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February 1, 2018

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 revised November 2017 Semi-Annual Groundwater Monitoring Report for the Maestri Site, prepared by Envirospec Engineering, PLLC on behalf of Stauffer Management Company, LLC (SMC).

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

Sincerely,

Gianna Aiezza

Gianna Aiezza, P.E.
Principal Engineer

Enc.

Cc: R. Jones, NYSDOH

**STAUFFER MANAGEMENT COMPANY
MAESTRI SITE
GEDDES, NEW YORK**

**SEMI-ANNUAL GROUNDWATER MONITORING
REPORT**

November 2017 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 E17-1532

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	SITE BACKGROUND.....	1
3.0	GROUNDWATER SAMPLING – APRIL 2017.....	1
4.0	GROUNDWATER QUALITY	3
5.0	SITE INSPECTIONS.....	4
6.0	SUMMARY.....	4

DRAWINGS

D-1	SITE MAP
D-2	GROUNDWATER CONTOURS WITH XYLENE CONCENTRATIONS- NOVEMBER 2017
D-3	GROUNDWATER CONTOURS WITH HISTORICAL XYLENE CONCENTRATIONS

APPENDIX

APPENDIX A	TABLES
APPENDIX B	MONITORING WELL SAMPLING FIELD REPORTS
APPENDIX C	LABORATORY ANALYTICAL DATA
APPENDIX D	SITE INSPECTION REPORT



A Woman Owned Business Enterprise (WBE)

1.0 INTRODUCTION

This report addresses the semi-annual groundwater sampling event that was completed on November 1, 2017 at the Stauffer Management Company (SMC) Maestri Site (the “Site”).

2.0 SITE BACKGROUND

The groundwater treatment system at the SMC Maestri Site began operation in 1996. On May 8, 2008, SMC submitted a request to the New York State Department of Environmental Conservation (NYSDEC) to shut down the treatment system.

SMC agreed to conduct weekly Site inspections and monthly sampling of eight (8) perimeter monitoring wells for the first three (3) 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 (3) 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 Site groundwater contamination plume was not migrating towards this residential area. A second downgradient monitoring well (PZ-21) was installed at 151 Alhan Parkway in June 2012. The locations of PZ-20 and PZ-21 are shown on Drawings D-1, D-2, and D-3 attached to this report.

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

3.0 GROUNDWATER SAMPLING – APRIL 2017

The 2nd 2017 semi-annual groundwater sampling event was conducted on November 1, 2017. Prior to monitoring well purging, all Site monitoring wells were gauged for static water level. A table of groundwater elevations from the November 2017 sampling event is included as Table 1. Groundwater contour maps depicting calculated site groundwater elevations are provided as Drawings D-2 and D-3.

Table 1
Groundwater Elevations – November 1, 2017

Well Number	Measuring Point Elevation	Depth to Water	Groundwater Elevation
MW-9	408.87	13.20	395.67
MW-10	413.82	13.60	400.22
MW-12	418.28	11.60	406.68
MW-14	405.17	16.40	388.77
PZ-2	407.23	7.40	397.83
PZ-3	409.60	16.50	393.10
PZ-4	394.37	6.15	388.22
PZ-5	393.37	4.80	388.57
PZ-6	410.15	17.10	393.05
PZ-7	409.13	15.40	393.73
PZ-9	408.69	14.60	394.09
PZ-10	407.04	13.80	393.24
PZ-12	408.17	14.10	394.07
PZ-13	407.12	12.70	394.42
PZ-14	408.44	10.70	397.74
PZ-15	406.74	16.40	390.34
PZ-18	406.30	16.60	389.70
PZ-19	406.88	15.80	391.08
PZ-20	386.00	4.60	381.40
PZ-21	386.70	0.00	386.70
MW-2A (formerly RW-2)	406.40	14.30	392.10
RW-3	407.01	16.60	390.41
RW-5	409.18	15.10	394.08
RW-6	393.64	5.10	388.54
RW-7	405.76	15.00	390.76
RW-8	406.81	13.75	393.06

A minimum of three (3) monitoring well volumes were purged from each of the monitoring wells scheduled for sampling except for RW-8, which went dry after approximately 2.5 well volumes were purged. 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 off-Site for disposal at a regulated disposal facility. Field data, including pH, temperature, conductivity, turbidity,

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

A duplicate sample was collected from RW-8 for laboratory and sampling quality assurance/quality control purposes. The result of the duplicate sample, as shown in Table 3 in Appendix A, 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 (CES) in North Syracuse, NY, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory, following typical chain of custody procedures for xylene analysis via EPA Method 624. The analytical results are included as Appendix C. A summary of results from this sampling round is presented in Table 2 below as well as in Appendix A.

Table 2 Summary of Xylene Concentration in Groundwater

Well Number	SSCG (ppb)	November 2017
		Xylene Concentration (ppb)
RW-3	5	ND < 3.0
RW-5	5	ND < 3.0
RW-6	5	ND < 3.0
RW-7	5	3.0
RW-8	5	ND < 3.0 (ND < 3.0)
MW-2A	5	ND < 3.0
MW-9	5	ND < 3.0
PZ-4	5	4.6
PZ-20	5	ND < 3.0
PZ-21	5	ND < 3.0
TRIP	5	ND < 3.0

Note: Duplicate sample represented in (parentheses).

Xylene concentrations continue to show fluctuations across semi-annual sampling events, specifically in RW-6, MW-2A, and MW-9 as shown on Drawing D-3 attached to this report. Levels detected in November 2017 are consistent with historical results. No levels onsite are elevated, offsite wells continue to be non-detect and there is no indication that the plume is migrating offsite.

5.0 SITE INSPECTIONS

Since August 2008, Site inspections were conducted during each groundwater sampling event. Items reviewed during the Site inspections included 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). It was noted that the property has been sold. A copy of the Site inspection report completed during the November 2017 sampling event is included as Appendix D.

