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January 22, 2018

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

**Re:** Stauffer Management Company, LLC- Maestri Site  
NYSDEC Site No. 7-34-025  
900 State Fair Boulevard  
Town of Geddes, NY

Mr. Biel,

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

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

Sincerely,

*Gianna Aiezza*

Gianna Aiezza, P.E.  
Principal Engineer

Enc.

Cc: R. Jones, NYSDOH

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

**SEMI-ANNUAL GROUNDWATER MONITORING  
REPORT**

**November 2017 Sampling**

**POST GROUNDWATER COLLECTION /  
TREATMENT SYSTEM SHUTDOWN**

**Prepared for:**

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

**Prepared by:**



**349 Northern Blvd., Suite 3  
Albany, NY 12204**

***Envirospec Engineering Project E17-1532***

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A Woman Owned Business Enterprise (WBE)

## **1.0 INTRODUCTION**

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

## **2.0 SITE BACKGROUND**

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

SMC agreed to conduct weekly Site inspections and monthly sampling of eight (8) perimeter monitoring wells for the first three (3) months following shutdown, from June to August 2008. The elevations of Site monitoring wells were also monitored on a monthly basis during this time. After the three (3) month period, sampling and reporting was conducted quarterly from November 2008 to June 2009.

In June 2009, a new monitoring well (PZ-20) was installed downgradient of the Site in the Alhan Parkway residential area (153 Alhan Parkway) to verify that the Site groundwater contamination plume was not migrating towards this residential area. A second downgradient monitoring well (PZ-21) was installed at 151 Alhan Parkway in June 2012. The locations of PZ-20 and PZ-21 are shown on Drawings D-1, D-2, and D-3 attached to this report.

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

## **3.0 GROUNDWATER SAMPLING – APRIL 2017**

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

**Table 1**  
**Groundwater Elevations – November 1, 2017**

| <b>Well Number</b>    | <b>Measuring Point Elevation</b> | <b>Depth to Water</b> | <b>Groundwater Elevation</b> |
|-----------------------|----------------------------------|-----------------------|------------------------------|
| MW-9                  | 408.87                           | 13.60                 | 399.47                       |
| MW-10                 | 413.82                           | 13.60                 | 409.9                        |
| MW-12                 | 418.28                           | 11.60                 | 412.93                       |
| MW-14                 | 405.17                           | 16.40                 | 390.67                       |
| PZ-2                  | 407.23                           | 9.40                  | 397.83                       |
| PZ-3                  | 409.60                           | 16.50                 | 401.45                       |
| PZ-4                  | 394.37                           | 4.60                  | 389.77                       |
| PZ-5                  | 393.37                           | 4.80                  | 390.47                       |
| PZ-6                  | 410.15                           | 17.10                 | 402.15                       |
| PZ-7                  | 409.13                           | 15.40                 | 400.63                       |
| PZ-9                  | 408.69                           | 14.60                 | 399.79                       |
| PZ-10                 | 407.04                           | 13.80                 | 399.34                       |
| PZ-12                 | 408.17                           | 14.10                 | 397.67                       |
| PZ-13                 | 407.12                           | 12.70                 | 397.02                       |
| PZ-14                 | 408.44                           | 10.70                 | 399.19                       |
| PZ-15                 | 406.74                           | 16.40                 | 391.54                       |
| PZ-18                 | 406.30                           | 16.60                 | 391.18                       |
| PZ-19                 | 406.88                           | 15.80                 | 391.83                       |
| PZ-20                 | 386.00                           | 3.88                  | 382.12                       |
| PZ-21                 | 386.70                           | 0.00                  | 386.7                        |
| MW-2A (formerly RW-2) | 406.40                           | 10.10                 | 396.3                        |
| RW-3                  | 407.01                           | 15.70                 | 391.31                       |
| RW-5                  | 409.18                           | 7.60                  | 401.58                       |
| RW-6                  | 393.64                           | 3.00                  | 390.64                       |
| RW-7                  | 405.76                           | 14.60                 | 391.16                       |
| RW-8                  | 406.81                           | 10.45                 | 396.36                       |

A minimum of three (3) monitoring well volumes were purged from each of the monitoring wells scheduled for sampling except for RW-8, which went dry after approximately 2.5 well volumes were purged. Monitoring wells were purged with a two (2)-inch submersible Grundfos pump and poly tubing, a two (2)-inch disposable polyethylene bailer, or internal well pumps controlled from the treatment shed. Purged water was collected and containerized in a mobile poly tank. The containerized water will be transported off-Site for disposal at a regulated disposal facility. Field data, including pH, temperature, conductivity, turbidity,

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

A duplicate sample was collected from RW-8 for laboratory and sampling quality assurance/quality control purposes. The result of the duplicate sample, as shown in Table 3 in Appendix A, was consistent with the original sample. A trip blank was generated to ensure no cross contamination or outside contamination was present.

#### 4.0 GROUNDWATER QUALITY

Samples were sent to Certified Environmental Services (CES) in North Syracuse, NY, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory, following typical chain of custody procedures for xylene analysis via EPA Method 624. The analytical results are included as Appendix C. A summary of results from this sampling round is presented in Table 2 below as well as in Appendix A.

**Table 2 Summary of Xylene Concentration in Groundwater**

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

**Note:** Duplicate sample represented in (parentheses).

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

## **5.0 SITE INSPECTIONS**

Since August 2008, Site inspections were conducted during each groundwater sampling event. Items reviewed during the Site inspections included Site security, recovery and monitoring well water elevations, general site maintenance, erosion control, condition of neighboring properties and general observations of Site conditions (i.e. appearance of sink holes, odors, vegetation growth, etc). It was noted that the property has been sold. A copy of the Site inspection report completed during the November 2017 sampling event is included as Appendix D.

## **6.0 SUMMARY**

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

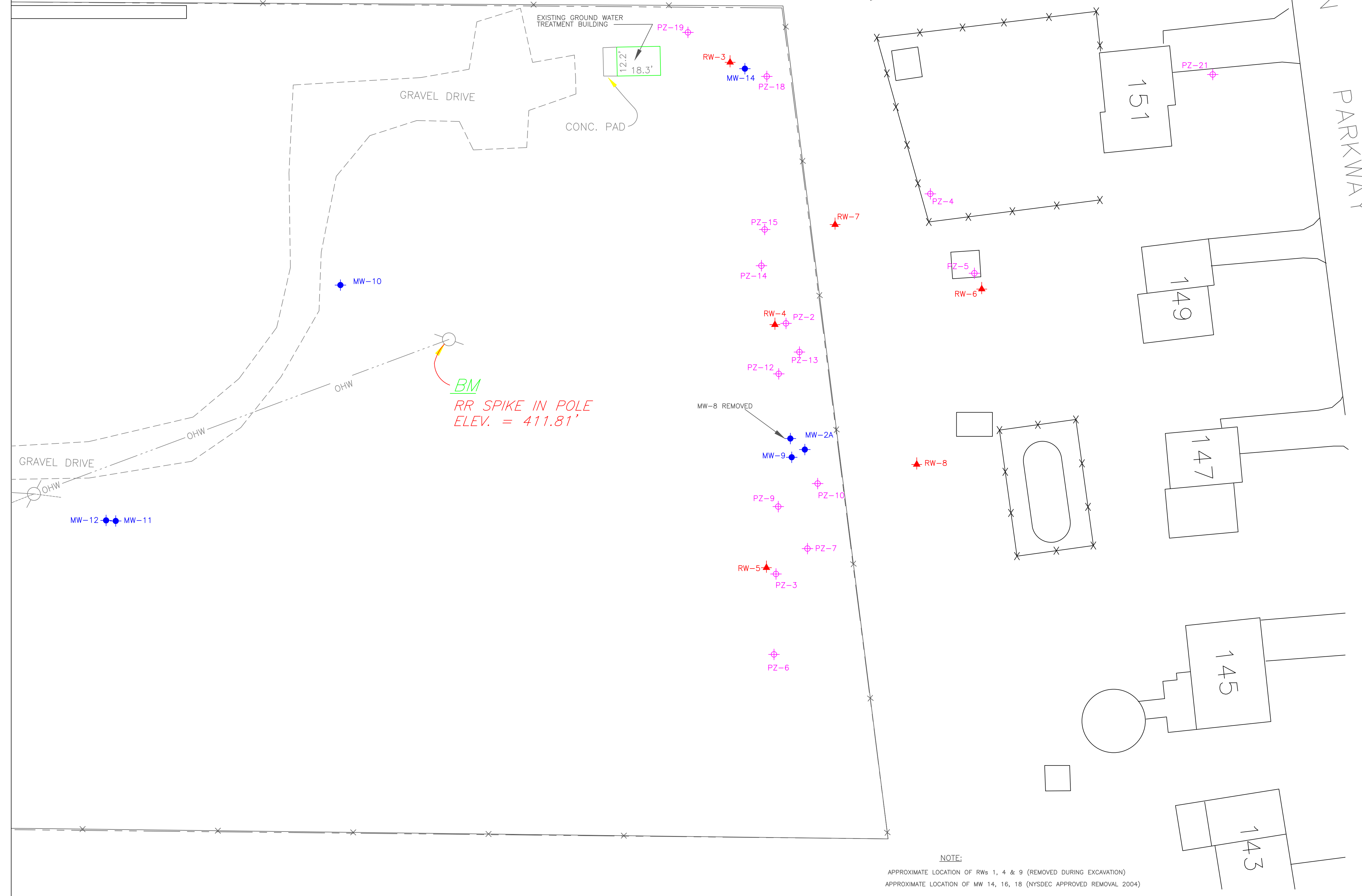
Based on the November 2017 sampling results, Site groundwater quality continues to show seasonal fluctuations in total xylene concentrations with no offsite migration.

