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ENGINEERING, PLLC

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February 5, 2019

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 2018 Annual Periodic Review 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
904 State Fair Boulevard
Geddes, NY
NYSDEC Site: 7-34-025

PERIODIC REVIEW REPORT

February 2019

Prepared for:

Stauffer Management Company
1800 Concord Pike
Wilmington, DE 19850-5437

Prepared by:

349 Northern Blvd. Suite 3
Albany, NY 12204

Envirospec Engineering Project E19-2103

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June 2018 Laboratory Analytical Data Reports
October 2018 Laboratory Analytical Data Reports

1.0 Maestri Site Certification

Maestri Site, Site Number 7-34-025
Town of Geddes, New York

Based on my review of the Periodic Review Report and my own observations and the observations of my staff while inspecting the site, I hereby certify on behalf of Stauffer Management Company LLC (SMC) that the site is compliant with the Site Management Plan.

- At the time of the inspection, the on-site institutional and engineering controls (ICs/ECs) are performing as designed and nothing has occurred that would impair the ability of the controls to continue to be protective of public health and environment.
- At the time of the inspection, nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan.
- Access to the site continues to be available to the site to evaluate the controls.
- The requirements of the Site Monitoring Plan are being met.
- The ICs/ECs identified for the site remain necessary for the continued effectiveness and protectiveness of the remedy.
- The Periodic Review Report and attachments (or the inspections/evaluations necessary to make this certification) were prepared under my direction and reviewed by me.

To the best of my knowledge, the conclusions described in this certification are in accordance with the requirements of the Site Management Plan and generally accepted engineering practices and the information presented is accurate and complete. Changes to the site conditions, discovery of undisclosed information, or changes in activities at this site since the last inspection may render this certification invalid. This report has been prepared solely for the use of Stauffer Management Company at the Maestri Site for compliance with NYSDEC required closure reporting protocols. Reliance by others is strictly prohibited. All assumptions, clarifications, observations, and representations stated in this report apply to this certification.


Signature

081422, New York
Professional Engineer Registration Number & State

Gianna M. Aiezza
Name

Principal Engineer
Title

Envirospec Engineering, PLLC
Company

1/30/19
Date

2.0 Introduction

Envirospec Engineering, PLLC (Envirospec) has prepared this Periodic Review Report (PRR) on behalf of Stauffer Management Company LLC (SMC) for the Maestri Site (Site), located in Geddes, NY. The purpose of this report is to summarize compliance with the Site Management Plan (SMP) and to provide the status of the Site Institutional Controls and Engineering Controls (ICs/ECs) for Periodic Review year 2018.

The Site has been remediated by SMC under Order on Consent Index # A7-0226-90-03 with the New York State Department of Environmental Conservation (NYSDEC). In the 1970s, drums containing industrial waste were allegedly buried at the Site. In 1987, the Site owner, Mr. Bert Maestri, reportedly excavated soil and drums from an area of the Site, leading to investigations to evaluate the environmental effects of the former waste disposal area. A combination of Soil Vapor Extraction (SVE) and biological treatment was chosen as the remedial technology for soil at the Site and a groundwater treatment system was constructed to remediate groundwater. The remedial action work began at the Site in June 1996 and was completed in May 2008. A SMP was approved by the NYSDEC in August 2010 and a Declaration of Covenants and Restrictions is currently in place. Since remaining residual soil and groundwater contamination are present at the Site, ICs/ECs have been implemented on the Site to protect public health and the environment for the applicable future use. The effectiveness of the Site IC/EC implementation and maintenance in 2014 is discussed throughout this report.

3.0 Site Overview

The Site is located at 904 State Fair Boulevard, Geddes, NY, approximately three (3) miles west of Syracuse. The portion of the Site that is still actively monitored is approximately 2.5 acres. The Site is bordered by State Fair Boulevard to the southwest and residences along Alhan Parkway to the northeast. Vacant, wooded lots border the Site to the northwest and the southeast. This area is fenced as shown in Drawing D-1.

3.1 Soil Remediation

Investigation into the extent of the environmental impacts at the Site began in 1987. The NYSDEC listed the Site on the NYS Registry of Inactive Hazardous Waste Disposal Sites as site #7-34-025 the same year. SMC conducted a remedial investigation and feasibility study to determine the nature and extent of contamination and to select a remedial technology for the Site. A combination of SVE and biological treatment was chosen as the most cost-effective remedy that was protective of human health and the environment. A Record of Decision (ROD) to

complete soil remediation at the Site was signed in March 1995.

Soil remediation activities began in June 1996 with the excavation of over 10,000 cubic yards of soil and the construction of five (5) above grade biopiles for treatment of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) with a SVE / bioremediation system. By September 1999, the last of the excavated material met the requirements of the ROD and was returned to the Site excavation, with the Site re-graded and seeded in October 1999. Soil Remedial Action Objectives are provided in Table 1.

3.2 Groundwater Remediation

A groundwater treatment system was constructed on-site in 1992 and operated until 2008. The system treated water from six (6) recovery wells, water collected from the soil excavation, and leachate accumulated from the biopiles during remedial activities. The water was treated with particulate filtration and carbon adsorption and was discharged under a State Pollution Discharge Elimination System (SPDES) equivalent permit to a storm sewer which discharged to Onondaga Lake. The groundwater treatment system was shut down in May 2008 after it had achieved remedial goals outlined in the ROD which required continued operation of the groundwater collection and treatment system with an annual evaluation until concentrations of Site contaminants could no longer be effectively removed or cleanup objectives were met. In order to address remaining groundwater contamination and to enhance groundwater remediation, a series of chemical oxidation events were completed in 2001, 2002, and 2004. Groundwater Remedial Action Objectives are provided in Table 2.

4.0 Institutional Controls and Engineering Controls

The SMP lists ICs and ECs to manage remaining contamination at the Site after completion of the Remedial Action and to protect human health and the environment for the applicable future use. The ICs and ECs are designed to prevent the following:

- Ingestion/direct contact with contaminated soil
- Inhalation of or exposure to contaminants volatilizing from contaminated soil
- Ingestion of groundwater with contaminant levels that exceed applicable drinking water standards
- Contact with or inhalation of volatiles from contaminated groundwater
- Contaminated groundwater from migrating off-site, and
- Migration of contaminants that would result in off-site groundwater or surface water contaminants.

The Site has the following ECs:

1. Maintenance of the soil cover over the soil redeposition areas, consisting of three (3) inches of loam, six (6) inches of top soil, and grass.
2. Continuous monitoring of groundwater.

The Site has the following ICs:

1. Compliance with the established Declaration of Covenants and Restrictions with all elements of the SMP.
2. Engineering Controls must be operated and maintained as specified in the SMP;
3. Engineering Controls on the Controlled Property must be inspected and certified at a frequency and in a manner defined in the SMP.
4. Groundwater monitoring must be performed as defined in the SMP.
5. Data and information pertinent to Site Management for the Controlled Property must be reported at the frequency and in a manner defined in the SMP.
6. On-Site environmental monitoring devices, including but not limited to, groundwater monitoring wells must be protected and replaced as necessary to ensure the devices function in the manner specified in the SMP.

Additionally, the Declaration of Covenants and Restrictions has placed the following restrictions on the property:

1. Vegetable gardens and farming on the property are prohibited;
2. Use of groundwater underlying the property is prohibited without treatment rendering it safe for the intended use as approved by NYSDOH;
3. The topsoil cover over the excavated areas acts as a cover system at the Controlled Property. Disturbance and incidental damage to this cover system shall be repaired upon discovery in a manner that complies with the SMP.
4. All future activities on the property that would disturb remaining contaminated material must be conducted in accordance with the Excavation Plan included in the SMP;
5. The potential for vapor intrusion must be evaluated for any buildings developed on the Site, and any potential impacts that are identified must be mitigated;
6. The property may be used for residential use with restricted groundwater use, provided that the long-term ICs/ECs described in the SMP are employed and land zoning regulations are followed.

4.1 Effectiveness of Institutional Controls and Engineering Controls

The ICs/ECs specified in the SMP are in place and effective in protecting human health and the environment. They are capable of preventing exposure of remaining contamination to humans and the environment and prevent migration of contaminants off-site. In 2016, the ECs were operated and maintained as specified in the SMP. The soil cover was maintained and the quality and integrity of the cover was inspected semiannually in 2016 as specified in the SMP. The 2018 Site inspection reports are provided in Appendix A. The groundwater monitoring continued semiannually in 2018 as specified in the SMP. The results of the groundwater monitoring are discussed in Section 4.2.

In addition to the ICs/ECs, a fence and locked gates prevent access to the Site.

4.2 Attaining Remedial Goals

Groundwater monitoring is in place to ensure that residual groundwater contamination is not migrating off-Site and to analyze the remaining levels of contamination in the groundwater, which is required for compliance with remedial goals. Of the ten (10) wells that were sampled in 2018, five (5) monitoring wells showed xylene concentrations above the 5 ppb standard during the June 2018 sampling event. Four (4) wells showed exceedances of the standard for xylene during the October 2018 sampling.

Appendix B contains a table with historical results and graphical representations of xylene levels in the monitoring wells. Drawings D-2 and D-3 shows historical xylene results. Groundwater sampling reports have been previously submitted and contain additional discussion of groundwater concentrations at the Site.

4.3 Annual Site Inspection Results

The results from the annual Site inspection show that the soil cover remains in place and intact and that the ICs/ECs continue to protect public health and the environment. The on-Site ICs /ECs remain in place, effective, and have not been impaired in their ability to protect human health and the environment. The Site is still accessible to evaluate the Site ICs/ECs. The Site continues to be compliant with the established Declaration of Covenants and Restrictions. The site inspection reports can be found in Appendix A.

4.4 Emerging Contaminants Sampling

At the request of NYSDEC, sampling for emerging contaminants, specifically PFAS and 1,4-

dioxane, was completed during the October 2018 sampling event. The results can be found in the Groundwater Monitoring Report for the October 2018 sampling event.

5.0 Summary of Site Evaluation

The Site is compliant with the ROD, as the soil contamination was treated, treated soil was redeposited and covered with a soil cover, the groundwater treatment plant was operated until the contaminants were no longer able to be effectively removed or cleanup objectives were met, and monitoring of the groundwater continues semi-annually.

The remaining Site contamination in groundwater is consistent with levels present prior to shutdown of the groundwater treatment system, as shown in the groundwater sampling report summaries attached in Appendix B and Drawings D-2 and D-3. The Site remedy and the SMP are effective in complying with cleanup objectives and continue to result in the Site being protective of public health and the environment.

TABLES

Table 1: Site Soil Remedial Action Objectives

Parameter	Soil Clean-up Objective (mg/kg, dry weight)
Volatile Organic Compounds (VOCs)	
Benzene	0.06
Ethylbenzene	5.5
t-1,2-dichloroethylene	0.3
Tetrachloroethylene	1.4
Toluene	1.5
Xylene	1.2
Total VOCs	10
Semi-Volatile Compounds (SVOCs)	
Benzoic acid	2.7
2-methylphenol	0.1
4-methylphenol	0.9
Total SVOCs	500

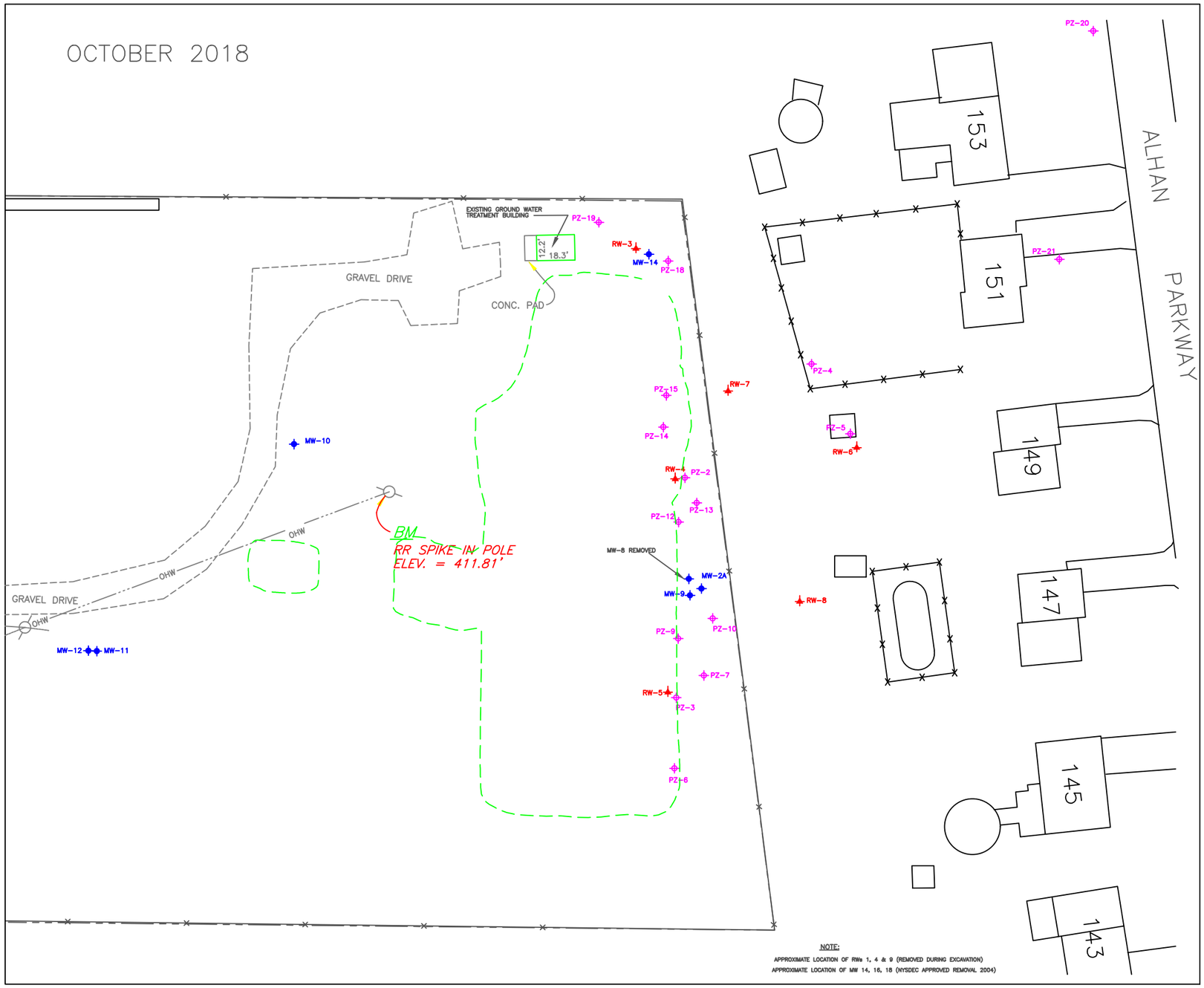
Table 2: Groundwater Remedial Action Objectives

