):	5/11/2015		
W	eather Temperature		
		High:	
		Low:	
	Project No.	E15	1120

Well Sampling Field Record

Project: Maestri Site Project No. E15-1129

Location: 904 State Fair Blvs, Syracuse, NY 13209

Well Info

Well #:	RW-8	Well Location:	Outside fence, north 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):		406.81	
C. Depth to Water TOC (ft):	12.1	G. Well Volume Factors:	1" = 0.041	5" = 1.02 9" = 3.31	
D. Water Column Height (ft):	13.4	= (A + B) - C	2" = 0.163	6" = 1.47 10" = 4.08	,
E. Total Well Volume (gal):	19.7	= D*G	3" = 0.367	7" = 1.99 11" = 4.93	
F. Purge (3 volumes) (gal):	59.1	= E*3	4" = 0.653	8" = 2.61 12" = 5.88	-

Purge

Purge Date:	5/11/2015	Pump/Method:	Grundfos
Purge Start Time:	1445	Approx Flow Rate:	1-2 gallons per minute
Purge Stop Time:		Approx Volume Removed:	59.1
Did well dry out?			

Sampling I II III

Date:	5/11/2015	pH:	7.54	7.15	
Time:	1600	Temp (°C):	14.09	14.83	
Sample ID:	RW-8	Conductivity (uS/cm):	0.942	0.78	
Sample Method:	Grab	TDS (ppm):	0.609	0.499	
		ORP (mV):	-63	-94	
		Tubidity (NTU):	77.6	53.8	
		DO (mg/L):	5.87	5.27	

Appearance

Brown, silty/ cloudy

Comments		



Fax: 518.689.4800

Well No:	PZ-4 5/11/2015		
Date(s):			
Weather		Temperature	
		High:	
		Low:	
_	Project No.	E15	5-1129

Well Sampling Field Record

Project: Maestri Site Project No. E15-1129

Location: 904 State Fair Blvs, Syracuse, NY 13209

Well Info

Well #:	PZ-4	Well Location:	Backy	yard of resid	lence
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):	flush	TOC Elevation (ft):		394.37	
C. Depth to Water TOC (ft):	7.19	G. Well Volume Factors:	1" = 0.041	5" = 1.02	9" = 3.31
D. Water Column Height (ft):	12.3	= (A + B) - C	2" = 0.163	6" = 1.47	10" = 4.08
E. Total Well Volume (gal):	2	= D*G	3" = 0.367	7" = 1.99	11" = 4.93
F. Purge (3 volumes) (gal):	6	= E*3	4" = 0.653	8" = 2.61	12" = 5.88

Purge

Purge Date:	5/11/2015	Pump/Method:	Grundfos
Purge Start Time:	1315	Approx Flow Rate:	1-2 gallons per minute
Purge Stop Time:	1330	Approx Volume Removed:	6
Did well dry out?			

 Sampling
 I
 II
 III

 5/11/2015
 pH: 6.74
 7.62
 7.91

 1240
 Till (GG)
 15.04
 12.57
 12.00

Time: Temp (°C): 1340 15.94 13.57 13.33 Sample ID: PZ-4 Conductivity (uS/cm): 1.06 1.82 1.91 TDS (ppm): Sample Method: Grab 0.675 1.17 1.21 ORP (mV): -116 -120 -5

Tubidity (NTU): 0 271 300

DO (mg/L): 1.28 1.41 1.18

Appearance

Grey hue/ slight odor.