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

## **DRAWINGS**

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

NOVEMBER 2017

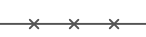


NOTE:

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

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

LEGEND

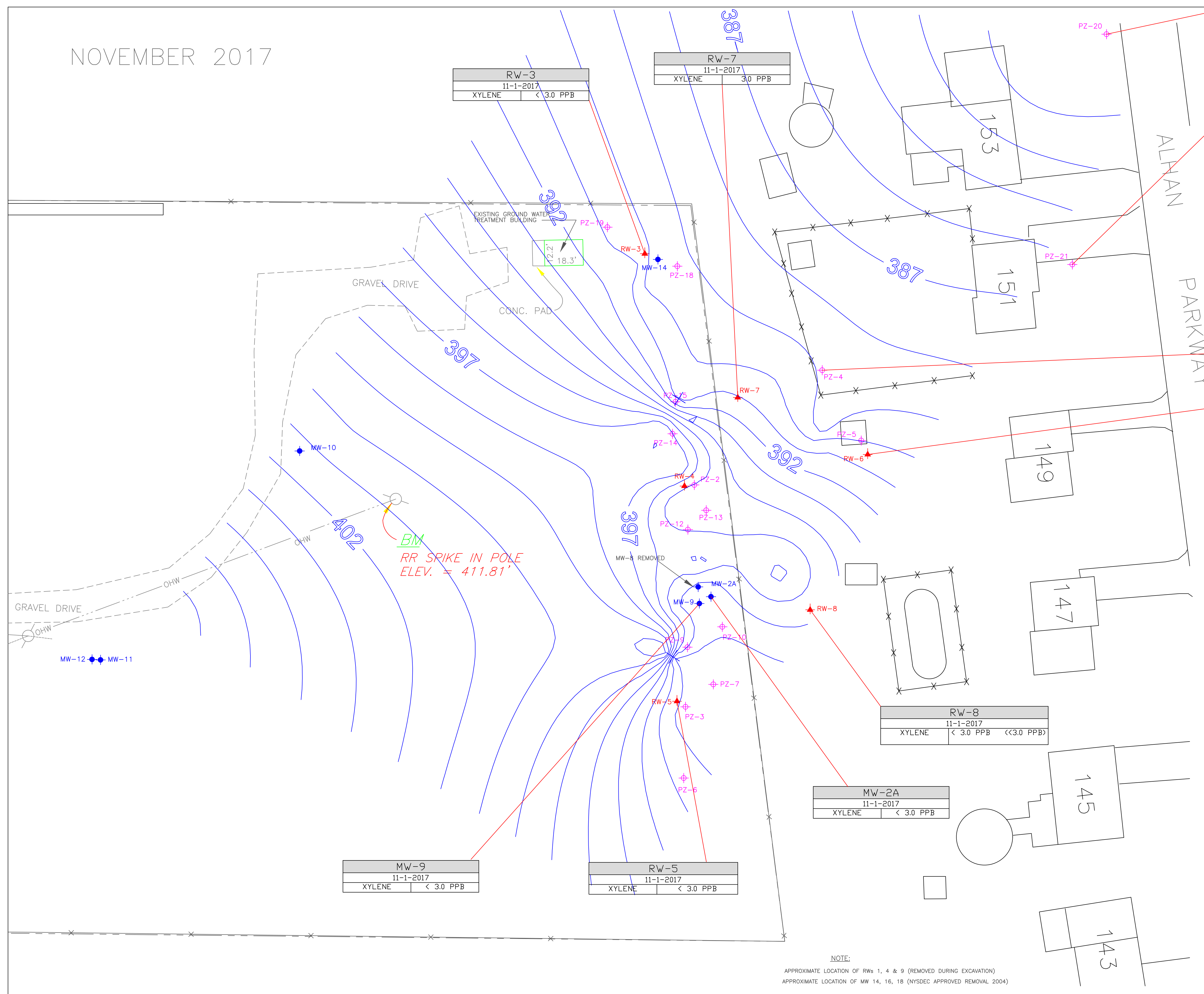
- |                                                                                       |                                                              |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------|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

A horizontal scale bar labeled "SCALE" in the center. Below the bar are four major tick marks labeled "0", "30", "60", and "90 FEET". The bar is divided into three equal segments of 30 feet each. The first segment (0 to 30) is divided into three equal parts by two vertical lines. The second segment (30 to 60) is a single solid black block. The third segment (60 to 90) is a single solid black block.

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

D-1  
SITE PLAN

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



|                  |
|------------------|
| PZ-20            |
| 11-1-2017        |
| XYLENE < 3.0 PPB |

|                  |
|------------------|
| PZ-21            |
| 11-1-2017        |
| XYLENE < 3.0 PPB |

|                |
|----------------|
| PZ-4           |
| 11-1-2017      |
| XYLENE 4.6 PPB |

|                  |
|------------------|
| RW-6             |
| 11-1-2017        |
| XYLENE < 3.0 PPB |

#### LEGEND

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



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

D-2  
GROUNDWATER CONTOURS WITH  
XYLENE CONCENTRATION SUMMARY  
MAESTRI SITE - NOVEMBER 2017  
904 STATE FAIR BLVD.  
GEDDES, NEW YORK