Parameter	Groundwater Clean-up Objective (ug/l)
Volatile Organic Compounds (VOCs)	
Benzene	5
Ethylbenzene	5
t-1,2-dichloroethylene	5
Tetrachloroethylene	5
Toluene	5
Xylene	5
Total VOCs	100
Semi-Volatile Compounds (SVOCs)	
Benzoic acid	5
2-methylphenol	50
4-methylphenol	50

DRAWINGS

IMAGE	X-REF	OFFICE	DRAWN BY		REVISED		APPROVED BY		DRAWING NUMBER
---	---	ALB	DEO	7-19-99	LB	11-27-2017	---	---	OCTOBER 2018

OCTOBER 2018



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
- 16.6 PPB — XYLENE CONCENTRATION ABOVE REGULATORY STANDARD OF 5.0 PPB
- EXCAVATION AREA

SCALE
0 30 60 90 FEET

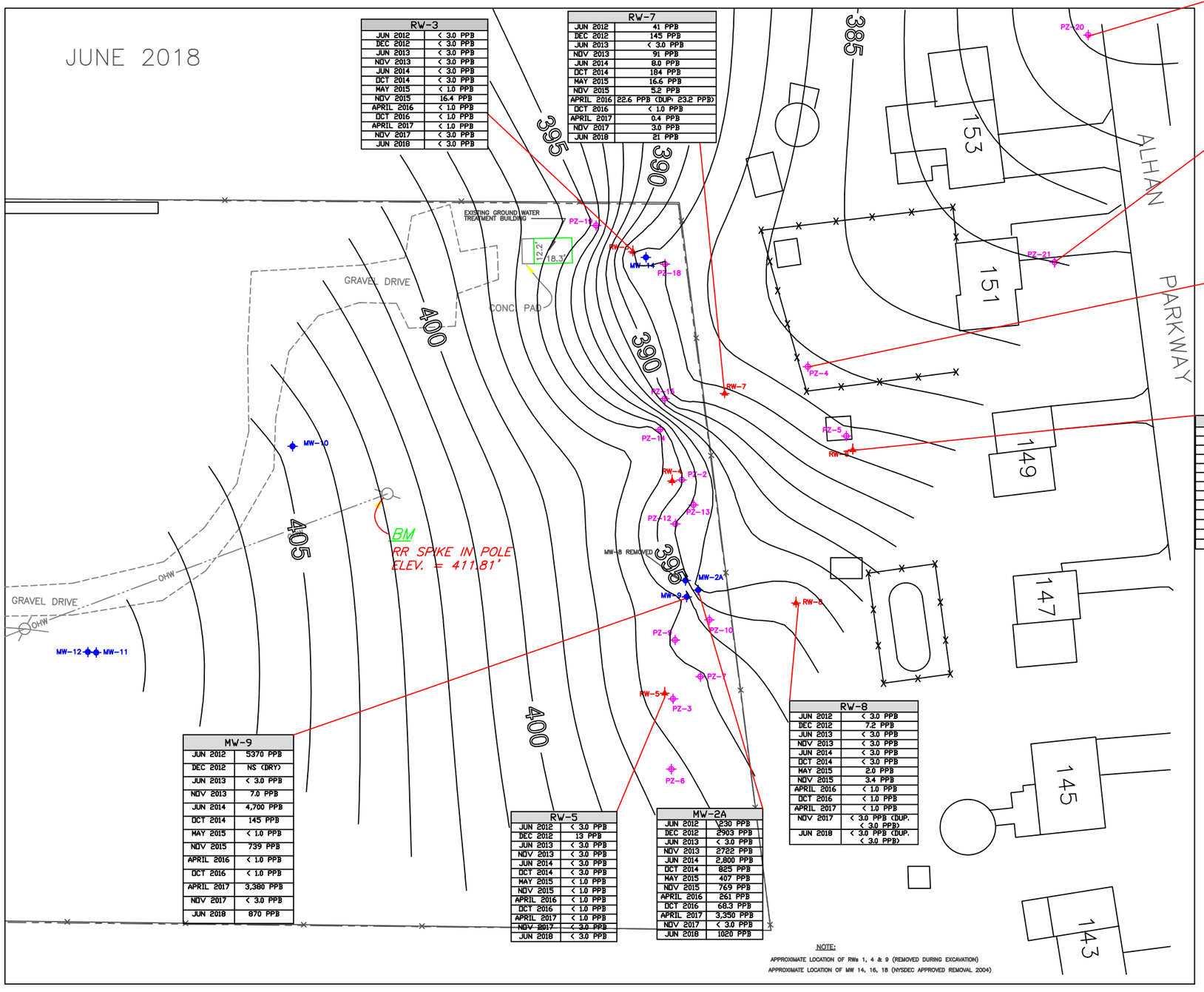
CLIENT
STAUFFER
MANAGEMENT COMPANY
BASE MAP PROVIDED BY IT CORPORATION
SURVEY BY CT MALE

D-1
SITE PLAN

MAESTRI SITE – OCTOBER 2018
904 STATE FAIR BLVD.
GEDDES, NEW YORK

IMAGE	X-REF	OFFICE	DRAWN BY	REVISED	APPROVED BY	DRAWING NUMBER
---	---	ALB	DEO 7-19-99	LB 07-19-2018	---	---

JUNE 2018



RW-3	
JUN 2012	< 3.0 PPB
DEC 2012	< 3.0 PPB
JUN 2013	< 3.0 PPB
NOV 2013	< 3.0 PPB
JUN 2014	< 3.0 PPB
OCT 2014	< 3.0 PPB
MAY 2015	< 1.0 PPB
NOV 2015	16.4 PPB
APRIL 2016	< 1.0 PPB
OCT 2016	< 1.0 PPB
APRIL 2017	< 1.0 PPB
NOV 2017	< 3.0 PPB
JUN 2018	< 3.0 PPB

RW-7	
JUN 2012	41 PPB
DEC 2012	145 PPB
JUN 2013	< 3.0 PPB
NOV 2013	91 PPB
JUN 2014	8.0 PPB
OCT 2014	184 PPB
MAY 2015	16.6 PPB
NOV 2015	5.2 PPB
APRIL 2016	22.6 PPB (DUP: 23.2 PPB)
OCT 2016	< 1.0 PPB
APRIL 2017	0.4 PPB
NOV 2017	3.0 PPB
JUN 2018	21 PPB

PZ-20	
JUN 2012	< 3.0 PPB
DEC 2012	< 3.0 PPB
JUN 2013	< 3.0 PPB
NOV 2013	< 3.0 PPB
JUN 2014	< 3.0 PPB
OCT 2014	< 3.0 PPB
MAY 2015	< 1.0 PPB
NOV 2015	< 1.0 PPB
APRIL 2016	< 1.0 PPB
OCT 2016	< 1.0 PPB
APRIL 2017	< 1.0 PPB
NOV 2017	< 3.0 PPB
JUN 2018	< 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 (DUP: < 1.0 PPB)
NOV 2015	< 1.0 PPB
APRIL 2016	< 1.0 PPB
OCT 2016	< 1.0 PPB
APRIL 2017	< 1.0 PPB (DUP: < 1.0 PPB)
NOV 2017	< 3.0 PPB
JUN 2018	< 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
OCT 2014	7.1 PPB
MAY 2015	5.3 PPB
NOV 2015	5.3 PPB
APRIL 2016	5.7 PPB
OCT 2016	4.3 PPB
APRIL 2017	6.4 PPB
NOV 2017	4.6 PPB
JUN 2018	10 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
JUN 2018	70 PPB

MW-9	
JUN 2012	5370 PPB
DEC 2012	NS (DRY)
JUN 2013	< 3.0 PPB
NOV 2013	7.0 PPB
JUN 2014	4,700 PPB
OCT 2014	145 PPB
MAY 2015	< 1.0 PPB
NOV 2015	739 PPB
APRIL 2016	< 1.0 PPB
OCT 2016	< 1.0 PPB
APRIL 2017	3,380 PPB
NOV 2017	< 3.0 PPB
JUN 2018	870 PPB

RW-5	
JUN 2012	< 3.0 PPB
DEC 2012	13 PPB
JUN 2013	< 3.0 PPB
NOV 2013	< 3.0 PPB
JUN 2014	< 3.0 PPB
OCT 2014	< 3.0 PPB
MAY 2015	< 1.0 PPB
NOV 2015	< 1.0 PPB
APRIL 2016	< 1.0 PPB
OCT 2016	< 1.0 PPB
APRIL 2017	< 1.0 PPB
NOV 2017	< 3.0 PPB
JUN 2018	< 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
OCT 2014	825 PPB
MAY 2015	407 PPB
NOV 2015	769 PPB
APRIL 2016	261 PPB
OCT 2016	68.3 PPB
APRIL 2017	3,350 PPB
NOV 2017	< 3.0 PPB
JUN 2018	1020 PPB

RW-8	
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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)
JUN 2018	< 3.0 PPB (DUP. < 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)

LEGEND

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

SCALE
0 30 60 90 FEET

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

D-2
HISTORICAL GROUNDWATER
XYLENE CONCENTRATION SUMMARY
MAESTRI SITE – JUNE 2018
904 STATE FAIR BLVD.
GEDDES, NEW YORK

IMAGE	X-REF	OFFICE	DRAWN BY		APPROVED BY		DRAWING NUMBER
---	---	ALB	DEO	7-19-99	---	---	OCTOBER 2018
			REVISED	KF	12-10-2018		

OCTOBER 2018

RW-3	
JUN 2012	< 3.0 PPB
DEC 2012	< 3.0 PPB
JUN 2013	< 3.0 PPB
NOV 2013	< 3.0 PPB
JUN 2014	< 3.0 PPB
OCT 2014	< 3.0 PPB
MAY 2015	< 1.0 PPB
NOV 2015	16.4 PPB
APRIL 2016	< 1.0 PPB
OCT 2016	< 1.0 PPB
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NOV 2017	< 3.0 PPB
JUN 2018	< 3.0 PPB
OCT 2018	< 1.0 PPB

RW-7	
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JUN 2013	< 3.0 PPB
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MAY 2015	16.6 PPB
NOV 2015	5.2 PPB
APRIL 2016	22.6 PPB (DUP. 23.2 PPB)
OCT 2016	< 1.0 PPB
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NOV 2017	3.0 PPB
JUN 2018	21 PPB
OCT 2018	13 PPB

PZ-20	
JUN 2012	< 3.0 PPB
DEC 2012	< 3.0 PPB
JUN 2013	< 3.0 PPB
NOV 2013	< 3.0 PPB
JUN 2014	< 3.0 PPB
OCT 2014	< 3.0 PPB
MAY 2015	< 1.0 PPB
NOV 2015	< 1.0 PPB
APRIL 2016	< 1.0 PPB
OCT 2016	< 1.0 PPB
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NOV 2017	< 3.0 PPB
JUN 2018	< 3.0 PPB
OCT 2018	< 1.0 PPB

PZ-21	
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DEC 2012	< 3.0 PPB
JUN 2013	< 3.0 PPB
NOV 2013	< 3.0 PPB
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MAY 2015	< 1.0 PPB (DUP. < 1.0 PPB)
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APRIL 2016	< 1.0 PPB
OCT 2016	< 1.0 PPB
APRIL 2017	< 1.0 PPB (DUP. < 1.0 PPB)
NOV 2017	< 3.0 PPB
JUN 2018	< 3.0 PPB
OCT 2018	< 1.0 PPB

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NOV 2013	4.9 PPB
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JUN 2018	10 PPB
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RW-6	
JUN 2012	622 PPB
DEC 2012	511 PPB
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NOV 2015	739 PPB
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OCT 2016	< 1.0 PPB
APRIL 2017	3,380 PPB
NOV 2017	< 3.0 PPB
JUN 2018	870 PPB
OCT 2018	410 PPB

RW-5	
JUN 2012	< 3.0 PPB
DEC 2012	13 PPB
JUN 2013	< 3.0 PPB
NOV 2013	< 3.0 PPB
JUN 2014	< 3.0 PPB
OCT 2014	< 3.0 PPB
MAY 2015	< 1.0 PPB
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APRIL 2016	< 1.0 PPB
OCT 2016	< 1.0 PPB
APRIL 2017	< 1.0 PPB
NOV 2017	< 3.0 PPB
JUN 2018	< 3.0 PPB
OCT 2018	< 1.0 PPB

MW-2A	
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DEC 2012	2903 PPB
JUN 2013	< 3.0 PPB
NOV 2013	2722 PPB
JUN 2014	2,800 PPB
OCT 2014	825 PPB
MAY 2015	407 PPB
NOV 2015	769 PPB
APRIL 2016	261 PPB
OCT 2016	68.3 PPB
APRIL 2017	3,350 PPB
NOV 2017	< 3.0 PPB
JUN 2018	1020 PPB
OCT 2018	170 PPB (DUP. 160 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)
JUN 2018	< 3.0 PPB (DUP. < 3.0 PPB)
OCT 2018	< 1.0 PPB

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

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

SCALE
0 30 60 90 FEET

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

D-3
HISTORICAL GROUNDWATER
XYLENE CONCENTRATION SUMMARY
MAESTRI SITE – OCTOBER 2018
904 STATE FAIR BLVD.
GEDDES, NEW YORK

APPENDIX A

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

Date: 6/14/18
Time: 4:30

Site Inspection Report

Weather	Temperature
Cloudy, windy	High 66°F, Low 53°F

Client	Stauffer Management Company LLC	Project No.	E18-1803
Location	Maestri Site, 904 State Fair Blvd, Geddes, NY	Inspected By:	Kasey F. + Dan B.