Date:



349 Northern Blvd Suite 3 Albany, NY 12204 Phone: 518.453.2203 Fax: 518.689.4800 www.envirospeceng.com

WELL NO	P	Z-20	
Date(s)	5/11/2015		
Weath	er	Т	emperature emperature
Sunny		High	83
•		Low	75

Well Sampling Field Record

Project	Maestri Site	Project No.	E15-1129
Location	904 State Fair Blvd., Syracuse, NY 13209		

Well Info

Well #:	PZ-20	Well Location:	Off-site		
Well Diameter (in):	2	Well Condition:	OK		
A. Total Well Depth (ft bgs):	20	Depth to Bedrock (ft):	NA		
B. TOC to Grade (ft):	Flush	TOC Elevation (ft):	386		
C. Depth to Water TOC (ft):	4.1	G. Volume Factors:	1" = 0.041	5" = 1.02	9" = 3.31
D. Water Column Height (ft):	15.9	= (A+B)-C	2" = 0.163	6" = 1.47	10" = 4.08
E. Total Well Volume (gal):	2.6	=D*G	3" = 0.367	7" = 1.99	11" = 4.93
F. Purge (3 volumes) (gal):	7.77	=E*3	4" = 0.653	8" = 2.61	12" = 5.88

Purge

- 4-50			
Purge Date:	5/11/2015	Pump/Method:	Grundfos
Purge Start Time:	1000	Approx Flow Rate:	1-2 gallons per minute
Purge Stop Time:	1020	Approx Volume Removed:	7.77
Did well dry out?	No		

Sampling

Date:	5/11/2015	pH	7.04	6.95	6.91	6.93
Time:	1035	Temp (°C)	16.32	14.69	17.71	17.69
Sample ID:	PZ-20	Conductivity (mS/cm)	0.991	0.994	0.983	0.981
Sample Method: Grab		TDS (ppm)	0.635	0.637	0.629	0.631
		ORP (mV)	-111	-94	-86	-84
		Turbidity (NTU)	0	39	37.3	38.3
		DO (mg/L)	2.51	3.93	1.77	1.82

Appearance			
Clear			

Comments			



Fax: 518.689.4800

Well No:	PZ-21 5/11/2015		
Date(s):			
W	eather	Tem	perature
		High:	
		Low:	
	Project No.	E14	5 1120

Well Sampling Field Record

Project: Maestri Site Project No. E15-1129

Location: 904 State Fair Blvs, Syracuse, NY 13209

Well Info

Well #:	PZ-21	Well Location:		Off-site	
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):	flush	TOC Elevation (ft):		386.7	
C. Depth to Water TOC (ft):	2.3	G. Well Volume Factors:	1" = 0.041	5" = 1.02	9" = 3.31
D. Water Column Height (ft):	17.2	= (A + B) - C	2" = 0.163	6" = 1.47	10" = 4.08
E. Total Well Volume (gal):	2.3	= D*G	3" = 0.367	7" = 1.99	11" = 4.93
F. Purge (3 volumes) (gal):	6.9	= E*3	4" = 0.653	8" = 2.61	12" = 5.88

Purge

Purge Date:	5/11/2015	Pump/Method:	Grundfos
Purge Start Time:	1000	Approx Flow Rate:	1-2 gallons per minute
Purge Stop Time:	1017	Approx Volume Removed:	6.9
Did well dry out?	No		

Sampling IIIII6.73 Date: 5/11/2015 pH: 6.67 6.62 Time: 1032 Temp (°C): 16.2 14.43 14.07 PZ-21 Sample ID: Conductivity (uS/cm): 1.02 0.989 0.983 TDS (ppm): Sample Method: Grab 0.651 0.633 0.629 ORP (mV): 80 -63 -61 Tubidity (NTU): 281 0 0 DO (mg/L): 6.79 4.22 3.58

Appearance

Rust colored (cloudy brown/rust color)

Dup 1		

ATTACHMENT 2

Laboratory Analytical Results



05/22/15



Technical Report for

Envirospec Engineering

MAESTRI 2015 Monitoring

E1S-1129

Accutest Job Number: MC38628

Sampling Date: 05/11/15

Report to:

Envirospec Engineering 349 Northern Blvd. Albany, NY 12204 mroot@envirospeceng.com

ATTN: Matthew Root

Total number of pages in report: 21



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Reza Pand Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