NOVEMBER 2017

| 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 |

| 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                  |

| 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 |

| 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                  |

| 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   |

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

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

| MW-2A      |           |
|------------|-----------|
| JUN 2012   | 230 PPB   |
| DEC 2012   | 2903 PPB  |
| JUN 2013   | < 3.0 PPB |
| NOV 2013   | 2722 PPB  |
| JUN 2014   | 2,800 PPB |
| 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 |

| 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 |

| 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 |

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



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

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

## **APPENDICES**

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

## **APPENDIX A**

### Tables

**Table 3**  
**Summary of Total Xylene Concentrations (ppb)**  
*Stauffer Management Company*  
*Maestri Site*

| Sample Date                                        | RW-1 | RW-2 <sup>2</sup> | RW-3  | RW-4 | RW-5         | RW-6        | RW-7         | RW-8          | MW-2A <sup>2</sup> | 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                | --            | --    | *****        | *****          |
| <b>Treatment System Shutdown on May 27th, 2008</b> |      |                   |       |      |              |             |              |               |                    |               |       |              |                |
| Jun-08                                             | **   | ****              | 6.1   | **   | <3.0         | 84          | 119          | <3.0          | 68 (54)            | 964           | < 3.0 | *****        | *****          |
| Jul-08                                             | **   | ****              | 4.4   | **   | <3.0 (< 3.0) | 71          | 124          | <3.0          | 1,700              | 1,800         | < 3.0 | *****        | *****          |
| Aug-08                                             | **   | ****              | 4.3   | **   | <3.0         | 148         | 104          | <3.0          | 1,770 (1,200)      | 1,795         | < 3.0 | *****        | *****          |
| Nov-08                                             | **   | ****              | <3.0  | **   | <3.0         | 158         | 73           | <3.0          | 16                 | 73            | < 3.0 | *****        | *****          |
| Feb-09                                             | **   | ****              | <3.0  | **   | <3.0         | 590         | <3.0 (< 3.0) | < 3.0         | 9.1                | < 3.0         | < 3.0 | *****        | *****          |
| Jun-09                                             | **   | ****              | <3.0  | **   | <3.0         | 641         | 23           | < 3.0         | 4,635              | 7,830         | < 3.0 | <3.0         | *****          |
| Dec-09                                             | **   | ****              | <3.0  | **   | <3.0         | 417         | 169          | <3.0          | 5780               | 5,145         | <3.0  | <3.0         | *****          |
| May-10                                             | **   | ****              | <3.0  | **   | <3.0         | 862         | 15           | <3.0          | 100 (122)          | 190           | <3.0  | <3.0         | *****          |
| Oct-10                                             | **   | ****              | <3.0  | **   | <3.0         | 168 (157)   | 71           | <3.0          | 32                 | <3.0          | <3.0  | <3.0         | *****          |
| Apr-11                                             | **   | ****              | <3.0  | **   | <3.0         | 208         | 66           | <3.0          | 685                | 3,598 (3,220) | 10    | <3.0         | *****          |
| Jun-11                                             | **   | ****              | NS    | **   | NS           | 906         | 7.7 (7.8)    | NS            | 5352               | 9,337         | <3.0  | <3.0         | *****          |
| Nov-11                                             | **   | ****              | <3.0  | **   | <3.0         | 749         | <3.0         | <3.0          | 1,560 (1980)       | 3.8           | <3.0  | <3.0         | *****          |
| Jun-12                                             | **   | ****              | < 3.0 | **   | < 3.0        | 622         | 41           | < 3.0         | 230 (179)          | 5,370         | < 3.0 | < 3.0        | < 3.0          |
| Dec-12                                             | **   | ****              | < 3.0 | **   | 13           | 511         | 145          | 7.2           | 2,903              | NS (DRY)      | < 3.0 | < 3.0 (<3.0) | < 3.0          |
| Jun-13                                             | **   | ****              | < 3.0 | **   | < 3.0        | 14          | < 3.0        | < 3.0         | < 3.0              | < 3.0 (<3.0 ) | 4.1   | < 3.0        | < 3.0          |
| Nov-13                                             | **   | ****              | < 3.0 | **   | < 3.0        | 418         | 91           | < 3.0         | 2,722              | 7.0           | 4.9   | < 3.0        | < 3.0 (<3.0 )  |
| Jun-14                                             | **   | ****              | < 3.0 | **   | < 3.0 (<3.0) | 770         | 8.0          | < 3.0         | 2,800              | 4700          | < 3.0 | < 3.0        | 3.5            |
| Oct-14                                             | **   | **                | <1.0  | **   | <1.0         | 466 (470)   | 184.0        | <1.0          | 825                | 145           | 7.1   | <1.0         | <1.0           |
| May-15                                             | **   | **                | < 1.0 | **   | <1.0         | 604         | 16.6         | 2.0           | 407                | <1.0          | 5.3   | <1.0         | < 1.0 ( < 1.0) |
| Nov-15                                             | **   | **                | 15.4  | **   | <1.1         | 183 (208)   | 5.2          | 3.4           | 769                | 739           | 5.3   | <1.0         | <1.0           |
| Apr-16                                             | **   | **                | < 1.0 | **   | <1.0         | 707         | 22.6 (23.2)  | < 1.0         | 261                | < 1.0         | 5.7   | <1.0         | <1.0           |
| Oct-16                                             | **   | **                | < 1.0 | **   | <1.0         | 88.9 (94.5) | < 1.0        | < 1.0         | 68.3               | < 1.0         | 4.3   | <1.0         | <1.0           |
| Apr-17                                             | **   | **                | < 1.0 | **   | <1.0         | 333         | 0.4          | < 1.0         | 3,350              | 3,380         | 6.4   | <1.0         | < 1.0 ( < 1.0) |
| Nov-17                                             | **   | **                | < 3.0 | **   | < 3.0        | < 3.0       | 3.0          | < 3.0 (< 3.0) | < 3.0              | < 3.0         | 4.6   | < 3.0        | < 3.0          |

Shaded boxes indicate result when treatment system was in operation

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

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

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

\*\*\*\*\* - PZ-20 was installed on June 24, 2009

\*\*\*\*\* - PZ-21 was installed on June 7, 2012

NS = Not Sampled.

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

INC - Inconclusive laboratory result

Value in parenthesis is duplicate sample result

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

*Stauffer Management Company*  
*Maestri Site*

| Monitoring Well       | Date Sampled | Diameter (in) | Total Well Depth (ft bgs) | Top of Casing to Grade (ft) | Depth to Water (ft) | Water Column Height (ft) | Purged Volume (gal) | Final pH | Final Temp (deg C) | Final Conductivity (mS/cm) | Final TDS (ppm) | ORP (mV) | Turbidity (NTU) | DO (mg/L) |
|-----------------------|--------------|---------------|---------------------------|-----------------------------|---------------------|--------------------------|---------------------|----------|--------------------|----------------------------|-----------------|----------|-----------------|-----------|
| MW-9                  | 11/1/2017    | 2             | 19.60                     | 1.0                         | 13.20               | 7.40                     | 3.50                | 6.70     | 13.22              | 0.746                      | 0.478           | 149      | 31.3            | 1.99      |
| MW-2A (formerly RW-2) | 11/1/2017    | 8             | 20.64                     | 2.7                         | 14.30               | 8.70                     | 60.00               | 6.99     | 13.00              | 0.656                      | 0.420           | 47       | 6.2             | 2.84      |
| RW-3                  | 11/1/2017    | 6             | 25.33                     | 1.0                         | 16.60               | 9.73                     | 30.00               | 7.43     | 12.20              | 1.45                       | 0.928           | -19      | 38.10           | 4.90      |
| RW-5                  | 11/1/2017    | 6             | 24.53                     | 1.0                         | 15.10               | 10.43                    | 45.00               | 7.02     | 13.51              | 0.732                      | 0.468           | -64      | 34.20           | 0         |
| RW-6                  | 11/1/2017    | 6             | 21.86                     | 0.0                         | 5.10                | 16.76                    | 74.00               | 7.74     | 13.26              | 0.980                      | 0.627           | -107     | 21.90           | 2.63      |
| RW-7                  | 11/1/2017    | 6             | 27.50                     | 1.0                         | 15.00               | 13.50                    | 60.00               | 6.98     | 12.13              | 1.25                       | 0.79            | -5       | 22.80           | 1.40      |
| RW-8                  | 11/1/2017    | 6             | 24.50                     | 1.0                         | 13.75               | 11.75                    | 45.00               | 6.71     | 11.87              | 0.775                      | 0.496           | 124      | 31.2            | 2.97      |
| PZ-4                  | 11/1/2017    | 2             | 19.50                     | 0.0                         | 6.15                | 13.35                    | 6.50                | 9.07     | 12.82              | 2.35                       | 1.5             | -119     | > 1000          | 0.60      |
| PZ-20                 | 11/1/2017    | 2             | 20.00                     | 0.0                         | 4.60                | 15.40                    | 7.50                | 7.20     | 15.24              | 1.07                       | 0.684           | -62      | 428             | 1.84      |
| PZ-21                 | 11/1/2017    | 2             | 19.50                     | 0.0                         | -                   | 19.50                    | 9.50                | 7.31     | 13.77              | 0.979                      | 0.626           | -90      | 732             | 2.33      |