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

Site Security	Circle one			Comments/Action Required
1. Was gate closed and locked when arriving at site?	(Y)	N	NA	
2. Are there any holes or breaks in the fencing?	Y	(N)	NA	
3. Was the door to the treatment shed locked?	(Y)	N	NA	
4. Is the back gate closed and locked?	(Y)	N	NA	
5. Are there any signs of vandalism or unauthorized entry (odd tire tracks, damage to fence, strange debris [bottles, cans, etc])?	Y	(N)	NA	
5a. If so, explain below and notify SMC and Envirospec immediately				
Wells				
6. Are wells intact? *(except PZ-10 which has been damaged)*	Y	(N)	NA	RW-5 is damaged
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	Along fence
12. Do any areas need to be weeded or shrub cleared?	Y	(N)	NA	
13. Are there any bald spots in grassy areas?	Y	(N)	NA	
14. Are the access roads clear?	Y	(N)	NA	Large pothole w/ pallet covering it on main road
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	
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
25a. If not, contact Envirospec or SMC immediately and check that effluent valve is closed. *Still pumping from RW 5, 6 and 8.*				
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)	Computer doesn't work
27a. If so, describe below how they have been handled. *(this does not include well level alarms)*				
28. Are all flow values on computer "zero"?	Y	N	(NA)	
("Flow to sewer," "Tot flow to sewer," "tot daily flow," and "TGAL" for each well should each be "zero")				
28. Check level of sump. Does sump need to be pumped out?	Y	(N)	NA	
29. List water level for each recovery well as shown on computer: (total depth of well is shown in brackets)				

RW-7 [27.5']	N/A	RW-5 [24.5']	N/A
RW-2 (not online)	N/A	RW-8 [24.5']	N/A
RW-3 [25.3']	N/A	RW-6 [21.8']	N/A

30. Are any recovery wells at close to overtopping? (ref total depth above)	Y	(N)	NA	
Upon leaving the site, check the following;				
31. Is the treatment shed locked?	(Y)	N	NA	
32. Were the gates closed and locked after leaving site?	(Y)	N	NA	

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

Signature of Inspector: Kasey French

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

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

Date: 6/14/18
Time: 4:30

Site Inspection Report

Continuation Page(s)

Client	Stauffer Management Company LLC	Project No.	E18-1803
Location	Maestri Site, 904 State Fair Blvd, Geddes, NY	Inspected By:	Kasey F. + Dan B.

General Site Observations:

NA

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

A light has fallen from the ceiling and is hanging by a wire. Replace light fixture or reattach to ceiling.

RW-5 pump no longer functioning. It appears a wire got cut by the well when the property was mowed.

Signature of Inspector: Kasey Francis

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

Date: 10/25/2018
Time: 4:30 PM

Site Inspection Report

Weather	Temperature
Cloudy	High 40ºF Low 30 ºF

Client	Stauffer Management Company LLC	Project No.	E18-1803
Location	Maestri Site, 904 State Fair Blvd, Geddes, NY	Inspected By:	Kasey French

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

Site Security	*Circle one*			Comments/Action Required
1. Was gate closed and locked when arriving at site?	(Y)	N	NA	
2. Are there any holes or breaks in the fencing?	Y	(N)	NA	
3. Was the door to the treatment shed locked?	(Y)	N	NA	
4. Is the back gate closed and locked?	(Y)	N	NA	
5. Are there any signs of vandalism or unauthorized entry (odd tire tracks, damage to fence, strange debris [bottles, cans, etc])?	Y	(N)	NA	
5a. If so, explain below and notify SMC and Envirospec immediately				
Wells				
6. Are wells intact? *(except PZ-10 which has been damaged)*	Y	(N)	NA	Removed broken pump from RW-5
7. Are all wells covered (with lid or cap)? *(except wells noted below)*	Y	(N)	NA	See next page
8. Are all wells locked? *(except wells noted below)*	Y	(N)	NA	See next page
Site Maintenance				
9. Is there any garbage or debris? If so, please remove/discard.	Y	(N)	NA	
10. Is there visible dust?	Y	(N)	NA	
11. Does the grass need to be mowed?	Y	(N)	NA	
12. Do any areas need to be weeded or shrub cleared?	Y	(N)	NA	
13. Are there any bald spots in grassy areas?	Y	(N)	NA	
14. Are the access roads clear?	(Y)	N	NA	
15. Do any areas (site roads or access to wells) need to be plowed?	Y	(N)	NA	
16. Are there any sink holes throughout the site?	Y	(N)	NA	
17. Any odors onsite?	Y	(N)	NA	
18. Are site signs still up and visible?	(Y)	N	NA	
Erosion Control				
19. Is silt fence still intact and upright?	Y	(N)	NA	
19a. If areas need repair or erosion control installed, indicate below and contact Abscope for repairs.				
20. Is there any evidence of runoff? (i.e. water flow paths on ground)	Y	(N)	NA	
21. Is there any standing, ponded, or pools of water?	Y	(N)	NA	
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)	Changed due to sump emptying
25a. If not, contact Envirospec or SMC immediately and check that effluent valve is closed. *Still pumping from RW 5, 6 and 8.*				
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)	Computer not working
27a. If so, describe below how they have been handled. *(this does not include well level alarms)*				
28. Are all flow values on computer "zero"?	Y	N	(NA)	
("Flow to sewer," "Tot flow to sewer," "tot daily flow," and "TGAL" for each well should each be "zero")				
28. Check level of sump. Does sump need to be pumped out?	Y	(N)	NA	
29. List water level for each recovery well as shown on computer: (total depth of well is shown in brackets)				

RW-7 [27.5']	N/A	RW-5 [24.5']	N/A
RW-2 (not online)	N/A	RW-8 [24.5']	N/A
RW-3 [25.3']	N/A	RW-6 [21.8']	N/A

30. Are any recovery wells at close to overtopping? (ref total depth above)	Y	(N)	NA	
Upon leaving the site, check the following;				
31. Is the treatment shed locked?	(Y)	N	NA	
32. Were the gates closed and locked after leaving site?	(Y)	N	NA	

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

Signature of Inspector:

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

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

Date: 10/25/2018

Time: 4:30PM

Site Inspection Report

Continuation Page(s)

Client	Stauffer Management Company LLC	Project No.	E18-1803
Location	Maestri Site, 904 State Fair Blvd, Geddes, NY	Inspected By:	Kasey French

General Site Observations:

PZ-9 does not have a lock.

RW-7 and RW-8's casing caps are damaged. Locks are ineffective.

Pumps for RW-5 were discovered to be broken at last sampling event. The pump was removed from the well before this sampling event. The broken pump was placed inside the pump house.

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

Light fixture in pump house is broken and dangling from the ceiling (safety hazard).

Signature of Inspector:

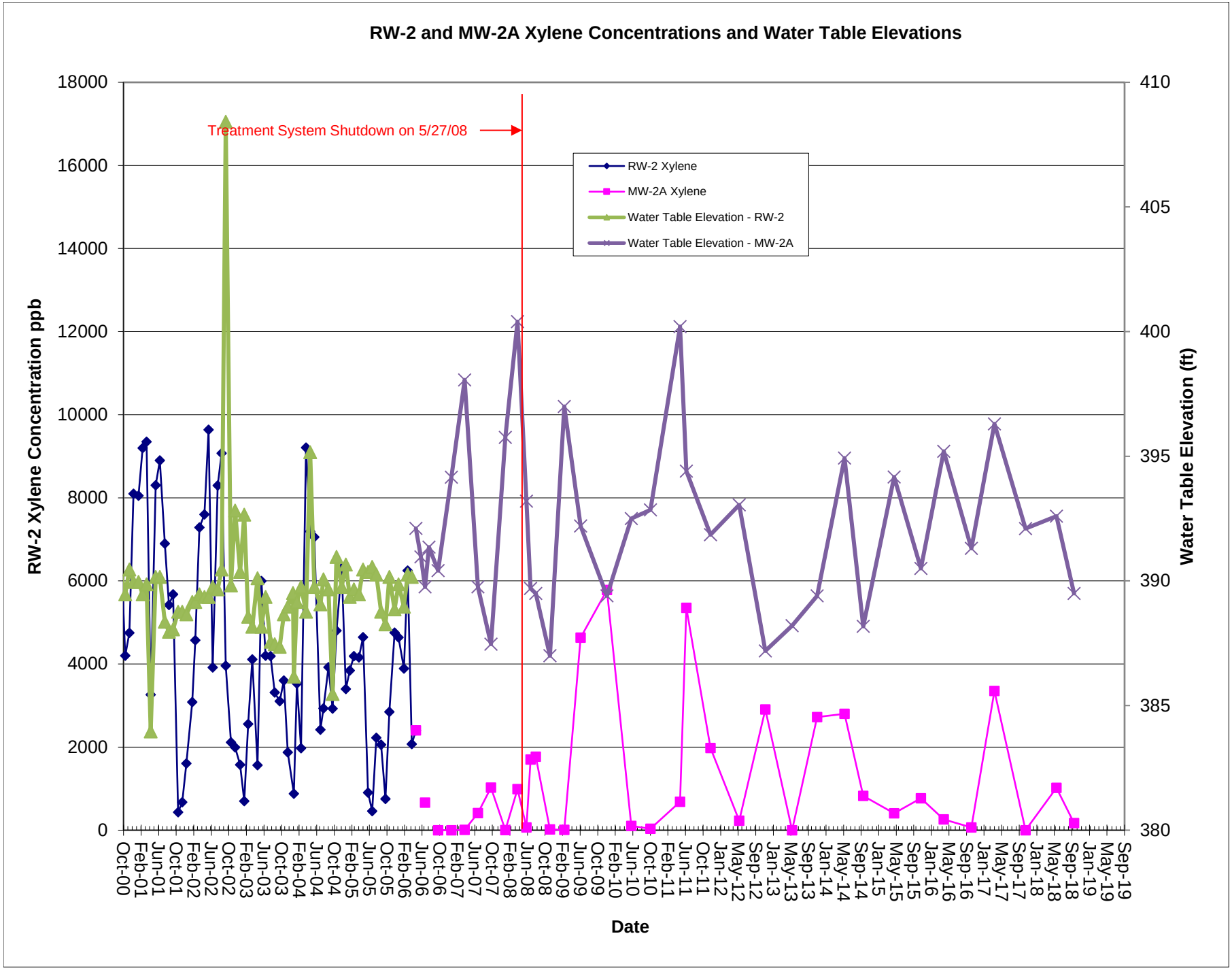
APPENDIX B

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
Jun-18	**	**	<3.0	**	<3.0	70	21	<3.0 (<3.0)	1020	870	10	<3.0	<3.0
Oct-18	**	****	<1.0	**	<1.0	150	13	<1.0	170 (160)	410	4.5	<1.0	<1.0

Shaded boxes indciate result when treatment system was in operatior
** - 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 resul


RW-2 and MW-2A Xylene Concentrations and Water Table Elevations
Treatment System Shutdown on 5/27/08
RW-2 Xylene
MW-2A Xylene
Water Table Elevation - RW-2
Water Table Elevation - MW-2A
RW-2 Xylene Concentration ppb
Water Table Elevation (ft)
Date
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
410
405
400
395
390
385
380
Oct-00
Feb-01
Jun-01
Oct-01
Feb-02
Jun-02
Oct-02
Feb-03
Jun-03
Oct-03
Feb-04
Jun-04
Oct-04
Feb-05
Jun-05
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Jan-12
May-12
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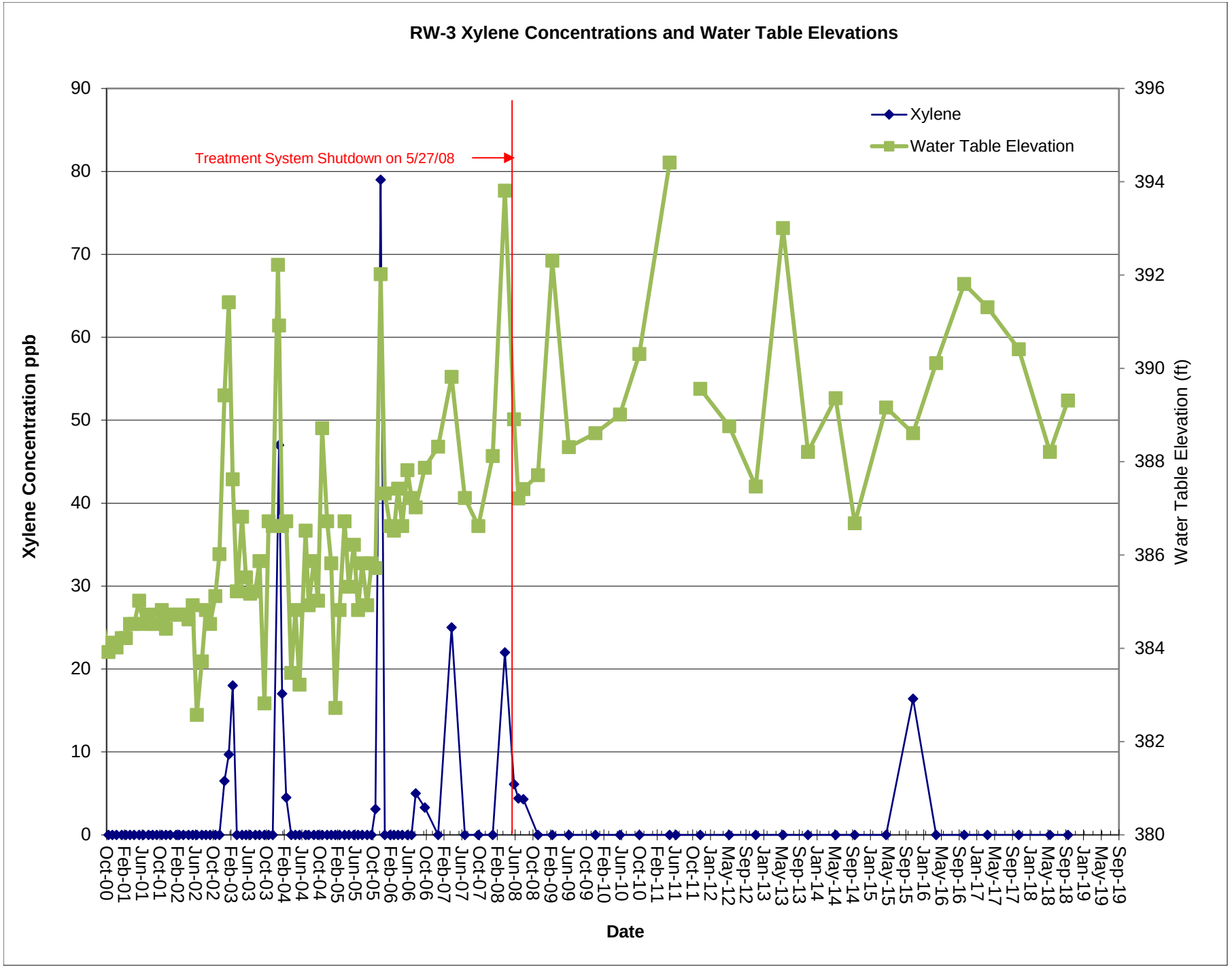
Sep-18
Jan-19
May-19
Sep-19