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Sample Summary

Envirospec Engineering

Job No: MC38628

MAESTRI 2015 Monitoring Project No: E1S-1129

Sample Number	Collected Date		Received	Matri Code		Client Sample ID
MC38628-1	05/11/15	14:30 TECB	05/13/15	AQ	Ground Water	MW-9
MC38628-2	05/11/15	13:50 TECB	05/13/15	AQ	Ground Water	MW-2A
MC38628-3	05/11/15	16:00 TECB	05/13/15	AQ	Ground Water	RW-3
MC38628-4	05/11/15	16:17 TECB	05/13/15	AQ	Ground Water	RW-5
MC38628-5	05/11/15	13:50 TECB	05/13/15	AQ	Ground Water	RW-6
MC38628-6	05/11/15	15:50 TECB	05/13/15	AQ	Ground Water	RW-7
MC38628-7	05/11/15	16:00 TECB	05/13/15	AQ	Ground Water	RW-8
MC38628-8	05/11/15	13:40 TECB	05/13/15	AQ	Ground Water	PZ-4
MC38628-9	05/11/15	10:35 TECB	05/13/15	AQ	Ground Water	PZ-20
MC38628-10	05/11/15	10:32 TECB	05/13/15	AQ	Ground Water	PZ-21
MC38628-11	05/11/15	00:00 TECB	05/13/15	AQ	Ground Water	DUP 1
MC38628-12	05/11/15	00:00 TECB	05/13/15	AQ	Trip Blank Water	TRIP BLANK



Summary of Hits Job Number: MC3862

Job Number: MC38628
Account: Envirospec Engineering
Project: MAESTRI 2015 Monitoring

Collected: 05/11/15

Lab Sample ID Client Sample ID Result/ RL MDL Method Analyte Qual Units MC38628-1 MW-9 No hits reported in this sample. MC38628-2 MW-2A Xylenes (total) 407 1.0 EPA 624 ug/1 MC38628-3 RW-3 No hits reported in this sample. RW-5 MC38628-4 No hits reported in this sample. MC38628-5 RW-6 604 Xylenes (total) 1.0 ug/1 EPA 624 RW-7 MC38628-6 16.6 Xylenes (total) 1.0 EPA 624 ug/1 MC38628-7 RW-8 2.0 1.0 EPA 624 Xylenes (total) ug/1

1.0

ug/1

EPA 624

MC38628-9 PZ-20

MC38628-8

Xylenes (total)

No hits reported in this sample.

PZ-4

5.3

MC38628-10 PZ-21

No hits reported in this sample.

MC38628-11 DUP 1

No hits reported in this sample.



Summary of Hits Job Number: MC38628

Account: Envirospec Engineering **Project:** MAESTRI 2015 Monitoring

Collected: 05/11/15

Lab Sample ID Client Sample ID Result/
Analyte Qual RL MDL Units Method

MC38628-12 TRIP BLANK

No hits reported in this sample.





Sample Results
Report of Analysis



Page 1 of 1

Report of Analysis

Client Sample ID: MW-9

 Lab Sample ID:
 MC38628-1
 Date Sampled:
 05/11/15

 Matrix:
 AQ - Ground Water
 Date Received:
 05/13/15

 Method:
 EPA 624
 Percent Solids:
 n/a

Project: MAESTRI 2015 Monitoring

File ID DF **Prep Date Analytical Batch** Analyzed By **Prep Batch** Run #1 H72617.D 1 05/21/15 GKn/a MSH2407 n/aRun #2

Itali #2

Purge Volume Run #1 5.0 ml

Run #2

CAS No. Compound Result RLUnits Q 1330-20-7 Xylenes (total) 1.0 ND ug/1 CAS No. **Surrogate Recoveries** Run#1 Run# 2 Limits

 17060-07-0
 1,2-Dichloroethane-D4 (SUR)
 105%
 73-128%

 2037-26-5
 Toluene-D8 (SUR)
 102%
 76-109%

 460-00-4
 4-Bromofluorobenzene (SUR)
 95%
 81-135%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