## **APPENDIX B**

### Monitoring Well Sampling Field Reports

|                                                                                  |                                         |                                                                                   |  |             |           |             |    |
|----------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------|--|-------------|-----------|-------------|----|
|  |                                         | 349 Northern Blvd<br>Albany, NY 12204<br>Phone: 518.453.2203<br>Fax: 518.689.4800 |  | Well No:    | MW-9      |             |    |
|                                                                                  |                                         |                                                                                   |  | Date(s):    | 11/1/2017 |             |    |
|                                                                                  |                                         |                                                                                   |  | Weather     |           | Temperature |    |
|                                                                                  |                                         |                                                                                   |  | Cloudy      |           | High:       | 47 |
| Low:                                                                             | 31                                      |                                                                                   |  |             |           |             |    |
| <h2 style="text-align: center;">Well Sampling Field Record</h2>                  |                                         |                                                                                   |  |             |           |             |    |
| Project:                                                                         | Maestri Site                            |                                                                                   |  | Project No. | E17-1532  |             |    |
| Location:                                                                        | 904 State Fair Blvs, Syracuse, NY 13209 |                                                                                   |  |             |           |             |    |

### Well Info

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

### Purge

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

### Sampling

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

### Appearance

|        |
|--------|
| Clear. |
|--------|

### Comments

|     |
|-----|
| NA. |
|-----|

|                                                                                   |                                                                                   |             |             |    |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------|-------------|----|
|  | 349 Northern Blvd<br>Albany, NY 12204<br>Phone: 518.453.2203<br>Fax: 518.689.4800 | Well No:    | MW-2A       |    |
|                                                                                   |                                                                                   | Date(s):    | 11/1/2017   |    |
|                                                                                   |                                                                                   | Weather     | Temperature |    |
|                                                                                   |                                                                                   | Cloudy      | High:       | 47 |
| <h2 style="text-align: center;">Well Sampling Field Record</h2>                   |                                                                                   |             | Low:        | 31 |
|                                                                                   |                                                                                   |             |             |    |
| Project:                                                                          | Maestri Site                                                                      | Project No. | E17-1532    |    |
| Location:                                                                         | 904 State Fair Blvs, Syracuse, NY 13209                                           |             |             |    |

### Well Info

|                               |       |                         |                |           |            |
|-------------------------------|-------|-------------------------|----------------|-----------|------------|
| Well #:                       | MW-2A | Well Location:          | Near Back Gate |           |            |
| Well Diameter (in):           | 8     | Well Condition:         | OK             |           |            |
| A. Total Well Depth (ft bgs): | 20.64 | Depth to Bedrock (ft):  | NA             |           |            |
| B. TOC to Grade (ft):         | 2.7   | TOC Elevation (ft):     | 406.4          |           |            |
| C. Depth to Water TOC (ft):   | 14.3  | G. Well Volume Factors: | 1" = 0.041     | 5" = 1.02 | 9" = 3.31  |
| D. Water Column Height (ft):  | 8.7   | = (A + B) - C           | 2" = 0.163     | 6" = 1.47 | 10" = 4.08 |
| E. Total Well Volume (gal):   | 22.69 | = D*G                   | 3" = 0.367     | 7" = 1.99 | 11" = 4.93 |
| F. Purge (3 volumes) (gal):   | 68.07 | = E*3                   | 4" = 0.653     | 8" = 2.61 | 12" = 5.88 |

### Purge

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

### Sampling

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

### Appearance

|                  |
|------------------|
| Clear, odorless. |
|------------------|

### Comments

|     |
|-----|
| NA. |
|-----|

|                                                                                   |                                                                                   |             |             |    |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------|-------------|----|
|  | 349 Northern Blvd<br>Albany, NY 12204<br>Phone: 518.453.2203<br>Fax: 518.689.4800 | Well No:    | RW-3        |    |
|                                                                                   |                                                                                   | Date(s):    | 11/1/2017   |    |
|                                                                                   |                                                                                   | Weather     | Temperature |    |
|                                                                                   |                                                                                   | Rainy       | High:       | 47 |
| <h2 style="text-align: center;">Well Sampling Field Record</h2>                   |                                                                                   |             | Low:        | 31 |
|                                                                                   |                                                                                   |             |             |    |
| Project:                                                                          | Maestri Site                                                                      | Project No. | E17-1532    |    |
| Location:                                                                         | 904 State Fair Blvs, Syracuse, NY 13209                                           |             |             |    |

### Well Info

|                               |       |                         |                                     |           |            |
|-------------------------------|-------|-------------------------|-------------------------------------|-----------|------------|
| Well #:                       | RW-3  | Well Location:          | Inside fence, northeast corner side |           |            |
| Well Diameter (in):           | 6     | Well Condition:         | OK                                  |           |            |
| A. Total Well Depth (ft bgs): | 25.33 | Depth to Bedrock (ft):  | NA                                  |           |            |
| B. TOC to Grade (ft):         | 1     | TOC Elevation (ft):     | 407.01                              |           |            |
| C. Depth to Water TOC (ft):   | 16.6  | G. Well Volume Factors: | 1" = 0.041                          | 5" = 1.02 | 9" = 3.31  |
| D. Water Column Height (ft):  | 9.73  | = (A + B) - C           | 2" = 0.163                          | 6" = 1.47 | 10" = 4.08 |
| E. Total Well Volume (gal):   | 14.28 | = D*G                   | 3" = 0.367                          | 7" = 1.99 | 11" = 4.93 |
| F. Purge (3 volumes) (gal):   | 42.85 | = E*3                   | 4" = 0.653                          | 8" = 2.61 | 12" = 5.88 |

### Purge

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

### Sampling

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

### Appearance

|                         |
|-------------------------|
| Clear with swampy odor. |
|-------------------------|

### Comments

|                                              |
|----------------------------------------------|
| Enough water was purged to collect a sample. |
|----------------------------------------------|



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

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

## Well Sampling Field Record

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

### Well Info

|                               |       |                         |                          |           |            |
|-------------------------------|-------|-------------------------|--------------------------|-----------|------------|
| Well #:                       | RW-5  | Well Location:          | Inside fence, South side |           |            |
| Well Diameter (in):           | 6     | Well Condition:         | OK                       |           |            |
| A. Total Well Depth (ft bgs): | 24.53 | Depth to Bedrock (ft):  | NA                       |           |            |
| B. TOC to Grade (ft):         | 1     | TOC Elevation (ft):     | 409.18                   |           |            |
| C. Depth to Water TOC (ft):   | 15.1  | G. Well Volume Factors: | 1" = 0.041               | 5" = 1.02 | 9" = 3.31  |
| D. Water Column Height (ft):  | 10.43 | = (A + B) - C           | 2" = 0.163               | 6" = 1.47 | 10" = 4.08 |
| E. Total Well Volume (gal):   | 15.31 | = D * G                 | 3" = 0.367               | 7" = 1.99 | 11" = 4.93 |
| F. Purge (3 volumes) (gal):   | 45.93 | = E * 3                 | 4" = 0.653               | 8" = 2.61 | 12" = 5.88 |