RW-3 Xylene Concentrations and Water Table Elevations
Xylene
Water Table Elevation
Treatment System Shutdown on 5/27/08
Xylene Concentration ppb
Water Table Elevation (ft)
Date
0
10
20
30
40
50
60
70
80
90
380
382
384
386
388
390
392
394
396
Oct-00
Feb-01
Jun-01
Oct-01
Feb-02
Jun-02
Oct-02
Feb-03
Jun-03
Oct-03
Feb-04
Jun-04
Oct-04
Feb-05
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Jan-12
May-12
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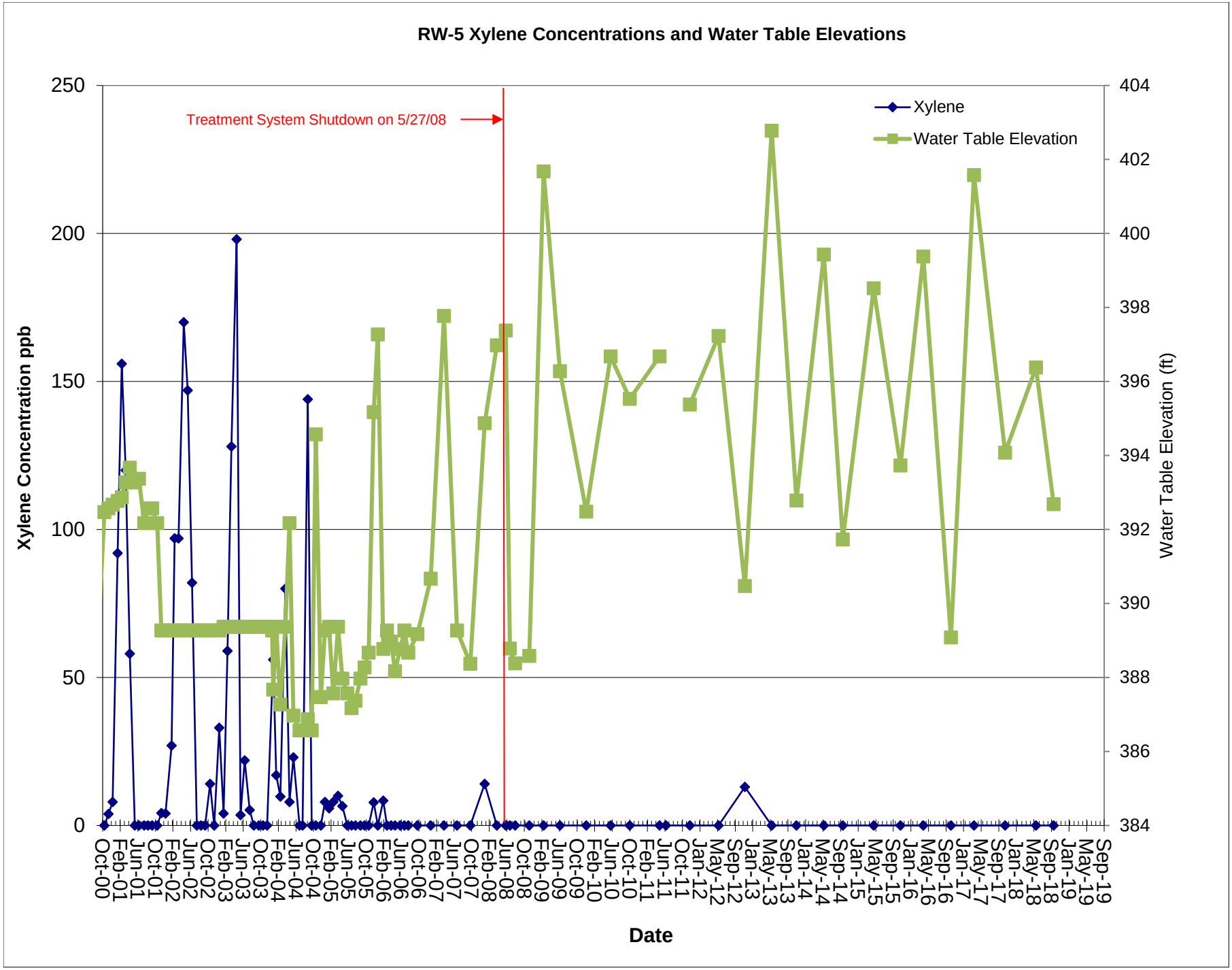
May-18
Sep-18
Jan-19
May-19
Sep-19


RW-5 Xylene Concentrations and Water Table Elevations
Treatment System Shutdown on 5/27/08
Xylene
Water Table Elevation
Xylene Concentration ppb
Water Table Elevation (ft)
Date
250
200
150
100
50
0
404
402
400
398
396
394
392
390
388
386
384
Oct-00
Feb-01
Jun-01
Oct-01
Feb-02
Jun-02
Oct-02
Feb-03
Jun-03
Oct-03
Feb-04
Jun-04
Oct-04
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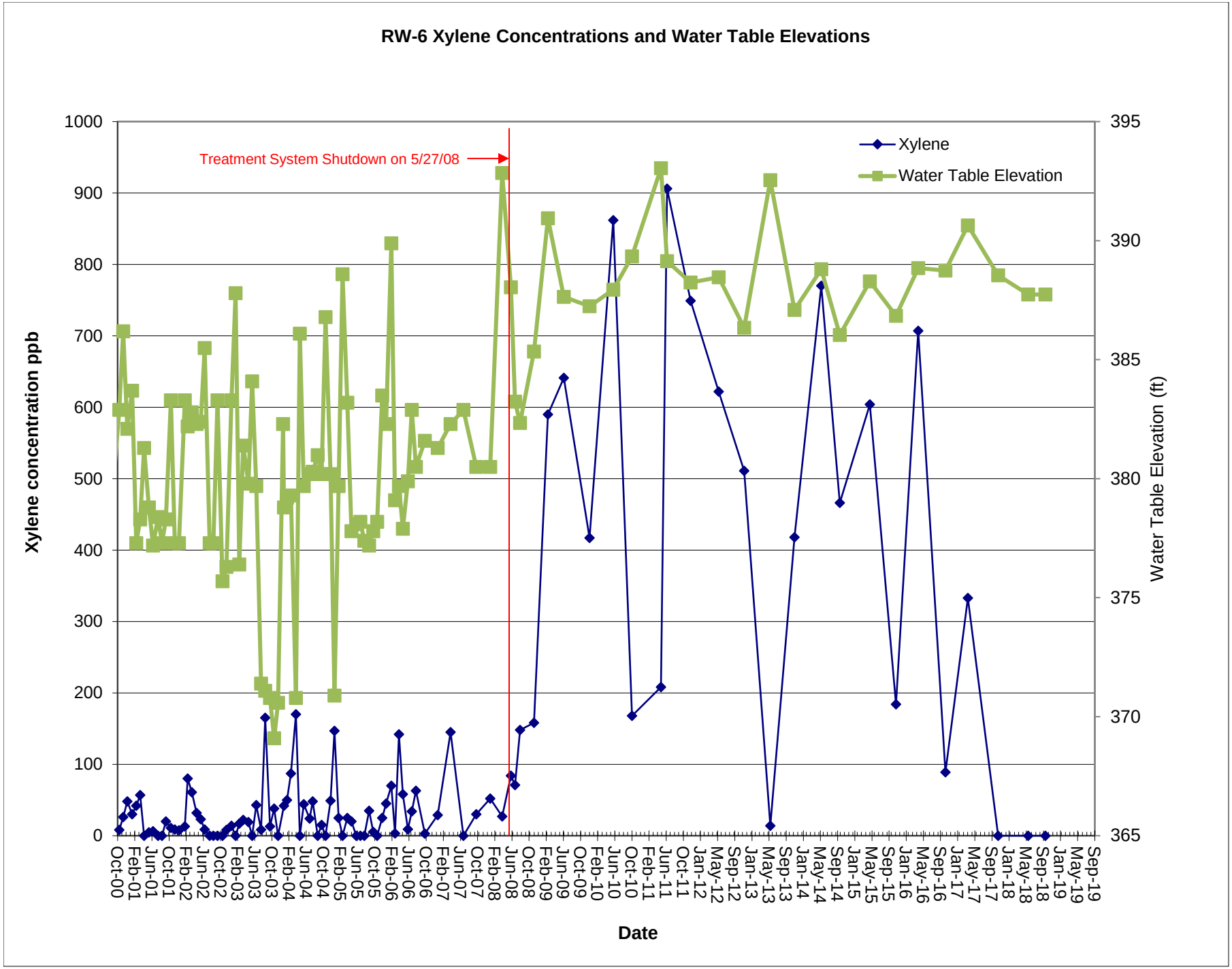
Jan-19
May-19
Sep-19


RW-6 Xylene Concentrations and Water Table Elevations
Treatment System Shutdown on 5/27/08
Xylene
Water Table Elevation
Xylene concentration ppb
Water Table Elevation (ft)
Date
0
100
200
300
400
500
600
700
800
900
1000
365
370
375
380
385
390
395
Oct-00
Feb-01
Jun-01
Oct-01
Feb-02
Jun-02
Oct-02
Feb-03
Jun-03
Oct-03
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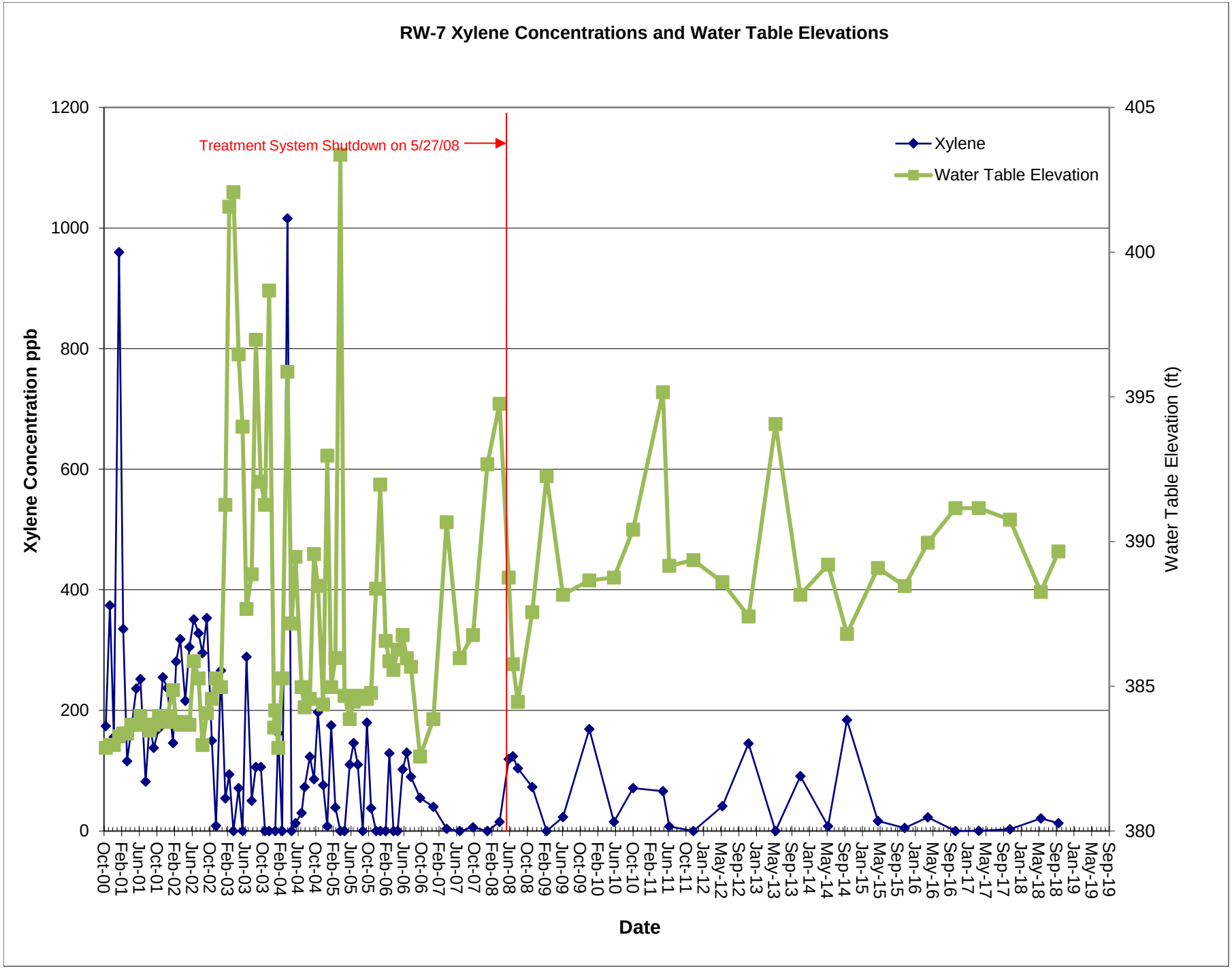
Jan-19
May-19
Sep-19


