Woman Owned Business
Aztech Environmental
TECHNOLOGIES
5 McCrea Hill Road • Ballston Spa, New York 12020

Charles T Gregory
NYSDEC
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7014

October 8, 2019

Re: First and Second Quarter, 2019 O&M Status Report - Mohonk Road Industrial Site
Site Number: 356023

Mr. Gregory,

Aztech Environmental Technologies (Aztech) has prepared the following correspondence to summarize operation and maintenance activities and laboratory analytical results for the above referenced project. The fieldwork summarized within this report includes operation and maintenance activities and system sampling results conducted by Aztech for the first and second quarters of 2019.

January 8, 2019
Aztech personnel mobilized to the site to perform maintenance and collect routine system samples. The system was running upon arrival. Samples were collected from recovery wells 7R, ERT-1, 5R as well as the combined system influent and system effluent. System readings were also recorded. Samples were later sent to Test America for VOC analysis via Method 624. The analytical results of the system samples are summarized in the table below

After collecting the samples the system was shut down to exercise the flow valves and clean the flow meters. The system was subsequently restarted and was running upon departure from the site.

Analytical Results – January 8, 2019
Concentrations in µg/L

Sample	1,1-DCA	1,1-DCE	1,1,1-TCA	TCE
7R	26	10	72	2.0J
ERT-1	11	27	85	8.0
5R	2.0J	8.2	31	3.2J
Combined Influent	13	16	66	4.5J
Effluent	ND	ND	ND	ND
Notes:	ND = Non-Detect J = Approx. Value			

January 25, 2019
Aztech personnel mobilized to the site to perform maintenance and record system readings. The system was running upon arrival. The system was shut down to exercise valves and clean the flow

meters. Additionally, the sump pump that had previously malfunctioned was replaced with a new pump. The system was subsequently restarted and was running upon departure from the site.

February 7, 2019

Aztech personnel mobilized to the site to perform maintenance and collect routine system samples. The system was running upon arrival. Samples were collected from recovery wells 7R, ERT-1, 5R as well as the combined system influent and, system effluent. System readings were also recorded. Samples were later sent to Test America for VOC analysis via Method 624. The analytical results of the system samples are summarized in the table below.

After collecting the samples the system was shut down to exercise the flow valves and clean the flow meters. The system was subsequently restarted and was running upon departure from the site.

Analytical Results – February 7, 2019
Concentrations in µg/L

Sample	1,1-DCA	1,1-DCE	1,1,1-TCA	TCE
7R	31	13	93	2.2J
ERT-1	11	25	84	7.5
5R	3.1J	13	48	4.6J
Combined Influent	16	19	81	5.0
Effluent	ND	ND	ND	ND
Notes:	ND = Non-Detect J = Approx. Value			

February 21, 2019

Aztech personnel mobilized to the site to perform maintenance and record system readings. The system was running upon arrival. The system was shut down to exercise the flow valves and clean the flow meters. The system was subsequently restarted and was running upon departure from the site.

March 7, 2019

Aztech personnel mobilized to the site to perform maintenance and collect routine system samples. The system was running upon arrival. Samples were collected from recovery wells 7R, ERT-1, 5R as well as the combined system influent and, system effluent. System readings were also recorded. Samples were later sent to Test America for VOC analysis via Method 624. The analytical results of the system samples are summarized in the table below.

After collecting the samples the system was shut down to exercise the flow valves and clean the flow meters. The system was subsequently restarted and was running upon departure from the site.

Analytical Results – March 7, 2019 Concentrations in µg/L				
Sample	**1,1-DCA**	**1,1-DCE**	**1,1,1-TCA**	**TCE**
7R	34	13	96	2.4J
ERT-1	4.9J	12	39	3.4J
5R	1.3J	6.2	23	2.0J
Combined Influent	6.7	8.1	35	2.1J
Effluent	ND	ND	0.5J	ND
Notes:	ND = Non-Detect J = Approx. Value			

March 16, 2019

Aztech personnel mobilized to the site to perform maintenance and record system readings. The system was running upon arrival. The system was shut down to exercise the flow valves and clean the flow meters. The system was subsequently restarted and was running upon departure from the site.

April 3, 2019

Aztech personnel mobilized to the site to perform maintenance and collect routine system samples. The system was down upon arrival due to power outage. The system was restarted successfully upon arrival. Samples were collected from recovery wells 7R, ERT-1, 5R as well as the combined system influent and, system effluent. System readings were also recorded. Samples were later sent to Test America for VOC analysis via Method 624. The analytical results of the system samples are summarized in the table below.

After collecting the samples the system was shut down to exercise the flow valves and clean the flow meters. The system was subsequently restarted and was running upon departure from the site. Additionally, during this mobilization, five drums of Redux 390 were received and stored in the chemical room for future use.

Analytical Results – April 3, 2019 Concentrations in µg/L				
Sample	**1,1-DCA**	**1,1-DCE**	**1,1,1-TCA**	**TCE**
7R	28	11	78	1.9J
ERT-1	15	29	110	9.6
5R	0.9J	4.6J	21	2.1J
Combined Influent	15	19	87	5.1
Effluent	ND	ND	ND	ND
Notes:	ND = Non-Detect J = Approx. Value			

April 11, 2019

Aztech personnel mobilized to the site to perform maintenance. The system was down upon arrival due to a transfer pump alarm condition on the 5th of April. The pump was cleaned, tested, and the system restarted. The system and was running upon departure from the site.

April 17, 2019

Aztech personnel mobilized to the site to perform maintenance. The system was down upon arrival. It was initially suspected that the transfer pump failed on April 12, 2019 and caused the

system to go down. The pump was removed for servicing. Upon inspection of the system it was determined that the transfer pump VFD had malfunctioned. The system was not running on departure.

April 29, 2019

Due to scheduling difficulties the first visit for May 2019 occurred in April. Aztech personnel mobilized to the site to perform maintenance and collect routine system samples. The system was down upon arrival. The serviced transfer pump was reinstalled as well as a new VFD.

The system was restarted and samples were collected from recovery wells 7R, ERT-1, 5R as wells as the combined system influent and, system effluent. System readings were also recorded. Samples were later sent to Test America for VOC analysis via Method 624. The system was running upon departure from the site. The analytical results of the system samples are summarized in the table below.

Analytical Results – April 29, 2019
Concentrations in µg/L

Sample	1,1-DCA	1,1-DCE	1,1,1-TCA	TCE
7R	130	32	330	2.5J
ERT-1	31	63	290	21
5R	7.3J	28	130	8.1
Combined Influent	43	27	190	8.5
Effluent	ND	ND	ND	ND
Notes:	ND = Non-Detect J = Approx. Value			

May 14, 2019

Aztech personnel mobilized to the site to perform maintenance and record system readings. The system was running upon arrival. The system was shut down to exercise the flow valves and clean the flow meters. The system was subsequently restarted and it was noted that the transducer in well 7R had malfunctioned and needed replacement. The system was running upon departure from the site.

June 5, 2018

Aztech personnel mobilized to the site to perform maintenance and collect routine system samples. The system was running upon arrival. Samples were collected from recovery wells 7R, ERT-1, 5R as well as the combined system influent and, system effluent. System readings were also recorded. Samples were later sent to Test America for VOC analysis via Method 624. The analytical results of the system samples are summarized below.

After collecting the samples the system was shut down to exercise the flow valves and clean the flow meters. A new transducer was placed in well 7R. The system was subsequently restarted and was running upon departure from the site.

Analytical Results – June 5, 2018 Concentrations in µg/L				
Sample	**1,1-DCA**	**1,1-DCE**	**1,1,1-TCA**	**TCE**
7R	39	12	97	1.8J
ERT-1	10	23	77	6.6
5R	4.5J	18	68	5.5
Combined Influent	19	18	86	5.2
Effluent	ND	ND	.47J	ND
Notes:	ND = Non-Detect J = Approx. Value			

June 18, 2018

Aztech personnel mobilized to the site to perform maintenance and record system readings. The system was running upon arrival. Routine grounds maintenance was conducted. The system was shut down to exercise the flow valves and clean the flow meters. The system was subsequently restarted and was running upon departure from the site.

Summary and Recommendations

Operational issues have been identified during the ongoing operation and maintenance activities conducted at the site. As such, Aztech offers the following recommendations for NYSDEC's consideration:

- Acetone: During the routine O&M mobilization on March 9th, 2018, technicians collected additional samples at the request of NYSDEC in an effort to determine the cause of frequent detections of acetone in the effluent stream. The results for the three chosen locations (directly from the influent batch treatment tank, directly downstream of the bag filter housings, and directly from the effluent pump drain port) all reported a ND result. The effluent sampling port is only several feet downstream of the effluent pump drain port, indicating that the source of acetone may be located in this section of piping. However, further testing would be required to make this determination. It is important to note that the detections of acetone in the effluent stream have consistently been significantly lower than the 50 ug/L limitation imposed by the SPDES-equivalent discharge permit, and have generally been reported as with a "J" qualifier. This qualifier indicates that the detection of acetone is lower than the reporting limit (RL) but greater than the method detection limit (MDL), and the concentration is an approximated value. It is hypothesized that this detection is the result of a solvent used to bond the PVC joints together, or similar, leaching into the process stream. At this time it is recommended that the acetone level be monitored, but that no further action be taken unless the detected concentration of acetone increases.
- Grounds Maintenance: In the past, the property owner would mow the lawn adjacent to and in front of the treatment building. Aztech would weed whack the remainder of the vegetation. However, the property is now under new management and this has discontinued. Aztech proposes that a small push mower be purchased and dedicated to the site to reduce potential wear and tear on the existing weed whacker. This will ensure that the vegetation surrounding the building is properly maintained.
- Building Maintenance: A number of years ago an ice dam damaged the gutters on one side of the building, beyond repair. This caused improper roof drainage. This has exasperated previously repaired damages to the aging skylight, causing additional leaking within the

building during precipitation. It also presents drainage and potentially damaging ice buildup during the cold months. Aztech suggests that the destroyed gutters be replaced and the skylight be assessed for further repair.

- Operational Costs: Aztech will continue to evaluate methods to decrease operational costs and improve treatment efficiency of the system.

Aztech would like to thank you for the opportunity to offer our services for this site.

If you have any questions or comments regarding the information contained herein, please contact our office at 518-885-5383.

Sincerely,
Aztech Environmental Technologies

Andrew Talbot
Project Engineer

Attachments:
- Field Log Sheets
- Laboratory Analytical Reports

Mohonk Road - Groundwater Remediation System Checklist

Date: 1/8/19 Personnel Onsite Initials: MD/ZC

Input Name	Flow Rates (On Meter)	Totalizer (Procontrol)
(ER1FLO)	8.95	11583422
(W7RFLO)	9.05	12722642
(W5RFLO)	8.90	8526674

Input Name	Water Level (Procontrol)
W5RLVL	-56.75
W7RLVL	-57.05
ER1LVL	-55.78

Location/ Input name	Pressure (Procontrol)
Transfer Pump (PREBAG)	4.4
Air Stripper (AS_PRS)	28.02
Discharge Pump (DSCPRS)	23.3

Location	Temp (Procontrol)
Room (RM_TMP)	57.9
Air Stripper (AS_TMP)	64.1
Discharge Pump (H2OTMP)	49.7

Exterior of building checked and grounds maintained (weedwack, etc)	Y / N
pH Probe calibrated due to discrepency	Y / N
Clean influent flow meters	Y / N
Exercise flow valves	Y / N
Duplicate Sample ID	—

Location	pH
Effluent (EFF_PH)	8.68
Effluent (Measured)	

Redux remaining (in. from bottom)	4 inch

Move 40 new drum

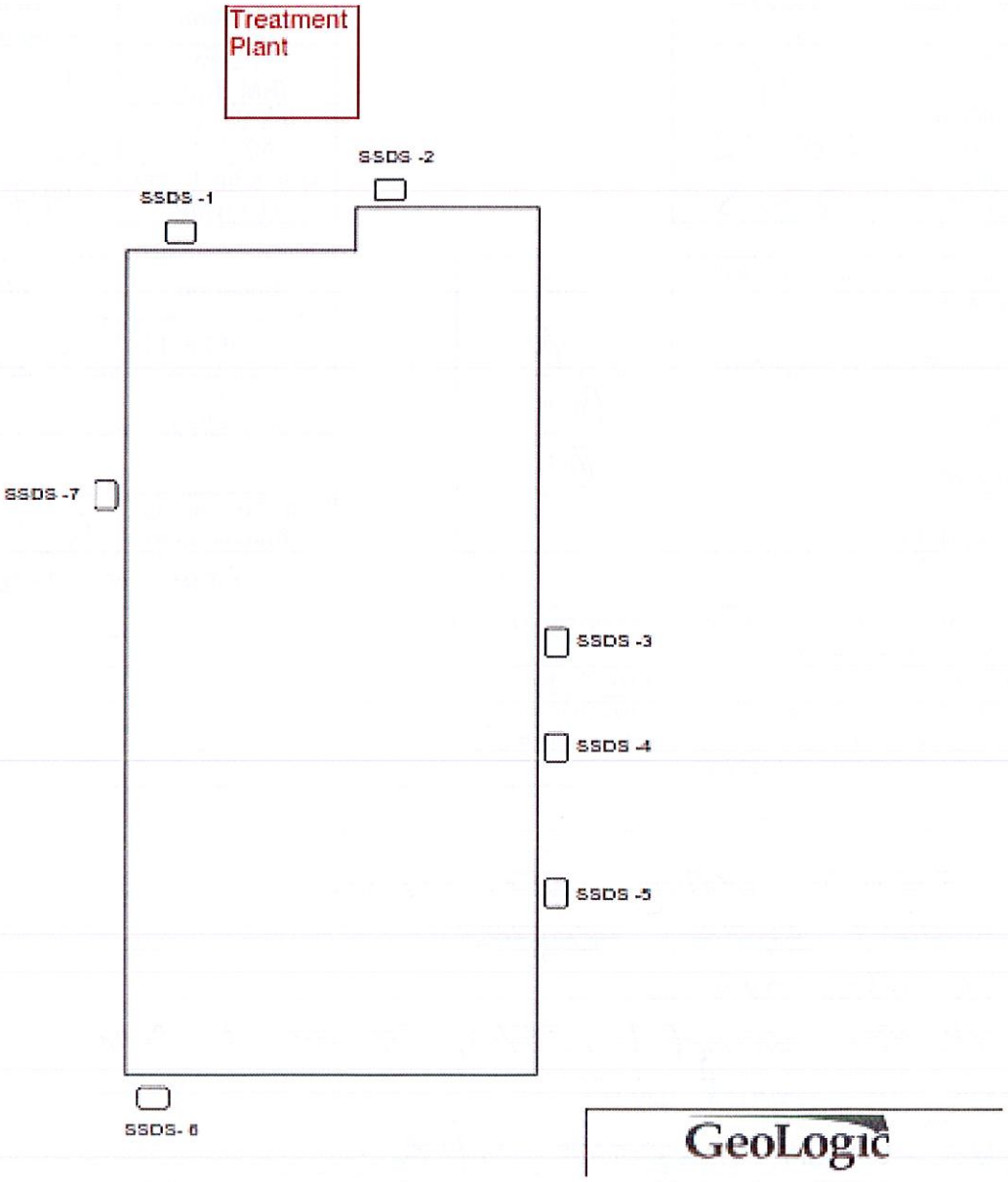
Take the following steps to record the flow totalizer for each well on the ProControl
i. Login to ProControl (Password: EOS).
ii. Once logged in, press the "I/O Up" key until "ER1FLO" is on the display
iii. Press "Set Hi/Lo" key until "Totalizer" is displayed and record the value
iv. Once value is recorded, press "Set Hi/Lo" until "ER1FLO" is on the display
v. Repeat steps ii-iv for W7RFLO and W5RFLO

Notes:
- system running upon arrival
- collect system samples
- clean flow meters
- check tanks around building do see if running
- clean up around plant
- Eye wash expired 9/18