### Purge

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

### Sampling

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

### Appearance

|                                               |
|-----------------------------------------------|
| Brown and cloudy at first. Then purged clear. |
|-----------------------------------------------|

### Comments

|     |
|-----|
| NA. |
|-----|

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

### Well Info

|                               |       |                         |                       |           |            |
|-------------------------------|-------|-------------------------|-----------------------|-----------|------------|
| Well #:                       | RW-6  | Well Location:          | Backyard of residence |           |            |
| Well Diameter (in):           | 6     | Well Condition:         | OK                    |           |            |
| A. Total Well Depth (ft bgs): | 21.86 | Depth to Bedrock (ft):  | NA                    |           |            |
| B. TOC to Grade (ft):         | Flush | TOC Elevation (ft):     | 393.64                |           |            |
| C. Depth to Water TOC (ft):   | 5.1   | G. Well Volume Factors: | 1" = 0.041            | 5" = 1.02 | 9" = 3.31  |
| D. Water Column Height (ft):  | 16.76 | = (A + B) - C           | 2" = 0.163            | 6" = 1.47 | 10" = 4.08 |
| E. Total Well Volume (gal):   | 24.60 | = D*G                   | 3" = 0.367            | 7" = 1.99 | 11" = 4.93 |
| F. Purge (3 volumes) (gal):   | 73.8  | = E*3                   | 4" = 0.653            | 8" = 2.61 | 12" = 5.88 |

### Purge

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

### Sampling

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

### Appearance

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

### Comments

|     |
|-----|
| NA. |
|-----|

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

### Well Info

|                               |       |                         |                         |           |            |
|-------------------------------|-------|-------------------------|-------------------------|-----------|------------|
| Well #:                       | RW-7  | Well Location:          | Outside fence east side |           |            |
| Well Diameter (in):           | 6     | Well Condition:         | OK                      |           |            |
| A. Total Well Depth (ft bgs): | 27.5  | Depth to Bedrock (ft):  | NA                      |           |            |
| B. TOC to Grade (ft):         | 1     | TOC Elevation (ft):     | 405.76                  |           |            |
| C. Depth to Water TOC (ft):   | 15    | G. Well Volume Factors: | 1" = 0.041              | 5" = 1.02 | 9" = 3.31  |
| D. Water Column Height (ft):  | 13.5  | = (A + B) - C           | 2" = 0.163              | 6" = 1.47 | 10" = 4.08 |
| E. Total Well Volume (gal):   | 19.81 | = D * G                 | 3" = 0.367              | 7" = 1.99 | 11" = 4.93 |
| F. Purge (3 volumes) (gal):   | 59.45 | = E * 3                 | 4" = 0.653              | 8" = 2.61 | 12" = 5.88 |

### Purge

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

### Sampling

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

### Appearance

|                                                             |
|-------------------------------------------------------------|
| Initially brown but translucent. Swampy odor. Turned clear. |
|-------------------------------------------------------------|

### Comments

|     |
|-----|
| NA. |
|-----|

|                                                                                  |                                                                                   |          |             |             |    |  |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------|-------------|-------------|----|--|
|  | 349 Northern Blvd<br>Albany, NY 12204<br>Phone: 518.453.2203<br>Fax: 518.689.4800 | Well No: | RW-8        |             |    |  |
|                                                                                  |                                                                                   | Date(s): | 11/1/2017   |             |    |  |
|                                                                                  |                                                                                   | Weather  |             | Temperature |    |  |
|                                                                                  |                                                                                   | Rainy    |             | High:       | 47 |  |
| <h2 style="text-align: center;">Well Sampling Field Record</h2>                  |                                                                                   |          | Low:        | 31          |    |  |
|                                                                                  |                                                                                   |          |             |             |    |  |
| Project:                                                                         | Maestri Site                                                                      |          | Project No. | E17-1532    |    |  |
| Location:                                                                        | 904 State Fair Blvs, Syracuse, NY 13209                                           |          |             |             |    |  |

### Well Info

|                               |       |                         |                                    |           |            |  |
|-------------------------------|-------|-------------------------|------------------------------------|-----------|------------|--|
| Well #:                       | RW-8  | Well Location:          | Outside fence, north side, in path |           |            |  |
| Well Diameter (in):           | 6     | Well Condition:         | OK                                 |           |            |  |
| A. Total Well Depth (ft bgs): | 24.5  | Depth to Bedrock (ft):  | NA                                 |           |            |  |
| B. TOC to Grade (ft):         | 1     | TOC Elevation (ft):     | 406.81                             |           |            |  |
| C. Depth to Water TOC (ft):   | 13.75 | G. Well Volume Factors: | 1" = 0.041                         | 5" = 1.02 | 9" = 3.31  |  |
| D. Water Column Height (ft):  | 11.75 | = (A + B) - C           | 2" = 0.163                         | 6" = 1.47 | 10" = 4.08 |  |
| E. Total Well Volume (gal):   | 17.25 | = D*G                   | 3" = 0.367                         | 7" = 1.99 | 11" = 4.93 |  |
| F. Purge (3 volumes) (gal):   | 51.75 | = E*3                   | 4" = 0.653                         | 8" = 2.61 | 12" = 5.88 |  |

### Purge

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

### Sampling

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

### Appearance

|                                     |
|-------------------------------------|
| Initially very brown, turned clear. |
|-------------------------------------|

### Comments

|                |
|----------------|
| DUP collected. |
|----------------|

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

### Well Info

|                               |       |                         |                       |           |            |
|-------------------------------|-------|-------------------------|-----------------------|-----------|------------|
| Well #:                       | PZ-4  | Well Location:          | Backyard of residence |           |            |
| Well Diameter (in):           | 2     | Well Condition:         | OK                    |           |            |
| A. Total Well Depth (ft bgs): | 19.5  | Depth to Bedrock (ft):  | NA                    |           |            |
| B. TOC to Grade (ft):         | Flush | TOC Elevation (ft):     | 394.37                |           |            |
| C. Depth to Water TOC (ft):   | 6.15  | G. Well Volume Factors: | 1" = 0.041            | 5" = 1.02 | 9" = 3.31  |
| D. Water Column Height (ft):  | 13.35 | = (A + B) - C           | 2" = 0.163            | 6" = 1.47 | 10" = 4.08 |
| E. Total Well Volume (gal):   | 2.18  | = D*G                   | 3" = 0.367            | 7" = 1.99 | 11" = 4.93 |
| F. Purge (3 volumes) (gal):   | 6.5   | = E*3                   | 4" = 0.653            | 8" = 2.61 | 12" = 5.88 |

### Purge

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

### Sampling

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

### Appearance

|                    |
|--------------------|
| Brown hue, cloudy. |
|--------------------|

### Comments

|     |
|-----|
| NA. |
|-----|

|                                                                                   |                                                                                   |             |             |    |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------|-------------|----|
|  | 349 Northern Blvd<br>Albany, NY 12204<br>Phone: 518.453.2203<br>Fax: 518.689.4800 | Well No:    | PZ-20       |    |
|                                                                                   |                                                                                   | Date(s):    | 11/1/2017   |    |
|                                                                                   |                                                                                   | Weather     | Temperature |    |
|                                                                                   |                                                                                   | Rainy       | High:       | 47 |
| Well Sampling Field Record                                                        |                                                                                   |             | Low:        | 31 |
|                                                                                   |                                                                                   |             |             |    |
| Project:                                                                          | Maestri Site                                                                      | Project No. | E17-1532    |    |
| Location:                                                                         | 904 State Fair Blvs, Syracuse, NY 13209                                           |             |             |    |