 $B = \ Indicates \ analyte \ found \ in \ associated \ method \ blank$

N = Indicates presumptive evidence of a compound



Report of Analysis

alysis Page 1 of 1

Client Sample ID: MW-2A

 Lab Sample ID:
 MC38628-2
 Date Sampled:
 05/11/15

 Matrix:
 AQ - Ground Water
 Date Received:
 05/13/15

 Method:
 EPA 624
 Percent Solids:
 n/a

Project: MAESTRI 2015 Monitoring

File ID DF Analyzed By Prep Date Prep Batch Analytical Batch
Run #1 H72620.D 1 05/21/15 GK n/a n/a MSH2407

Run #2

Purge Volume

Run #1 5.0 ml

Run #2

CAS No. Compound Result RL Units Q
1330-20-7 Xylenes (total) 407 1.0 ug/l

 CAS No.
 Surrogate Recoveries
 Run# 1
 Run# 2
 Limits

 17060-07-0
 1,2-Dichloroethane-D4 (SUR)
 112%
 73-128%

 2037-26-5
 Toluene-D8 (SUR)
 101%
 76-109%

 460-00-4
 4-Bromofluorobenzene (SUR)
 107%
 81-135%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



W

Report of Analysis

Client Sample ID: RW-3

 Lab Sample ID:
 MC38628-3
 Date Sampled:
 05/11/15

 Matrix:
 AQ - Ground Water
 Date Received:
 05/13/15

 Method:
 EPA 624
 Percent Solids:
 n/a

Project: MAESTRI 2015 Monitoring

File ID DF Analyzed By Prep Date Prep Batch Analytical Batch
Run #1 H72611.D 1 05/21/15 GK n/a n/a MSH2407

Run #2

Purge Volume Run #1 5.0 ml

Run #2

CAS No. Compound Result RL Units Q

1330-20-7 Xylenes (total) ND 1.0 ug/l

CAS No. Surrogate Recoveries Run# 1 Run# 2 Limits

 17060-07-0
 1,2-Dichloroethane-D4 (SUR)
 108%
 73-128%

 2037-26-5
 Toluene-D8 (SUR)
 102%
 76-109%

 460-00-4
 4-Bromofluorobenzene (SUR)
 95%
 81-135%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



Report of Analysis

Client Sample ID: RW-5

Lab Sample ID: MC38628-4 **Date Sampled:** 05/11/15 Matrix: AQ - Ground Water Date Received: 05/13/15 Method: EPA 624 **Percent Solids:** n/a

Project: MAESTRI 2015 Monitoring

File ID DF **Analytical Batch** Analyzed By **Prep Date Prep Batch** Run #1 H72612.D 1 05/21/15 GKn/a MSH2407 n/a

Run #2

Purge Volume

Run #1 5.0 ml

Run #2

CAS No. Compound Result RLUnits Q

1330-20-7 Xylenes (total) 1.0 ND ug/1

CAS No. **Surrogate Recoveries** Run#1 Run# 2 Limits

17060-07-0 1,2-Dichloroethane-D4 (SUR) 104% 73-128% 2037-26-5 Toluene-D8 (SUR) 104% 76-109% 460-00-4 4-Bromofluorobenzene (SUR) 97% 81-135%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



Page 1 of 1

Report of Analysis

Client Sample ID: RW-6

 Lab Sample ID:
 MC38628-5
 Date Sampled:
 05/11/15

 Matrix:
 AQ - Ground Water
 Date Received:
 05/13/15

 Method:
 EPA 624
 Percent Solids:
 n/a

Project: MAESTRI 2015 Monitoring

File ID DF Analyzed By Prep Date Prep Batch Analytical Batch
Run #1 H72621.D 1 05/21/15 GK n/a n/a MSH2407

Run #2

Purge Volume Run #1 5.0 ml

Run #2

CAS No. Compound Result RL Units Q

1330-20-7 Xylenes (total) 604 1.0 ug/l

CAS No. Surrogate Recoveries Run# 1 Run# 2 Limits

 17060-07-0
 1,2-Dichloroethane-D4 (SUR)
 109%
 73-128%

 2037-26-5
 Toluene-D8 (SUR)
 105%
 76-109%

 460-00-4
 4-Bromofluorobenzene (SUR)
 113%
 81-135%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