Mohonk Road - SSD System Checklist

Date: 1/8/19

Fan	On/Off
1	On
2	On
3	On
4	On
5	On
6	On
7	On



GeoLogic

Mohonk Road - Groundwater Remediation System Checklist

Date: 1/25/17 **Personnel Onsite Initials:** MD/JS

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	8.00	117907.18
(W7RFLO)	8.00	12929016
(W5RFLO)	8.00	8729450

Input Name	*Water Level (Procontrol)*
W5RLVL	-60.60
W7RLVL	-60.89
ER1LVL	-59.42

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	4.2
Air Stripper (AS_PRS)	27.72
Discharge Pump (DSCPRS)	24.5

Location	*Temp (Procontrol)*
Room (RM_TMP)	55.9
Air Stripper (AS_TMP)	65.8
Discharge Pump (H2OTMP)	50.5

Exterior of building checked and grounds maintained (weedwack, etc)	Y / N
pH Probe calibrated due to discrepency	Y / N
Clean influent flow meters	Y / N
Exercise flow valves	Y / N
Duplicate Sample ID	—

Location	*pH*
Effluent (EFF_PH)	8.62
Effluent (Measured)	~8.0

Redux remaining (in. from bottom)	20"

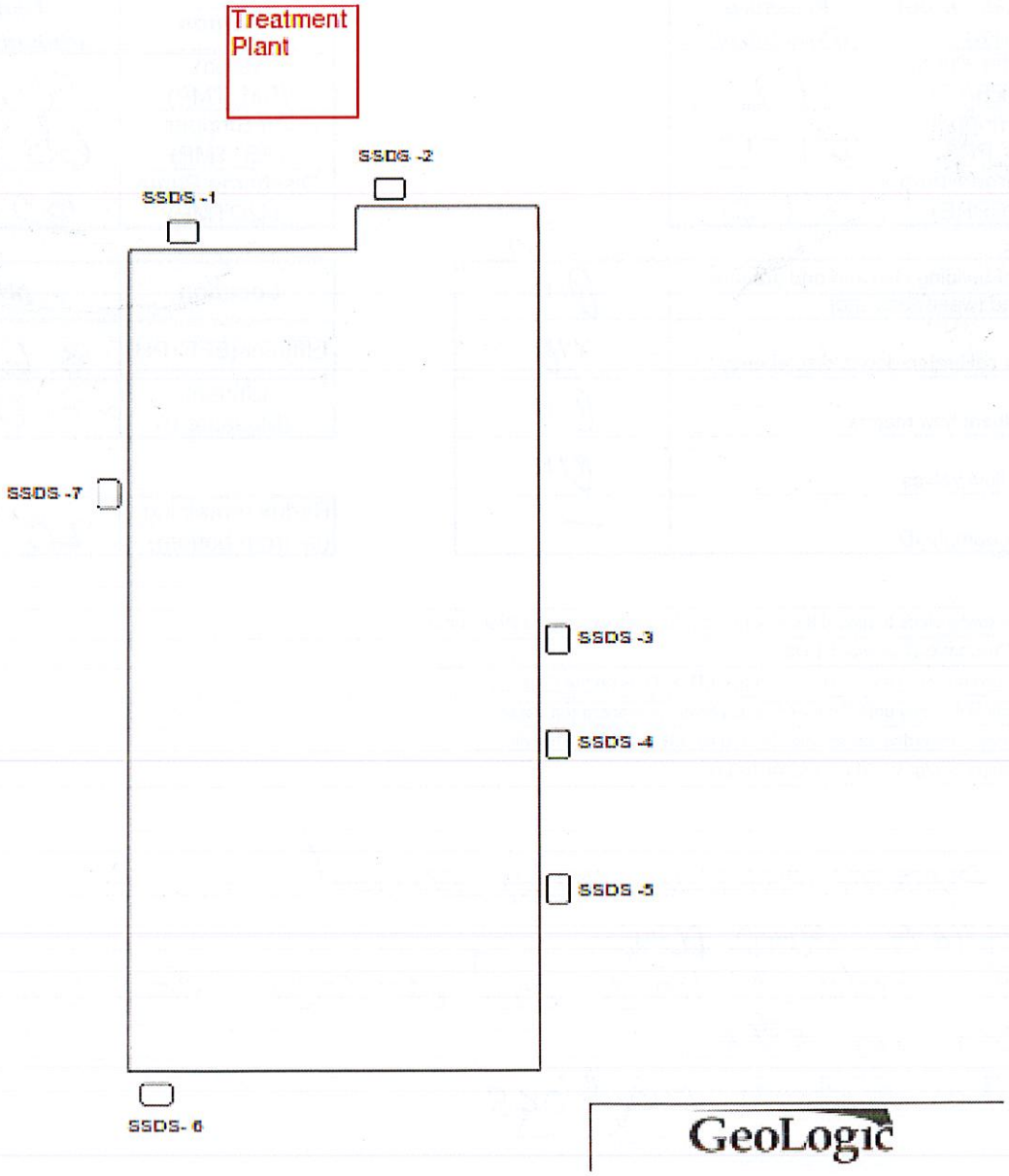
Take the following steps to record the flow totalizer for each well on the ProControl
i. Login to ProControl (Password: EOS).
ii. Once logged in, press the "I/O Up" key until "ER1FLO" is on the display
iii. Press "Set Hi/Lo" key until "Totalizer" is displayed and record the value
iv. Once value is recorded, press "Set Hi/Lo" until "ER1FLO" is on the display
v. Repeat steps ii-iv for W7RFLO and W5RFLO

Notes: -System running upon arrival
- replace sump pump
- clean influent lines and exercise flow valves
- clean up site
- Take system readings

Mohonk Road - SSD System Checklist

Date: 1/25/19

Fan	On/Off
1	On
2	On
3	On
4	On
5	On
6	On
7	On



GeoLogic

Mohonk Road - Groundwater Remediation System Checklist

Date: 2-7-19 **Personnel Onsite Initials:** Lewis / John S

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	8.1	8.1
(W7RFLO)	8.0	8.0
(W5RFLO)	8.1	8.1

Input Name	*Water Level (Procontrol)*
W5RLVL	-59.90
W7RLVL	-60.79
ER1LVL	-58.74

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	4.2 ?
Air Stripper (AS_PRS)	27.35
Discharge Pump (DSCPRS)	24

Location	*Temp (Procontrol)*
Room (RM_TMP)	61.
Air Stripper (AS_TMP)	72.4
Discharge Pump (H2OTMP)	56

Exterior of building checked and grounds maintained (weedwack, etc)	Y / (N)
pH Probe calibrated due to discrepency	Y / (N)
Clean influent flow meters	(Y) / N
Exercise flow valves	(Y) / N
Duplicate Sample ID	N

Location	*pH*
Effluent (EFF_PH)	8.62
Effluent (Measured)	7.0

Redux remaining (in. from bottom)	9"

Take the following steps to record the flow totalizer for each well on the ProControl
i. Login to ProControl (Password: EOS).
ii. Once logged in, press the "I/O Up" key until "ER1FLO" is on the display
iii. Press "Set Hi/Lo" key until "Totalizer" is displayed and record the value
iv. Once value is recorded, press "Set Hi/Lo" until "ER1FLO" is on the display
v. Repeat steps ii-iv for W7RFLO and W5RFLO

Notes:

Mohonk Road - SSD System Checklist

Date: _____

Fan	On/Off
1	✓
2	✓
3	✓
4	✓
5	✓
6	✓
7	OFF ?

NOT FOR LONG

GeoLogic

Mohonk Road - Groundwater Remediation System Checklist

Date: 2-21-19 **Personnel Onsite Initials:** LA/JK

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	8.30	8.3
(W7RFLO)	8.20	8.1
(W5RFLO)	8.25	8.2

Input Name	*Water Level (Procontrol)*
W5RLVL	-57.48
W7RLVL	57.20
ER1LVL	-55.94

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	0
Air Stripper (AS_PRS)	27.20
Discharge Pump (DSCPRS)	24.7

Location	*Temp (Procontrol)*
Room (RM_TMP)	62.6
Air Stripper (AS_TMP)	74.6
Discharge Pump (H2OTMP)	50.8

Exterior of building checked and grounds maintained (weedwack, etc)	Y (N)
pH Probe calibrated due to discrepency	Y (N)
Clean influent flow meters	(Y) N
Exercise flow valves	(Y) N
Duplicate Sample ID	

Location	*pH*
Effluent (EFF_PH)	8.62
Effluent (Measured)	7.8

Redux remaining (in. from bottom)	24 in.

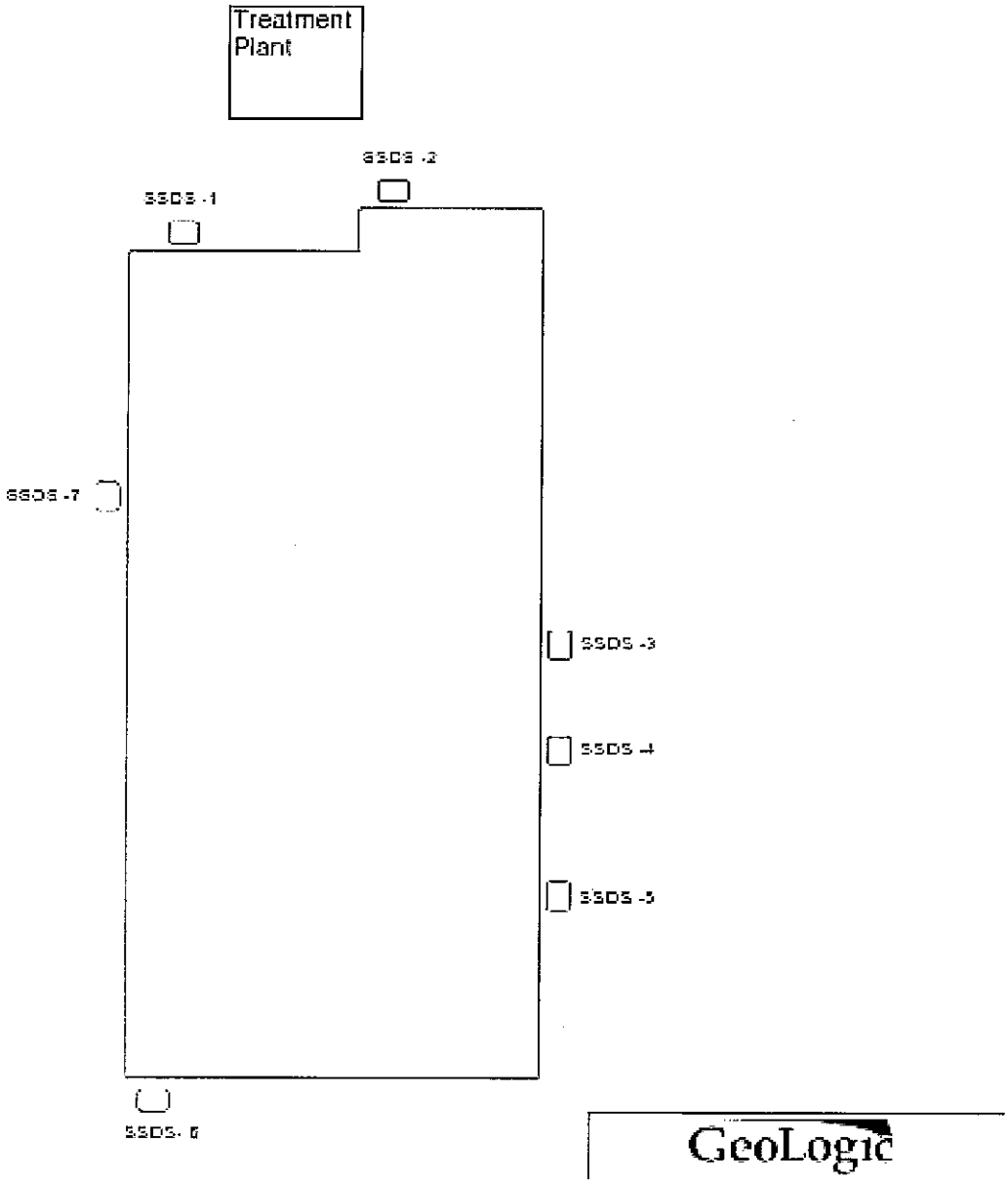
Take the following steps to record the flow totalizer for each well on the ProControl
i. Login to ProControl (Password: EOS).
ii. Once logged in, press the "I/O Up" key until "ER1FLO" is on the display
iii. Press "Set Hi/Lo" key until "Totalizer" is displayed and record the value
iv. Once value is recorded, press "Set Hi/Lo" until "ER1FLO" is on the display
v. Repeat steps ii-iv for W7RFLO and W5RFLO

Notes: System Running OK
Clean flow meters
Lots of snow coming off the roof.

Mohonk Road - SSD System Checklist

Date: _____

Fan	*On/Off*
1	on
2	ON
3	on
4	on
5	on
6	on
7	on



GeoLogic

Mohonk Road - Groundwater Remediation System Checklist

Date: 3/7/19 **Personnel Onsite Initials:** MD/ZC

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	8.20	12269539
(W7RFLO)	8.15	13402162
(W5RFLO)	8.20	9208143

Input Name	*Water Level (Procontrol)*
W5RLVL	-57.27
W7RLVL	-55.74
ER1LVL	-56.15

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	4.7
Air Stripper (AS_PRS)	28.69
Discharge Pump (DSCPRS)	24.7

Location	*Temp (Procontrol)*
Room (RM_TMP)	45.1
Air Stripper (AS_TMP)	51.6
Discharge Pump (H2OTMP)	49.7

Exterior of building checked and grounds maintained (weedwack, etc)	(Y) / N
pH Probe calibrated due to discrepency	Y / (N)
Clean influent flow meters	(Y) / N
Exercise flow valves	(Y) / N
Duplicate Sample ID	—

Location	*pH*
Effluent (EFF_PH)	8.59
Effluent (Measured)	8.0

Redux remaining (in. from bottom)	9.5"

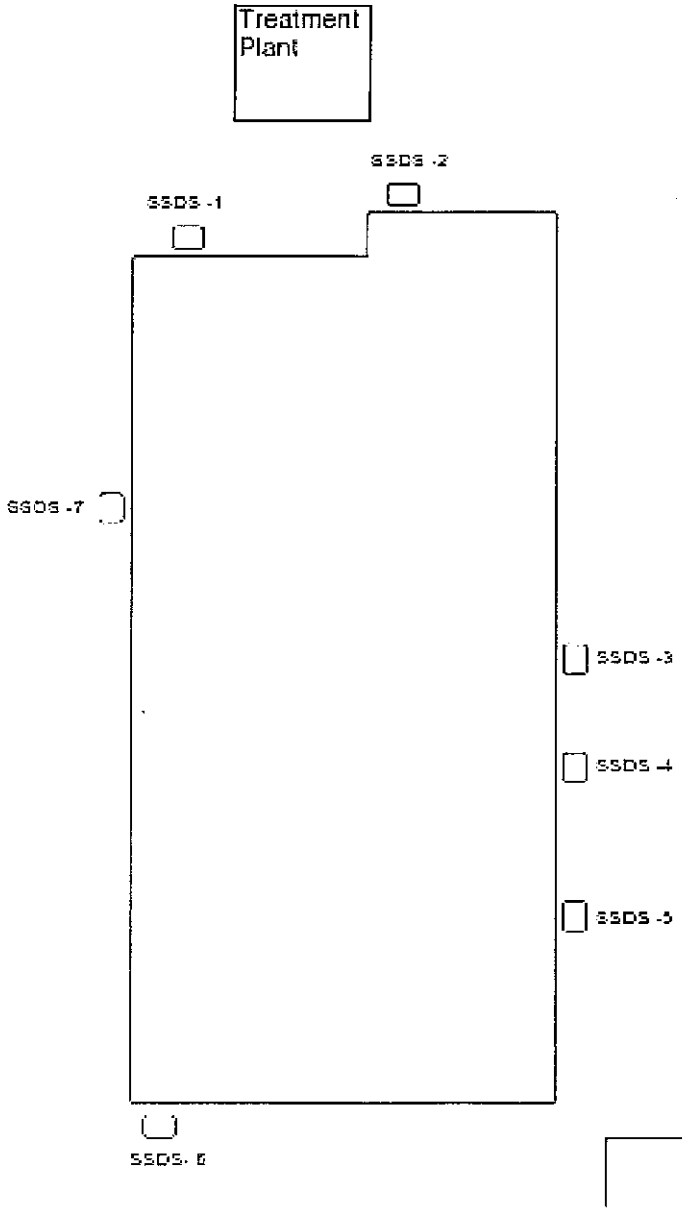
Take the following steps to record the flow totalizer for each well on the ProControl
i. Login to ProControl (Password: EOS).
ii. Once logged in, press the "I/O Up" key until "ER1FLO" is on the display
iii. Press "Set Hi/Lo" key until "Totalizer" is displayed and record the value
iv. Once value is recorded, press "Set Hi/Lo" until "ER1FLO" is on the display
v. Repeat steps ii-iv for W7RFLO and W5RFLO