RW-7 Xylene Concentrations and Water Table Elevations
Treatment System Shutdown on 5/27/08
Xylene
Water Table Elevation
Xylene Concentration ppb
Water Table Elevation (ft)
Date
0
200
400
600
800
1000
1200
380
385
390
395
400
405
Oct-00
Feb-01
Jun-01
Oct-01
Feb-02
Jun-02
Oct-02
Feb-03
Jun-03
Oct-03
Feb-04
Jun-04
Oct-04
Feb-05
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Feb-11
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Oct-11
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May-12
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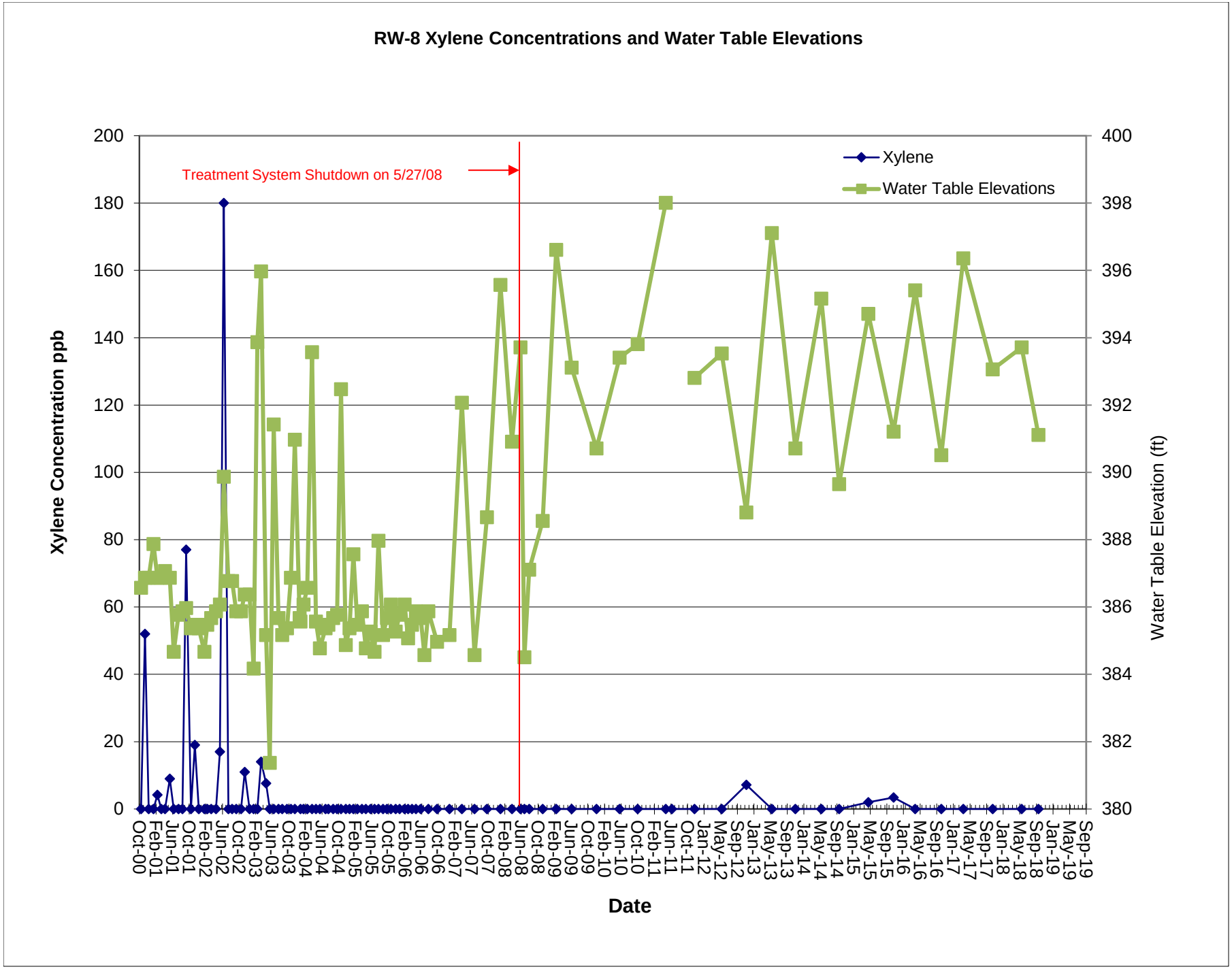
Jan-19
May-19
Sep-19


RW-8 Xylene Concentrations and Water Table Elevations
Treatment System Shutdown on 5/27/08
Xylene
Water Table Elevations
Xylene Concentration ppb
Water Table Elevation (ft)
Date
200
180
160
140
120
100
80
60
40
20
0
400
398
396
394
392
390
388
386
384
382
380
Oct-00
Feb-01
Jun-01
Oct-01
Feb-02
Jun-02
Oct-02
Feb-03
Jun-03
Oct-03
Feb-04
Jun-04
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Jun-08
Oct-08
Feb-09
Jun-09
Oct-09
Feb-10
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Jan-12
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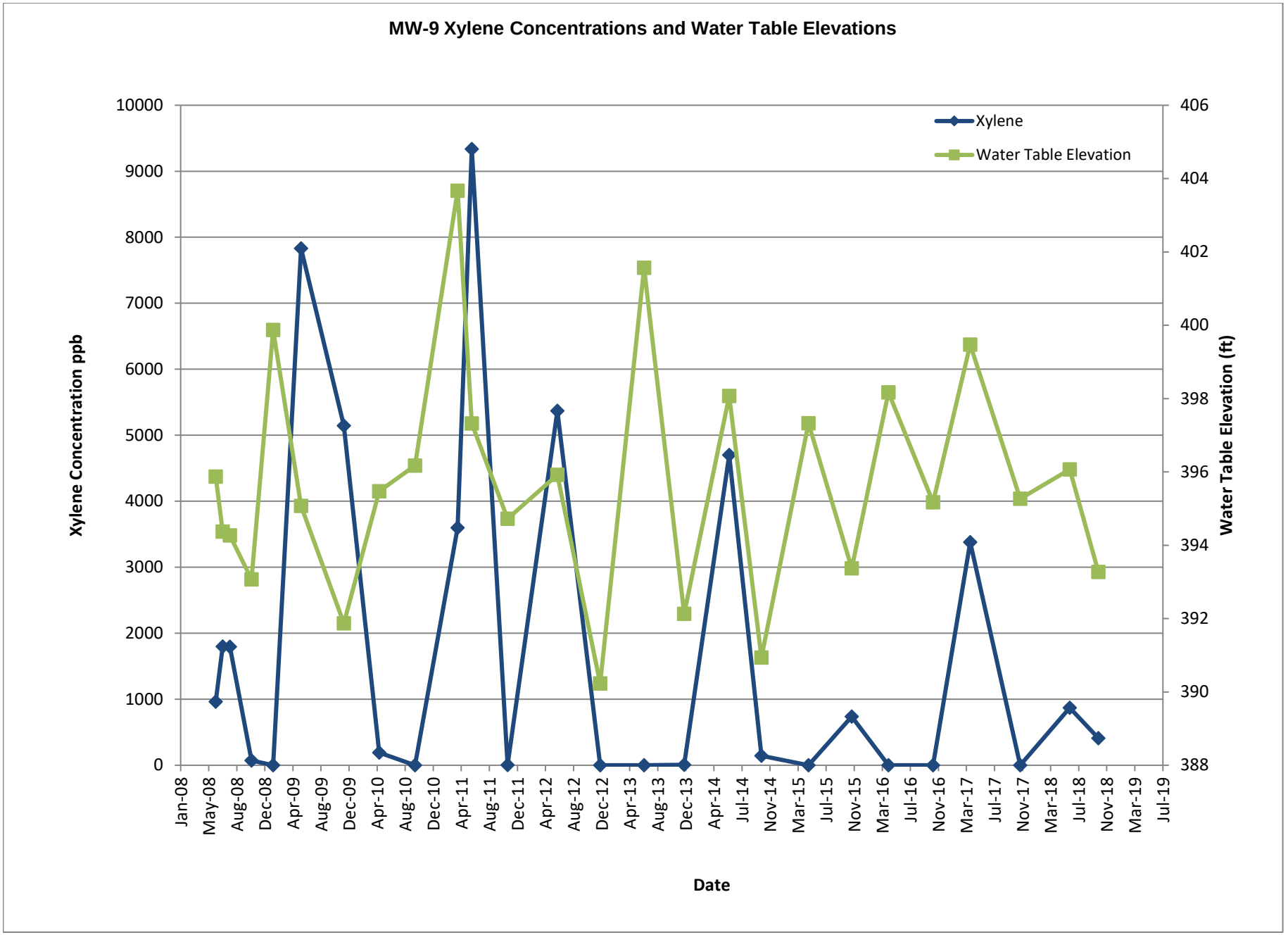
Jan-18
May-18
Sep-18
Jan-19
May-19
Sep-19


MW-9 Xylene Concentrations and Water Table Elevations
Xylene
Water Table Elevation
Xylene Concentration ppb
Water Table Elevation (ft)
Date
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
406
404
402
400
398
396
394
392
390
388
Jan-08
May-08
Aug-08
Dec-08
Apr-09
Aug-09
Dec-09
Apr-10
Aug-10
Dec-10
Apr-11
Aug-11
Dec-11
Apr-12
Aug-12
Dec-12
Apr-13
Aug-13
Dec-13
Apr-14
Jul-14
Nov-14
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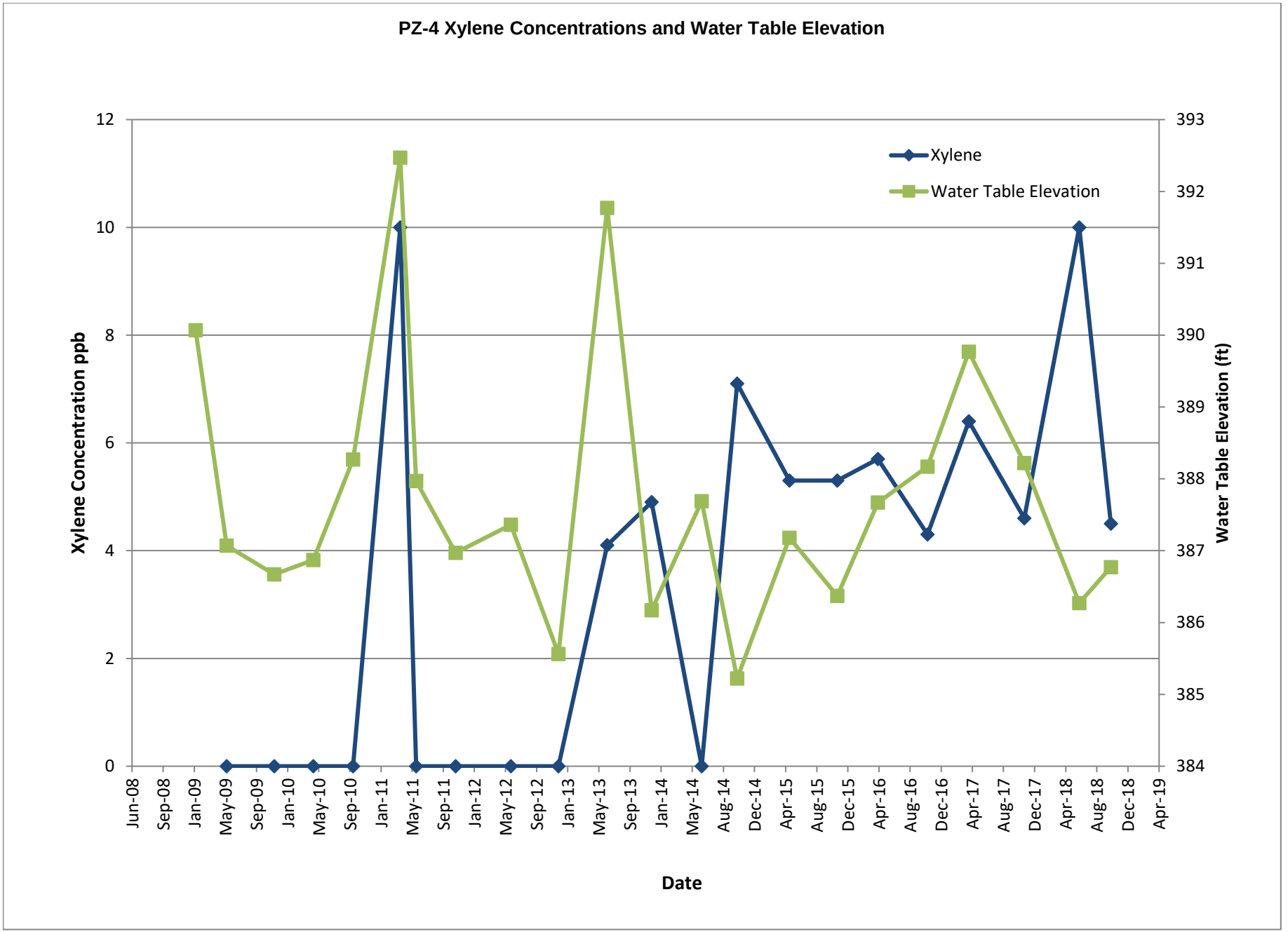
Nov-18
Mar-19
Jul-19