Report of Analysis

Client Sample ID: RW-7

 Lab Sample ID:
 MC38628-6
 Date Sampled:
 05/11/15

 Matrix:
 AQ - Ground Water
 Date Received:
 05/13/15

 Method:
 EPA 624
 Percent Solids:
 n/a

Project: MAESTRI 2015 Monitoring

File ID DF **Analytical Batch** Analyzed By **Prep Date Prep Batch** Run #1 H72618.D 1 05/21/15 GKn/a MSH2407 n/aRun #2

Purge Volume

Run #1 5.0 ml

Run #2

CAS No. Compound Result RLUnits Q 1330-20-7 Xylenes (total) 1.0 16.6 ug/1 CAS No. **Surrogate Recoveries** Run#1 Run# 2 Limits 17060-07-0 1,2-Dichloroethane-D4 (SUR) 111% 73-128% 2037-26-5 Toluene-D8 (SUR) 105% 76-109% 460-00-4 4-Bromofluorobenzene (SUR) 99% 81-135%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

 $B = \ Indicates \ analyte \ found \ in \ associated \ method \ blank$

N = Indicates presumptive evidence of a compound



Report of Analysis

Client Sample ID: RW-8

 Lab Sample ID:
 MC38628-7
 Date Sampled:
 05/11/15

 Matrix:
 AQ - Ground Water
 Date Received:
 05/13/15

 Method:
 EPA 624
 Percent Solids:
 n/a

Project: MAESTRI 2015 Monitoring

File ID DF Analyzed By Prep Date Prep Batch Analytical Batch
Run #1 H72613.D 1 05/21/15 GK n/a n/a MSH2407

Run #2

Purge Volume Run #1 5.0 ml

Run #2

CAS No. Compound Result RL Units Q

1330-20-7 Xylenes (total) 2.0 1.0 ug/l

CAS No. Surrogate Recoveries Run# 1 Run# 2 Limits

 17060-07-0
 1,2-Dichloroethane-D4 (SUR)
 109%
 73-128%

 2037-26-5
 Toluene-D8 (SUR)
 102%
 76-109%

 460-00-4
 4-Bromofluorobenzene (SUR)
 95%
 81-135%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

 $B = \ Indicates \ analyte \ found \ in \ associated \ method \ blank$

N = Indicates presumptive evidence of a compound



Report of Analysis

Client Sample ID: PZ-4

 Lab Sample ID:
 MC38628-8
 Date Sampled:
 05/11/15

 Matrix:
 AQ - Ground Water
 Date Received:
 05/13/15

 Method:
 EPA 624
 Percent Solids:
 n/a

Project: MAESTRI 2015 Monitoring

File ID DF Analyzed By Prep Date Prep Batch Analytical Batch
Run #1 H72614.D 1 05/21/15 GK n/a n/a MSH2407

Run #2

Purge Volume Run #1 5.0 ml

Run #2

CAS No. Compound Result RLUnits Q 1330-20-7 Xylenes (total) 1.0 5.3 ug/1 CAS No. **Surrogate Recoveries** Run#1 Run# 2 Limits 17060-07-0 1,2-Dichloroethane-D4 (SUR) 107% 73-128% 2037-26-5 Toluene-D8 (SUR) 104% 76-109% 460-00-4 4-Bromofluorobenzene (SUR) 99% 81-135%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



Report of Analysis

Client Sample ID: PZ-20

 Lab Sample ID:
 MC38628-9
 Date Sampled:
 05/11/15

 Matrix:
 AQ - Ground Water
 Date Received:
 05/13/15

 Method:
 EPA 624
 Percent Solids:
 n/a

Project: MAESTRI 2015 Monitoring

File ID DF Analyzed By Prep Date Prep Batch Analytical Batch
Run #1 H72615.D 1 05/21/15 GK n/a n/a MSH2407