Notes:
- system running upon arrival
- collect system samples
- collect system parameters
- clean influent lines
- exercise flow valves
- clean up building

Mohonk Road - SSD System Checklist

Date: 3/7/19

Fan	On/Off
1	On
2	On
3	On
4	On
5	On
6	On
7	On



GeoLogic

Mohonk Road - Groundwater Remediation System Checklist

Date: 3/8/19 **Personnel Onsite Initials:** CA JG

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	8.5	12397698
(W7RFLO)	8.5	13529399
(W5RFLO)	8.3	9337435

Input Name	*Water Level (Procontrol)*
W5RLVL	56.26
W7RLVL	53.81
ER1LVL	54.33

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	4.5
Air Stripper (AS_PRS)	27.99
Discharge Pump (DSCPRS)	24

Location	*Temp (Procontrol)*
Room (RM_TMP)	48
Air Stripper (AS_TMP)	60.2
Discharge Pump (H2OTMP)	50.2

Exterior of building checked and grounds maintained (weedwack, etc)	(Y)/N
pH Probe calibrated due to discrepency	Y/(N)
Clean influent flow meters	(Y)/N
Exercise flow valves	(Y)/N
Duplicate Sample ID	

Location	*pH*
Effluent (EFF_PH)	8.17
Effluent (Measured)	8.2

Redux remaining (in. from bottom)	Full

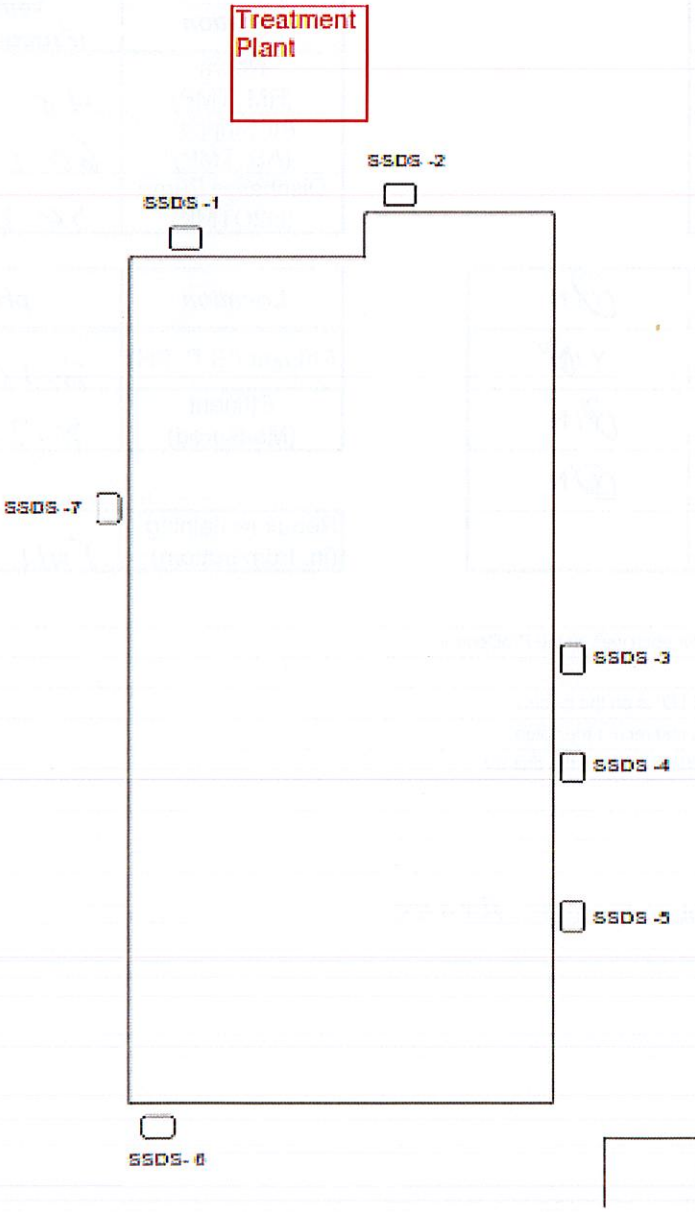
Take the following steps to record the flow totalizer for each well on the ProControl
i. Login to ProControl (Password: EOS).
ii. Once logged in, press the "I/O Up" key until "ER1FLO" is on the display
iii. Press "Set Hi/Lo" key until "Totalizer" is displayed and record the value
iv. Once value is recorded, press "Set Hi/Lo" until "ER1FLO" is on the display
v. Repeat steps ii-iv for W7RFLO and W5RFLO

Notes: PUT ON NEW DRUM OF REDOX

Mohonk Road - SSD System Checklist

Date: _____

Fan	*On/Off*
1	ON
2	ON
3	ON
4	ON
5	ON
6	ON
7	ON



GeoLogic

Mohonk Road - Groundwater Remediation System Checklist

Date: 4-3-19 **Personnel Onsite Initials:** LH - TS

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	PRO 8.5/8.50	12577770
(W7RFLO)	PRO 8.4/8.5	13707768
(W5RFLO)	PRO 8.7/8.65	9518749

Input Name	*Water Level (Procontrol)*
W5RLVL	50.07
W7RLVL	61.74
ER1LVL	48.52

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	4.6
Air Stripper (AS_PRS)	26.77
Discharge Pump (DSCPRS)	24.6

Location	*Temp (Procontrol)*
Room (RM_TMP)	57.3
Air Stripper (AS_TMP)	80.9
Discharge Pump (H2OTMP)	50.02

Exterior of building checked and grounds maintained (weedwack, etc)	(Y) / N
pH Probe calibrated due to discrepency	Y / (N)
Clean influent flow meters	(Y) / N
Exercise flow valves	(Y) / N
Duplicate Sample ID	MO

Location	*pH*
Effluent (EFF_PH)	8.5
Effluent (Measured)	8.0

Redux remaining (in. from bottom)	17

Take the following steps to record the flow totalizer for each well on the ProControl
i. Login to ProControl (Password: EOS).
ii. Once logged in, press the "I/O Up" key until "ER1FLO" is on the display
iii. Press "Set Hi/Lo" key until "Totalizer" is displayed and record the value
iv. Once value is recorded, press "Set Hi/Lo" until "ER1FLO" is on the display
v. Repeat steps ii-iv for W7RFLO and W5RFLO

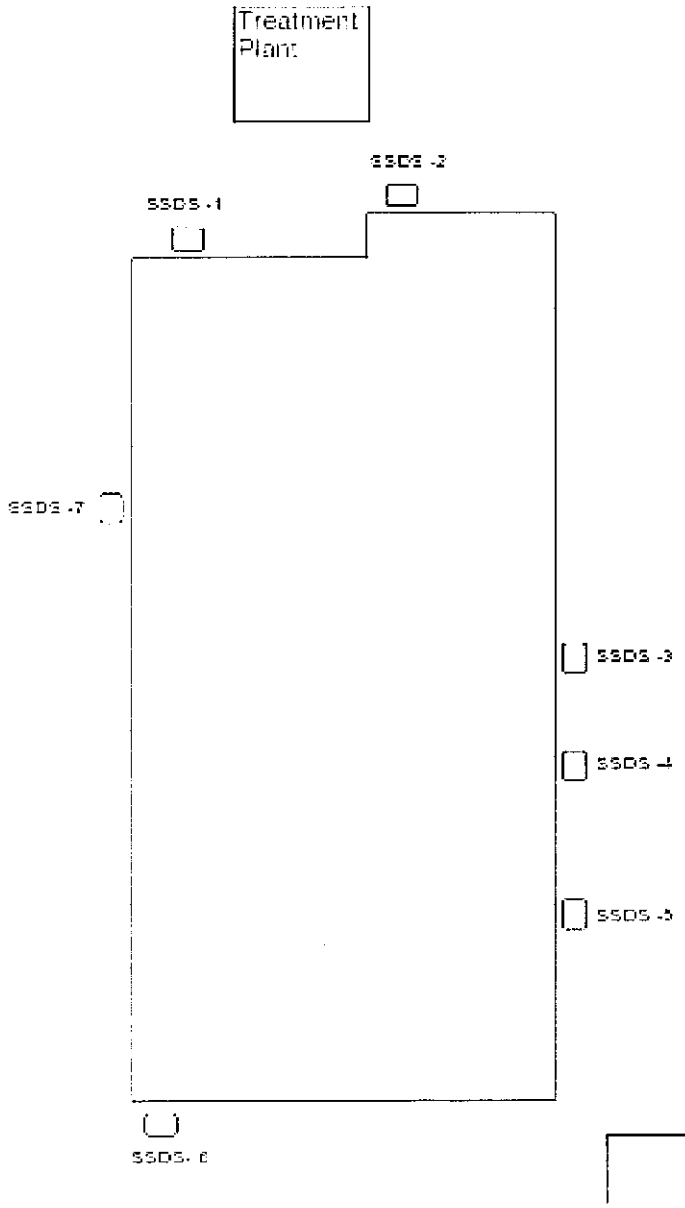
Notes: Syste Down on arrival Reset & Started
Turn Bushes around conduct for Delivery of Chemical

5 Drums of Redox Delivered. Samples Septa
Take Receipt Bring Back 3 OK Kits & 2 Empty
Drums

Mohonk Road - SSD System Checklist

Date:

Fan	*On/Off*
1	ON
2	
3	
4	
5	
6	
7	



GeoLogic

Mohonk Road - Groundwater Remediation System Checklist

Date: 4/11/19 **Personnel Onsite Initials:** CA BG

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	9.2	9.2/126070827
(W7RFLO)	9.8	9.1/13236499
(W5RFLO)	9.4	9.4/9548337

Input Name	*Water Level (Procontrol)*
W5RLVL	-38.75
W7RLVL	-45.12
ER1LVL	-36.01

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	4.2
Air Stripper (AS_PRS)	27.3
Discharge Pump (DSCPRS)	24.7

Location	*Temp (Procontrol)*
Room (RM_TMP)	51.6
Air Stripper (AS_TMP)	65.6
Discharge Pump (H2OTMP)	46.5

Exterior of building checked and grounds maintained (weedwack, etc)	Y / N
pH Probe calibrated due to discrepency	Y / N
Clean influent flow meters	(Y) / N
Exercise flow valves	Y / N
Duplicate Sample ID	

Location	*pH*
Effluent (EFF_PH)	7.08
Effluent (Measured)	

Redux remaining (in. from bottom)	FULL

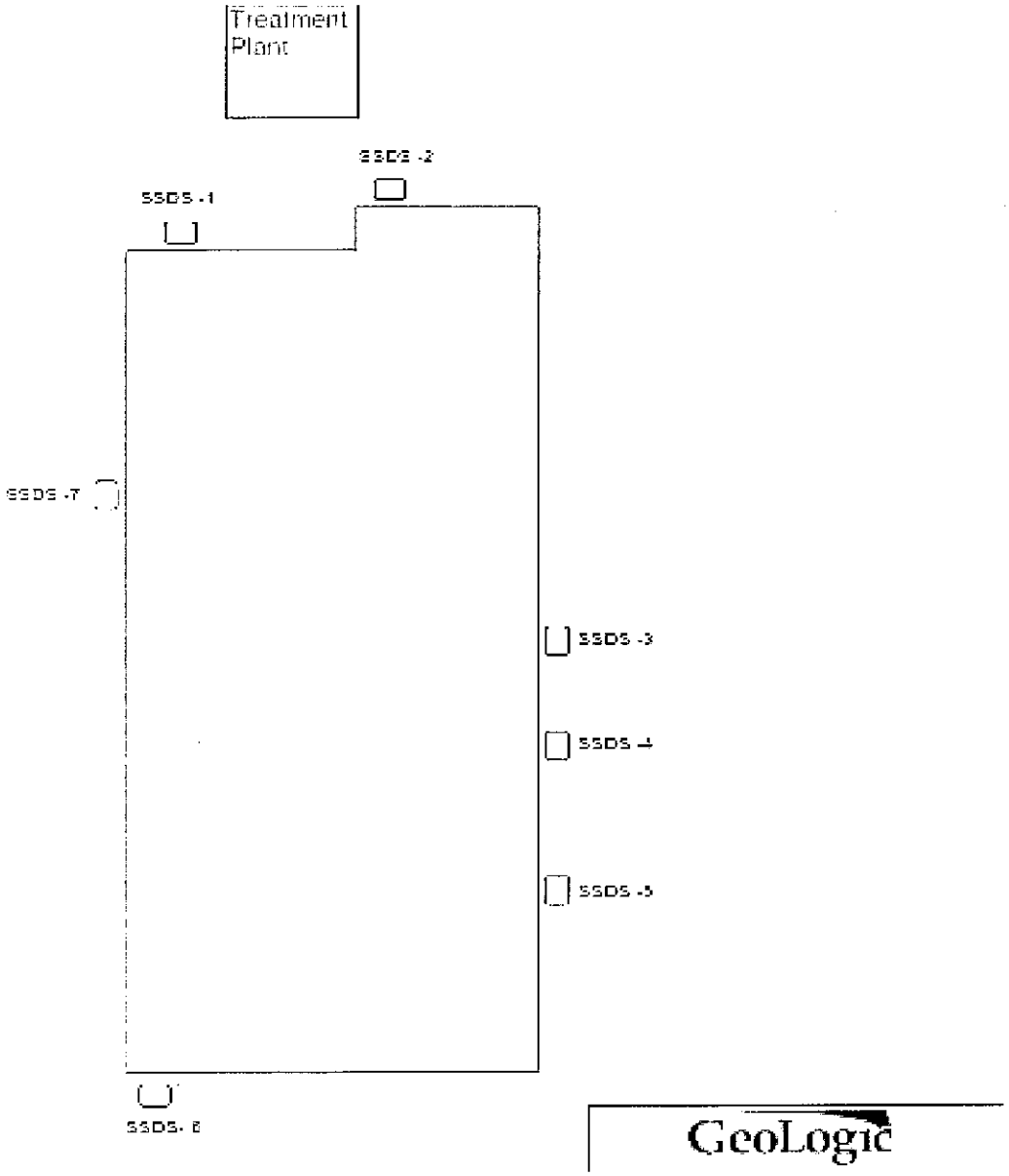
Take the following steps to record the flow totalizer for each well on the ProControl
i. Login to ProControl (Password: EOS).
ii. Once logged in, press the "I/O Up" key until "ER1FLO" is on the display
iii. Press "Set Hi/Lo" key until "Totalizer" is displayed and record the value
iv. Once value is recorded, press "Set Hi/Lo" until "ER1FLO" is on the display
v. Repeat steps ii-iv for W7RFLO and W5RFLO