PZ-4 Xylene Concentrations and Water Table Elevation
Xylene
Water Table Elevation
Xylene Concentration ppb
Water Table Elevation (ft)
Date
0
2
4
6
8
10
12
384
385
386
387
388
389
390
391
392
393
Jun-08
Sep-08
Jan-09
May-09
Sep-09
Jan-10
May-10
Sep-10
Jan-11
May-11
Sep-11
Jan-12
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Sep-12
Jan-13
May-13
Sep-13
Jan-14
May-14
Aug-14
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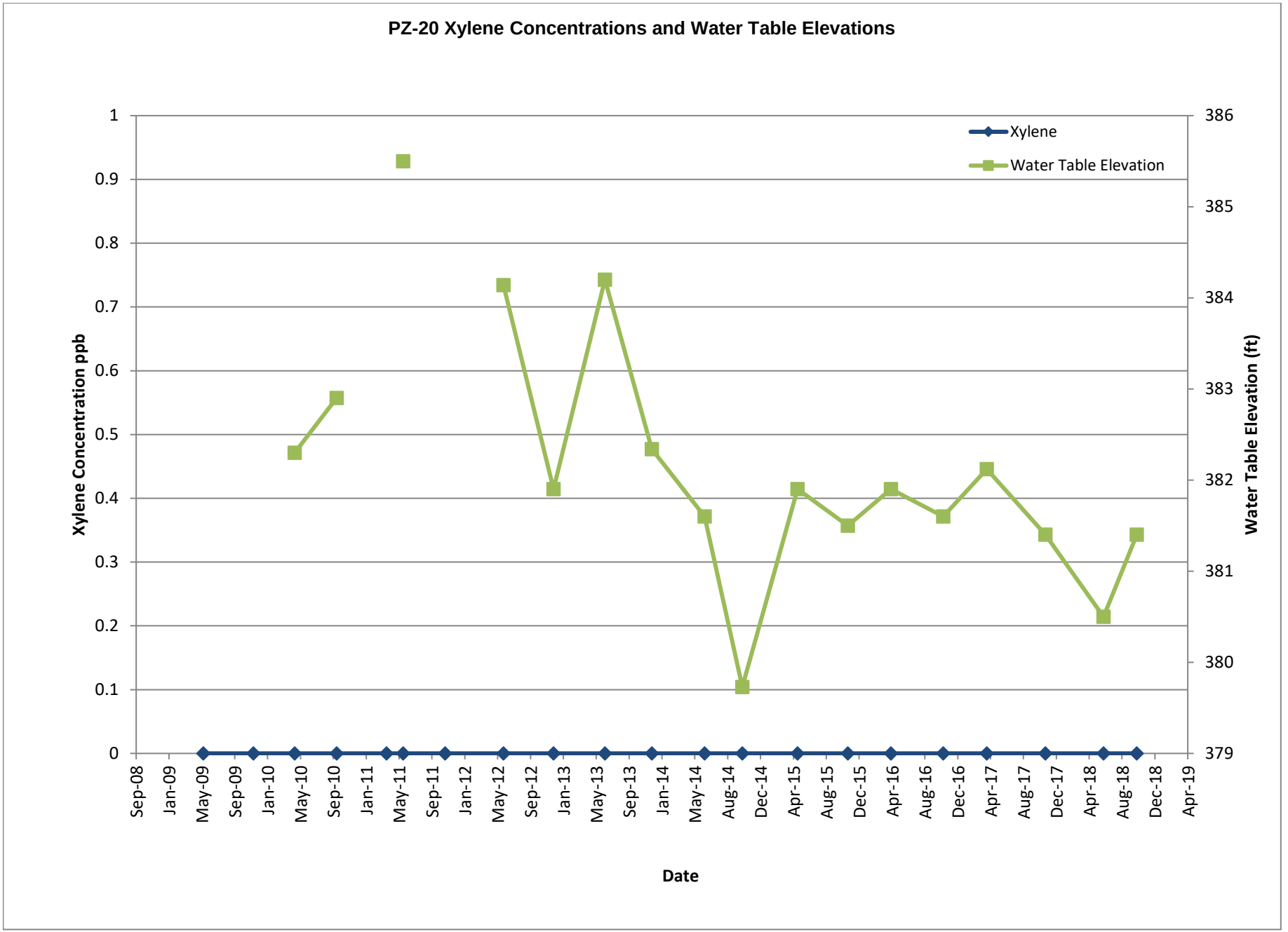
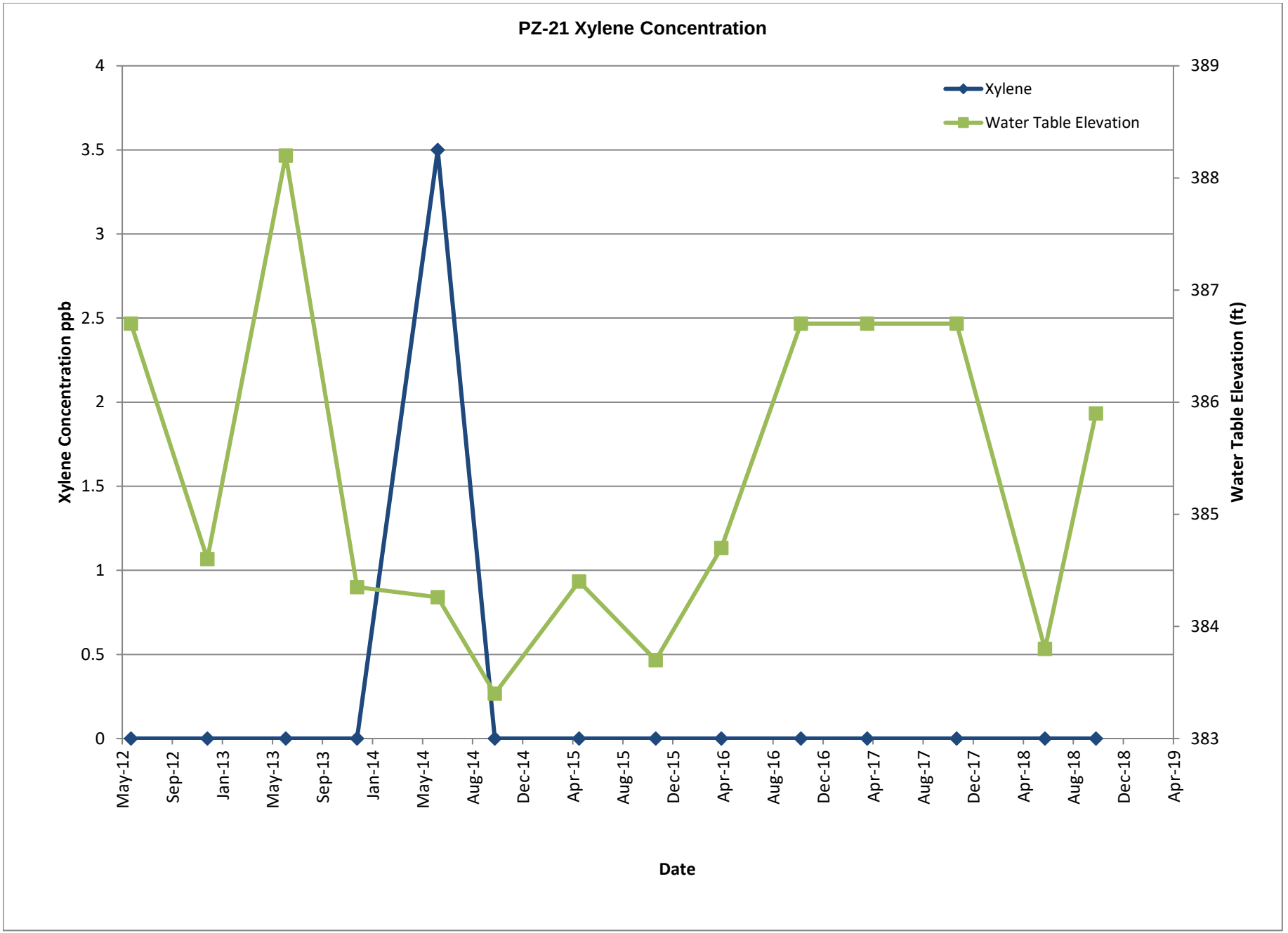
Dec-18
Apr-19


PZ-20 Xylene Concentrations and Water Table Elevations
Xylene
Water Table Elevation
Xylene Concentration ppb
Water Table Elevation (ft)
Date
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
386
385
384
383
382
381
380
379
Sep-08
Jan-09
May-09
Sep-09
Jan-10
May-10
Sep-10
Jan-11
May-11
Sep-11
Jan-12
May-12
Sep-12
Jan-13
May-13
Sep-13
Jan-14
May-14
Aug-14
Dec-14
Apr-15
Aug-15
Dec-15
Apr-16
Aug-16
Dec-16
Apr-17
Aug-17
Dec-17
Apr-18
Aug-18
Dec-18
Apr-19


PZ-21 Xylene Concentration
Xylene
Water Table Elevation
Xylene Concentration ppb
Water Table Elevation (ft)
Date
0
0.5
1
1.5
2
2.5
3
3.5
4
383
384
385
386
387
388
389
May-12
Sep-12
Jan-13
May-13
Sep-13
Jan-14
May-14
Aug-14
Dec-14
Apr-15
Aug-15
Dec-15
Apr-16
Aug-16
Dec-16
Apr-17
Aug-17
Dec-17
Apr-18
Aug-18
Dec-18
Apr-19

APPENDIX C

Certified Environmental 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: Maestri 2018
DATE: 06/28/2018

SAMPLE NUMBER- 765530 SAMPLE ID- RW-5
DATE SAMPLED- 06/14/18
DATE RECEIVED- 06/14/18 SAMPLER- Dan B. & Kasey F.
TIME RECEIVED- 1700 DELIVERED BY- Kasey French

SAMPLE MATRIX- WW
TIME SAMPLED- 1509
RECEIVED BY- SB
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		06/14/18		SB	11.2	Degrees C
Sample Receipt Temperature		06/14/18		SB	Sample Rec.On Ice	
Total Xylenes	EPA 624	06/21/18		RRB	< 3.0	ug/L

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

Rachel R. Bonczyk
Technical Director

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) -	97 % REC
Toluene-d8 (75-125) -	97 % REC
4-Bromofluorobenzene (75-125) -	105 % REC

Certified Environmental Services, Inc.

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REPORT OF ANALYSES

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

PROJECT NAME: Maestri 2018
DATE: 06/28/2018

SAMPLE NUMBER- 765531 SAMPLE ID- RW-6
DATE SAMPLED- 06/14/18
DATE RECEIVED- 06/14/18 SAMPLER- Dan B. & Kasey F.
TIME RECEIVED- 1700 DELIVERED BY- Kasey French

SAMPLE MATRIX- WW
TIME SAMPLED- 1408
RECEIVED BY- SB
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		06/14/18		SB	11.2	Degrees C
Sample Receipt Temperature		06/14/18		SB	Sample Rec.On Ice	
Total Xylenes	EPA 624	06/21/18		RRB	70	ug/L

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

Rachel R. Bonczyk
Technical Director

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130)	-	95 % REC
Toluene-d8 (75-125)	-	96 % REC
4-Bromofluorobenzene (75-125)	-	102 % REC

Certified Environmental Services, Inc.

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REPORT OF ANALYSES

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

PROJECT NAME: Maestri 2018
DATE: 06/28/2018

SAMPLE NUMBER- 765532 SAMPLE ID- MW-9
DATE SAMPLED- 06/14/18
DATE RECEIVED- 06/14/18 SAMPLER- Dan B. & Kasey F.
TIME RECEIVED- 1700 DELIVERED BY- Kasey French

SAMPLE MATRIX- WW
TIME SAMPLED- 1242
RECEIVED BY- SB
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		06/14/18		SB	11.2	Degrees C
Sample Receipt Temperature		06/14/18		SB	Sample Rec.On Ice	
Total Xylenes	EPA 624	06/25/18		RRB	870	ug/L

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

Rachel R. Bonczyk
Technical Director

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) -	96 % REC
Toluene-d8 (75-125) -	101 % REC
4-Bromofluorobenzene (75-125) -	105 % REC

Certified Environmental Services, Inc.

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REPORT OF ANALYSES

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

PROJECT NAME: Maestri 2018
DATE: 06/28/2018

SAMPLE NUMBER- 765533 SAMPLE ID- PZ-4
DATE SAMPLED- 06/14/18
DATE RECEIVED- 06/14/18 SAMPLER- Dan B. & Kasey F.
TIME RECEIVED- 1700 DELIVERED BY- Kasey French

SAMPLE MATRIX- WW
TIME SAMPLED- 1142
RECEIVED BY- SB
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		06/14/18		SB	11.2	Degrees C
Sample Receipt Temperature		06/14/18		SB	Sample Rec.On Ice	
Total Xylenes	EPA 624	06/20/18		RRB	10	ug/L

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

Rachel R. Bonczyk
Technical Director

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130)	-	99 % REC
Toluene-d8 (75-125)	-	97 % REC
4-Bromofluorobenzene (75-125)	-	104 % REC

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REPORT OF ANALYSES

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

PROJECT NAME: Maestri 2018
DATE: 06/28/2018

SAMPLE NUMBER- 765534 SAMPLE ID- PZ-21
DATE SAMPLED- 06/14/18
DATE RECEIVED- 06/14/18 SAMPLER- Dan B. & Kasey F.
TIME RECEIVED- 1700 DELIVERED BY- Kasey French

SAMPLE MATRIX- WW
TIME SAMPLED- 1045
RECEIVED BY- SB
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		06/14/18		SB	11.2	Degrees C
Sample Receipt Temperature		06/14/18		SB	Sample Rec.On Ice	
Total Xylenes	EPA 624	06/20/18		RRB	< 3.0	ug/L

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

Rachel R. Bonczyk
Technical Director

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) -	98 % REC
Toluene-d8 (75-125) -	96 % REC
4-Bromofluorobenzene (75-125) -	102 % REC

Certified Environmental Services, Inc.