Run #2

Purge Volume

Run #1 5.0 ml

Run #2

CAS No. Compound Result RL Units Q

1330-20-7 Xylenes (total) ND 1.0 ug/l

 CAS No.
 Surrogate Recoveries
 Run# 1
 Run# 2
 Limits

 17060-07-0
 1,2-Dichloroethane-D4 (SUR)
 109%
 73-128%

 2037-26-5
 Toluene-D8 (SUR)
 99%
 76-109%

 460-00-4
 4-Bromofluorobenzene (SUR)
 100%
 81-135%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



Report of Analysis

Page 1 of 1

Client Sample ID: PZ-21

Lab Sample ID: MC38628-10 **Date Sampled:** 05/11/15 Matrix: AQ - Ground Water Date Received: 05/13/15 Method: EPA 624 **Percent Solids:** n/a

Project: MAESTRI 2015 Monitoring

File ID DF **Prep Date Prep Batch Analytical Batch** Analyzed By Run #1 H72616.D 1 05/21/15 GKn/a MSH2407 n/a

Run #2

Purge Volume 5.0 ml

Run #1

Run #2

460-00-4

CAS No. Compound Result RLUnits Q 1330-20-7 Xylenes (total) 1.0 ND ug/1 CAS No. **Surrogate Recoveries** Run#1 Run# 2 Limits 17060-07-0 1,2-Dichloroethane-D4 (SUR) 104% 73-128% 2037-26-5 Toluene-D8 (SUR) 98% 76-109%

4-Bromofluorobenzene (SUR) 98%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

81-135%

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



Report of Analysis

Page 1 of 1

Client Sample ID: DUP 1

 Lab Sample ID:
 MC38628-11
 Date Sampled:
 05/11/15

 Matrix:
 AQ - Ground Water
 Date Received:
 05/13/15

 Method:
 EPA 624
 Percent Solids:
 n/a

Project: MAESTRI 2015 Monitoring

File ID DF Analyzed By Prep Date Prep Batch Analytical Batch
Run #1 H72619.D 1 05/21/15 GK n/a n/a MSH2407

Run #2

Purge Volume

Run #1 5.0 ml

Run #2

CAS No. Compound Result RL Units Q

1330-20-7 Xylenes (total) ND 1.0 ug/l

CAS No. Surrogate Recoveries Run# 1 Run# 2 Limits

 17060-07-0
 1,2-Dichloroethane-D4 (SUR)
 102%
 73-128%

 2037-26-5
 Toluene-D8 (SUR)
 96%
 76-109%

 460-00-4
 4-Bromofluorobenzene (SUR)
 96%
 81-135%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



Report of Analysis Page 1 of 1

Client Sample ID: TRIP BLANK

 Lab Sample ID:
 MC38628-12
 Date Sampled:
 05/11/15

 Matrix:
 AQ - Trip Blank Water
 Date Received:
 05/13/15

 Method:
 EPA 624
 Percent Solids:
 n/a

Project: MAESTRI 2015 Monitoring

File ID DF Analyzed By Prep Date Prep Batch Analytical Batch
Run #1 H72598.D 1 05/21/15 GK n/a n/a MSH2407

Run #2

Purge Volume Run #1 5.0 ml

Run #2

CAS No. Compound Result RLUnits Q 1330-20-7 Xylenes (total) 1.0 ND ug/1 CAS No. **Surrogate Recoveries** Run#1 Run# 2 Limits 17060-07-0 1,2-Dichloroethane-D4 (SUR) 102% 73-128% 2037-26-5 Toluene-D8 (SUR) 100% 76-109% 460-00-4 4-Bromofluorobenzene (SUR) 100% 81-135%

ND = Not detected J = Indicates an estimated value

RL = Reporting Limit B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound



7. /	r:	E
IVI	lisc.	Forms

Custody Documents and Other Forms

Includes the following where applicable:

· Chain of Custody



CHAIN OF CUSTODY

Accutest Laboratories of New England 495 Technology Center West, Building One TEL. 508-481-6200 FAX: 508-481-7753 FED-EX Tracking # LABORATORIES MC38628 www.accutest.com Client / Reporting Information Project Information Requested Analysis (see TEST CODE sheet) Monitoring DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIG - Other Liquid
AIR - Air
SOL - Other Liquid
WP - Wipe
FB-Field Blank
EB - Equipment Blank
TB-17p Blank Envirospec Engineering MAESTRI 2015 60 Billing Information (If different from Report to) \$PA E18-1129 lenes roject Manager, Root laington / C. Barbosa Field ID / Point of Collection MEOH/DI Vial # LAB USE ONLY MV-9 5/11/2015 1430 R/CRAGW 3 1350 1600 MW-2A RW-3 -3 <u>Rw-5</u> 1617 RW-6 1350 1550 1600 RW-Z RW-8 PZ-4 -7 1340 1035 PZ-21 1032 CazA3 DUP I -(/ Trip Blank 2 Data Deliverable Information Turnaround Time (Business days) Commercial "A" (Level 1) NYASP Category A Std. 10 Business Days

Std. 5 Business Days (By Contract only) Commercial "B" (Level 2)

FULLT1 (Level 3+4)

CT RCP

MA MCP NYASP Category B State Forms EDD Format 5 Day RUSH 3 Day EMERGENCY 2 Day EMERGENCY Commercial "A" = Results Only 1 Day EMERGENCY ACCUTEST Commercial "B" = Results + QC Summar Emergency & Rush T/A data available VIA Lablini nples change SYRACUSE-SC ter 5P-5 Date Time: 5-13-15

7

Not intac

d where app

MC38628: Chain of Custody Page 1 of 2

On Ice

....0.3°C





Accutest Laboratories Sample Receipt Summary

Accutest Job Number: N	1C38628		Client: E	NVIROSPEC		Project : 201S			
Date / Time Received: 5	/13/2015	10:15:00 <i>A</i>	AM C	Delivery Meth	od:	Airbill #'s:			
Cooler Temps (Initial/Adju	sted): #	1: (0.3/0.3	5);						
Cooler Security	Y or N	<u>L</u>		<u>Y</u>	or N	Sample Integrity - Documentation	<u>Y</u>	or N	
	✓	_	COC Pres			Sample labels present on bottles:	✓		
2. Custody Seals Intact:	V] 4. Sm	pl Dates/T	Γime OK ✓		2. Container labeling complete:	✓		
Cooler Temperature	<u>Y</u>	or N				3. Sample container label / COC agree:	\checkmark		
1. Temp criteria achieved:	\checkmark					Sample Integrity - Condition	<u>Y</u>	or N	
2. Thermometer ID:		G1;				Sample recvd within HT:	✓		
3. Cooler media:		ce (Bag)				All containers accounted for:	V		
4. No. Coolers:		1				3. Condition of sample:		Intact	
Quality Control Preservat	ion Y	or N	N/A			Sample Integrity - Instructions	<u>Y</u>	or N	N/A
1. Trip Blank present / cooler:	✓					Analysis requested is clear:	✓		
2. Trip Blank listed on COC:	✓					Bottles received for unspecified tests		✓	
3. Samples preserved proper	ly: 🔽					Sufficient volume recvd for analysis:	V		
4. VOCs headspace free:	✓					Compositing instructions clear:			\checkmark
						5. Filtering instructions clear:			\checkmark
Comments						•			
Accutest Laboratories 495 Technology Center West, Bldg One V:(508) 481-6200 F: (508) 481-7753								orough, MA 01752 accutest.com	