Notes: CLEANED TRANSFER PUMP, VFD SHOWS 0.8 AMPS MAX 1.5 AMPS WITH AMP CLAMP. RUNNING ON DUPLEX

Mohonk Road - SSD System Checklist

Date:

Fan	*On/Off*
1	ON
2	ON
3	ON
4	ON
5	ON
6	ON
7	ON



GeoLogic

Mohonk Road - Groundwater Remediation System Checklist

Date: 4/17/19 **Personnel Onsite Initials:** AT + GL

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	—	12,624,559
(W7RFLO)	—	13,753,583
(W5RFLO)	—	9,565,921

Input Name	*Water Level (Procontrol)*
W5RLVL	-32.21
W7RLVL	-34.93
ER1LVL	-25.53

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	—
Air Stripper (AS_PRS)	—
Discharge Pump (DSCPRS)	—

Location	*Temp (Procontrol)*
Room (RM_TMP)	55.0
Air Stripper (AS_TMP)	53.8
Discharge Pump (H2OTMP)	52.7

Exterior of building checked and grounds maintained (weedwack, etc)	Y / N
pH Probe calibrated due to discrepency	Y / N
Clean influent flow meters	Y / N
Exercise flow valves	Y / N
Duplicate Sample ID	N/A

Location	*pH*
Effluent (EFF_PH)	—
Effluent (Measured)	—

Redux remaining (in. from bottom)	Full

Take the following steps to record the flow totalizer for each well on the ProControl
i. Login to ProControl (Password: EOS).
ii. Once logged in, press the "I/O Up" key until "ER1FLO" is on the display
iii. Press "Set Hi/Lo" key until "Totalizer" is displayed and record the value
iv. Once value is recorded, press "Set Hi/Lo" until "ER1FLO" is on the display
v. Repeat steps ii-iv for W7RFLO and W5RFLO

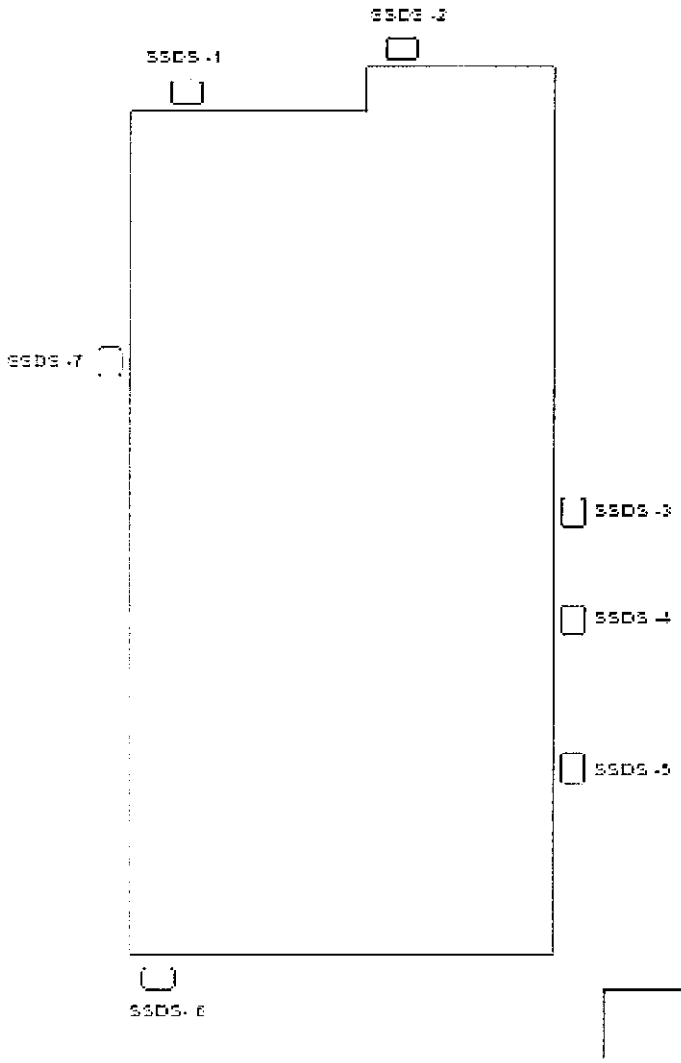
Notes: System down on arrival. Troubleshoot issues w/ Transfer pump and VFD. Remove pump for service. System down on departure.

Mohonk Road - SSD System Checklist

Date: _____

Fan	On/Off
1	ON
2	ON
3	ON
4	ON
5	ON
6	ON
7	ON

Treatment Plan:



GeoLogic

Mohonk Road - Groundwater Remediation System Checklist

Date: 4 29 19 **Personnel Onsite Initials:** CA/RH

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	9.8	12624721
(W7RFLO)	9.7	9137537 42
(W5RFLO)	9.9	9566089

Input Name	*Water Level (Procontrol)*
W5RLVL	28.42
W7RLVL	35.18
ER1LVL	26.10

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	4.9
Air Stripper (AS_PRS)	26.95
Discharge Pump (DSCPRS)	25.3

Location	*Temp (Procontrol)*
Room (RM_TMP)	57.1
Air Stripper (AS_TMP)	78.8
Discharge Pump (H2OTMP)	47.9

Exterior of building checked and grounds maintained (weedwack, etc)	(Y) / N
pH Probe calibrated due to discrepency	Y / N
Clean influent flow meters	(Y) / N
Exercise flow valves	(Y) / N
Duplicate Sample ID	

Location	*pH*
Effluent (EFF_PH)	8.26
Effluent (Measured)	7.8

Redux remaining (in. from bottom)	Full

Take the following steps to record the flow totalizer for each well on the ProControl
i. Login to ProControl (Password: EOS).
ii. Once logged in, press the "I/O Up" key until "ER1FLO" is on the display
iii. Press "Set Hi/Lo" key until "Totalizer" is displayed and record the value
iv. Once value is recorded, press "Set Hi/Lo" until "ER1FLO" is on the display
v. Repeat steps ii-iv for W7RFLO and W5RFLO

Notes: TB REPLACED VFD, ~~ADDED~~ ~~REPLACE~~ RE-STALL TRANSFER PUMP, CHECK ROTATION, START SYSTEM.

Mohonk Road - Groundwater Remediation System Checklist

Date: 5-14-15 **Personnel Onsite Initials:** GS + BS

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	9.0	12816716
(W7RFLO)	9.0	13939571
(W5RFLO)	9.0	9758621

Input Name	*Water Level (Procontrol)*
W5RLVL	-48.66
W7RLVL	-25.00
ER1LVL	-47.59

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	5.0
Air Stripper (AS_PRS)	26.53
Discharge Pump (DSCPRS)	23.7

Location	*Temp (Procontrol)*
Room (RM_TMP)	59.4
Air Stripper (AS_TMP)	72.1
Discharge Pump (H2OTMP)	51.8

Exterior of building checked and grounds maintained (weedwack, etc)	(Y) / N
pH Probe calibrated due to discrepency	Y / N
Clean influent flow meters	(Y) / N
Exercise flow valves	(Y) / N
Duplicate Sample ID	/

Location	*pH*
Effluent (EFF_PH)	8.36
Effluent (Measured)	7.2

Redux remaining (in. from bottom)	21"

Take the following steps to record the flow totalizer for each well on the ProControl
i. Login to ProControl (Password: EOS).
ii. Once logged in, press the "I/O Up" key until "ER1FLO" is on the display
iii. Press "Set Hi/Lo" key until "Totalizer" is displayed and record the value
iv. Once value is recorded, press "Set Hi/Lo" until "ER1FLO" is on the display
v. Repeat steps ii-iv for W7RFLO and W5RFLO

Notes: Onsite system Running, check SSDS Fan operation, shut down system, Clean Flow Meters, Exercise Valves, Restart system, Monitor and check PH. Weed Whack Perimeter of Building.

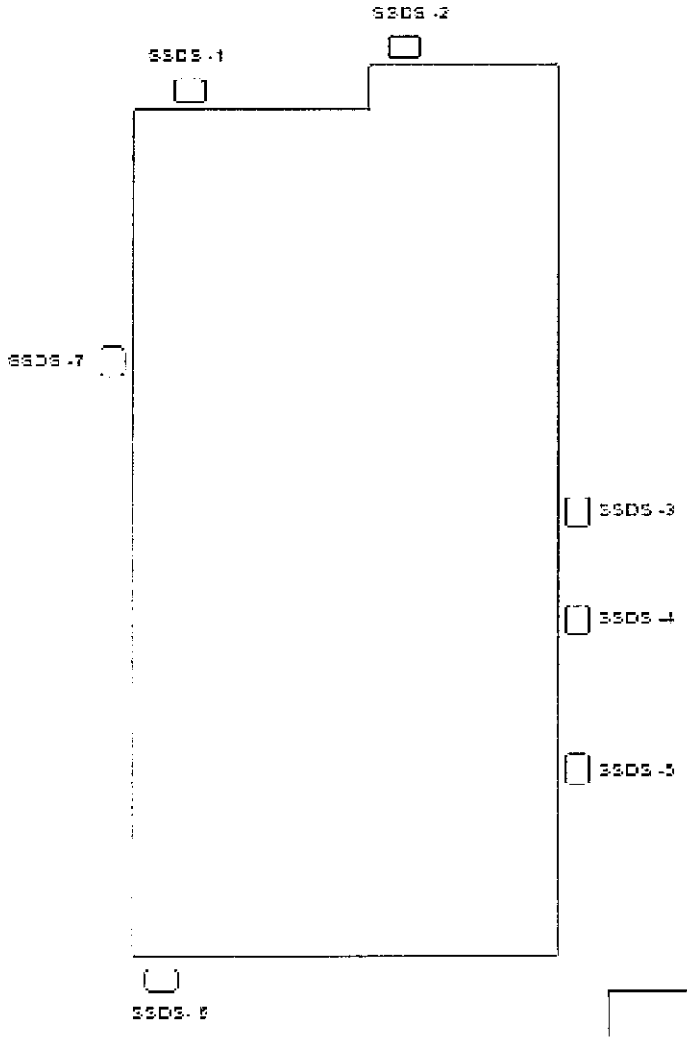
Mohonk Road - SSD System Checklist

Date:

Fan	*On/Off*
1	ON
2	ON
3	ON
4	ON
5	ON
6	ON
7	ON

Reving

Treatment Plant



GeoLogic

Mohonk Road - Groundwater Remediation System Checklist

Date: 6 5 19 **Personnel Onsite Initials:** CA/EC

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	8.5	13094210
(W7RFLO)	8.5	14217396
(W5RFLO)	8.5	10034906

Input Name	*Water Level (Procontrol)*
W5RLVL	-58.34
W7RLVL	-80.42
ER1LVL	-56.10

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	4.9
Air Stripper (AS_PRS)	20.82
Discharge Pump (DSCPRS)	23.0

Location	*Temp (Procontrol)*
Room (RM_TMP)	71
Air Stripper (AS_TMP)	97.2
Discharge Pump (H2OTMP)	52

Exterior of building checked and grounds maintained (weedwack, etc)	Y / N
pH Probe calibrated due to discrepency	Y / N
Clean influent flow meters	Y / N
Exercise flow valves	Y / N
Duplicate Sample ID	

Location	*pH*
Effluent (EFF_PH)	8.5
Effluent (Measured)	8.0

Redux remaining (in. from bottom)	Full

Take the following steps to record the flow totalizer for each well on the ProControl
i. Login to ProControl (Password: EOS).
ii. Once logged in, press the "I/O Up" key until "ER1FLO" is on the display
iii. Press "Set Hi/Lo" key until "Totalizer" is displayed and record the value
iv. Once value is recorded, press "Set Hi/Lo" until "ER1FLO" is on the display
v. Repeat steps ii-iv for W7RFLO and W5RFLO

Notes: 146.5

· 64.70 -80.71

SET NEW TRANSDUCER IN W7R, CALIBRATED TRANSDUCER

Mohonk Road - Groundwater Remediation System Checklist

Date: 6/18/19 **Personnel Onsite Initials:** JG AT

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	9.05	~~9.4~~ 13247944
(W7RFLO)	9.10	~~9.4~~ 14371954
(W5RFLO)	9.10	~~9.4~~ 10188247

Input Name	*Water Level (Procontrol)*
W5RLVL	-62.92
W7RLVL	-76.31
ER1LVL	-61.60

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	1.0
Air Stripper (AS_PRS)	22.22
Discharge Pump (DSCPRS)	~~0.3~~ 23.5

Location	*Temp (Procontrol)*
Room (RM_TMP)	65.5
Air Stripper (AS_TMP)	87.9
Discharge Pump (H2OTMP)	52.1

Exterior of building checked and grounds maintained (weedwack, etc)	Y (N)
pH Probe calibrated due to discrepency	Y (N)
Clean influent flow meters	(Y) N
Exercise flow valves	(Y) N
Duplicate Sample ID	N/A

Location	*pH*
Effluent (EFF_PH)	8.53
Effluent (Measured)	8.0

Redux remaining (in. from bottom)	2/3 Left

Take the following steps to record the flow totalizer for each well on the ProControl
i. Login to ProControl (Password: EOS).
ii. Once logged in, press the "I/O Up" key until "ER1FLO" is on the display
iii. Press "Set Hi/Lo" key until "Totalizer" is displayed and record the value
iv. Once value is recorded, press "Set Hi/Lo" until "ER1FLO" is on the display
v. Repeat steps ii-iv for W7RFLO and W5RFLO

Notes: ~~Raining~~ System running on arival, collect system Readings, Shut down system and cleaned flow meters. Restart System. Raining so grounds maintance incomplete (weed wacking). System running on departure. All SSD fans on.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-147624-1
Client Project/Site: Mohonk Rd. #356023

For:
New York State D.E.C.
625 Broadway
Division of Environmental Remediation
Albany, New York 12233-7014

Attn: Charles Gregory

Judy Stone

Authorized for release by:
2/12/2019 8:04:53 PM

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

Table of Contents

Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-147624-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-147624-1

Job ID: 480-147624-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-147624-1

Receipt
The samples were received on 1/9/2019 1:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.6º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method(s) 200.7 Rev 4.4: The method blank for preparation batch 480-455081 contained Total Iron above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples ERT-1 (480-147624-2) and Combined Influent (480-147624-4) were not performed.

Method(s) 200.7: The following samples for metals were received unpreserved and were preserved upon receipt at the laboratory: 7R (480-147624-1), ERT-1 (480-147624-2), 5R (480-147624-3), Combined Influent (480-147624-4), Effluent (480-147624-5), (480-147624-C-1 MS) and (480-147624-C-1 MSD). Regulatory documents require a 24-hour waiting period from the time of the addition of the acid preservative to the time of digestion. Samples were preserved 1/10/19 at 08:03 and the second check was performed 1/11/19 at 08:05.