#### Well Info

|                               |       |                         |            |           |            |
|-------------------------------|-------|-------------------------|------------|-----------|------------|
| Well #:                       | PZ-20 | Well Location:          | Off-site   |           |            |
| Well Diameter (in):           | 2     | Well Condition:         | OK         |           |            |
| A. Total Well Depth (ft bgs): | 20    | Depth to Bedrock (ft):  | NA         |           |            |
| B. TOC to Grade (ft):         | Flush | TOC Elevation (ft):     | 386        |           |            |
| C. Depth to Water TOC (ft):   | 4.6   | G. Well Volume Factors: | 1" = 0.041 | 5" = 1.02 | 9" = 3.31  |
| D. Water Column Height (ft):  | 15.4  | = (A + B) - C           | 2" = 0.163 | 6" = 1.47 | 10" = 4.08 |
| E. Total Well Volume (gal):   | 2.5   | = D * G                 | 3" = 0.367 | 7" = 1.99 | 11" = 4.93 |
| F. Purge (3 volumes) (gal):   | 7.50  | = E * 3                 | 4" = 0.653 | 8" = 2.61 | 12" = 5.88 |

#### Purge

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

#### Sampling

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

#### Appearance

|        |
|--------|
| Murky. |
|--------|

#### Comments

|     |
|-----|
| NA. |
|-----|



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

## Well Sampling Field Record

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

### Well Info

|                               |       |                         |            |           |            |
|-------------------------------|-------|-------------------------|------------|-----------|------------|
| Well #:                       | PZ-21 | Well Location:          | Off-site   |           |            |
| Well Diameter (in):           | 2     | Well Condition:         | OK         |           |            |
| A. Total Well Depth (ft bgs): | 19.5  | Depth to Bedrock (ft):  | NA         |           |            |
| B. TOC to Grade (ft):         | Flush | TOC Elevation (ft):     | 386.7      |           |            |
| C. Depth to Water TOC (ft):   | -     | G. Well Volume Factors: | 1" = 0.041 | 5" = 1.02 | 9" = 3.31  |
| D. Water Column Height (ft):  | 19.5  | = (A + B) - C           | 2" = 0.163 | 6" = 1.47 | 10" = 4.08 |
| E. Total Well Volume (gal):   | 3.18  | = D*G                   | 3" = 0.367 | 7" = 1.99 | 11" = 4.93 |
| F. Purge (3 volumes) (gal):   | 9.54  | = E*3                   | 4" = 0.653 | 8" = 2.61 | 12" = 5.88 |

### Purge

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

### Sampling

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

### Appearance

|                 |
|-----------------|
| Clear to murky. |
|-----------------|

### Comments

|     |
|-----|
| NA. |
|-----|

## **APPENDIX C**

### Laboratory Analytical Results



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

REPORT OF ANALYSES

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

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

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

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

Page 1 of 1

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

NYSDOH LAB ID NO. 11246

APPROVED BY:

  
(Terms and Conditions on Reverse Side)

**Barbara L. DuChene  
Laboratory Manager**

**Surrogate Recovery:**

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



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REPORT OF ANALYSES

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

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

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

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

Page 1 of 1

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

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

**Barbara L. DuChene**  
Laboratory Manager

**Surrogate Recovery:**

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



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

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

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

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

Page 1 of 1

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

NYSDOH LAB ID NO. 11246

APPROVED BY:

  
(Terms and Conditions on Reverse Side)

Barbara L. DuChene  
Laboratory Manager

**Surrogate Recovery:**

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



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REPORT OF ANALYSES

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

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

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

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

Page 1 of 1

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

NYSDOH LAB ID NO. 11246

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Barbara L. DuChene  
Laboratory Manager

**Surrogate Recovery:**

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



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REPORT OF ANALYSES

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

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

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

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

Page 1 of 1

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

NYSDOH LAB ID NO. 11246

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(Terms and Conditions on Reverse Side)

Barbara L. DuChene  
Laboratory Manager

**Surrogate Recovery:**

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



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

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

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

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

Page 1 of 1

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

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene  
Laboratory Manager

**Surrogate Recovery:**

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



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REPORT OF ANALYSES

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

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

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

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

Page 1 of 1

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

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene  
Laboratory Manager

**Surrogate Recovery:**

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



**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: E17-1532 Maestri Project  
DATE: 11/14/2017

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

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

Page 1 of 1

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

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene  
Laboratory Manager

**Surrogate Recovery:**

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



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REPORT OF ANALYSES

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

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

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

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

Page 1 of 1

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

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene  
Laboratory Manager

**Surrogate Recovery:**

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



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REPORT OF ANALYSES

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

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

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

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

Page 1 of 1

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

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene  
Laboratory Manager

**Surrogate Recovery:**

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



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REPORT OF ANALYSES

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

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

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

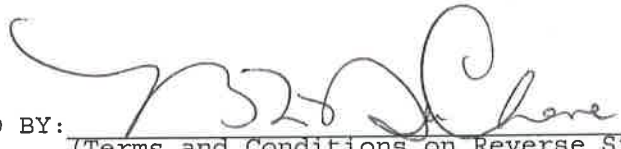
SAMPLE MATRIX- GW  
TIME SAMPLED- 1425  
RECEIVED BY- SB  
TYPE SAMPLE- Grab

Page 1 of 1

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

NYSDOH LAB ID NO. 11246

APPROVED BY:

  
(Terms and Conditions on Reverse Side)

Barbara L. DuChene  
Laboratory Manager

**Surrogate Recovery:**

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



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REPORT OF ANALYSES

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

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

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

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

Page 1 of 1

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

NYSDOH LAB ID NO. 11246

APPROVED BY:

  
(Terms and Conditions on Reverse Side)

Barbara L. DuChene  
Laboratory Manager

**Surrogate Recovery:**

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

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



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

CES BATCH NO: G2590

PAGE 4 OF 2

Turn-Around Time

☒ Standard ☐ 5 Working Days ☐ 3 Working Days  
☐ 2 Working Days ☐ 1 Working Days

CLIENT NAME: Envirospec Eng.

CLIENT PHONE: (315) 453-2203 FAX: 17-1532

ADDRESS: 349 Northern Blvd. Suite 3

PROJECT #/NAME/PO #: Marshall Project

CONTACT NAME: Charlotte Verhoeve

Remarks

| CES LOG NUMBERS<br><small>(INTERNAL USE/DO NOT WRITE)</small> | Collected |       | Matrix | Grab or<br>Comp. | CLIENT ID/SAMPLE LOCATION | Number |   |   |   |   |   |   |   |   |    |  |  |  |  |
|---------------------------------------------------------------|-----------|-------|--------|------------------|---------------------------|--------|---|---|---|---|---|---|---|---|----|--|--|--|--|
|                                                               | Date      | Time  |        |                  |                           | 1      | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |  |  |  |  |
| 750728                                                        | 11/11/17  | 9:50  | water  | 6                | MW-9                      | 2      | X |   |   |   |   |   |   |   |    |  |  |  |  |
| 729                                                           |           | 10:35 |        |                  | PZ-21                     |        |   |   |   |   |   |   |   |   |    |  |  |  |  |
| 730                                                           |           | 10:15 |        |                  | RW-8                      |        |   |   |   |   |   |   |   |   |    |  |  |  |  |
| 731                                                           |           | 10:15 |        |                  | DUP                       |        |   |   |   |   |   |   |   |   |    |  |  |  |  |
| 732                                                           |           | 11:15 |        |                  | PZ-20                     |        |   |   |   |   |   |   |   |   |    |  |  |  |  |
| 733                                                           |           | 11:15 |        |                  | RW-7                      |        |   |   |   |   |   |   |   |   |    |  |  |  |  |
| 734                                                           |           | 11:55 |        |                  | PZ-4                      |        |   |   |   |   |   |   |   |   |    |  |  |  |  |
| 735                                                           |           | 12:05 |        |                  | MW-2A                     |        |   |   |   |   |   |   |   |   |    |  |  |  |  |
| 736                                                           |           | 12:55 |        |                  | RW-3                      |        |   |   |   |   |   |   |   |   |    |  |  |  |  |
| 737                                                           |           | 13:15 |        |                  | RW-6                      |        |   |   |   |   |   |   |   |   |    |  |  |  |  |

Preservative Codes: A=Unpreserved B=H<sub>2</sub>SO<sub>4</sub> C=HCl D=NaOH E=Ascorbic Acid F=HNO<sub>3</sub>  
G=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> H= \_\_\_\_\_ I= \_\_\_\_\_

Parameter and Method:

|    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 1  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Sample bottle: Type \_\_\_\_\_ Size \_\_\_\_\_

Preservative Code: \_\_\_\_\_

Number of Containers: 2

RELINQUISHED BY: Name: Charlotte Verhoeve Date: 11/17 Time: 1511

Signature: [Signature]

Company: EnviroSpec Eng.