MC38628: Chain of Custody Page 2 of 2



ATTACHMENT 3

Site Inspection Report

envirospec 349 Northern Blvd. Suite 3 Albany, NY 12204 Albany, NY 12204					Date: 5-10-2015 Time:			10-2015			
Phone: 518.453.2203 Fax: 518.689.4800											
				Weather			Temperature High				
	Site	e Inspection	Report			Ove	rcast		Low		
Client	Stauffer Mar	nagement Company L	.LC			Proje	ct No.				
Location							Inspected By:				
Please note	any deficienci	es, issues, or actions tal	ken at the botto	m of the page o	or on	conti	nuation po	ages			
Site Secu	rity			· ·		(Circle one	9	Comments/Action Required		
1. Was gat	te closed and	locked when arriving	at site?		Ú	\bigcirc	N	NA			
		or breaks in the fencin			`	Y		NA			
		reatment shed locked			Ú	$\langle \rangle$	N	NA			
		ed and locked?			Ú	igwedge	N	NA			
5. Are ther	e any signs o	of vandalism or unauth	orized entry (odd tire	`	Y		NA			
		e, strange debris [bottl					_				
		and notify SMC and E									
Wells	•	•									
6. Are well	s intact? (exc	cept PZ-10 which has	been damage	ed)	\sim	\sim	N	NA			
		(with lid or cap)? (exc				Y	N	NA			
		(except wells noted b		,		\leq	N	NA			
Site Maint		· ·									
		or debris? If so, pleas	e remove/dis	card	,	Y	\overline{CN}	NA			
	e visible dust		se remove/dis	caru.		Y Y		NA			
		d to be mowed?				Υ	\sim	NA			
		to be mowed: to be weeded or shrul	n cleared?			Y	\sim	NA	Perimeter of property		
									(fence)		
		spots in grassy areas?)			Y	\bigcirc	NA			
	access road				\subseteq		N	NA			
		oads or access to wel		plowed?		Y	3	NA			
		oles throughout the s	ite?			Y	\overline{N}	NA			
	lors onsite?					Y	$\overline{\mathbb{A}}$	NA			
		o and visible?			\subset	Y —	N	NA			
Erosion C						. 1		~··			
		ct and upright?				Y	N	(NA)			
		ir or erosion control in			cont	act A					
		ce of runoff? (i.e. water		on ground)		Y	E	NA			
		g, ponded, or pools of				Y	\sim	NA			
		of runoff at the northe		stone area)		Y	\mathbb{R}	NA			
		y surface water runof			l	Y		NA			
23a. If so, describe where, approximate flow, and appearance of water below.											
Treatment System											
		the pumps still in the			\subseteq	<u>٢</u>	N	NA			
25. Does e	effluent totaliz	er on the wall for still	read 2846902	!?	`	Υ .		NA	2851315		
				eck that efflue					ping from RW 5, 6 and 8.		
26. Are all critical valves in the closed position?					\sim	\sim	N	NA			
27. Are there any system status alarms on the computer?						Y	N				
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"?											
("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 NA NA											
29. List water level for each recovery well as shown on computer: (total depth of well is shown in brackets)											
RW-7 [27.		N/A		RW-5 [2					N/A		
	V-2 (not online) N/A RW-8 [24								CNA		
RW-3 [25.3']									(N/A)		
30. Are any recovery wells at close to overtopping? (ref total depth above)						Y	N				
Upon leaving the site, check the following;											
04 - 44 - 4		الممادما ا			1	✓ <u> </u>	N I	N I A			

31. Is the treatment shed locked?

32. Were the gates closed and locked after leaving site?

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

Signature of Inspector:

Travis Edgington

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

A	envirospec ENGINEERING. PLLC	349 Northern Blvd. Suite 3 Albany, NY 12204 Phone: 518.453.2203 Fax: 518.689.4800	Date: Time:	10-21-2014 0945	
	Site Inspection	n Poport		33.3	
	Continuation		Page 2 of 2		
Client	Stauffer Management Compa		Project No.	E12-621	
Location	Maestri Site, 904 State Fair E		Inspected By:	Travis Edgington	
	Site Observations:				
1) <i>A</i>	Abscope to mow site during July	y 2015.			
Follow-u	o: Indicate actions required, perso	n(s) contacted, and dates for com-	nletion		
T GIIGHT G	• maioate actione required, perce	11(0) contacted, and dates for comp	oronorr .		
١	No follow-up action required.				

Signature of Inspector: $Travis\ Edgington$