Method(s) 200.7: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: 7R (480-147624-1). The reporting limits (RLs) have been adjusted proportionately.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
Method(s) SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples have been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 7R (480-147624-1), ERT-1 (480-147624-2), 5R (480-147624-3), Combined Influent (480-147624-4) and Effluent (480-147624-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample ID: 7R

Lab Sample ID: 480-147624-1

Date Collected: 01/08/19 09:25

Matrix: Water

Date Received: 01/09/19 01:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**72**		5.0	0.39	ug/L			01/09/19 23:46	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/09/19 23:46	1
1,1-Dichloroethane	**26**		5.0	0.59	ug/L			01/09/19 23:46	1
1,1-Dichloroethylene	**10**		5.0	0.85	ug/L			01/09/19 23:46	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/09/19 23:46	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/09/19 23:46	1
1,4-Dioxane	ND		200	15	ug/L			01/09/19 23:46	1
Acetone	ND		25	2.0	ug/L			01/09/19 23:46	1
Benzene	ND		5.0	0.60	ug/L			01/09/19 23:46	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/09/19 23:46	1
Chloroform	ND		5.0	0.54	ug/L			01/09/19 23:46	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/09/19 23:46	1
Toluene	ND		5.0	0.45	ug/L			01/09/19 23:46	1
Trichloroethylene	**2.0**	**J**	5.0	0.60	ug/L			01/09/19 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*68 - 130*		*01/09/19 23:46*	*1*
4-Bromofluorobenzene (Surr)	*100*		*76 - 123*		*01/09/19 23:46*	*1*
Toluene-d8 (Surr)	*97*		*77 - 120*		*01/09/19 23:46*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*01/09/19 23:46*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.10	0.039	mg/L		01/24/19 07:37	01/24/19 15:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**388**		10.0	4.0	mg/L			01/09/19 08:13	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/10/19 02:22	1
pH	**7.4**	**HF**	0.1	0.1	SU			01/10/19 11:19	1
Temperature	**18.8**	**HF**	0.001	0.001	Degrees C			01/10/19 11:19	1

Client Sample ID: ERT-1

Lab Sample ID: 480-147624-2

Date Collected: 01/08/19 09:30

Matrix: Water

Date Received: 01/09/19 01:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**85**		5.0	0.39	ug/L			01/10/19 00:10	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/10/19 00:10	1
1,1-Dichloroethane	**11**		5.0	0.59	ug/L			01/10/19 00:10	1
1,1-Dichloroethylene	**27**		5.0	0.85	ug/L			01/10/19 00:10	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/10/19 00:10	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/10/19 00:10	1
1,4-Dioxane	ND		200	15	ug/L			01/10/19 00:10	1
Acetone	ND		25	2.0	ug/L			01/10/19 00:10	1
Benzene	ND		5.0	0.60	ug/L			01/10/19 00:10	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/10/19 00:10	1
Chloroform	ND		5.0	0.54	ug/L			01/10/19 00:10	1

Client Sample ID: ERT-1

Lab Sample ID: 480-147624-2

Date Collected: 01/08/19 09:30

Matrix: Water

Date Received: 01/09/19 01:00

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.0	0.81	ug/L			01/10/19 00:10	1
Toluene	ND		5.0	0.45	ug/L			01/10/19 00:10	1
Trichloroethylene	**8.0**		5.0	0.60	ug/L			01/10/19 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*68 - 130*		*01/10/19 00:10*	*1*
4-Bromofluorobenzene (Surr)	*100*		*76 - 123*		*01/10/19 00:10*	*1*
Toluene-d8 (Surr)	*97*		*77 - 120*		*01/10/19 00:10*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*01/10/19 00:10*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		01/16/19 08:20	01/16/19 13:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**366**		10.0	4.0	mg/L			01/10/19 08:17	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/10/19 02:22	1
pH	**7.3**	**HF**	0.1	0.1	SU			01/10/19 11:22	1
Temperature	**19.0**	**HF**	0.001	0.001	Degrees C			01/10/19 11:22	1

Client Sample ID: 5R

Lab Sample ID: 480-147624-3

Date Collected: 01/08/19 09:35

Matrix: Water

Date Received: 01/09/19 01:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**31**		5.0	0.39	ug/L			01/10/19 00:33	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/10/19 00:33	1
1,1-Dichloroethane	**2.0**	**J**	5.0	0.59	ug/L			01/10/19 00:33	1
1,1-Dichloroethylene	**8.2**		5.0	0.85	ug/L			01/10/19 00:33	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/10/19 00:33	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/10/19 00:33	1
1,4-Dioxane	ND		200	15	ug/L			01/10/19 00:33	1
Acetone	ND		25	2.0	ug/L			01/10/19 00:33	1
Benzene	ND		5.0	0.60	ug/L			01/10/19 00:33	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/10/19 00:33	1
Chloroform	ND		5.0	0.54	ug/L			01/10/19 00:33	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/10/19 00:33	1
Toluene	ND		5.0	0.45	ug/L			01/10/19 00:33	1
Trichloroethylene	**3.2**	**J**	5.0	0.60	ug/L			01/10/19 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*68 - 130*		*01/10/19 00:33*	*1*
4-Bromofluorobenzene (Surr)	*100*		*76 - 123*		*01/10/19 00:33*	*1*
Toluene-d8 (Surr)	*97*		*77 - 120*		*01/10/19 00:33*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*01/10/19 00:33*	*1*

Client Sample ID: 5R

Lab Sample ID: 480-147624-3

Date Collected: 01/08/19 09:35

Matrix: Water

Date Received: 01/09/19 01:00

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		01/24/19 07:37	01/24/19 15:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**351**		10.0	4.0	mg/L			01/10/19 08:17	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/10/19 02:22	1
pH	**7.4**	**HF**	0.1	0.1	SU			01/10/19 11:26	1
Temperature	**18.9**	**HF**	0.001	0.001	Degrees C			01/10/19 11:26	1

Client Sample ID: Combined Influent

Lab Sample ID: 480-147624-4

Date Collected: 01/08/19 09:40

Matrix: Water

Date Received: 01/09/19 01:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**66**		5.0	0.39	ug/L			01/10/19 00:57	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/10/19 00:57	1
1,1-Dichloroethane	**13**		5.0	0.59	ug/L			01/10/19 00:57	1
1,1-Dichloroethylene	**16**		5.0	0.85	ug/L			01/10/19 00:57	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/10/19 00:57	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/10/19 00:57	1
1,4-Dioxane	ND		200	15	ug/L			01/10/19 00:57	1
Acetone	ND		25	2.0	ug/L			01/10/19 00:57	1
Benzene	ND		5.0	0.60	ug/L			01/10/19 00:57	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/10/19 00:57	1
Chloroform	ND		5.0	0.54	ug/L			01/10/19 00:57	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/10/19 00:57	1
Toluene	ND		5.0	0.45	ug/L			01/10/19 00:57	1
Trichloroethylene	**4.5**	**J**	5.0	0.60	ug/L			01/10/19 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*68 - 130*		*01/10/19 00:57*	*1*
4-Bromofluorobenzene (Surr)	*98*		*76 - 123*		*01/10/19 00:57*	*1*
Toluene-d8 (Surr)	*96*		*77 - 120*		*01/10/19 00:57*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*01/10/19 00:57*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		01/16/19 08:20	01/16/19 14:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**367**		10.0	4.0	mg/L			01/10/19 08:17	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/10/19 02:22	1
pH	**7.4**	**HF**	0.1	0.1	SU			01/10/19 11:30	1
Temperature	**19.0**	**HF**	0.001	0.001	Degrees C			01/10/19 11:30	1

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-147624-1

Client Sample ID: Effluent
Date Collected: 01/08/19 09:45
Date Received: 01/09/19 01:00

Lab Sample ID: 480-147624-5
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			01/10/19 01:21	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/10/19 01:21	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			01/10/19 01:21	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			01/10/19 01:21	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/10/19 01:21	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/10/19 01:21	1
1,4-Dioxane	ND		200	15	ug/L			01/10/19 01:21	1
Acetone	ND		25	2.0	ug/L			01/10/19 01:21	1
Benzene	ND		5.0	0.60	ug/L			01/10/19 01:21	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/10/19 01:21	1
Chloroform	ND		5.0	0.54	ug/L			01/10/19 01:21	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/10/19 01:21	1
Toluene	ND		5.0	0.45	ug/L			01/10/19 01:21	1
Trichloroethylene	ND		5.0	0.60	ug/L			01/10/19 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*68 - 130*		*01/10/19 01:21*	*1*
4-Bromofluorobenzene (Surr)	*102*		*76 - 123*		*01/10/19 01:21*	*1*
Toluene-d8 (Surr)	*98*		*77 - 120*		*01/10/19 01:21*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*01/10/19 01:21*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.068**		0.050	0.019	mg/L		02/11/19 10:46	02/12/19 12:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**366**		10.0	4.0	mg/L			01/10/19 08:17	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/10/19 02:22	1
pH	**8.1**	**HF**	0.1	0.1	SU			01/10/19 11:32	1
Temperature	**19.0**	**HF**	0.001	0.001	Degrees C			01/10/19 11:32	1

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-147624-1

Client Sample ID: 7R

Lab Sample ID: 480-147624-1

Date Collected: 01/08/19 09:25
Matrix: Water
Date Received: 01/09/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	454419	01/09/19 23:46	S1V	TAL BUF
Total/NA	Prep	200.7			456343	01/24/19 07:37	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	456767	01/24/19 15:36	AMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	454113	01/09/19 08:13	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	454460	01/10/19 02:22	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	454543	01/10/19 11:19	KEB	TAL BUF

Client Sample ID: ERT-1

Lab Sample ID: 480-147624-2

Date Collected: 01/08/19 09:30
Matrix: Water
Date Received: 01/09/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	454419	01/10/19 00:10	S1V	TAL BUF
Total/NA	Prep	200.7			455081	01/16/19 08:20	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	455416	01/16/19 13:55	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	454474	01/10/19 08:17	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	454460	01/10/19 02:22	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	454543	01/10/19 11:22	KEB	TAL BUF

Client Sample ID: 5R

Lab Sample ID: 480-147624-3

Date Collected: 01/08/19 09:35
Matrix: Water
Date Received: 01/09/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	454419	01/10/19 00:33	S1V	TAL BUF
Total/NA	Prep	200.7			456343	01/24/19 07:37	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	456767	01/24/19 15:54	AMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	454474	01/10/19 08:17	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	454460	01/10/19 02:22	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	454543	01/10/19 11:26	KEB	TAL BUF

Client Sample ID: Combined Influent

Lab Sample ID: 480-147624-4

Date Collected: 01/08/19 09:40
Matrix: Water
Date Received: 01/09/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	454419	01/10/19 00:57	S1V	TAL BUF
Total/NA	Prep	200.7			455081	01/16/19 08:20	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	455416	01/16/19 14:03	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	454474	01/10/19 08:17	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	454460	01/10/19 02:22	MLS	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-147624-1

Client Sample ID: Combined Influent

Lab Sample ID: 480-147624-4

Date Collected: 01/08/19 09:40
Matrix: Water
Date Received: 01/09/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 H+ B		1	454543	01/10/19 11:30	KEB	TAL BUF

Client Sample ID: Effluent

Lab Sample ID: 480-147624-5

Date Collected: 01/08/19 09:45
Matrix: Water
Date Received: 01/09/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	454419	01/10/19 01:21	S1V	TAL BUF
Total/NA	Prep	200.7			458372	02/11/19 10:46	MV	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	458754	02/12/19 12:27	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	454474	01/10/19 08:17	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	454460	01/10/19 02:22	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	454543	01/10/19 11:32	KEB	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-147624-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-19

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
624.1		Water	1,2-Dichloroethene, Total
624.1		Water	1,4-Dioxane
SM 4500 H+ B		Water	pH
SM 4500 H+ B		Water	Temperature

Method Summary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-147624-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF
200.7	Preparation, Total Metals	EPA	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-147624-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-147624-1	7R	Water	01/08/19 09:25	01/09/19 01:00
480-147624-2	ERT-1	Water	01/08/19 09:30	01/09/19 01:00
480-147624-3	5R	Water	01/08/19 09:35	01/09/19 01:00
480-147624-4	Combined Influent	Water	01/08/19 09:40	01/09/19 01:00
480-147624-5	Effluent	Water	01/08/19 09:45	01/09/19 01:00

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-147624-1

Login Number: 147624

List Source: TestAmerica Buffalo

List Number: 1

Creator: Velickovic, Zoran

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Aztech
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Albany #224

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Michael Doyle	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-108480-15807.1
Client Contact: Andrew Talbot	Phone: 518-350-3306	E-Mail: judy.stone@testamericainc.com		Page: Page 1 of 1
Company: Aztech Technologies Inc				Job #:
Address: 5 McCrea Hill Road	Due Date Requested:			
City: Ballston Spa	TAT Requested (days):			
State, Zip: NY, 12020				
Phone:	PO #: CallOut 136396			
Email: atalbot@aztechenv.com	WO #:			
Project Name: Mohonk Rd. #356023	Project #: 48005267			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.7 - Iron	624_5ml - (MOD) Priority Pollutant List - VOA - 62	2540D - Total Suspended Solids	2640C_Calcd - Total Dissolved Solids	SM4500_H+ - pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N	N	N		
7R	1/8/19	9:25	Grab	Water									
ERT-1	1/8/19	9:30	Grab	Water									
5R	1/8/19	9:35	Grab	Water									
Combined Influent	1/8/19	9:40	Grab	Water									
Effluent	1/8/19	9:45	Grab	Water									

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

480-147624 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: Time: Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	1/8/19 13:45	Aztech			
Relinquished by:	1-8-19 1800	TA Aztech	Received by:	01-09-19 0900	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.6 #3

Ver: 08/04/2016

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-148801-1
Client Project/Site: Mohonk Rd. #356023

For:
New York State D.E.C.
625 Broadway
Division of Environmental Remediation
Albany, New York 12233-7014

Attn: Charles Gregory

Judy Stone

Authorized for release by:
2/28/2019 3:37:09 PM

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

Table of Contents

Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-148801-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-148801-1

Job ID: 480-148801-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-148801-1

Receipt
The samples were received on 2/8/2019 3:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.7º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method(s) 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples have been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 7R (480-148801-1), ERT-1 (480-148801-2), 5R (480-148801-3), Combined Influent (480-148801-4) and Effluent (480-148801-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample ID: 7R

Lab Sample ID: 480-148801-1

Date Collected: 02/07/19 10:00

Matrix: Water

Date Received: 02/08/19 03:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**93**		5.0	0.39	ug/L			02/08/19 14:59	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/08/19 14:59	1
1,1-Dichloroethane	**31**		5.0	0.59	ug/L			02/08/19 14:59	1
1,1-Dichloroethylene	**13**		5.0	0.85	ug/L			02/08/19 14:59	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/08/19 14:59	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/08/19 14:59	1
1,4-Dioxane	ND		200	15	ug/L			02/08/19 14:59	1
Acetone	ND		25	2.0	ug/L			02/08/19 14:59	1
Benzene	ND		5.0	0.60	ug/L			02/08/19 14:59	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/08/19 14:59	1
Chloroform	ND		5.0	0.54	ug/L			02/08/19 14:59	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/08/19 14:59	1
Toluene	ND		5.0	0.45	ug/L			02/08/19 14:59	1
Trichloroethylene	**2.2**	**J**	5.0	0.60	ug/L			02/08/19 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*68 - 130*		*02/08/19 14:59*	*1*
4-Bromofluorobenzene (Surr)	*101*		*76 - 123*		*02/08/19 14:59*	*1*
Toluene-d8 (Surr)	*94*		*77 - 120*		*02/08/19 14:59*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*02/08/19 14:59*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		02/11/19 10:46	02/13/19 13:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**364**		10.0	4.0	mg/L			02/13/19 13:04	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			02/11/19 05:05	1
pH	**6.7**	**HF**	0.1	0.1	SU			02/27/19 12:30	1
Temperature	**17.7**	**HF**	0.001	0.001	Degrees C			02/27/19 12:30	1

Client Sample ID: ERT-1

Lab Sample ID: 480-148801-2

Date Collected: 02/07/19 10:10

Matrix: Water

Date Received: 02/08/19 03:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**84**		5.0	0.39	ug/L			02/08/19 15:23	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/08/19 15:23	1
1,1-Dichloroethane	**11**		5.0	0.59	ug/L			02/08/19 15:23	1
1,1-Dichloroethylene	**25**		5.0	0.85	ug/L			02/08/19 15:23	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/08/19 15:23	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/08/19 15:23	1
1,4-Dioxane	ND		200	15	ug/L			02/08/19 15:23	1
Acetone	ND		25	2.0	ug/L			02/08/19 15:23	1
Benzene	ND		5.0	0.60	ug/L			02/08/19 15:23	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/08/19 15:23	1
Chloroform	ND		5.0	0.54	ug/L			02/08/19 15:23	1