6.0 SUMMARY

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

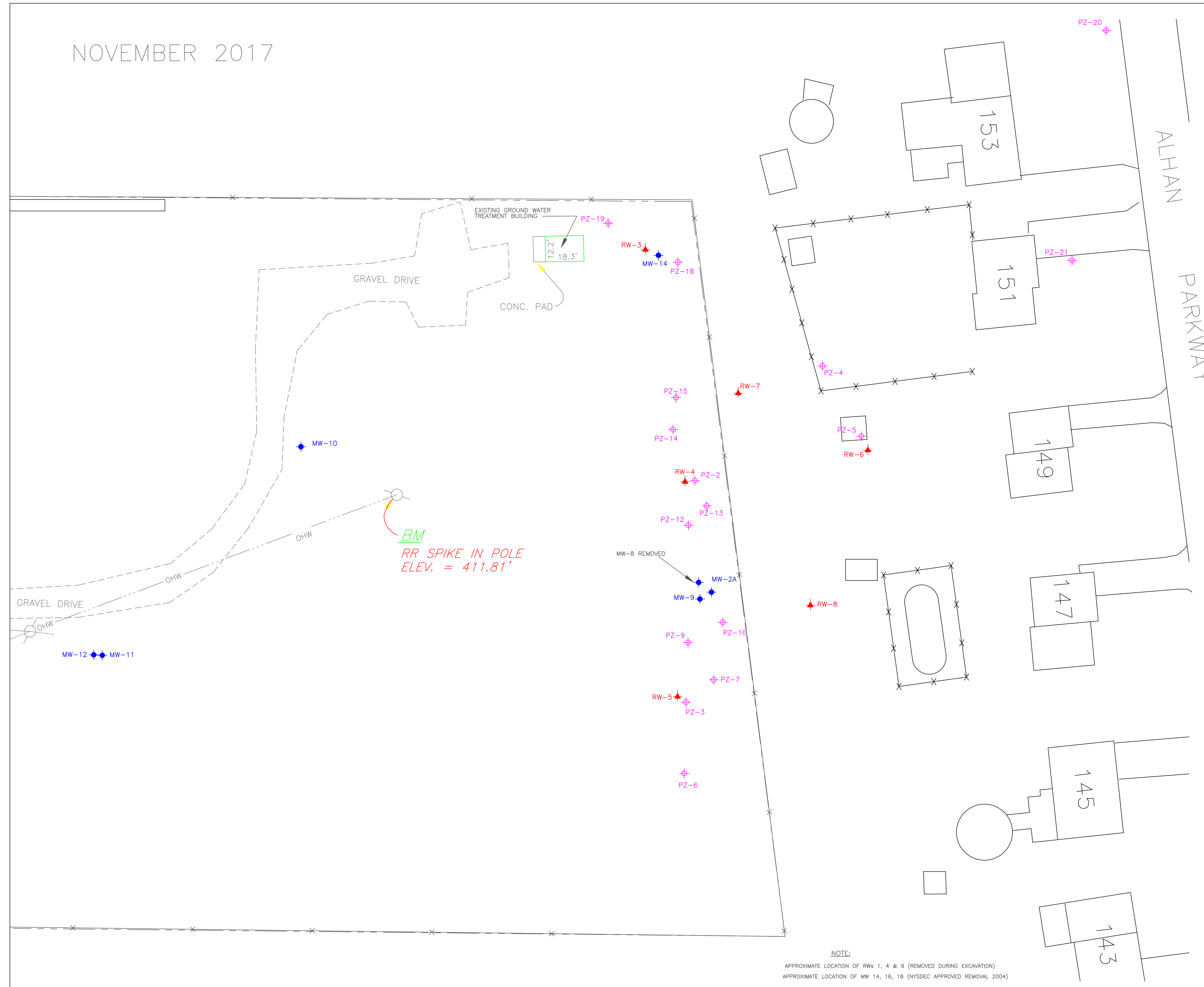
Based on the November 2017 sampling results, Site groundwater quality continues to show seasonal fluctuations in total xylene concentrations with no offsite migration.

The next semi-annual sampling and Site inspection will be completed during Spring 2018. The NYSDEC will be notified prior to the sampling event.

DRAWINGS

IMAGE	X-REF	OFFICE	DRAWN BY		REVISED		APPROVED BY		DRAWING NUMBER	NOVEMBER 2017
---	---	ALB	DEO	7-19-99	LB	11-27-2017	---	---		
---	---	ALB	DEO	7-19-99	LB	11-27-2017	---	---		

NOVEMBER 2017



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
 XYLENE CONCENTRATION ABOVE REGULATORY STANDARD OF 5.0 PPB

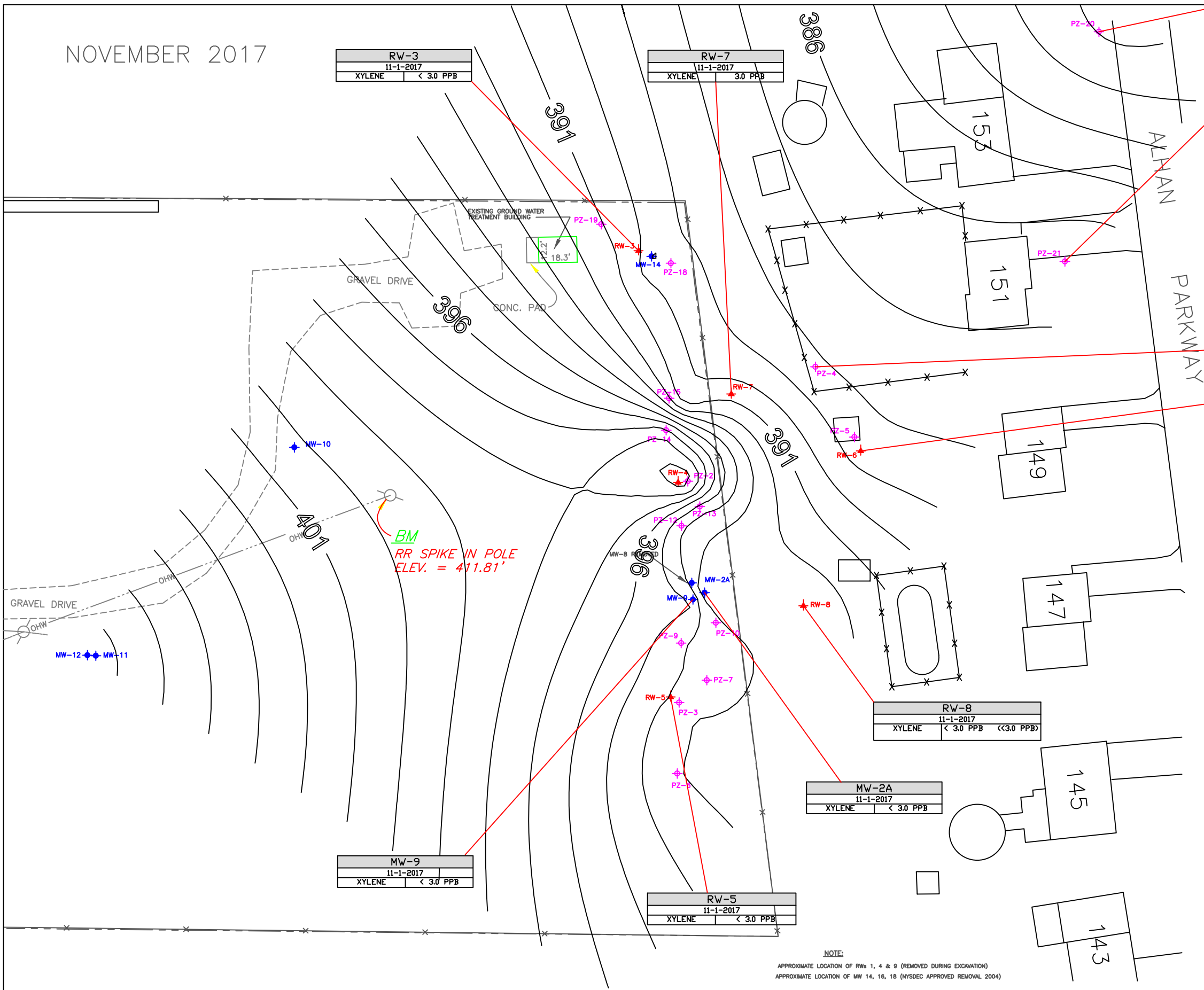
A horizontal scale bar labeled "SCALE" in the center. Below the bar are numerical markings at 0, 30, 60, and 90, followed by the word "FEET". The bar is divided into segments: the first 30 feet is divided into three equal parts by alternating black and white squares; the next 30 feet (from 30 to 60) is a solid black segment; and the final 30 feet (from 60 to 90) is a solid white segment.