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REPORT OF ANALYSES

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

PROJECT NAME: Maestri 2018
DATE: 06/28/2018

SAMPLE NUMBER- 765535 SAMPLE ID- PZ-20
DATE SAMPLED- 06/14/18
DATE RECEIVED- 06/14/18 SAMPLER- Dan B. & Kasey F.
TIME RECEIVED- 1700 DELIVERED BY- Kasey French

SAMPLE MATRIX- WW
TIME SAMPLED- 0940
RECEIVED BY- SB
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		06/14/18		SB	11.2	Degrees C
Sample Receipt Temperature		06/14/18		SB	Sample Rec.On Ice	
Total Xylenes	EPA 624	06/20/18		RRB	< 3.0	ug/L

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

Rachel R. Bonczyk
Technical Director

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130)	-	102 % REC
Toluene-d8 (75-125)	-	95 % REC
4-Bromofluorobenzene (75-125)	-	103 % 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: Maestri 2018
DATE: 06/28/2018

SAMPLE NUMBER- 765536 SAMPLE ID- RW-3
DATE SAMPLED- 06/14/18
DATE RECEIVED- 06/14/18 SAMPLER- Dan B. & Kasey F.
TIME RECEIVED- 1700 DELIVERED BY- Kasey French

SAMPLE MATRIX- WW
TIME SAMPLED- 1215
RECEIVED BY- SB
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		06/14/18		SB	11.2	Degrees C
Sample Receipt Temperature		06/14/18		SB	Sample Rec.On Ice	
Total Xylenes	EPA 624	06/21/18		RRB	< 3.0	ug/L

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

Rachel R. Bonczyk
Technical Director

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) -	94 % REC
Toluene-d8 (75-125) -	97 % REC
4-Bromofluorobenzene (75-125) -	107 % 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: Maestri 2018
DATE: 06/28/2018

SAMPLE NUMBER- 765537 SAMPLE ID- RW-8
DATE SAMPLED- 06/14/18
DATE RECEIVED- 06/14/18 SAMPLER- Dan B. & Kasey F.
TIME RECEIVED- 1700 DELIVERED BY- Kasey French

SAMPLE MATRIX- WW
TIME SAMPLED- 1125
RECEIVED BY- SB
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		06/14/18		SB	11.2	Degrees C
Sample Receipt Temperature		06/14/18		SB	Sample Rec.On Ice	
Total Xylenes	EPA 624	06/20/18		RRB	< 3.0	ug/L

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

Rachel R. Bonczyk
Technical Director

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130)	-	103 % REC
Toluene-d8 (75-125)	-	92 % REC
4-Bromofluorobenzene (75-125)	-	101 % 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: Maestri 2018
DATE: 06/28/2018

SAMPLE NUMBER- 765538 SAMPLE ID- RW-8 Dup
DATE SAMPLED- 06/14/18
DATE RECEIVED- 06/14/18 SAMPLER- Dan B. & Kasey F.
TIME RECEIVED- 1700 DELIVERED BY- Kasey French

SAMPLE MATRIX- WW
TIME SAMPLED- 1125
RECEIVED BY- SB
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		06/14/18		SB	11.2	Degrees C
Sample Receipt Temperature		06/14/18		SB	Sample Rec.On Ice	
Total Xylenes	EPA 624	06/20/18		RRB	< 3.0	ug/L

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

Rachel R. Bonczyk
Technical Director

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) -	99 % 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: Maestri 2018
DATE: 06/28/2018

SAMPLE NUMBER- 765539 SAMPLE ID- RW-7
DATE SAMPLED- 06/14/18
DATE RECEIVED- 06/14/18 SAMPLER- Dan B. & Kasey F.
TIME RECEIVED- 1700 DELIVERED BY- Kasey French

SAMPLE MATRIX- WW
TIME SAMPLED- 1005
RECEIVED BY- SB
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		06/14/18		SB	11.2	Degrees C
Sample Receipt Temperature		06/14/18		SB	Sample Rec.On Ice	
Total Xylenes	EPA 624	06/20/18		RRB	21	ug/L

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

Rachel R. Bonczyk
Technical Director

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) -	97 % REC
Toluene-d8 (75-125) -	97 % REC
4-Bromofluorobenzene (75-125) -	104 % REC

Certified Environmental Services, Inc.

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Fax 315-478-2107

REPORT OF ANALYSES

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

PROJECT NAME: Maestri 2018
DATE: 06/28/2018

SAMPLE NUMBER- 765540 SAMPLE ID- MW-2A
DATE SAMPLED- 06/14/18
DATE RECEIVED- 06/14/18 SAMPLER- Dan B. & Kasey F.
TIME RECEIVED- 1700 DELIVERED BY- Kasey French

SAMPLE MATRIX- WW
TIME SAMPLED- 1230
RECEIVED BY- SB
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		06/14/18		SB	11.2	Degrees C
Sample Receipt Temperature		06/14/18		SB	Sample Rec.On Ice	
Total Xylenes	EPA 624	06/21/18		RRB	1020	ug/L

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

Rachel R. Bonczyk
Technical Director

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) -	93 % REC
Toluene-d8 (75-125) -	97 % REC
4-Bromofluorobenzene (75-125) -	105 % REC

Certified Environmental 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: Maestri 2018
DATE: 06/28/2018

SAMPLE NUMBER- 765541 SAMPLE ID- Trip Blank SAMPLE MATRIX- WW
DATE SAMPLED- 06/14/18
DATE RECEIVED- 06/14/18 SAMPLER- Dan B. & Kasey F. RECEIVED BY- SB
TIME RECEIVED- 1700 DELIVERED BY- Kasey French TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		06/14/18		SB	11.2	Degrees C
Sample Receipt Temperature		06/14/18		SB	Sample Rec.On Ice	
Total Xylenes	EPA 624	06/21/18		RRB	< 3.0	ug/L

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

Rachel R. Bonczyk
Technical Director

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130)	-	96 % REC
Toluene-d8 (75-125)	-	97 % REC
4-Bromofluorobenzene (75-125)	-	104 % REC

CHAIN OF CUSTODY RECORD (SEE BACK FOR TERMS & CONDITIONS) G7095

CES — Certified Environmental Services, Inc.

7280 Caswell St. (Hancock Air Park)
North Syracuse, New York 13212
Phone 315-478-2374
Fax 315-478-2107

CES BATCH NO: G7094 / PAGE 1 OF 1

Turn-Around Time 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 ☐ 2 Working Days ☐ 1 Working Days

CLIENT NAME: Envirospec
ADDRESS: 349 Northern Blvd, St. 3, Albany, NY 12204
CONTACT NAME: Rachel Farnum
CLIENT PHONE: 518-453-2203 FAX: 518-453-2204
PROJECT #/NAME/PO #: Maestri 2018

CES LOG NUMBERS (INTERNAL USE/DO NOT WRITE)	Collected Date	Collected Time	Matrix	Grab or Comp.	CLIENT ID/SAMPLE LOCATION	Number of Containers	1	2	3	4	5	6	7	8	9	10	Remarks
765530	6/14/18	3:09	GW	Grab	RW-5	2	2										
531	6/14/18	2:08	GW	Grab	RW-6	2	2										
532	6/14/18	12:42	GW	Grab	MW-9	2	2										
533	6/14/18	11:42	GW	Grab	PZ-4	2	2										
534	6/14/18	10:45	GW	Grab	PZ-21	2	2										
535	6/14/18	9:40	GW	Grab	PZ-20	2	2										
536	6/14/18	12:15	GW	Grab	RW-3	2	2										
537+538	6/14/18	11:25	GW	Grab	RW-8 / DUP	2	2										
539	6/14/18	10:05	GW	Grab	RW-7	2	2										
540	6/14/18	12:30	GW	Grab	MW-2A	2	2										

	Parameter and Method:	Sample bottle: Type	Sample bottle: Size	Preservative Code:
1	Xylene	Vial	—	C
2				
3				
4				
5				
6				
7				
8				
9				
10				

Preservative Codes: A= Unpreserved B=H_2SO_4 C=HCl D=NaOH E=Ascorbic Acid F=HNO_3 G=$Na_2S_2O_3$ H=_____ I=_____

Samples Collected By:
Name (Print): Dan B., Kasey F.
Signature: Kasey French
Company: Envirospec

Remarks: Trip Blank Added samp ID# 765541

RELINQUISHED BY:	Date	Time	RECEIVED BY:
Name: Kasey French Signature: Kasey French	6/14/18	5:00	Name: Shannon Barry Signature: Shannon Barry
Name: Signature:			Name: Signature:

Samples Received in Good Condition: ☑ Yes ☐ No

Receipt Temperature: 11.2 °C on ice

CES
7200 Coswell Rd
North Syracuse, NY 132
Phone 315-478-23
Fax 315-478-21

Sample Receiving Checklist

Client Name: Enviroscpec

Batch Number: G7094 / G7095

	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:	☐	☑	11.2°c ON ICE
7. Preservation OK:	☑	☐	

(If preservation required note Lot # associated with preservative if available.)

H_2SO_4 WC HNO_3 MP NaOH WCSP Ascorbic Acid WC

HCl WCSP 7353 $Na_2S_2O_3$ WC Other Not Available ☐

Additional Comments/Client Correspondence

Trip Blank = G7095

DOCUMENT ID: SRCL 100914 Approved by: AG Date Put In Place: 10/9/14

www.alphalab.com

Alpha Analytical

Laboratory Code: 11148

SDG Number: L1843843

Table of Contents

Project Name: MAESTRI SITE
Project Number: Not Specified

Lab Number: L1843843
Report Date: 11/06/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1843843-01	RW-3	WATER	GEDDES, NY	10/25/18 17:40	10/26/18
L1843843-02	RW-6	WATER	GEDDES, NY	10/25/18 18:45	10/26/18
L1843843-03	RW-8	WATER	GEDDES, NY	10/25/18 16:00	10/26/18
L1843843-04	MW-2A	WATER	GEDDES, NY	10/25/18 11:30	10/26/18
L1843843-05	DUP	WATER	GEDDES, NY	10/25/18 11:30	10/26/18
L1843843-06	PZ-4	WATER	GEDDES, NY	10/25/18 16:00	10/26/18
L1843843-07	PZ-20	WATER	GEDDES, NY	10/25/18 15:00	10/26/18
L1843843-08	PZ-21	WATER	GEDDES, NY	10/25/18 15:30	10/26/18
L1843843-09	MW-12	WATER	GEDDES, NY	10/25/18 12:25	10/26/18
L1843843-10	TRIP BLANK	WATER	GEDDES, NY	10/25/18 00:00	10/26/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L1843843-09: A sample identified as "MW-12" was listed on the Chain of Custody, but not received. This was verified by the client.

L1843843-10: A sample identified as "TRIP BLANK" was received but not listed on the Chain of Custody. This sample was not analyzed.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris Report Date: 11/06/18

Title: Technical Director/Representative

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample¿s toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Report Format: DU Report with 'J' Qualifiers

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 5975MSD (or equivalent)	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics in Air Instruments

Volatile Organics in Air:
Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.52 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul
Column Type: Restek RTX-5MS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Herbicides

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-1701	df: 0.25
Column B: Restek RTX-5	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

EPH

Instrument: Agilent 6890N w/FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (ECD):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Alpha Job Number : L1843843

Received : 26-OCT-2018
Reviewer : John Knoud

Account Name : Envirospec Engineering, PLLC
Project Number :
Project Name : MAESTRI SITE

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.9	

Condition Information

1) All samples on COC received? **NO**
Following samples were not received: -09

2) Extra samples received? **YES**
Following additional samples were received: -10

3) Are there any sample container discrepancies? **NO**

4) Are there any discrepancies between sample labels & COC? **NO**

5) Are samples in appropriate containers for requested analysis? **YES**

6) Are samples properly preserved for requested analysis? **YES**

7) Are samples within holding time for requested analysis? **YES**

8) All sampling equipment returned? **NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client? **NO**

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Nov 06 2018, 02:12 pm

Login Number: L1843843
Account: ENVIROSPECEN Envirospec Engineering, PLLC
Received: 26OCT18 Due Date: 06NOV18

Sample #	Client ID	Mat	PR	Collected
L1843843-01	RW-3	S0	1	25OCT18 17:40
624:	Report Xylenes only - list built ASP-A Package Due Date: 11/06/18			
624.1,ASP-A				
L1843843-02	RW-6	S0	1	25OCT18 18:45
624:	Report Xylenes only - list built Package Due Date: 11/06/18			
624.1				
L1843843-03	RW-8	S0	1	25OCT18 16:00
624:	Report Xylenes only - list built Package Due Date: 11/06/18			
624.1				
L1843843-04	MW-2A	S0	1	25OCT18 11:30
624:	Report Xylenes only - list built Package Due Date: 11/06/18			
624.1				
L1843843-05	DUP	S0	1	25OCT18 11:30
624:	Report Xylenes only - list built Package Due Date: 11/06/18			
624.1				
L1843843-06	PZ-4	S0	1	25OCT18 16:00
624:	Report Xylenes only - list built Package Due Date: 11/06/18			
624.1				
L1843843-07	PZ-20	S0	1	25OCT18 15:00
624:	Report Xylenes only - list built Package Due Date: 11/06/18			

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Nov 06 2018, 02:12 pm

Login Number: L1843843
Account: ENVIROSPECEN Envirospec Engineering, PLLC
Received: 26OCT18 Due Date: 06NOV18