Client Sample ID: ERT-1

Date Collected: 02/07/19 10:10
Date Received: 02/08/19 03:00

Lab Sample ID: 480-148801-2
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.0	0.81	ug/L			02/08/19 15:23	1
Toluene	ND		5.0	0.45	ug/L			02/08/19 15:23	1
Trichloroethylene	**7.5**		5.0	0.60	ug/L			02/08/19 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*68 - 130*		*02/08/19 15:23*	*1*
4-Bromofluorobenzene (Surr)	*102*		*76 - 123*		*02/08/19 15:23*	*1*
Toluene-d8 (Surr)	*96*		*77 - 120*		*02/08/19 15:23*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*02/08/19 15:23*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		02/11/19 10:46	02/13/19 13:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**359**		10.0	4.0	mg/L			02/13/19 13:04	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			02/11/19 05:05	1
pH	**6.8**	**HF**	0.1	0.1	SU			02/27/19 12:35	1
Temperature	**17.4**	**HF**	0.001	0.001	Degrees C			02/27/19 12:35	1

Client Sample ID: 5R

Date Collected: 02/07/19 10:15
Date Received: 02/08/19 03:00

Lab Sample ID: 480-148801-3
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**48**		5.0	0.39	ug/L			02/08/19 15:46	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/08/19 15:46	1
1,1-Dichloroethane	**3.1**	**J**	5.0	0.59	ug/L			02/08/19 15:46	1
1,1-Dichloroethylene	**13**		5.0	0.85	ug/L			02/08/19 15:46	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/08/19 15:46	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/08/19 15:46	1
1,4-Dioxane	ND		200	15	ug/L			02/08/19 15:46	1
Acetone	ND		25	2.0	ug/L			02/08/19 15:46	1
Benzene	ND		5.0	0.60	ug/L			02/08/19 15:46	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/08/19 15:46	1
Chloroform	ND		5.0	0.54	ug/L			02/08/19 15:46	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/08/19 15:46	1
Toluene	ND		5.0	0.45	ug/L			02/08/19 15:46	1
Trichloroethylene	**4.6**	**J**	5.0	0.60	ug/L			02/08/19 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*68 - 130*		*02/08/19 15:46*	*1*
4-Bromofluorobenzene (Surr)	*101*		*76 - 123*		*02/08/19 15:46*	*1*
Toluene-d8 (Surr)	*94*		*77 - 120*		*02/08/19 15:46*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*02/08/19 15:46*	*1*

Client Sample ID: 5R

Lab Sample ID: 480-148801-3

Date Collected: 02/07/19 10:15

Matrix: Water

Date Received: 02/08/19 03:00

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		02/11/19 10:46	02/13/19 13:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**382**		10.0	4.0	mg/L			02/13/19 13:04	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			02/11/19 05:05	1
pH	**6.8**	**HF**	0.1	0.1	SU			02/27/19 12:37	1
Temperature	**16.9**	**HF**	0.001	0.001	Degrees C			02/27/19 12:37	1

Client Sample ID: Combined Influent

Lab Sample ID: 480-148801-4

Date Collected: 02/07/19 10:20

Matrix: Water

Date Received: 02/08/19 03:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**81**		5.0	0.39	ug/L			02/08/19 16:10	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/08/19 16:10	1
1,1-Dichloroethane	**16**		5.0	0.59	ug/L			02/08/19 16:10	1
1,1-Dichloroethylene	**19**		5.0	0.85	ug/L			02/08/19 16:10	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/08/19 16:10	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/08/19 16:10	1
1,4-Dioxane	ND		200	15	ug/L			02/08/19 16:10	1
Acetone	ND		25	2.0	ug/L			02/08/19 16:10	1
Benzene	ND		5.0	0.60	ug/L			02/08/19 16:10	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/08/19 16:10	1
Chloroform	ND		5.0	0.54	ug/L			02/08/19 16:10	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/08/19 16:10	1
Toluene	ND		5.0	0.45	ug/L			02/08/19 16:10	1
Trichloroethylene	**5.0**		5.0	0.60	ug/L			02/08/19 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*68 - 130*		*02/08/19 16:10*	*1*
4-Bromofluorobenzene (Surr)	*101*		*76 - 123*		*02/08/19 16:10*	*1*
Toluene-d8 (Surr)	*95*		*77 - 120*		*02/08/19 16:10*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*02/08/19 16:10*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		02/11/19 10:46	02/13/19 13:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**363**		10.0	4.0	mg/L			02/13/19 13:04	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			02/11/19 05:05	1
pH	**6.8**	**HF**	0.1	0.1	SU			02/27/19 12:39	1
Temperature	**16.9**	**HF**	0.001	0.001	Degrees C			02/27/19 12:39	1

Client Sample ID: Effluent

Lab Sample ID: 480-148801-5

Date Collected: 02/07/19 10:25

Matrix: Water

Date Received: 02/08/19 03:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			02/08/19 16:33	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/08/19 16:33	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/08/19 16:33	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			02/08/19 16:33	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/08/19 16:33	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/08/19 16:33	1
1,4-Dioxane	ND		200	15	ug/L			02/08/19 16:33	1
Acetone	ND		25	2.0	ug/L			02/08/19 16:33	1
Benzene	ND		5.0	0.60	ug/L			02/08/19 16:33	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/08/19 16:33	1
Chloroform	ND		5.0	0.54	ug/L			02/08/19 16:33	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/08/19 16:33	1
Toluene	ND		5.0	0.45	ug/L			02/08/19 16:33	1
Trichloroethylene	ND		5.0	0.60	ug/L			02/08/19 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*68 - 130*		*02/08/19 16:33*	*1*
4-Bromofluorobenzene (Surr)	*102*		*76 - 123*		*02/08/19 16:33*	*1*
Toluene-d8 (Surr)	*96*		*77 - 120*		*02/08/19 16:33*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*02/08/19 16:33*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		02/11/19 10:46	02/13/19 13:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**354**		10.0	4.0	mg/L			02/13/19 13:04	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			02/11/19 05:05	1
pH	**7.8**	**HF**	0.1	0.1	SU			02/28/19 11:04	1
Temperature	**18.1**	**HF**	0.001	0.001	Degrees C			02/28/19 11:04	1

Client Sample ID: Trip Blank

Lab Sample ID: 480-148801-6

Date Collected: 02/07/19 00:00

Matrix: Water

Date Received: 02/08/19 03:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			02/08/19 16:57	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/08/19 16:57	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/08/19 16:57	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			02/08/19 16:57	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/08/19 16:57	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/08/19 16:57	1
1,4-Dioxane	ND		200	15	ug/L			02/08/19 16:57	1
Acetone	ND		25	2.0	ug/L			02/08/19 16:57	1
Benzene	ND		5.0	0.60	ug/L			02/08/19 16:57	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/08/19 16:57	1
Chloroform	**3.2**	**J**	5.0	0.54	ug/L			02/08/19 16:57	1

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-148801-1

Client Sample ID: Trip Blank
Date Collected: 02/07/19 00:00
Date Received: 02/08/19 03:00

Lab Sample ID: 480-148801-6
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.0	0.81	ug/L			02/08/19 16:57	1
Toluene	ND		5.0	0.45	ug/L			02/08/19 16:57	1
Trichloroethylene	ND		5.0	0.60	ug/L			02/08/19 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*68 - 130*		*02/08/19 16:57*	*1*
4-Bromofluorobenzene (Surr)	*102*		*76 - 123*		*02/08/19 16:57*	*1*
Toluene-d8 (Surr)	*95*		*77 - 120*		*02/08/19 16:57*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*02/08/19 16:57*	*1*

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-148801-1

Client Sample ID: 7R

Lab Sample ID: 480-148801-1

Date Collected: 02/07/19 10:00
Matrix: Water
Date Received: 02/08/19 03:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	458243	02/08/19 14:59	S1V	TAL BUF
Total/NA	Prep	200.7			458471	02/11/19 10:46	MV	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	458972	02/13/19 13:03	EMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	458948	02/13/19 13:04	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	458440	02/11/19 05:05	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	460820	02/27/19 12:30	AEF	TAL BUF

Client Sample ID: ERT-1

Lab Sample ID: 480-148801-2

Date Collected: 02/07/19 10:10
Matrix: Water
Date Received: 02/08/19 03:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	458243	02/08/19 15:23	S1V	TAL BUF
Total/NA	Prep	200.7			458471	02/11/19 10:46	MV	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	458972	02/13/19 13:06	EMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	458948	02/13/19 13:04	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	458440	02/11/19 05:05	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	460820	02/27/19 12:35	AEF	TAL BUF

Client Sample ID: 5R

Lab Sample ID: 480-148801-3

Date Collected: 02/07/19 10:15
Matrix: Water
Date Received: 02/08/19 03:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	458243	02/08/19 15:46	S1V	TAL BUF
Total/NA	Prep	200.7			458471	02/11/19 10:46	MV	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	458972	02/13/19 13:10	EMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	458948	02/13/19 13:04	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	458440	02/11/19 05:05	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	460820	02/27/19 12:37	AEF	TAL BUF

Client Sample ID: Combined Influent

Lab Sample ID: 480-148801-4

Date Collected: 02/07/19 10:20
Matrix: Water
Date Received: 02/08/19 03:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	458243	02/08/19 16:10	S1V	TAL BUF
Total/NA	Prep	200.7			458471	02/11/19 10:46	MV	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	458972	02/13/19 13:14	EMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	458948	02/13/19 13:04	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	458440	02/11/19 05:05	MLS	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-148801-1

Client Sample ID: Combined Influent

Lab Sample ID: 480-148801-4

Date Collected: 02/07/19 10:20
Matrix: Water
Date Received: 02/08/19 03:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 H+ B		1	460820	02/27/19 12:39	AEF	TAL BUF

Client Sample ID: Effluent

Lab Sample ID: 480-148801-5

Date Collected: 02/07/19 10:25
Matrix: Water
Date Received: 02/08/19 03:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	458243	02/08/19 16:33	S1V	TAL BUF
Total/NA	Prep	200.7			458471	02/11/19 10:46	MV	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	458972	02/13/19 13:17	EMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	458948	02/13/19 13:04	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	458440	02/11/19 05:05	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	461015	02/28/19 11:04	AEF	TAL BUF

Client Sample ID: Trip Blank

Lab Sample ID: 480-148801-6

Date Collected: 02/07/19 00:00
Matrix: Water
Date Received: 02/08/19 03:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	458243	02/08/19 16:57	S1V	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-148801-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-19

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
624.1		Water	1,2-Dichloroethene, Total
624.1		Water	1,4-Dioxane
SM 4500 H+ B		Water	pH
SM 4500 H+ B		Water	Temperature

Method Summary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-148801-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF
200.7	Preparation, Total Metals	EPA	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-148801-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-148801-1	7R	Water	02/07/19 10:00	02/08/19 03:00
480-148801-2	ERT-1	Water	02/07/19 10:10	02/08/19 03:00
480-148801-3	5R	Water	02/07/19 10:15	02/08/19 03:00
480-148801-4	Combined Influent	Water	02/07/19 10:20	02/08/19 03:00
480-148801-5	Effluent	Water	02/07/19 10:25	02/08/19 03:00
480-148801-6	Trip Blank	Water	02/07/19 00:00	02/08/19 03:00

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-148801-1

Login Number: 148801

List Source: TestAmerica Buffalo

List Number: 1

Creator: Velickovic, Zoran

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Aztech
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Albany #224

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: John STUTZKE	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-108481-15807.1
Client Contact: Andrew Talbot	Phone:	E-Mail: judy.stone@testamericainc.com		Page: Page 1 of 1
Company: Aztech Technologies Inc				Job #:

Analysis Requested

Address: 5 McCrea Hill Road	Due Date Requested:
City: Ballston Spa	TAT Requested (days):
State, Zip: NY, 12020	
Phone:	PO #: CallOut 136396
Email: atalbot@aztechenv.com	WO #:
Project Name: Mohonk Rd. #356023	Project #: 48005267
Site:	SSOW#:

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.7 - Iron	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	SM4500_H+ - pH	624.1_PREC - (MOD) Priority Pollutant List - VOA - 62	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	N	A		
7R	2-7	1000	G	Water									
ERT-1	2-7	1010	G	Water									
5R	2-7	1015	G	Water									
Combined Influent	2-7	1020	G	Water									
Effluent	2-7	1025	G	Water									
	KZ	2-7-19											

480-148801 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Lewis Hilmes	2-7-19 1415	AZTECH	Karl Fischer	2-7-19 1415	TA
Karl Fischer	2-7-19 1800	TA	[illegible]	02/08/19 0300	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.7 #1

Ver: 08/04/2016

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-149907-1
Client Project/Site: Mohonk Rd. #356023

For:
New York State D.E.C.
625 Broadway
Division of Environmental Remediation
Albany, New York 12233-7014

Attn: Charles Gregory

Judy Stone

Authorized for release by:
3/29/2019 9:18:04 AM

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-149907-1

Job ID: 480-149907-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-149907-1

Receipt
The samples were received on 3/8/2019 7:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2º C.

Receipt Exceptions
A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC).

GC/MS VOA
Method(s) 624.1: Due to the high concentration of 1,1,1-Trichloroethane the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 480-462393 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method(s) 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples have been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 7R (480-149907-1), ERT-1 (480-149907-2), 5R (480-149907-3), Combined Influent (480-149907-4) and Effluent (480-149907-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample ID: 7R

Lab Sample ID: 480-149907-1

Date Collected: 03/07/19 09:35

Matrix: Water

Date Received: 03/08/19 07:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**96**		5.0	0.39	ug/L			03/11/19 14:29	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/11/19 14:29	1
1,1-Dichloroethane	**34**		5.0	0.59	ug/L			03/11/19 14:29	1
1,1-Dichloroethylene	**13**		5.0	0.85	ug/L			03/11/19 14:29	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/11/19 14:29	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/11/19 14:29	1
1,4-Dioxane	ND		200	15	ug/L			03/11/19 14:29	1
Acetone	ND		25	2.0	ug/L			03/11/19 14:29	1
Benzene	ND		5.0	0.60	ug/L			03/11/19 14:29	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/11/19 14:29	1
Chloroform	ND		5.0	0.54	ug/L			03/11/19 14:29	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/11/19 14:29	1
Toluene	ND		5.0	0.45	ug/L			03/11/19 14:29	1
Trichloroethylene	**2.4**	**J**	5.0	0.60	ug/L			03/11/19 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*68 - 130*		*03/11/19 14:29*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*03/11/19 14:29*	*1*
Toluene-d8 (Surr)	*97*		*77 - 120*		*03/11/19 14:29*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*03/11/19 14:29*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.048**	**J**	0.050	0.019	mg/L		03/09/19 08:45	03/11/19 12:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**376**		10.0	4.0	mg/L			03/12/19 02:49	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			03/11/19 04:14	1
pH	**7.4**	**HF**	0.1	0.1	SU			03/28/19 15:35	1
Temperature	**18.4**	**HF**	0.001	0.001	Degrees C			03/28/19 15:35	1

Client Sample ID: ERT-1

Lab Sample ID: 480-149907-2

Date Collected: 03/07/19 09:40

Matrix: Water

Date Received: 03/08/19 07:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**39**		5.0	0.39	ug/L			03/08/19 15:59	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/08/19 15:59	1
1,1-Dichloroethane	**4.9**	**J**	5.0	0.59	ug/L			03/08/19 15:59	1
1,1-Dichloroethylene	**12**		5.0	0.85	ug/L			03/08/19 15:59	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/08/19 15:59	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/08/19 15:59	1
1,4-Dioxane	ND		200	15	ug/L			03/08/19 15:59	1
Acetone	ND		25	2.0	ug/L			03/08/19 15:59	1
Benzene	ND		5.0	0.60	ug/L			03/08/19 15:59	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/08/19 15:59	1
Chloroform	ND		5.0	0.54	ug/L			03/08/19 15:59	1