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

D-1
SITE PLAN

MAESTRI SITE – NOVEMBER 2017
904 STATE FAIR BLVD.
GEDDES, NEW YORK

NOVEMBER 2017



LEGEND

-  MONITORING WELL
 RECOVERY WELL
 PIEZOMETER
 MAESTRI SITE PROPERTY BOUNDARY
 8' HIGH SECURITY FENCE
 ELECTRIC POLE
 6.6 PPB
 XYLENE CONCENTRATION ABOVE REGULATORY STANDARD OF 5.0 PPB

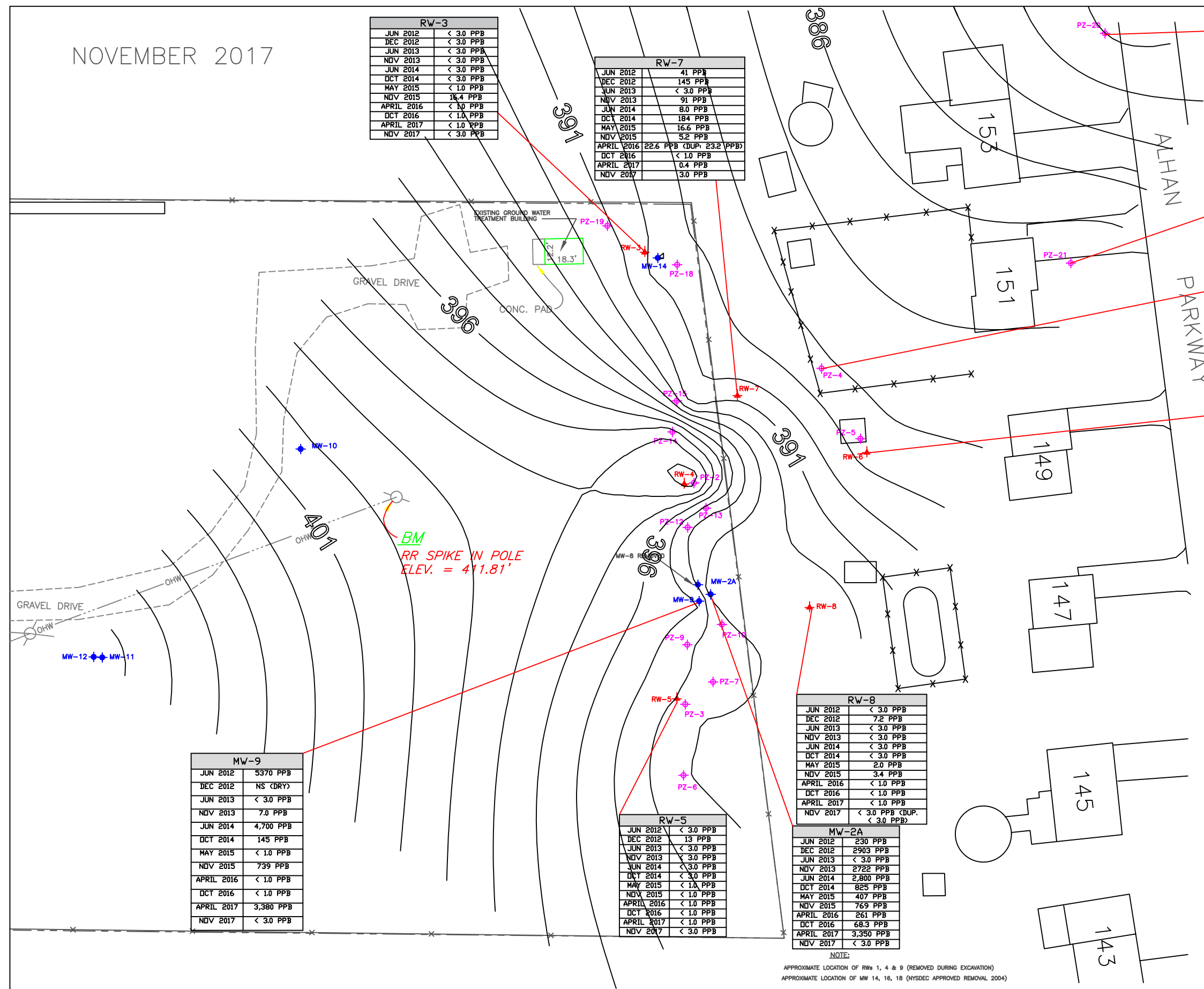
S C A L E



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

D-2

GROUNDWATER CONTOURS WITH
XYLENE CONCENTRATION SUMMARY
MAESTRI SITE - NOVEMBER 2017
904 STATE FAIR BLVD.
GEDDES, NEW YORK



PZ-20	
JUN 2012	< 3.0 PPB
DEC 2012	< 3.0 PPB
JUN 2013	< 3.0 PPB
NDV 2013	< 3.0 PPB
JUN 2014	< 3.0 PPB
DCT 2014	< 3.0 PPB
MAY 2015	< 1.0 PPB
NDV 2015	< 1.0 PPB
APRIL 2016	< 1.0 PPB
DCT 2016	< 1.0 PPB
APRIL 2017	< 1.0 PPB
NDV 2017	< 3.0 PPB

PZ-21	
JUN 2012	< 3.0 PPB
DEC 2012	< 3.0 PPB
JUN 2013	< 3.0 PPB
NOV 2013	< 3.0 PPB
JUN 2014	3.5 PPB
OCT 2014	< 3.0 PPB
MAY 2015	< 1.0 PPB (DUF 1.0 PPB)
NOV 2015	< 1.0 PPB
APRIL 2016	< 1.0 PPB
OCT 2016	< 1.0 PPB
APRIL 2017	< 1.0 PPB (DUF < 1.0 PPB)
NOV 2017	< 3.0 PPB

PZ-4	
JUN 2012	< 3.0 PPB
DEC 2012	< 3.0 PPB
JUN 2013	4.1 PPB
NOV 2013	4.9 PPB
JUN 2014	< 3.0 PPB
DCT 2014	7.1 PPB
MAY 2015	5.3 PPB
NOV 2015	5.3 PPB
APRIL 2016	5.7 PPB
DCT 2016	4.3 PPB
APRIL 2017	6.4 PPB
NOV 2017	4.6 PPB

RW-6		
JUN 2012		622 PPB
DEC 2012		511 PPB
JUN 2013		14 PPB
NOV 2013		418 PPB
JUN 2014		770 PPB
OCT 2014		466 PPB
MAY 2015		604 PPB
NOV 2015	185 PPB (2018 PPB)	
APRIL 2016		707 PPB
OCT 2016	88.9 PPB (94.5 PPB)	
APRIL 2017		333 PPB
NOV 2017		< 3.0 PPB

RW-8	
JUN 2012	< 3.0 PPB
DEC 2012	7.2 PPB
JUN 2013	< 3.0 PPB
NOV 2013	< 3.0 PPB
JUN 2014	< 3.0 PPB
OCT 2014	< 3.0 PPB
MAY 2015	2.0 PPB
NOV 2015	3.4 PPB
APRIL 2016	< 1.0 PPB
OCT 2016	< 1.0 PPB
APRIL 2017	< 1.0 PPB
NOV 2017	< 3.0 PPB (DUP. < 3.0 PPB)

MW-2A	
JUN 2012	230 PPB
DEC 2012	2903 PPB
JUN 2013	< 3.0 PPB
NOV 2013	2722 PPB
JUN 2014	2,800 PPB
DCT 2014	825 PPB
MAY 2015	407 PPB
NOV 2015	769 PPB
APRIL 2016	261 PPB
DCT 2016	68.3 PPB
APRIL 2017	3,350 PPB
NOV 2017	< 3.0 PPB

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

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



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

D-3
HISTORICAL GROUNDWATER
XYLENE CONCENTRATION SUMMARY
MAESTRI SITE — NOVEMBER 2017
904 STATE FAIR BLVD.
GEDDES, NEW YORK

APPENDICES

Appendix A	Tables
Appendix B	Monitoring Well Sampling Field Reports
Appendix C	Laboratory Analytical Reports
Appendix D	Site Inspection Report

APPENDIX A

Tables

Table 3
Summary of Total Xylene Concentrations (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	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 System Shutdown 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)
Nov-15	**	**	15.4	**	<1.1	183 (208)	5.2	3.4	769	739	5.3	<1.0	<1.0
Apr-16	**	**	< 1.0	**	<1.0	707	22.6 (23.2)	< 1.0	261	< 1.0	5.7	<1.0	<1.0
Oct-16	**	**	< 1.0	**	<1.0	88.9 (94.5)	< 1.0	< 1.0	68.3	< 1.0	4.3	<1.0	<1.0
Apr-17	**	**	< 1.0	**	<1.0	333	0.4	< 1.0	3,350	3,380	6.4	<1.0	< 1.0 (< 1.0)
Nov-17	**	**	< 3.0	**	< 3.0	< 3.0	3.0	< 3.0 (< 3.0)	< 3.0	< 3.0	4.6	< 3.0	< 3.0