Sample #	Client ID	Mat	PR	Collected
624.1				
L1843843-08	PZ-21	1 S0		25OCT18 15:30
624: Report Xylenes only - list built Package Due Date: 11/06/18				
624.1				
L1843843-09	MW-12	1 S0		25OCT18 12:25
624: Report Xylenes only - list built Package Due Date: 11/06/18				
HOLD-624				
L1843843-10	TRIP BLANK	1 S0		25OCT18 00:00
624: Report Xylenes only - list built Package Due Date: 11/06/18				
HOLD-624				

Logged By: Brenda Pirinelli

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 10/26/18

ALPHA Job #: L1843843

Client Information

Client: Envirospec Engineering
Address: 349 Northern Blvd
Albany, NY 12204
Phone: 518-453-2203
Fax:
Email: rturnure@envirospecny.com

Project Information

Project Name: Maestri Site
Project Location: Geddes, NY
Project #
(Use Project name as Project #) ☐
Project Manager: Brenda Pinelli
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☒ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Only Category A needed. No EQUIS needed.
Only report Total xylenes

Please specify Metals or TAL:

ANALYSIS

Total xylenes Method 624

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total xylenes	Sample Specific Comments
43843 - 01	RW-3	10/25/18	5:40			X	
02	RW-6	10/25/18	6:45			X	
03	RW-8	10/25/18	4:00			X	
04	MW-2A	10/25/18	11:30			X	
05	DUP	10/25/18	11:30			X	
06	PZ-4	10/25/18	4:00			X	
07	PZ-2D	10/25/18	3:00			X	
08	PZ-2I	10/25/18	3:30			X	
09	MW-12	10/25/18	12:25			X	

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	10/26/18 12:03	Robert Hale AAL	10-26-18 12:03
Robert Hale	10-26-18 12:03		10/26/18 2222
	10/27/18 0530		10/27/18 05:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Organics

GC/MS 624
Analysis

Volatiles Sample Data

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1843843
Project Name	: MAESTRI SITE	**Project Number**	:
Lab ID	: L1843843-01	**Date Collected**	: 10/25/18 17:40
Client ID	: RW-3	**Date Received**	: 10/26/18
Sample Location	: GEDDES, NY	**Date Analyzed**	: 10/31/18 03:13
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 128,624.1	**Analyst**	: AD/GT
Lab File ID	: VF181030C18	**Instrument ID**	: FLANDERS
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
179601-23-1	p/m-Xylene	ND	2.0	0.30	U
95-47-6	o-xylene	ND	1.0	0.34	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1843843
Project Name	: MAESTRI SITE	**Project Number**	:
Lab ID	: L1843843-02	**Date Collected**	: 10/25/18 18:45
Client ID	: RW-6	**Date Received**	: 10/26/18
Sample Location	: GEDDES, NY	**Date Analyzed**	: 10/31/18 04:27
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 128,624.1	**Analyst**	: AD/GT
Lab File ID	: VF181030C20	**Instrument ID**	: FLANDERS
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
179601-23-1	p/m-Xylene	150	2.0	0.30	
95-47-6	o-xylene	4.6	1.0	0.34	
1330-20-7	Xylenes, Total	150	1.0	0.30	

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1843843
Project Name	: MAESTRI SITE	**Project Number**	:
Lab ID	: L1843843-03	**Date Collected**	: 10/25/18 16:00
Client ID	: RW-8	**Date Received**	: 10/26/18
Sample Location	: GEDDES, NY	**Date Analyzed**	: 10/31/18 03:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 128,624.1	**Analyst**	: AD/GT
Lab File ID	: VF181030C19	**Instrument ID**	: FLANDERS
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
179601-23-1	p/m-Xylene	ND	2.0	0.30	U
95-47-6	o-xylene	ND	1.0	0.34	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1843843
Project Name	: MAESTRI SITE	**Project Number**	:
Lab ID	: L1843843-04	**Date Collected**	: 10/25/18 11:30
Client ID	: MW-2A	**Date Received**	: 10/26/18
Sample Location	: GEDDES, NY	**Date Analyzed**	: 10/31/18 14:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 128,624.1	**Analyst**	: GT
Lab File ID	: VF181031A10	**Instrument ID**	: FLANDERS
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
179601-23-1	p/m-Xylene	170	2.0	0.30	
95-47-6	o-xylene	1.0	1.0	0.34	
1330-20-7	Xylenes, Total	170	1.0	0.30	

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1843843
Project Name	: MAESTRI SITE	**Project Number**	:
Lab ID	: L1843843-05	**Date Collected**	: 10/25/18 11:30
Client ID	: DUP	**Date Received**	: 10/26/18
Sample Location	: GEDDES, NY	**Date Analyzed**	: 10/31/18 15:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 128,624.1	**Analyst**	: GT
Lab File ID	: VF181031A11	**Instrument ID**	: FLANDERS
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
179601-23-1	p/m-Xylene	160	2.0	0.30	
95-47-6	o-xylene	1.1	1.0	0.34	
1330-20-7	Xylenes, Total	160	1.0	0.30	

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1843843
Project Name	: MAESTRI SITE	**Project Number**	:
Lab ID	: L1843843-06	**Date Collected**	: 10/25/18 16:00
Client ID	: PZ-4	**Date Received**	: 10/26/18
Sample Location	: GEDDES, NY	**Date Analyzed**	: 10/31/18 16:03
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 128,624.1	**Analyst**	: GT
Lab File ID	: VF181031A12	**Instrument ID**	: FLANDERS
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
179601-23-1	p/m-Xylene	3.3	2.0	0.30	
95-47-6	o-xylene	1.2	1.0	0.34	
1330-20-7	Xylenes, Total	4.5	1.0	0.30	

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1843843
Project Name	: MAESTRI SITE	**Project Number**	:
Lab ID	: L1843843-07	**Date Collected**	: 10/25/18 15:00
Client ID	: PZ-20	**Date Received**	: 10/26/18
Sample Location	: GEDDES, NY	**Date Analyzed**	: 10/31/18 16:39
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 128,624.1	**Analyst**	: GT
Lab File ID	: VF181031A13	**Instrument ID**	: FLANDERS
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
179601-23-1	p/m-Xylene	ND	2.0	0.30	U
95-47-6	o-xylene	ND	1.0	0.34	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1843843
Project Name	: MAESTRI SITE	**Project Number**	:
Lab ID	: L1843843-08	**Date Collected**	: 10/25/18 15:30
Client ID	: PZ-21	**Date Received**	: 10/26/18
Sample Location	: GEDDES, NY	**Date Analyzed**	: 10/31/18 17:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 128,624.1	**Analyst**	: GT
Lab File ID	: VF181031A14	**Instrument ID**	: FLANDERS
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
179601-23-1	p/m-Xylene	ND	2.0	0.30	U
95-47-6	o-xylene	ND	1.0	0.34	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1843843
Project Name	: MAESTRI SITE	**Project Number**	:
Lab ID	: WG1174505-8	**Date Collected**	: NA
Client ID	: WG1174505-8BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 10/30/18 19:18
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 128,624.1	**Analyst**	: AD/GT
Lab File ID	: VF181030C05	**Instrument ID**	: FLANDERS
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
179601-23-1	p/m-Xylene	ND	2.0	0.30	U
95-47-6	o-xylene	ND	1.0	0.34	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1843843
Project Name	: MAESTRI SITE	**Project Number**	:
Lab ID	: WG1174870-4	**Date Collected**	: NA
Client ID	: WG1174870-4BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 10/31/18 11:41
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 128,624.1	**Analyst**	: GT
Lab File ID	: VF181031A05	**Instrument ID**	: FLANDERS
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
179601-23-1	p/m-Xylene	ND	2.0	0.30	U
95-47-6	o-xylene	ND	1.0	0.34	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U

www.alphalab.com

Alpha Analytical

Laboratory Code: 11148

SDG Number: L1844255

Table of Contents

Project Name: MAESTRI SITE
Project Number: Not Specified

Lab Number: L1844255
Report Date: 11/12/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1844255-01	MW-9	WATER	GEDDES, NY	10/30/18 09:45	10/30/18
L1844255-02	RW-7	WATER	GEDDES, NY	10/30/18 10:30	10/30/18
L1844255-03	RW-5	WATER	GEDDES, NY	10/30/18 12:00	10/30/18
L1844255-04	TRIP BLANK	WATER	GEDDES, NY	10/30/18 00:00	10/30/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Report Date: 11/12/18

Title: Technical Director/Representative

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample¿s toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Report Format: DU Report with 'J' Qualifiers

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 5975MSD (or equivalent)	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics in Air Instruments

Volatile Organics in Air:
Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.52 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul
Column Type: Restek RTX-5MS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Herbicides

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-1701	df: 0.25
Column B: Restek RTX-5	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

EPH

Instrument: Agilent 6890N w/FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (ECD):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Alpha Job Number : L1844255

Account Name : Envirospec Engineering, PLLC
Project Number :
Project Name : MAESTRI SITE

Received : 30-OCT-2018
Reviewer : Ryan Morrissey

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	4.7	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between sample labels & COC?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Nov 12 2018, 01:35 pm

Login Number: L1844255
Account: ENVIROSPECEN Envirospec Engineering, PLLC
Received: 30OCT18 Due Date: 13NOV18

Sample #	Client ID	Mat	PR	Collected
L1844255-01	MW-9	S0	1	30OCT18 09:45
624: report xylenes only - list built ASP-A Package Due Date: 11/13/18				
624.1,ASP-A				
L1844255-02	RW-7	S0	1	30OCT18 10:30
624: report xylenes only - list built Package Due Date: 11/13/18				
624.1				
L1844255-03	RW-5	S0	1	30OCT18 12:00
624: report xylenes only - list built Package Due Date: 11/13/18				
624.1				
L1844255-04	TRIP BLANK	S0	1	30OCT18 00:00
624: report xylenes only - list built Package Due Date: 11/13/18				
624.1				

Logged By: Ryan Morrissey

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 10/31/18

ALPHA Job #: L1844255

Client Information
Client: Envirospec Engineering
Address: 349 Northern Blvd
Albany, NY 12204
Phone: 518-453-2203
Fax:
Email: rfarnum@envirospeceng.com

Project Information
Project Name: Maestri Site
Project Location: Geddes, NY
Project #
(Use Project name as Project #) ☐
Project Manager: Brenda Pirinelli
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☒ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Only Category A needed. No EQUIS needed. Only report Total Xylenes.

Please specify Metals or TAL.

ANALYSIS
Total Xylenes Method 624

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total Xylenes	Sample Specific Comments
1844255 01	MW-9	10/30/18	9:45			X	
02	RW-7	10/30/18	10:30			X	
03	RW-5	10/30/18	12:00			X	
04	Trip Blank	10/30/18					

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By: AAL	Date/Time
Kasey French	10/30/18 1:05		10/30/18 1400
	10/30/18 1400		10/31/18 0820

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Organics

GC/MS 624
Analysis

Volatiles Sample Data

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1844255
Project Name	: MAESTRI SITE	**Project Number**	:
Lab ID	: L1844255-01D	**Date Collected**	: 10/30/18 09:45
Client ID	: MW-9	**Date Received**	: 10/30/18
Sample Location	: GEDDES, NY	**Date Analyzed**	: 11/03/18 00:38
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 128,624.1	**Analyst**	: NLK
Lab File ID	: VF181102N11	**Instrument ID**	: FLANDERS
Sample Amount	: 2.5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
179601-23-1	p/m-Xylene	410	4.0	0.61	
95-47-6	o-xylene	3.5	2.0	0.68	
1330-20-7	Xylenes, Total	410	2.0	0.61	

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1844255
Project Name	: MAESTRI SITE	**Project Number**	:
Lab ID	: L1844255-02	**Date Collected**	: 10/30/18 10:30
Client ID	: RW-7	**Date Received**	: 10/30/18
Sample Location	: GEDDES, NY	**Date Analyzed**	: 11/03/18 00:01
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 128,624.1	**Analyst**	: NLK
Lab File ID	: VF181102N10	**Instrument ID**	: FLANDERS
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
179601-23-1	p/m-Xylene	7.7	2.0	0.30	
95-47-6	o-xylene	5.7	1.0	0.34	
1330-20-7	Xylenes, Total	13	1.0	0.30	

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1844255
Project Name	: MAESTRI SITE	**Project Number**	:
Lab ID	: L1844255-03	**Date Collected**	: 10/30/18 12:00
Client ID	: RW-5	**Date Received**	: 10/30/18
Sample Location	: GEDDES, NY	**Date Analyzed**	: 11/02/18 23:24
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 128,624.1	**Analyst**	: NLK
Lab File ID	: VF181102N09	**Instrument ID**	: FLANDERS
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
179601-23-1	p/m-Xylene	ND	2.0	0.30	U
95-47-6	o-xylene	ND	1.0	0.34	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1844255
Project Name	: MAESTRI SITE	**Project Number**	:
Lab ID	: L1844255-04	**Date Collected**	: 10/30/18 00:00
Client ID	: TRIP BLANK	**Date Received**	: 10/30/18
Sample Location	: GEDDES, NY	**Date Analyzed**	: 11/02/18 22:47
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 128,624.1	**Analyst**	: NLK
Lab File ID	: VF181102N08	**Instrument ID**	: FLANDERS
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
179601-23-1	p/m-Xylene	ND	2.0	0.30	U
95-47-6	o-xylene	ND	1.0	0.34	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1844255
Project Name	: MAESTRI SITE	**Project Number**	:
Lab ID	: WG1176112-8	**Date Collected**	: NA
Client ID	: WG1176112-8BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 11/02/18 21:32
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 128,624.1	**Analyst**	: NLK
Lab File ID	: VF181102N06	**Instrument ID**	: FLANDERS
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
179601-23-1	p/m-Xylene	ND	2.0	0.30	U
95-47-6	o-xylene	ND	1.0	0.34	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U