RECEIVED BY: Name: Sharon Barry

Signature: [Signature]

Name: [Signature]

Signature: [Signature]

Samples Received in Good Condition: ☐ Yes ☐ No

Receipt Temperature: 2.0 °C



Certified  
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Services, Inc.

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

### Sample Receiving Checklist

Client Name: EnviroSpec

Batch Number: 62590 Yes No If No Explain:

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

H<sub>2</sub>SO<sub>4</sub> WC HNO<sub>3</sub> MP NaOH WCSP Ascorbic Acid WC  
HCl WCSP Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> WC Other \_\_\_\_\_ Not Available ☐

Additional Comments/Client Correspondence \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DOCUMENT ID: SRCL 100914

Approved by: AG

Date Put In Place: 10/9/14

**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:** 62591  
Standard TAT is end of business day business. Rush next day business. Rush

**Turn-Around Time**

☒ Standard ☐ 5 Work  
☐ 2 Working Days ☐ 1

PAGE 2 OF 2

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

Standard ☐ 5 Working Days ☐ 3 Working Days

|               |            |             |                              |      |
|---------------|------------|-------------|------------------------------|------|
| CLIENT NAME:  | Envirospec | Ena.        | CLIENT PHONE: (518) 453-2203 | FAX: |
| DATE: 12/1/93 |            | TIME: 10:00 | SCHEDULED DAYS: TS           |      |
| DATE: 12/1/93 |            | TIME: 10:00 | SCHEDULED DAYS: TS           |      |

|          |                            |                      |          |
|----------|----------------------------|----------------------|----------|
| ADDRESS: | 349 Northern Blvd. Suite 3 | PROJECT #/NAME/PO #: | E17-1532 |
|----------|----------------------------|----------------------|----------|

CONTACT NAME: Charles He Vanhoel

| CES LOG NUMBERS<br>(INTERNAL USED DO NOT WRITE) | Collected |      | Matrix | Grab or<br>Comp. | Number |  |  |  |  |  |    |
|-------------------------------------------------|-----------|------|--------|------------------|--------|--|--|--|--|--|----|
|                                                 | Date      | Time |        |                  |        |  |  |  |  |  |    |
|                                                 |           |      |        |                  | 1      |  |  |  |  |  | 10 |
|                                                 |           |      |        |                  | 2      |  |  |  |  |  | 9  |
|                                                 |           |      |        |                  | 3      |  |  |  |  |  | 8  |
|                                                 |           |      |        |                  | 4      |  |  |  |  |  | 7  |
|                                                 |           |      |        |                  | 5      |  |  |  |  |  | 6  |
|                                                 |           |      |        |                  | 6      |  |  |  |  |  | 5  |
|                                                 |           |      |        |                  | 7      |  |  |  |  |  | 4  |
|                                                 |           |      |        |                  | 8      |  |  |  |  |  | 3  |
|                                                 |           |      |        |                  | 9      |  |  |  |  |  | 2  |
|                                                 |           |      |        |                  | 10     |  |  |  |  |  | 1  |

[illegible][illegible][illegible]

| Year | Percentage of Population Aged 65 and Over |
|------|-------------------------------------------|
| 1950 | 7.5%                                      |
| 1960 | 8.5%                                      |
| 1970 | 9.5%                                      |
| 1980 | 10.5%                                     |
| 1990 | 11.5%                                     |
| 2000 | 12.5%                                     |
| 2010 | 13.5%                                     |
| 2020 | 14.5%                                     |
| 2030 | 15.5%                                     |
| 2040 | 16.5%                                     |
| 2050 | 17.5%                                     |

[illegible][illegible][illegible][illegible][illegible][illegible]

|                |                                                                                                                                                                     |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sample bottle: |                                                                                                                                                                     |
| Preservative   | <p>Preservative Codes: A= Unpreserved <math>H_2SO_4</math> H=</p> <p>C=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> E=Ascorbic Acid</p> <p>D=NaOH F=HNO<sub>3</sub></p> |

| Parameter and Method: | Type | Size | Code: | 11 | 12 | Remarks: |
|-----------------------|------|------|-------|----|----|----------|
|                       | Type | Size | Code: | 11 | 12 | Remarks: |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
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2 Name (Print): CHARLOTTE VERHOEF

[illegible][illegible][illegible]

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| 5 |  |  |  |  |                  |      |      |              |   |

Name: Charlotte Verhoeff  
11/1/17

[illegible][illegible]

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| 9  |  |  |  | Signature: | Signature: |
| 10 |  |  |  | Signature: | Signature: |

Samples Received in Good Condition: ☐ Yes ☒ No

Receipt Temperature: 70 °C

[illegible]



Certified  
Environmental  
Services, Inc.

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

### Sample Receiving Checklist

Client Name: Envirospec

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

H<sub>2</sub>SO<sub>4</sub> WC    HNO<sub>3</sub> MP    NaOH WCSP    Ascorbic Acid WC  
HCl WCSP    Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> WC    Other \_\_\_\_\_    Not Available ☐

Additional Comments/Client Correspondence \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DOCUMENT ID: SRCL 100914

Approved by: AG

Date Put In Place: 10/9/14

## **APPENDIX D**

### **Site Inspection Report**

|                                                                                                                                                                                                                                                        |                                               |                  |                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------|----------------------------------------|
|  <div style="display: inline-block; vertical-align: middle;"> 349 Northern Blvd. Suite 3<br/> Albany, NY 12204<br/> Phone: 518.453.2203<br/> Fax: 518.689.4800 </div> |                                               | Date: 11-01-2017 |                                        |
|                                                                                                                                                                                                                                                        |                                               | Time: 13:00      |                                        |
| <b>Site Inspection Report</b>                                                                                                                                                                                                                          |                                               | Weather          |                                        |
|                                                                                                                                                                                                                                                        |                                               | Cloudy           | Temperature<br>High 47° F<br>Low 31° F |
| Client                                                                                                                                                                                                                                                 | Stauffer Management Company LLC               | Project No.      | E17-1532                               |
| Location                                                                                                                                                                                                                                               | Maestri Site, 904 State Fair Blvd, Geddes, NY | Inspected By:    | C. Verhoef and D. Bissonnette          |