Shaded boxes indicate 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

*****- 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

INC - Inconclusive laboratory result

Value in parenthesis is duplicate sample result

Table 4
Summary of November 2017 Groundwater Gauging and Field Water Quality Data

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	11/1/2017	2	19.60	1.0	13.20	7.40	3.50	6.70	13.22	0.746	0.478	149	31.3	1.99
MW-2A (formerly RW-2)	11/1/2017	8	20.64	2.7	14.30	8.70	60.00	6.99	13.00	0.656	0.420	47	6.2	2.84
RW-3	11/1/2017	6	25.33	1.0	16.60	9.73	30.00	7.43	12.20	1.45	0.928	-19	38.10	4.90
RW-5	11/1/2017	6	24.53	1.0	15.10	10.43	45.00	7.02	13.51	0.732	0.468	-64	34.20	0
RW-6	11/1/2017	6	21.86	0.0	5.10	16.76	74.00	7.74	13.26	0.980	0.627	-107	21.90	2.63
RW-7	11/1/2017	6	27.50	1.0	15.00	13.50	60.00	6.98	12.13	1.25	0.79	-5	22.80	1.40
RW-8	11/1/2017	6	24.50	1.0	13.75	11.75	45.00	6.71	11.87	0.775	0.496	124	31.2	2.97
PZ-4	11/1/2017	2	19.50	0.0	6.15	13.35	6.50	9.07	12.82	2.35	1.5	-119	> 1000	0.60
PZ-20	11/1/2017	2	20.00	0.0	4.60	15.40	7.50	7.20	15.24	1.07	0.684	-62	428	1.84
PZ-21	11/1/2017	2	19.50	0.0	-	19.50	9.50	7.31	13.77	0.979	0.626	-90	732	2.33

APPENDIX B

Monitoring Well Sampling Field Reports

		349 Northern Blvd Albany, NY 12204 Phone: 518.453.2203 Fax: 518.689.4800		Well No:	MW-9		
				Date(s):	11/1/2017		
				Weather		Temperature	
				Cloudy		High:	47
Low:	31						
Well Sampling Field Record							
Project:	Maestri Site			Project No.	E17-1532		
Location:	904 State Fair Blvs, Syracuse, NY 13209						

Well Info

Well #:	MW-9	Well Location:	Near Back Gate		
Well Diameter (in):	2	Well Condition:	No lock.		
A. Total Well Depth (ft bgs):	19.6	Depth to Bedrock (ft):	NA		
B. TOC to Grade (ft):	1	TOC Elevation (ft):	408.87		
C. Depth to Water TOC (ft):	13.2	G. Well Volume Factors:	1" = 0.041	5" = 1.02	9" = 3.31
D. Water Column Height (ft):	7.4	= (A + B) - C	2" = 0.163	6" = 1.47	10" = 4.08
E. Total Well Volume (gal):	1.2	= D*G	3" = 0.367	7" = 1.99	11" = 4.93
F. Purge (3 volumes) (gal):	3.6	= E*3	4" = 0.653	8" = 2.61	12" = 5.88

Purge

Purge Date:	11/1/2017	Pump/Method:	Bailer		
Purge Start Time:	9:30am	Approx Flow Rate:	NA		
Purge Stop Time:	9:44am	Approx Volume Removed:	3.5 gal		
Did well dry out?	No				

Sampling

Date:	11/1/2017	pH:	6.84	6.66	6.70
Time:	9:50am	Temp (°C):	12.63	13.19	13.22
Sample ID:	MW-9	Conductivity (mS/cm):	0.830	0.819	0.746
Sample Method:	Bailer	TDS (g/L):	0.530	0.524	0.478
		ORP (mV):	124	143	149
		Turbidity (NTU):	32.5	29.9	31.3
		DO (mg/L):	3.01	2.02	1.99

Appearance

Clear.

Comments

NA.

	349 Northern Blvd Albany, NY 12204 Phone: 518.453.2203 Fax: 518.689.4800	Well No:	MW-2A	
		Date(s):	11/1/2017	
		Weather	Temperature	
		Cloudy	High:	47
Well Sampling Field Record			Low:	31
Project:	Maestri Site	Project No.	E17-1532	
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):	14.3	G. Well Volume Factors:	1" = 0.041	5" = 1.02	9" = 3.31
D. Water Column Height (ft):	8.7	= (A + B) - C	2" = 0.163	6" = 1.47	10" = 4.08
E. Total Well Volume (gal):	22.69	= D*G	3" = 0.367	7" = 1.99	11" = 4.93
F. Purge (3 volumes) (gal):	68.07	= E*3	4" = 0.653	8" = 2.61	12" = 5.88

Purge

Purge Date:	11/1/2017	Pump/Method:	Grundfos		
Purge Start Time:	11:35am	Approx Flow Rate:	2 gpm		
Purge Stop Time:	12:05pm	Approx Volume Removed:	60 gal		
Did well dry out?	No				

Sampling

Date:	11/1/2017	pH:	6.96	6.96	6.99
Time:	12:05	Temp (°C):	12.69	12.89	13.00
Sample ID:	MW-2A	Conductivity (mS/cm):	0.704	0.661	0.656
Sample Method:	Grundfos	TDS (g/L):	0.451	0.423	0.420
		ORP (mV):	36	45	47
		Turbidity (NTU):	10.5	6.8	6.2
		DO (mg/L):	2.85	0	2.84

Appearance

Clear, odorless.

Comments

NA.

	349 Northern Blvd Albany, NY 12204 Phone: 518.453.2203 Fax: 518.689.4800	Well No:	RW-3	
		Date(s):	11/1/2017	
		Weather	Temperature	
		Rainy	High:	47
Well Sampling Field Record		Low:	31	
Project:	Maestri Site	Project No.	E17-1532	
Location:	904 State Fair Blvs, Syracuse, NY 13209			

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):	407.01		
C. Depth to Water TOC (ft):	16.6	G. Well Volume Factors:	1" = 0.041	5" = 1.02	9" = 3.31
D. Water Column Height (ft):	9.73	= (A + B) - C	2" = 0.163	6" = 1.47	10" = 4.08
E. Total Well Volume (gal):	14.28	= D*G	3" = 0.367	7" = 1.99	11" = 4.93
F. Purge (3 volumes) (gal):	42.85	= E*3	4" = 0.653	8" = 2.61	12" = 5.88

Purge

Purge Date:	11/1/2017	Pump/Method:	Grundfos		
Purge Start Time:	12:40pm	Approx Flow Rate:	2 gpm		
Purge Stop Time:	12:55pm	Approx Volume Removed:	30 gal		
Did well dry out?	Yes				

Sampling

Date:	11/1/2017	pH:	7.14	7.43	-
Time:	12:55pm	Temp (°C):	12.70	12.20	-
Sample ID:	RW-3	Conductivity (mS/cm):	1.18	1.45	-
Sample Method:	Grundfos	TDS (g/L):	0.757	0.928	-
		ORP (mV):	4	-19	-
		Turbidity (NTU):	40.7	38.1	-
		DO (mg/L):	4.47	4.90	-

Appearance

Clear with swampy odor.