Client Sample ID: ERT-1

Lab Sample ID: 480-149907-2

Date Collected: 03/07/19 09:40

Matrix: Water

Date Received: 03/08/19 07:00

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.0	0.81	ug/L			03/08/19 15:59	1
Toluene	ND		5.0	0.45	ug/L			03/08/19 15:59	1
Trichloroethylene	**3.4**	**J**	5.0	0.60	ug/L			03/08/19 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*68 - 130*		*03/08/19 15:59*	*1*
4-Bromofluorobenzene (Surr)	*108*		*76 - 123*		*03/08/19 15:59*	*1*
Toluene-d8 (Surr)	*106*		*77 - 120*		*03/08/19 15:59*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*03/08/19 15:59*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		03/09/19 08:45	03/11/19 12:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**378**		10.0	4.0	mg/L			03/12/19 02:49	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			03/11/19 04:14	1
pH	**7.0**	**HF**	0.1	0.1	SU			03/28/19 15:32	1
Temperature	**18.7**	**HF**	0.001	0.001	Degrees C			03/28/19 15:32	1

Client Sample ID: 5R

Lab Sample ID: 480-149907-3

Date Collected: 03/07/19 09:45

Matrix: Water

Date Received: 03/08/19 07:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**23**		5.0	0.39	ug/L			03/08/19 16:23	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/08/19 16:23	1
1,1-Dichloroethane	**1.3**	**J**	5.0	0.59	ug/L			03/08/19 16:23	1
1,1-Dichloroethylene	**6.2**		5.0	0.85	ug/L			03/08/19 16:23	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/08/19 16:23	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/08/19 16:23	1
1,4-Dioxane	ND		200	15	ug/L			03/08/19 16:23	1
Acetone	ND		25	2.0	ug/L			03/08/19 16:23	1
Benzene	ND		5.0	0.60	ug/L			03/08/19 16:23	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/08/19 16:23	1
Chloroform	ND		5.0	0.54	ug/L			03/08/19 16:23	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/08/19 16:23	1
Toluene	ND		5.0	0.45	ug/L			03/08/19 16:23	1
Trichloroethylene	**2.0**	**J**	5.0	0.60	ug/L			03/08/19 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*68 - 130*		*03/08/19 16:23*	*1*
4-Bromofluorobenzene (Surr)	*108*		*76 - 123*		*03/08/19 16:23*	*1*
Toluene-d8 (Surr)	*105*		*77 - 120*		*03/08/19 16:23*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*03/08/19 16:23*	*1*

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-149907-1

Client Sample ID: 5R

Lab Sample ID: 480-149907-3

Date Collected: 03/07/19 09:45

Matrix: Water

Date Received: 03/08/19 07:00

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		03/09/19 08:45	03/11/19 12:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**398**		10.0	4.0	mg/L			03/12/19 02:49	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			03/11/19 04:14	1
pH	**7.3**	**HF**	0.1	0.1	SU			03/28/19 15:29	1
Temperature	**18.5**	**HF**	0.001	0.001	Degrees C			03/28/19 15:29	1

Client Sample ID: Combined Influent

Lab Sample ID: 480-149907-4

Date Collected: 03/07/19 09:50

Matrix: Water

Date Received: 03/08/19 07:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**35**		5.0	0.39	ug/L			03/08/19 16:46	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/08/19 16:46	1
1,1-Dichloroethane	**6.7**		5.0	0.59	ug/L			03/08/19 16:46	1
1,1-Dichloroethylene	**8.1**		5.0	0.85	ug/L			03/08/19 16:46	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/08/19 16:46	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/08/19 16:46	1
1,4-Dioxane	ND		200	15	ug/L			03/08/19 16:46	1
Acetone	ND		25	2.0	ug/L			03/08/19 16:46	1
Benzene	ND		5.0	0.60	ug/L			03/08/19 16:46	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/08/19 16:46	1
Chloroform	ND		5.0	0.54	ug/L			03/08/19 16:46	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/08/19 16:46	1
Toluene	ND		5.0	0.45	ug/L			03/08/19 16:46	1
Trichloroethylene	**2.1**	**J**	5.0	0.60	ug/L			03/08/19 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*68 - 130*		*03/08/19 16:46*	*1*
4-Bromofluorobenzene (Surr)	*108*		*76 - 123*		*03/08/19 16:46*	*1*
Toluene-d8 (Surr)	*106*		*77 - 120*		*03/08/19 16:46*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*03/08/19 16:46*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		03/09/19 08:45	03/11/19 12:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**366**		10.0	4.0	mg/L			03/12/19 02:49	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			03/11/19 04:14	1
pH	**7.0**	**HF**	0.1	0.1	SU			03/28/19 15:26	1
Temperature	**17.5**	**HF**	0.001	0.001	Degrees C			03/28/19 15:26	1

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-149907-1

Client Sample ID: Effluent

Lab Sample ID: 480-149907-5

Date Collected: 03/07/19 09:55

Matrix: Water

Date Received: 03/08/19 07:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.51**	**J**	5.0	0.39	ug/L			03/08/19 17:10	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/08/19 17:10	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/08/19 17:10	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			03/08/19 17:10	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/08/19 17:10	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/08/19 17:10	1
1,4-Dioxane	ND		200	15	ug/L			03/08/19 17:10	1
Acetone	ND		25	2.0	ug/L			03/08/19 17:10	1
Benzene	ND		5.0	0.60	ug/L			03/08/19 17:10	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/08/19 17:10	1
Chloroform	ND		5.0	0.54	ug/L			03/08/19 17:10	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/08/19 17:10	1
Toluene	ND		5.0	0.45	ug/L			03/08/19 17:10	1
Trichloroethylene	ND		5.0	0.60	ug/L			03/08/19 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*68 - 130*		*03/08/19 17:10*	*1*
4-Bromofluorobenzene (Surr)	*106*		*76 - 123*		*03/08/19 17:10*	*1*
Toluene-d8 (Surr)	*102*		*77 - 120*		*03/08/19 17:10*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*03/08/19 17:10*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		03/09/19 08:45	03/11/19 12:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**376**		10.0	4.0	mg/L			03/12/19 02:49	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**4.8**		4.0	4.0	mg/L			03/11/19 04:14	1
pH	**8.0**	**HF**	0.1	0.1	SU			03/28/19 15:23	1
Temperature	**17.4**	**HF**	0.001	0.001	Degrees C			03/28/19 15:23	1

Client Sample ID: Trip Blank

Lab Sample ID: 480-149907-6

Date Collected: 03/07/19 00:00

Matrix: Water

Date Received: 03/08/19 07:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/08/19 17:34	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/08/19 17:34	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/08/19 17:34	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			03/08/19 17:34	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/08/19 17:34	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/08/19 17:34	1
1,4-Dioxane	ND		200	15	ug/L			03/08/19 17:34	1
Acetone	ND		25	2.0	ug/L			03/08/19 17:34	1
Benzene	ND		5.0	0.60	ug/L			03/08/19 17:34	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/08/19 17:34	1
Chloroform	ND		5.0	0.54	ug/L			03/08/19 17:34	1

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-149907-1

Client Sample ID: Trip Blank
Date Collected: 03/07/19 00:00
Date Received: 03/08/19 07:00

Lab Sample ID: 480-149907-6
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.0	0.81	ug/L			03/08/19 17:34	1
Toluene	ND		5.0	0.45	ug/L			03/08/19 17:34	1
Trichloroethylene	ND		5.0	0.60	ug/L			03/08/19 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*68 - 130*		*03/08/19 17:34*	*1*
4-Bromofluorobenzene (Surr)	*110*		*76 - 123*		*03/08/19 17:34*	*1*
Toluene-d8 (Surr)	*106*		*77 - 120*		*03/08/19 17:34*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*03/08/19 17:34*	*1*

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-149907-1

Client Sample ID: 7R

Lab Sample ID: 480-149907-1

Date Collected: 03/07/19 09:35

Matrix: Water

Date Received: 03/08/19 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	462393	03/11/19 14:29	S1V	TAL BUF
Total/NA	Prep	200.7			462229	03/09/19 08:45	MV	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	462507	03/11/19 12:21	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	462474	03/12/19 02:49	EY	TAL BUF
Total/NA	Analysis	SM 2540D		1	462317	03/11/19 04:14	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	465256	03/28/19 15:35	KEB	TAL BUF

Client Sample ID: ERT-1

Lab Sample ID: 480-149907-2

Date Collected: 03/07/19 09:40

Matrix: Water

Date Received: 03/08/19 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	462131	03/08/19 15:59	CDC	TAL BUF
Total/NA	Prep	200.7			462229	03/09/19 08:45	MV	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	462507	03/11/19 12:25	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	462474	03/12/19 02:49	EY	TAL BUF
Total/NA	Analysis	SM 2540D		1	462317	03/11/19 04:14	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	465256	03/28/19 15:32	KEB	TAL BUF

Client Sample ID: 5R

Lab Sample ID: 480-149907-3

Date Collected: 03/07/19 09:45

Matrix: Water

Date Received: 03/08/19 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	462131	03/08/19 16:23	CDC	TAL BUF
Total/NA	Prep	200.7			462229	03/09/19 08:45	MV	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	462507	03/11/19 12:29	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	462474	03/12/19 02:49	EY	TAL BUF
Total/NA	Analysis	SM 2540D		1	462317	03/11/19 04:14	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	465256	03/28/19 15:29	KEB	TAL BUF

Client Sample ID: Combined Influent

Lab Sample ID: 480-149907-4

Date Collected: 03/07/19 09:50

Matrix: Water

Date Received: 03/08/19 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	462131	03/08/19 16:46	CDC	TAL BUF
Total/NA	Prep	200.7			462229	03/09/19 08:45	MV	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	462507	03/11/19 12:43	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	462474	03/12/19 02:49	EY	TAL BUF
Total/NA	Analysis	SM 2540D		1	462317	03/11/19 04:14	MLS	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-149907-1

Client Sample ID: Combined Influent

Lab Sample ID: 480-149907-4

Date Collected: 03/07/19 09:50
Matrix: Water
Date Received: 03/08/19 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 H+ B		1	465256	03/28/19 15:26	KEB	TAL BUF

Client Sample ID: Effluent

Lab Sample ID: 480-149907-5

Date Collected: 03/07/19 09:55
Matrix: Water
Date Received: 03/08/19 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	462131	03/08/19 17:10	CDC	TAL BUF
Total/NA	Prep	200.7			462229	03/09/19 08:45	MV	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	462507	03/11/19 12:47	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	462474	03/12/19 02:49	EY	TAL BUF
Total/NA	Analysis	SM 2540D		1	462317	03/11/19 04:14	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	465256	03/28/19 15:23	KEB	TAL BUF

Client Sample ID: Trip Blank

Lab Sample ID: 480-149907-6

Date Collected: 03/07/19 00:00
Matrix: Water
Date Received: 03/08/19 07:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	462131	03/08/19 17:34	CDC	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-149907-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-19 *

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
624.1		Water	1,2-Dichloroethene, Total
624.1		Water	1,4-Dioxane
SM 4500 H+ B		Water	pH
SM 4500 H+ B		Water	Temperature

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-149907-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF
200.7	Preparation, Total Metals	EPA	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

TestAmerica Job ID: 480-149907-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-149907-1	7R	Water	03/07/19 09:35	03/08/19 07:00
480-149907-2	ERT-1	Water	03/07/19 09:40	03/08/19 07:00
480-149907-3	5R	Water	03/07/19 09:45	03/08/19 07:00
480-149907-4	Combined Influent	Water	03/07/19 09:50	03/08/19 07:00
480-149907-5	Effluent	Water	03/07/19 09:55	03/08/19 07:00
480-149907-6	Trip Blank	Water	03/07/19 00:00	03/08/19 07:00

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-149907-1

Login Number: 149907

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kinecki, Kenneth P

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	AZTECH
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	NA: Check done at department level as required

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Albany #224

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Michael Deyette	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-123825-15807.1
Client Contact: Andrew Talbot	Phone:	E-Mail: judy.stone@testamericainc.com		Page: Page 1 of 1
Company: Aztech Technologies Inc				Job #: 98

Address: 5 McCrea Hill Road	Due Date Requested:
City: Ballston Spa	TAT Requested (days):
State, Zip: NY, 12020	
Phone:	PO #: CallOut 136396
Email: atalbot@aztechenv.com	WO #:
Project Name: Mohonk Rd. #356023	Project #: 48005267
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.7 - Iron	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	SM4500_H+ - pH	624.1_PREC - (MOD) Priority Pollutant List - VOA - 62	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	N	A		
7R	3/7/19	9:35	Grab	Water	N	N	X	X	X	X	X	7	
ERT-1	3/7/19	9:40	Grab	Water	N	N	X	X	X	X	X	7	
5R	3/7/19	9:45	Grab	Water	N	N	X	X	X	X	X	7	
Combined Influent	3/7/19	9:50	Grab	Water	N	N	X	X	X	X	X	7	
Effluent	3/7/19	9:55	Grab	Water	N	N	X	X	X	X	X	7	
	1X2	3-7-19											

480-149907 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	3/7/19 1501	Atech	Karl Zacher	3/7/19 1501	TA
Karl Zacher	3/7/19 1800	TA	[signature]	3/8/19 0700	TAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: #13;2

Ver: 01/16/2019

3/29/2019

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-151272-1
Client Project/Site: Mohonk Rd. #356023

For:
New York State D.E.C.
625 Broadway
Division of Environmental Remediation
Albany, New York 12233-7014

Attn: Charles Gregory

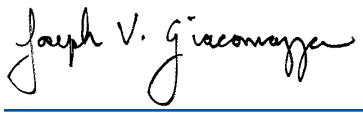
Joseph V. Giacomazza

Authorized for release by:
4/18/2019 11:48:32 AM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
4/18/2019 11:48:32 AM

Table of Contents

Definitions/Glossary

Client: New York State D.E.C.
Job ID: 480-151272-1
Project/Site: Mohonk Rd. #356023

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 480-151272-1

Job ID: 480-151272-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-151272-1

Receipt
The samples were received on 4/4/2019 1:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.6º C.