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

| Site Security                                                                                                                      | Circle one                           |                                    |                                     | Comments/Action Required                                     |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------|-------------------------------------|--------------------------------------------------------------|
| 1. Was gate closed and locked when arriving at site?                                                                               | <input checked="" type="radio"/> Y   | <input type="radio"/> N            | <input type="radio"/> NA            |                                                              |
| 2. Are there any holes or breaks in the fencing?                                                                                   | <input type="radio"/> Y              | <input checked="" type="radio"/> N | <input type="radio"/> NA            |                                                              |
| 3. Was the door to the treatment shed locked?                                                                                      | <input checked="" type="radio"/> Y   | <input type="radio"/> N            | <input type="radio"/> NA            |                                                              |
| 4. Is the back gate closed and locked?                                                                                             | <input checked="" type="radio"/> Y   | <input type="radio"/> N            | <input type="radio"/> NA            |                                                              |
| 5. Are there any signs of vandalism or unauthorized entry (odd tire tracks, damage to fence, strange debris [bottles, cans, etc])? | <input type="radio"/> Y              | <input checked="" type="radio"/> N | <input type="radio"/> NA            |                                                              |
| 5a. If so, explain below and notify SMC and Envirospec immediately                                                                 |                                      |                                    |                                     |                                                              |
| <b>Wells</b>                                                                                                                       |                                      |                                    |                                     |                                                              |
| 6. Are wells intact? (except PZ-10 and MW-13) which has been damaged)                                                              | <input checked="" type="radio"/> Y   | <input type="radio"/> N            | <input type="radio"/> NA            |                                                              |
| 7. Are all wells covered (with lid or cap)? (except wells noted below)                                                             | <input checked="" type="radio"/> Y   | <input type="radio"/> N            | <input type="radio"/> NA            |                                                              |
| 8. Are all wells locked? (except wells noted below)                                                                                | <input checked="" type="radio"/> Y   | <input type="radio"/> N            | <input type="radio"/> NA            |                                                              |
| <b>Site Maintenance</b>                                                                                                            |                                      |                                    |                                     |                                                              |
| 9. Is there any garbage or debris? If so, please remove/discard.                                                                   | <input type="radio"/> Y              | <input checked="" type="radio"/> N | <input type="radio"/> NA            |                                                              |
| 10. Is there visible dust?                                                                                                         | <input type="radio"/> Y              | <input checked="" type="radio"/> N | <input type="radio"/> NA            |                                                              |
| 11. Does the grass need to be mowed?                                                                                               | <input type="radio"/> Y              | <input checked="" type="radio"/> N | <input type="radio"/> NA            |                                                              |
| 12. Do any areas need to be weeded or shrub cleared?                                                                               | <input type="radio"/> Y              | <input checked="" type="radio"/> N | <input type="radio"/> NA            | Perimeter of property (fence)                                |
| 13. Are there any bald spots in grassy areas?                                                                                      | <input type="radio"/> Y              | <input type="radio"/> N            | <input type="radio"/> NA            | Ruts along entrance                                          |
| 14. Are the access roads clear?                                                                                                    | <input checked="" type="radio"/> Y   | <input type="radio"/> N            | <input type="radio"/> NA            |                                                              |
| 15. Do any areas (site roads or access to wells) need to be plowed?                                                                | <input type="radio"/> Y              | <input checked="" type="radio"/> N | <input type="radio"/> NA            |                                                              |
| 16. Are there any sink holes throughout the site?                                                                                  | <input type="radio"/> Y              | <input checked="" type="radio"/> N | <input type="radio"/> NA            |                                                              |
| 17. Any odors onsite?                                                                                                              | <input type="radio"/> Y              | <input checked="" type="radio"/> N | <input type="radio"/> NA            |                                                              |
| 18. Are site signs still up and visible?                                                                                           | <input checked="" type="radio"/> Y   | <input type="radio"/> N            | <input type="radio"/> NA            |                                                              |
| <b>Erosion Control</b>                                                                                                             |                                      |                                    |                                     |                                                              |
| 19. Is silt fence still intact and upright?                                                                                        | <input type="radio"/> Y              | <input type="radio"/> N            | <input checked="" type="radio"/> 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)                                                             | <input type="radio"/> Y              | <input checked="" type="radio"/> N | <input type="radio"/> NA            |                                                              |
| 21. Is there any standing, ponded, or pools of water?                                                                              | <input checked="" type="radio"/> Y   | <input type="radio"/> N            | <input type="radio"/> NA            | In new ruts along the entrance                               |
| 22. Are there any signs of runoff at the northeast corner? (stone area)                                                            | <input type="radio"/> Y              | <input checked="" type="radio"/> N | <input type="radio"/> NA            |                                                              |
| 23. Is there currently any surface water runoff?                                                                                   | <input type="radio"/> Y              | <input checked="" type="radio"/> N | <input type="radio"/> NA            |                                                              |
| 23a. If so, describe where, approximate flow, and appearance of water below.                                                       |                                      |                                    |                                     |                                                              |
| <b>Treatment System</b>                                                                                                            |                                      |                                    |                                     |                                                              |
| 24. Are the breakers for the pumps still in the off position?                                                                      | <input checked="" type="radio"/> Y   | <input type="radio"/> N            | <input type="radio"/> NA            |                                                              |
| 25. Does effluent totalizer on the wall for still read 2846902?                                                                    | <input type="radio"/> Y              | <input checked="" type="radio"/> N | <input type="radio"/> NA            | Has changed due to sump pump emptying during sampling events |
| 25a. If not, contact Envirospec or SMC immediately and check that effluent valve is closed. Still pumping from RW 5 and 6.         |                                      |                                    |                                     |                                                              |
| 26. Are all critical valves in the closed position?                                                                                | <input checked="" type="radio"/> Y   | <input type="radio"/> N            | <input type="radio"/> NA            |                                                              |
| 27. Are there any system status alarms on the computer?                                                                            | <input type="radio"/> Y              | <input type="radio"/> N            | <input checked="" type="radio"/> NA |                                                              |
| 27a. If so, describe below how they have been handled. (this does not include well level alarms)                                   |                                      |                                    |                                     |                                                              |
| 28. Are all flow values on computer "zero"?                                                                                        | <input type="radio"/> Y              | <input type="radio"/> N            | <input checked="" type="radio"/> NA |                                                              |
| ("Flow to sewer," "Tot flow to sewer," "tot daily flow," and "TGAL" for each well should each be "zero")                           |                                      |                                    |                                     |                                                              |
| 29. Check level of sump. Does sump need to be pumped out?                                                                          | <input type="radio"/> Y              | <input checked="" type="radio"/> N | <input type="radio"/> NA            |                                                              |
| 30. List water level for each recovery well as shown on computer. (total depth of well is shown in brackets)                       |                                      |                                    |                                     |                                                              |
| RW-7 (not online)                                                                                                                  | <input checked="" type="radio"/> N/A |                                    | RW-5 [24.5']                        | <input checked="" type="radio"/> N/A                         |
| RW-2 (not online)                                                                                                                  | <input checked="" type="radio"/> N/A |                                    | RW-8 (not online)                   | <input checked="" type="radio"/> N/A                         |
| RW-3 (not online)                                                                                                                  | <input checked="" type="radio"/> N/A |                                    | RW-6 [21.8']                        | <input checked="" type="radio"/> N/A                         |
| 31. Are any recovery wells at close to overtopping? (ref total depth above)                                                        | <input type="radio"/> Y              | <input type="radio"/> N            | <input checked="" type="radio"/> NA |                                                              |
| <b>Upon leaving the site, check the following:</b>                                                                                 |                                      |                                    |                                     |                                                              |
| 32. Is the treatment shed locked?                                                                                                  | <input checked="" type="radio"/> Y   | <input type="radio"/> N            | <input type="radio"/> NA            |                                                              |
| 33. Were the gates closed and locked after leaving site?                                                                           | <input checked="" type="radio"/> Y   | <input type="radio"/> N            | <input type="radio"/> NA            |                                                              |

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

Signature of Inspector:

Charlotte Verhoef and Daniel Bissonnette

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



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

Date: 11-01-2017

Time: 13:00

## Site Inspection Report

*Continuation Page(s)*

Page 2 of 2

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

### General Site Observations:

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

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|                                         |
| Fill in ruts along entrance and reseed. |
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Signature of Inspector: *Charlotte Verhoef and Daniel Bissonnette*