Comments

Enough water was purged to collect a sample.
--



349 Northern Blvd
Albany, NY 12204
Phone: 518.453.2203
Fax: 518.689.4800

Well No:	RW-5		
Date(s):	11/1/2017		
Weather		Temperature	
Rainy		High:	47
		Low:	31

Well Sampling Field Record

Project:	Maestri Site	Project No.	E17-1532
Location:	904 State Fair Blvs, Syracuse, NY 13209		

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):	409.18		
C. Depth to Water TOC (ft):	15.1	G. Well Volume Factors:	1" = 0.041	5" = 1.02	9" = 3.31
D. Water Column Height (ft):	10.43	= (A + B) - C	2" = 0.163	6" = 1.47	10" = 4.08
E. Total Well Volume (gal):	15.31	= D * G	3" = 0.367	7" = 1.99	11" = 4.93
F. Purge (3 volumes) (gal):	45.93	= E * 3	4" = 0.653	8" = 2.61	12" = 5.88

Purge

Purge Date:	11/1/2017	Pump/Method:	Pump house		
Purge Start Time:	1:23pm	Approx Flow Rate:	1.5 gpm		
Purge Stop Time:	2:20pm	Approx Volume Removed:	45 gal		
Did well dry out?	No				

Sampling

Date:	11/1/2017	pH:	6.99	7.01	7.02
Time:	2:25pm	Temp (°C):	13.59	13.46	13.51
Sample ID:	RW-5	Conductivity (mS/cm):	0.838	0.750	0.732
Sample Method:	Pump house	TDS (g/L):	0.536	0.479	0.468
		ORP (mV):	-98	-74	-64
		Turbidity (NTU):	8.2	16.5	34.2
		DO (mg/L):	0	0	0

Appearance

Brown and cloudy at first. Then purged clear.

Comments

NA.

	349 Northern Blvd Albany, NY 12204 Phone: 518.453.2203 Fax: 518.689.4800	Well No:	RW-6		
		Date(s):	11/1/2017		
		Weather		Temperature	
		Cloudy		High:	47
Well Sampling Field Record				Low:	31
Project:	Maestri Site	Project No.	E17-1532		
Location:	904 State Fair Blvs, Syracuse, NY 13209				

Well Info

Well #:	RW-6	Well Location:	Backyard 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):	Flush	TOC Elevation (ft):	393.64		
C. Depth to Water TOC (ft):	5.1	G. Well Volume Factors:	1" = 0.041	5" = 1.02	9" = 3.31
D. Water Column Height (ft):	16.76	= (A + B) - C	2" = 0.163	6" = 1.47	10" = 4.08
E. Total Well Volume (gal):	24.60	= D*G	3" = 0.367	7" = 1.99	11" = 4.93
F. Purge (3 volumes) (gal):	73.8	= E*3	4" = 0.653	8" = 2.61	12" = 5.88

Purge

Purge Date:	11/1/2017	Pump/Method:	Pump house		
Purge Start Time:	12:37pm	Approx Flow Rate:	2.5 gpm		
Purge Stop Time:	1:10pm	Approx Volume Removed:	74 gal		
Did well dry out?	No				

Sampling

Date:	11/1/2017	pH:	7.71	7.63	7.74
Time:	1:15pm	Temp (°C):	13.52	13.33	13.26
Sample ID:	RW-6	Conductivity (mS/cm):	0.774	0.567	0.980
Sample Method:	Pump house	TDS (g/L):	0.496	0.567	0.627
		ORP (mV):	-88	-41	-107
		Turbidity (NTU):	81.5	58.3	21.9
		DO (mg/L):	2.30	1.34	2.63

Appearance

Black initially, strong sulfur odor. Color and odor dissipated during purging.
--

Comments

NA.

	349 Northern Blvd Albany, NY 12204 Phone: 518.453.2203 Fax: 518.689.4800	Well No:	RW-7		
		Date(s):	11/1/2017		
		Weather		Temperature	
		Rainy		High:	47
			Low:	31	
Well Sampling Field Record					
Project:	Maestri Site		Project No.	E17-1532	
Location:	904 State Fair Blvs, Syracuse, NY 13209				

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):	405.76		
C. Depth to Water TOC (ft):	15	G. Well Volume Factors:	1" = 0.041	5" = 1.02	9" = 3.31
D. Water Column Height (ft):	13.5	= (A + B) - C	2" = 0.163	6" = 1.47	10" = 4.08
E. Total Well Volume (gal):	19.81	= D * G	3" = 0.367	7" = 1.99	11" = 4.93
F. Purge (3 volumes) (gal):	59.45	= E * 3	4" = 0.653	8" = 2.61	12" = 5.88

Purge

Purge Date:	11/1/2017	Pump/Method:	Grundfos		
Purge Start Time:	10:45am	Approx Flow Rate:	2 gpm		
Purge Stop Time:	11:15am	Approx Volume Removed:	60 gal		
Did well dry out?	No				

Sampling

Date:	11/1/2017	pH:	8.07	7.10	6.98
Time:	11:15am	Temp (°C):	11.47	12.04	12.13
Sample ID:	RW-7	Conductivity (mS/cm):	2.30	1.32	1.25
Sample Method:	Grundfos	TDS (g/L):	1.47	0.84	0.79
		ORP (mV):	-80	-10	-5
		Turbidity (NTU):	35	12.7	22.8
		DO (mg/L):	11.47	1.60	1.40

Appearance

Initially brown but translucent. Swampy odor. Turned clear.

Comments

NA.

	349 Northern Blvd Albany, NY 12204 Phone: 518.453.2203 Fax: 518.689.4800	Well No:	RW-8			
		Date(s):	11/1/2017			
		Weather		Temperature		
		Rainy		High:	47	
Well Sampling Field Record			Low:	31		
Project:	Maestri Site		Project No.	E17-1532		
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):	13.75	G. Well Volume Factors:	1" = 0.041	5" = 1.02	9" = 3.31	
D. Water Column Height (ft):	11.75	= (A + B) - C	2" = 0.163	6" = 1.47	10" = 4.08	
E. Total Well Volume (gal):	17.25	= D*G	3" = 0.367	7" = 1.99	11" = 4.93	
F. Purge (3 volumes) (gal):	51.75	= E*3	4" = 0.653	8" = 2.61	12" = 5.88	

Purge

Purge Date:	11/1/2017	Pump/Method:	Grundfos			
Purge Start Time:	9:45am	Approx Flow Rate:	1.5 gpm			
Purge Stop Time:	10:15am	Approx Volume Removed:	45 gal			
Did well dry out?	Yes					

Sampling

Date:	11/1/2017	pH:	6.92	6.71	-
Time:	10:15am	Temp (°C):	11.32	11.87	-
Sample ID:	RW-8	Conductivity (mS/cm):	0.714	0.775	-
Sample Method:	Grundfos	TDS (g/L):	0.508	0.496	-
		ORP (mV):	111	124	-
		Turbidity (NTU):	33.7	31.2	-
		DO (mg/L):	3.43	2.97	-

Appearance

Initially very brown, turned clear.

Comments

DUP collected.

	349 Northern Blvd Albany, NY 12204 Phone: 518.453.2203 Fax: 518.689.4800	Well No:	PZ-4		
		Date(s):	11/1/2017		
		Weather		Temperature	
		Cloudy		High:	47
Well Sampling Field Record		Low:		31	
Project:	Maestri Site	Project No.	E17-1532		
Location:	904 State Fair Blvs, Syracuse, NY 13209				

Well Info

Well #:	PZ-4	Well Location:	Backyard 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):	Flush	TOC Elevation (ft):	394.37		
C. Depth to Water TOC (ft):	6.15	G. Well Volume Factors:	1" = 0.041	5" = 1.02	9" = 3.31
D. Water Column Height (ft):	13.35	= (A + B) - C	2" = 0.163	6" = 1.47	10" = 4.08
E. Total Well Volume (gal):	2.18	= D*G	3" = 0.367	7" = 1.99	11" = 4.93
F. Purge (3 volumes) (gal):	6.5	= E*3	4" = 0.653	8" = 2.61	12" = 5.88

Purge

Purge Date:	11/1/2017	Pump/Method:	Bailer		
Purge Start Time:	11:29am	Approx Flow Rate:	NA		
Purge Stop Time:	11:51am	Approx Volume Removed:	6.5 gal		
Did well dry out?	No				

Sampling

Date:	11/1/2017	pH:	8.88	8.89	9.07
Time:	11:55am	Temp (°C):	13.17	13.02	12.82
Sample ID:	PZ-4	Conductivity (mS/cm):	2.11	2.16	2.35
Sample Method:	Bailer	TDS (g/L):	1.35	1.38	1.50
		ORP (mV):	-105	-112	-119
		Turbidity (NTU):	425	778	>1000
		DO (mg/L):	2.52	0.82	0.60

Appearance

Brown hue, cloudy.

Comments

NA.

	349 Northern Blvd Albany, NY 12204 Phone: 518.453.2203 Fax: 518.689.4800	Well No:	PZ-20	
		Date(s):	11/1/2017	
		Weather	Temperature	
		Rainy	High:	47
Well Sampling Field Record			Low:	31
Project:	Maestri Site	Project No.	E17-1532	
Location:	904 State Fair Blvs, 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):	4.6	G. Well Volume Factors:	1" = 0.041	5" = 1.02	9" = 3.31
D. Water Column Height (ft):	15.4	= (A + B) - C	2" = 0.163	6" = 1.47	10" = 4.08
E. Total Well Volume (gal):	2.5	= D * G	3" = 0.367	7" = 1.99	11" = 4.93
F. Purge (3 volumes) (gal):	7.50	= E * 3	4" = 0.653	8" = 2.61	12" = 5.88

Purge

Purge Date:	11/1/2017	Pump/Method:	Bailer		
Purge Start Time:	10:49am	Approx Flow Rate:	NA		
Purge Stop Time:	11:11am	Approx Volume Removed:	7.5 gal		
Did well dry out?	No				

Sampling

Date:	11/1/2017	pH:	7.44	7.21	7.20
Time:	11:15am	Temp (°C):	15.01	15.67	15.24
Sample ID:	PZ-20	Conductivity (mS/cm):	0.923	0.931	1.07
Sample Method:	Bailer	TDS (g/L):	0.334	0.597	0.684
		ORP (mV):	-39	-57	-62
		Turbidity (NTU):	304	313	428
		DO (mg/L):	2.78	1.86	1.84

Appearance

Murky.

Comments

NA.



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Phone: 518.453.2203
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Well No:	PZ-21		
Date(s):	11/1/2017		
Weather		Temperature	
Cloudy		High:	47
		Low:	31

Well Sampling Field Record

Project:	Maestri Site	Project No.	E17-1532
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):	-	G. Well Volume Factors:	1" = 0.041	5" = 1.02	9" = 3.31
D. Water Column Height (ft):	19.5	= (A + B) - C	2" = 0.163	6" = 1.47	10" = 4.08
E. Total Well Volume (gal):	3.18	= D*G	3" = 0.367	7" = 1.99	11" = 4.93
F. Purge (3 volumes) (gal):	9.54	= E*3	4" = 0.653	8" = 2.61	12" = 5.88

Purge

Purge Date:	11/1/2017	Pump/Method:	Bailer
Purge Start Time:	10:10am	Approx Flow Rate:	NA
Purge Stop Time:	10:32am	Approx Volume Removed:	9.5 gal
Did well dry out?	No		

Sampling

Date:	11/1/2017	pH:	7.25	7.29	7.31
Time:	10:35am	Temp (°C):	12.96	13.79	13.77
Sample ID:	PZ-21	Conductivity (mS/cm):	0.956	0.969	0.979
Sample Method:	Bailer	TDS (g/L):	0.605	0.620	0.626
		ORP (mV):	-76	-83	-90
		Turbidity (NTU):	71.6	503	732
		DO (mg/L):	3.40	2.43	2.33

Appearance

Clear to murky.

Comments

NA.

APPENDIX C

Laboratory Analytical Results



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

REPORT OF ANALYSES

Envirospec Engineering, PLLC
349 Northern Blvd.
Suite 3
Albany, NY 12205-
Attn: Ms. Gianna Aiezza

PROJECT NAME: E17-1532 Maestri Project
DATE: 11/14/2017

SAMPLE NUMBER- 750728 SAMPLE ID- MW - 9
DATE SAMPLED- 11/01/17
DATE RECEIVED- 11/01/17 SAMPLER- Charlotte Verhoef
TIME RECEIVED- 1511 DELIVERED BY- C. Verhoef

SAMPLE MATRIX- GW
TIME SAMPLED- 0950
RECEIVED BY- SB
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		11/01/17		SB	2.0 Degrees C
Total Xylenes	EPA 624	11/08/17		RRB	< 3.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:


(Terms and Conditions on Reverse Side)

**Barbara L. DuChene
Laboratory Manager**

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 94 % REC
Toluene-d8 (75-125) - 99 % REC
4-Bromofluorobenzene (75-125) - 97 % REC



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REPORT OF ANALYSES

Envirospec Engineering, PLLC
349 Northern Blvd.
Suite 3
Albany, NY 12205-
Attn: Ms. Gianna Aiezza

PROJECT NAME: E17-1532 Maestri Project
DATE: 11/14/2017

SAMPLE NUMBER- 750729 SAMPLE ID- PZ - 21
DATE SAMPLED- 11/01/17
DATE RECEIVED- 11/01/17 SAMPLER- Charlotte Verhoef
TIME RECEIVED- 1511 DELIVERED BY- C. Verhoef

SAMPLE MATRIX- GW
TIME SAMPLED- 1035
RECEIVED BY- SB
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		11/01/17		SB	2.0 Degrees C
Total Xylenes	EPA 624	11/08/17		RRB	< 3.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 101 % REC
Toluene-d8 (75-125) - 93 % REC
4-Bromofluorobenzene (75-125) - 88 % REC



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REPORT OF ANALYSES

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Suite 3
Albany, NY 12205-
Attn: Ms. Gianna Aiezza

PROJECT NAME: E17-1532 Maestri Project
DATE: 11/14/2017

SAMPLE NUMBER- 750730 SAMPLE ID- RW - 8
DATE SAMPLED- 11/01/17
DATE RECEIVED- 11/01/17 SAMPLER- Charlotte Verhoef
TIME RECEIVED- 1511 DELIVERED BY- C. Verhoef

SAMPLE MATRIX- GW
TIME SAMPLED- 1015
RECEIVED BY- SB
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		11/01/17		SB	2.0 Degrees C
Total Xylenes	EPA 624	11/08/17		RRB	< 3.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:


(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 106 % REC
Toluene-d8 (75-125) - 97 % REC
4-Bromofluorobenzene (75-125) - 93 % REC



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REPORT OF ANALYSES

Envirospec Engineering, PLLC
349 Northern Blvd.
Suite 3
Albany, NY 12205-
Attn: Ms. Gianna Aiezza

PROJECT NAME: E17-1532 Maestri Project
DATE: 11/14/2017

SAMPLE NUMBER- 750731 SAMPLE ID- DUP
DATE SAMPLED- 11/01/17
DATE RECEIVED- 11/01/17 SAMPLER- Charlotte Verhoef
TIME RECEIVED- 1511 DELIVERED BY- C. Verhoef

SAMPLE MATRIX- GW
TIME SAMPLED- 1015
RECEIVED BY- SB
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		11/01/17		SB	2.0 Degrees C
Total Xylenes	EPA 624	11/08/17		RRB	< 3.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:


(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 103 % REC
Toluene-d8 (75-125) - 95 % REC
4-Bromofluorobenzene (75-125) - 91 % REC



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REPORT OF ANALYSES

Envirospec Engineering, PLLC
349 Northern Blvd.
Suite 3
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Attn: Ms. Gianna Aiezza

PROJECT NAME: E17-1532 Maestri Project
DATE: 11/14/2017

SAMPLE NUMBER- 750732 SAMPLE ID- PZ - 20
DATE SAMPLED- 11/01/17
DATE RECEIVED- 11/01/17 SAMPLER- Charlotte Verhoef
TIME RECEIVED- 1511 DELIVERED BY- C. Verhoef

SAMPLE MATRIX- GW
TIME SAMPLED- 1115
RECEIVED BY- SB
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		11/01/17		SB	2.0 Degrees C
Total Xylenes	EPA 624	11/08/17		RRB	< 3.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:


(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 95 % REC
Toluene-d8 (75-125) - 96 % REC
4-Bromofluorobenzene (75-125) - 91 % REC



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REPORT OF ANALYSES

Envirospec Engineering, PLLC
349 Northern Blvd.
Suite 3
Albany, NY 12205-
Attn: Ms. Gianna Aiezza

PROJECT NAME: E17-1532 Maestri Project
DATE: 11/14/2017

SAMPLE NUMBER- 750733 SAMPLE ID- RW - 7
DATE SAMPLED- 11/01/17
DATE RECEIVED- 11/01/17 SAMPLER- Charlotte Verhoef
TIME RECEIVED- 1511 DELIVERED BY- C. Verhoef

SAMPLE MATRIX- GW
TIME SAMPLED- 1115
RECEIVED BY- SB
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		11/01/17		SB	2.0 Degrees C
Total Xylenes	EPA 624	11/09/17		RRB	3.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 60 % REC Recovery below acceptance limits
Toluene-d8 (75-125) - 99 % REC
4-Bromofluorobenzene (75-125) - 97 % REC



**Certified
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Services, Inc.**

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Envirospec Engineering, PLLC
349 Northern Blvd.
Suite 3
Albany, NY 12205-
Attn: Ms. Gianna Aiezza

PROJECT NAME: E17-1532 Maestri Project
DATE: 11/14/2017

SAMPLE NUMBER- 750734 SAMPLE ID- PZ - 4
DATE SAMPLED- 11/01/17
DATE RECEIVED- 11/01/17 SAMPLER- Charlotte Verhoef
TIME RECEIVED- 1511 DELIVERED BY- C. Verhoef

SAMPLE MATRIX- GW
TIME SAMPLED- 1155
RECEIVED BY- SB
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		11/01/17		SB	2.0 Degrees C
Total Xylenes	EPA 624	11/09/17		RRB	4.6 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 87 % REC
Toluene-d8 (75-125) - 97 % REC
4-Bromofluorobenzene (75-125) - 95 % REC



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REPORT OF ANALYSES

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349 Northern Blvd.
Suite 3
Albany, NY 12205-
Attn: Ms. Gianna Aiezza

PROJECT NAME: E17-1532 Maestri Project
DATE: 11/14/2017

SAMPLE NUMBER- 750735 SAMPLE ID- MW - 2A
DATE SAMPLED- 11/01/17
DATE RECEIVED- 11/01/17 SAMPLER- Charlotte Verhoef
TIME RECEIVED- 1511 DELIVERED BY- C. Verhoef

SAMPLE MATRIX- GW
TIME SAMPLED- 1205
RECEIVED BY- SB
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		11/01/17		SB	2.0 Degrees C
Total Xylenes	EPA 624	11/08/17		RRB	< 3.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 94 % REC
Toluene-d8 (75-125) - 99 % REC
4-Bromofluorobenzene (75-125) - 102 % REC



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REPORT OF ANALYSES

Envirospec Engineering, PLLC
349 Northern Blvd.
Suite 3
Albany, NY 12205-
Attn: Ms. Gianna Aiezza

PROJECT NAME: E17-1532 Maestri Project
DATE: 11/14/2017

SAMPLE NUMBER- 750736 SAMPLE ID- RW - 3
DATE SAMPLED- 11/01/17
DATE RECEIVED- 11/01/17 SAMPLER- Charlotte Verhoef
TIME RECEIVED- 1511 DELIVERED BY- C. Verhoef

SAMPLE MATRIX- GW
TIME SAMPLED- 1255
RECEIVED BY- SB
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		11/01/17		SB	2.0 Degrees C
Total Xylenes	EPA 624	11/10/17		RRB	< 3.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 72 % REC
Toluene-d8 (75-125) - 95 % REC
4-Bromofluorobenzene (75-125) - 97 % REC



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REPORT OF ANALYSES

Envirospec Engineering, PLLC
349 Northern Blvd.
Suite 3
Albany, NY 12205-
Attn: Ms. Gianna Aiezza

PROJECT NAME: E17-1532 Maestri Project
DATE: 11/14/2017

SAMPLE NUMBER- 750737 SAMPLE ID- RW - 6
DATE SAMPLED- 11/01/17
DATE RECEIVED- 11/01/17 SAMPLER- Charlotte Verhoef
TIME RECEIVED- 1511 DELIVERED BY- C. Verhoef

SAMPLE MATRIX- GW
TIME SAMPLED- 1315
RECEIVED BY- SB
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		11/01/17		SB	2.0 Degrees C
Total Xylenes	EPA 624	11/08/17		RRB	< 3.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 92 % REC
Toluene-d8 (75-125) - 98 % REC
4-Bromofluorobenzene (75-125) - 98 % REC



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REPORT OF ANALYSES

Envirospec Engineering, PLLC
349 Northern Blvd.
Suite 3
Albany, NY 12205-
Attn: Ms. Gianna Aiezza

PROJECT NAME: E17-1532 Maestri Project
DATE: 11/14/2017

SAMPLE NUMBER- 750738 SAMPLE ID- RW - 5
DATE SAMPLED- 11/01/17
DATE RECEIVED- 11/01/17 SAMPLER- Charlotte Verhoef
TIME RECEIVED- 1511 DELIVERED BY- C. Verhoef

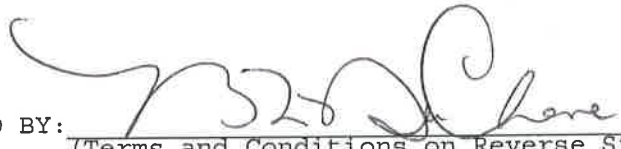
SAMPLE MATRIX- GW
TIME SAMPLED- 1425
RECEIVED BY- SB
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		11/01/17		SB	2.0 Degrees C
Total Xylenes	EPA 624	11/10/17		RRB	< 3.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:


(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 96 % REC
Toluene-d8 (75-125) - 97 % REC
4-Bromofluorobenzene (75-125) - 95 % REC



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REPORT OF ANALYSES

Envirospec Engineering, PLLC
349 Northern Blvd.
Suite 3
Albany, NY 12205-
Attn: Ms. Gianna Aiezza

PROJECT NAME: E17-1532 Maestri Project
DATE: 11/14/2017

SAMPLE NUMBER- 750739 SAMPLE ID- Trip Blank
DATE SAMPLED- 11/01/17
DATE RECEIVED- 11/01/17 SAMPLER- Charlotte Verhoef
TIME RECEIVED- 1511 DELIVERED BY- C. Verhoef

SAMPLE MATRIX- WA
TIME SAMPLED- 1425
RECEIVED BY- SB
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		11/01/17		SB	2.0 Degrees C
Total Xylenes	EPA 624	11/10/17		RRB	< 3.0 ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:


(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 85 % REC
Toluene-d8 (75-125) - 96 % REC
4-Bromofluorobenzene (75-125) - 89 % REC

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CES BATCH NO:

PAGE 7 OF 2

Standard TAT is end of day, 10 working days after lab receipt. Samples received after 2 pm are considered next day business. Rush TAT subject to laboratory approval and surcharges.

Standard ☐ 5 Working Days ☐ 3 Working Days

[illegible]

ADDRESS:	PROJECT #/NAME/PO #:	CONTAINER #	REMARKS
349 Northern Blvd. Suite 3 Alhambra, NY 12204	E17-1532 Marist Project	EPA6	

CONTACT NAME: Charlotte Verhoeve

[illegible]

Parameter and Method:			Sample bottle:		Preservative Code:	Remarks:
			Type	Size		
1						Samples Collected By: Name (Print): <u>CHARLOTTE VERHOEF</u> Signature: <u>[Signature]</u> Company: <u>ENVIVOSPEC Inc.</u>
2						
3						
4						
5						RELINQUISHED BY: Name: <u>Charlotte Verhoef</u> Signature: <u>[Signature]</u> Name: _____ Signature: _____
6						
7						
8						
9						RECEIVED BY: Name: <u>[Signature]</u> Signature: <u>[Signature]</u> Name: <u>[Signature]</u> Signature: _____
10						

Preservative Codes: A= Unpreserved B=H₂SO₄ C=HCl D=NaOH E=Ascorbic Acid F=HNO₃
G=Na₂S₂O₃ H= _____ I= _____

Samples Received in Good Condition:
☐ Yes ☐ No

Receipt Temperature: 2.0 °C



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

Sample Receiving Checklist

Client Name: EnviroSpec

Batch Number: 62590 Yes No If No Explain:

1. Proper Full and Complete Documentation: ☒ ☐ _____
2. Appropriate Sample Containers: ☒ ☐ _____
3. Adequate Sample Volume: ☒ ☐ _____
4. Hold Time(OK): ☒ ☐ _____
5. Proper Sample Labeling: ☒ ☐ _____
6. Sample Temperature: ☒ ☐ _____
7. Preservation OK: ☒ ☐ _____
(If preservation required note Lot # associated with preservative if available.)

H₂SO₄ WC HNO₃ MP NaOH WCSP Ascorbic Acid WC
HCl WCSP Na₂S₂O₃ WC Other _____ Not Available ☐

Additional Comments/Client Correspondence _____

DOCUMENT ID: SRCL 100914

Approved by: AG

Date Put In Place: 10/9/14

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Services, Inc.

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North Syracuse, New York 13212
Phone 315-478-2374
Fax 315-478-2107

CES BATCH NO: **6259**

Standard TAT is end of business day business. Rush next day business. Rush

Turn-Around Time

☒ Standard ☐ 5 Work

☐ 2 Working Days ☐ 1

PAGE 2 OF 2

Standard TAT is end of day, 10 working days after lab receipt. Samples received after 2 pm are considered next day business. Rush TAT subject to laboratory approval and surcharges.

Standard ☐ 5 Working Days ☐ 3 Working Days

CLIENT NAME:	Envirospec	Ena.	CLIENT PHONE: (518) 453-2203	FAX:
DATE: 12/1/95		TIME: 10:00	LOCATION: 27 TS	
DATE: 12/1/95		TIME: 10:00	LOCATION: 27 TS	

ADDRESS:	349 Northern Blvd. Suite 3 Albany, NY 12204	PROJECT #/NAME/PO #:	E17-1532 Maestri Project	Container	EPA 6	Remarks
----------	--	----------------------	-----------------------------	-----------	-------	---------

CONTACT NAME: Charlotte Verhoef

CES LOG NUMBERS (INTERVAL USED DO NOT WRITE)	Collected		Matrix	Grab or Comp.	CLIENT ID/SAMPLE LOCATION	Number
	Date	Time				
						10
						7
						6
						5
						4
						3
						2
						1

[illegible]

Parameter and Method:	Sample bottle:		Preservative Code:	Preservative Codes: A= Unpreserved B=H ₂ SO ₄ C=HCl D=NaOH E=Ascorbic Acid F=HNO ₃ G=Na ₂ S ₂ O ₃ H=_____ I=_____ J=_____
	Type	Size		

Sample Number	Date	Time	Location	Remarks
1				
2				
3				
4				

				RELINQUISHED BY:		RECEIVED BY:	
				Date	Time	Name:	Signature:
5							
6				11/1/17	5:11	Shannon Bar	
7							
8							
9							

10					Samples Received in Good Condition: ☐ Yes ☐ No Receipt Temperature: <u>2.0</u> °C
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Certified
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Services, Inc.

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

Sample Receiving Checklist

Client Name: Envirospec

Batch Number: <u>G2591</u>	Yes	No	If No Explain:
1. Proper Full and Complete Documentation:	☒	☐	_____
2. Appropriate Sample Containers:	☒	☐	_____
3. Adequate Sample Volume:	☒	☐	_____
4. Hold Time(OK):	☒	☐	_____
5. Proper Sample Labeling:	☒	☐	_____
6. Sample Temperature:	☒	☐	_____
7. Preservation OK: (If preservation required note Lot # associated with preservative if available.)	☒	☐	_____

H₂SO₄ WC HNO₃ MP NaOH WCSP Ascorbic Acid WC
HCl WCSP Na₂S₂O₃ WC Other _____ Not Available ☐

Additional Comments/Client Correspondence _____

DOCUMENT ID: SRCL 100914

Approved by: AG

Date Put In Place: 10/9/14

APPENDIX D

Site Inspection Report

 349 Northern Blvd. Suite 3 Albany, NY 12204 Phone: 518.453.2203 Fax: 518.689.4800		Date: 11-01-2017	
		Time: 13:00	
Site Inspection Report		Weather	
		Cloudy	Temperature High 47° F Low 31° F
Client	Stauffer Management Company LLC	Project No.	E17-1532
Location	Maestri Site, 904 State Fair Blvd, Geddes, NY	Inspected By:	C. Verhoef and D. Bissonnette

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 and MW-13) 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	Perimeter of property (fence)
13. Are there any bald spots in grassy areas?	☐ Y	☐ N	☐ NA	Ruts along entrance
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	In new ruts along the entrance
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	Has changed due to sump pump emptying during sampling events
25a. If not, contact Envirospec or SMC immediately and check that effluent valve is closed. Still pumping from RW 5 and 6.				
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")				
29. Check level of sump. Does sump need to be pumped out?	☐ Y	☒ N	☐ NA	
30. List water level for each recovery well as shown on computer. (total depth of well is shown in brackets)				
RW-7 (not online)	☒ N/A		RW-5 [24.5']	☒ N/A
RW-2 (not online)	☒ N/A		RW-8 (not online)	☒ N/A
RW-3 (not online)	☒ N/A		RW-6 [21.8']	☒ N/A
31. Are any recovery wells at close to overtopping? (ref total depth above)	☐ Y	☐ N	☒ NA	
Upon leaving the site, check the following:				
32. Is the treatment shed locked?	☒ Y	☐ N	☐ NA	
33. Were the gates closed and locked after leaving site?	☒ Y	☐ N	☐ NA	

Note: Some wells cannot be locked including MW-13, MW-9, PZ-10, RW-3, RW-4, and RW-5.

Signature of Inspector:

Charlotte Verhoef and Daniel Bissonnette

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



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

Date: 11-01-2017

Time: 13:00

Site Inspection Report
Continuation Page(s)

Page 2 of 2

Client	Stauffer Management Company LLC	Project No.	E17-1532
Location	Maestri Site, 904 State Fair Blvd, Geddes, NY	Inspected By:	C. Verhoef and D. Bissonnette

General Site Observations:

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

Fill in ruts along entrance and reseed.

Signature of Inspector: *Charlotte Verhoef and Daniel Bissonnette*