GC/MS VOA
Method(s) 624.1: The following sample was diluted to bring the concentration of target analytes within the calibration range: ERT-1 (480-151272-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method(s) 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 7R (480-151272-1), ERT-1 (480-151272-2), 5R (480-151272-3), Combined Influent (480-151272-4) and Effluent (480-151272-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 480-151272-1

Client Sample ID: 7R

Lab Sample ID: 480-151272-1

Date Collected: 04/03/19 11:05

Matrix: Water

Date Received: 04/04/19 01:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**78**		5.0	0.39	ug/L			04/04/19 11:55	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/04/19 11:55	1
1,1-Dichloroethane	**28**		5.0	0.59	ug/L			04/04/19 11:55	1
1,1-Dichloroethylene	**11**		5.0	0.85	ug/L			04/04/19 11:55	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/04/19 11:55	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/04/19 11:55	1
1,4-Dioxane	ND		200	15	ug/L			04/04/19 11:55	1
Acetone	ND		25	2.0	ug/L			04/04/19 11:55	1
Benzene	ND		5.0	0.60	ug/L			04/04/19 11:55	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/04/19 11:55	1
Chloroform	ND		5.0	0.54	ug/L			04/04/19 11:55	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/04/19 11:55	1
Toluene	ND		5.0	0.45	ug/L			04/04/19 11:55	1
Trichloroethylene	**1.9**	**J**	5.0	0.60	ug/L			04/04/19 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*68 - 130*		*04/04/19 11:55*	*1*
4-Bromofluorobenzene (Surr)	*90*		*76 - 123*		*04/04/19 11:55*	*1*
Toluene-d8 (Surr)	*87*		*77 - 120*		*04/04/19 11:55*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*04/04/19 11:55*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		04/05/19 08:15	04/08/19 13:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**359**		10.0	4.0	mg/L			04/10/19 10:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/09/19 00:52	1
pH	**8.1**	**HF**	0.1	0.1	SU			04/17/19 13:22	1
Temperature	**18.9**	**HF**	0.001	0.001	Degrees C			04/17/19 13:22	1

Client Sample ID: ERT-1

Lab Sample ID: 480-151272-2

Date Collected: 04/03/19 11:00

Matrix: Water

Date Received: 04/04/19 01:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/04/19 12:44	1
1,1-Dichloroethane	**15**		5.0	0.59	ug/L			04/04/19 12:44	1
1,1-Dichloroethylene	**29**		5.0	0.85	ug/L			04/04/19 12:44	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/04/19 12:44	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/04/19 12:44	1
1,4-Dioxane	ND		200	15	ug/L			04/04/19 12:44	1
Acetone	ND		25	2.0	ug/L			04/04/19 12:44	1
Benzene	ND		5.0	0.60	ug/L			04/04/19 12:44	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/04/19 12:44	1
Chloroform	ND		5.0	0.54	ug/L			04/04/19 12:44	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/04/19 12:44	1

Client Sample ID: ERT-1

Lab Sample ID: 480-151272-2

Date Collected: 04/03/19 11:00

Matrix: Water

Date Received: 04/04/19 01:00

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		5.0	0.45	ug/L			04/04/19 12:44	1
Trichloroethylene	**9.6**		5.0	0.60	ug/L			04/04/19 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*68 - 130*		*04/04/19 12:44*	*1*
4-Bromofluorobenzene (Surr)	*89*		*76 - 123*		*04/04/19 12:44*	*1*
Toluene-d8 (Surr)	*87*		*77 - 120*		*04/04/19 12:44*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 123*		*04/04/19 12:44*	*1*

Method: 624.1 - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**110**		10	0.77	ug/L			04/05/19 12:03	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*68 - 130*		*04/05/19 12:03*	*2*
4-Bromofluorobenzene (Surr)	*88*		*76 - 123*		*04/05/19 12:03*	*2*
Toluene-d8 (Surr)	*85*		*77 - 120*		*04/05/19 12:03*	*2*
Dibromofluoromethane (Surr)	*84*		*75 - 123*		*04/05/19 12:03*	*2*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		04/05/19 08:15	04/08/19 13:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**373**		10.0	4.0	mg/L			04/10/19 10:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/09/19 00:52	1
pH	**7.6**	**HF**	0.1	0.1	SU			04/17/19 13:25	1
Temperature	**19.0**	**HF**	0.001	0.001	Degrees C			04/17/19 13:25	1

Client Sample ID: 5R

Lab Sample ID: 480-151272-3

Date Collected: 04/03/19 10:55

Matrix: Water

Date Received: 04/04/19 01:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**21**		5.0	0.39	ug/L			04/04/19 13:07	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/04/19 13:07	1
1,1-Dichloroethane	**0.88**	**J**	5.0	0.59	ug/L			04/04/19 13:07	1
1,1-Dichloroethylene	**4.6**	**J**	5.0	0.85	ug/L			04/04/19 13:07	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/04/19 13:07	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/04/19 13:07	1
1,4-Dioxane	ND		200	15	ug/L			04/04/19 13:07	1
Acetone	ND		25	2.0	ug/L			04/04/19 13:07	1
Benzene	ND		5.0	0.60	ug/L			04/04/19 13:07	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/04/19 13:07	1
Chloroform	ND		5.0	0.54	ug/L			04/04/19 13:07	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/04/19 13:07	1
Toluene	ND		5.0	0.45	ug/L			04/04/19 13:07	1
Trichloroethylene	**2.1**	**J**	5.0	0.60	ug/L			04/04/19 13:07	1

Client Sample ID: 5R

Lab Sample ID: 480-151272-3

Date Collected: 04/03/19 10:55

Matrix: Water

Date Received: 04/04/19 01:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*68 - 130*		*04/04/19 13:07*	*1*
4-Bromofluorobenzene (Surr)	*89*		*76 - 123*		*04/04/19 13:07*	*1*
Toluene-d8 (Surr)	*86*		*77 - 120*		*04/04/19 13:07*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*04/04/19 13:07*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		04/05/19 08:15	04/08/19 13:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**363**		10.0	4.0	mg/L			04/10/19 10:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/09/19 00:52	1
pH	**7.9**	**HF**	0.1	0.1	SU			04/17/19 13:28	1
Temperature	**19.4**	**HF**	0.001	0.001	Degrees C			04/17/19 13:28	1

Client Sample ID: Combined Influent

Lab Sample ID: 480-151272-4

Date Collected: 04/03/19 10:50

Matrix: Water

Date Received: 04/04/19 01:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**87**		5.0	0.39	ug/L			04/04/19 13:31	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/04/19 13:31	1
1,1-Dichloroethane	**15**		5.0	0.59	ug/L			04/04/19 13:31	1
1,1-Dichloroethylene	**19**		5.0	0.85	ug/L			04/04/19 13:31	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/04/19 13:31	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/04/19 13:31	1
1,4-Dioxane	ND		200	15	ug/L			04/04/19 13:31	1
Acetone	ND		25	2.0	ug/L			04/04/19 13:31	1
Benzene	ND		5.0	0.60	ug/L			04/04/19 13:31	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/04/19 13:31	1
Chloroform	ND		5.0	0.54	ug/L			04/04/19 13:31	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/04/19 13:31	1
Toluene	ND		5.0	0.45	ug/L			04/04/19 13:31	1
Trichloroethylene	**5.1**		5.0	0.60	ug/L			04/04/19 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*68 - 130*		*04/04/19 13:31*	*1*
4-Bromofluorobenzene (Surr)	*90*		*76 - 123*		*04/04/19 13:31*	*1*
Toluene-d8 (Surr)	*87*		*77 - 120*		*04/04/19 13:31*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*04/04/19 13:31*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		04/05/19 08:15	04/08/19 13:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**375**		10.0	4.0	mg/L			04/10/19 10:30	1

Client Sample ID: Combined Influent

Lab Sample ID: 480-151272-4

Date Collected: 04/03/19 10:50

Matrix: Water

Date Received: 04/04/19 01:00

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/09/19 00:52	1
pH	**7.6**	**HF**	0.1	0.1	SU			04/17/19 13:34	1
Temperature	**19.2**	**HF**	0.001	0.001	Degrees C			04/17/19 13:34	1

Client Sample ID: Effluent

Lab Sample ID: 480-151272-5

Date Collected: 04/03/19 10:45

Matrix: Water

Date Received: 04/04/19 01:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			04/04/19 13:55	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/04/19 13:55	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/04/19 13:55	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			04/04/19 13:55	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/04/19 13:55	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/04/19 13:55	1
1,4-Dioxane	ND		200	15	ug/L			04/04/19 13:55	1
Acetone	ND		25	2.0	ug/L			04/04/19 13:55	1
Benzene	ND		5.0	0.60	ug/L			04/04/19 13:55	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/04/19 13:55	1
Chloroform	ND		5.0	0.54	ug/L			04/04/19 13:55	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/04/19 13:55	1
Toluene	ND		5.0	0.45	ug/L			04/04/19 13:55	1
Trichloroethylene	ND		5.0	0.60	ug/L			04/04/19 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*68 - 130*		*04/04/19 13:55*	*1*
4-Bromofluorobenzene (Surr)	*89*		*76 - 123*		*04/04/19 13:55*	*1*
Toluene-d8 (Surr)	*86*		*77 - 120*		*04/04/19 13:55*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*04/04/19 13:55*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		04/05/19 08:15	04/09/19 23:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**371**		10.0	4.0	mg/L			04/10/19 10:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/09/19 00:52	1
pH	**8.3**	**HF**	0.1	0.1	SU			04/17/19 13:37	1
Temperature	**19.1**	**HF**	0.001	0.001	Degrees C			04/17/19 13:37	1

Client Sample ID: Trip Blank

Lab Sample ID: 480-151272-6

Date Collected: 04/03/19 00:00

Matrix: Water

Date Received: 04/04/19 01:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			04/04/19 14:18	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/04/19 14:18	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/04/19 14:18	1

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 480-151272-1

Client Sample ID: Trip Blank
Date Collected: 04/03/19 00:00
Date Received: 04/04/19 01:00

Lab Sample ID: 480-151272-6
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			04/04/19 14:18	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/04/19 14:18	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/04/19 14:18	1
1,4-Dioxane	ND		200	15	ug/L			04/04/19 14:18	1
Acetone	ND		25	2.0	ug/L			04/04/19 14:18	1
Benzene	ND		5.0	0.60	ug/L			04/04/19 14:18	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/04/19 14:18	1
Chloroform	ND		5.0	0.54	ug/L			04/04/19 14:18	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/04/19 14:18	1
Toluene	ND		5.0	0.45	ug/L			04/04/19 14:18	1
Trichloroethylene	ND		5.0	0.60	ug/L			04/04/19 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*68 - 130*		*04/04/19 14:18*	*1*
4-Bromofluorobenzene (Surr)	*89*		*76 - 123*		*04/04/19 14:18*	*1*
Toluene-d8 (Surr)	*87*		*77 - 120*		*04/04/19 14:18*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 123*		*04/04/19 14:18*	*1*

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 480-151272-1

Client Sample ID: 7R

Lab Sample ID: 480-151272-1

Date Collected: 04/03/19 11:05
Matrix: Water
Date Received: 04/04/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	466162	04/04/19 11:55	S1V	TAL BUF
Total/NA	Prep	200.7			466339	04/05/19 08:15	MV	TAL BUF
Total/NA	Prep	200.7			466339	04/05/19 08:15	MV	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	466897	04/08/19 13:04	AMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	467167	04/10/19 10:30	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	466845	04/09/19 00:52	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	468431	04/17/19 13:22	KEB	TAL BUF

Client Sample ID: ERT-1

Lab Sample ID: 480-151272-2

Date Collected: 04/03/19 11:00
Matrix: Water
Date Received: 04/04/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	466162	04/04/19 12:44	S1V	TAL BUF
Total/NA	Analysis	624.1	DL	2	466385	04/05/19 12:03	S1V	TAL BUF
Total/NA	Prep	200.7			466339	04/05/19 08:15	MV	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	466897	04/08/19 13:08	AMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	467167	04/10/19 10:30	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	466845	04/09/19 00:52	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	468431	04/17/19 13:25	KEB	TAL BUF

Client Sample ID: 5R

Lab Sample ID: 480-151272-3

Date Collected: 04/03/19 10:55
Matrix: Water
Date Received: 04/04/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	466162	04/04/19 13:07	S1V	TAL BUF
Total/NA	Prep	200.7			466339	04/05/19 08:15	MV	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	466897	04/08/19 13:12	AMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	467167	04/10/19 10:30	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	466845	04/09/19 00:52	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	468431	04/17/19 13:28	KEB	TAL BUF

Client Sample ID: Combined Influent

Lab Sample ID: 480-151272-4

Date Collected: 04/03/19 10:50
Matrix: Water
Date Received: 04/04/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	466162	04/04/19 13:31	S1V	TAL BUF
Total/NA	Prep	200.7			466339	04/05/19 08:15	MV	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	466897	04/08/19 13:22	AMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	467167	04/10/19 10:30	RAF	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 480-151272-1

Client Sample ID: Combined Influent

Lab Sample ID: 480-151272-4

Date Collected: 04/03/19 10:50
Matrix: Water
Date Received: 04/04/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	466845	04/09/19 00:52	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	468431	04/17/19 13:34	KEB	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	468431	04/17/19 13:34	KEB	TAL BUF

Client Sample ID: Effluent

Lab Sample ID: 480-151272-5

Date Collected: 04/03/19 10:45
Matrix: Water
Date Received: 04/04/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	466162	04/04/19 13:55	S1V	TAL BUF
Total/NA	Prep	200.7			466339	04/05/19 08:15	MV	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	467094	04/09/19 23:03	AMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	467167	04/10/19 10:30	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	466845	04/09/19 00:52	MLS	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	468431	04/17/19 13:37	KEB	TAL BUF

Client Sample ID: Trip Blank

Lab Sample ID: 480-151272-6

Date Collected: 04/03/19 00:00
Matrix: Water
Date Received: 04/04/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	466162	04/04/19 14:18	S1V	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: New York State D.E.C.
Job ID: 480-151272-1
Project/Site: Mohonk Rd. #356023

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
624.1		Water	1,2-Dichloroethene, Total
624.1		Water	1,4-Dioxane
SM 4500 H+ B		Water	pH
SM 4500 H+ B		Water	Temperature

Method Summary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 480-151272-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF
200.7	Preparation, Total Metals	EPA	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 480-151272-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-151272-1	7R	Water	04/03/19 11:05	04/04/19 01:00
480-151272-2	ERT-1	Water	04/03/19 11:00	04/04/19 01:00
480-151272-3	5R	Water	04/03/19 10:55	04/04/19 01:00
480-151272-4	Combined Influent	Water	04/03/19 10:50	04/04/19 01:00
480-151272-5	Effluent	Water	04/03/19 10:45	04/04/19 01:00
480-151272-6	Trip Blank	Water	04/03/19 00:00	04/04/19 01:00

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-151272-1

Login Number: 151272

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Velickovic, Zoran

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Aztech
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Albany #224

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: John Stutzke	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-123826-15807.1
Client Contact: Andrew Talbot	Phone:	E-Mail: judy.stone@testamericainc.com		Page: Page 1 of 1
Company: Aztech Technologies Inc				Job #:
Address: 5 McCrea Hill Road	Due Date Requested:			
City: Ballston Spa	TAT Requested (days):			
State, Zip: NY, 12020				
Phone:	PO #: CallOut 136396			
Email: atalbot@aztechenv.com	WO #:			
Project Name: Mohonk Rd. #356023	Project #: 48005267			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.7 - Iron	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	SM4500_H+ - pH	624.1_PREC - (MOD) Priority Pollutant List - VOA - 62	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	N	A		
7R	4-3	1105	G	Water									
ERT-1	4-3	1100	G	Water									
5R	4-3	1055	G	Water									
Combined Influent	4-3	1050	G	Water									
Effluent	4-3	1045	G	Water									

480-151272 Chain of Custody

4-3-19

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Lewis Gilmore	4-3-19 1430	ARTECH	[signature]	4-3-19 1430	TA
2	[signature]	4-3-19 1800	TA	[signature]	04/04/19 0100	
3						

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks:

2.6 #1

Ver: 01/16/2019

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Tel: (732)549-3900

Laboratory Job ID: 460-181149-1
Client Project/Site: Mohonk Rd. #356023

For:
New York State D.E.C.
625 Broadway
Division of Environmental Remediation
Albany, New York 12233-7014

Attn: Charles Gregory

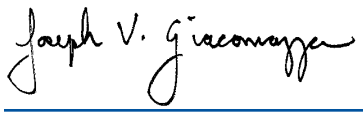
Joseph V. Giacomazza

Authorized for release by:
5/10/2019 12:37:40 PM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
5/10/2019 12:37:40 PM

Table of Contents

Definitions/Glossary

Client: New York State D.E.C.
Job ID: 460-181149-1
Project/Site: Mohonk Rd. #356023

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 460-181149-1

Job ID: 460-181149-1

Laboratory: Eurofins TestAmerica, Edison

Narrative

Job Narrative
460-181149-1

Receipt
The samples were received on 5/1/2019 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2º C.

Receipt Exceptions
A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC).
VOC method logged in as directed by client/PM.
Per laboratory policy, the TB sample date and time were added/changed to reflect the latest sample date and time of the sampling event.

GC/MS VOA
Method(s) 624.1: Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: ERT-1 (460-181149-2). The result has been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method(s) SM 4500 H+ B: Per PM request, the temperature is included in an NCM.
181149-1: 21.8 deg C
181149-2: 21.8 deg C
181149-3: 22.1 deg C
181149-4: 22.2 deg C
181149-5: 21.3 deg C

7R (460-181149-1), ERT-1 (460-181149-2), 5R (460-181149-3), Combined Influent (460-181149-4) and Effluent (460-181149-5)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample ID: 7R

Lab Sample ID: 460-181149-1

Date Collected: 04/29/19 13:35

Matrix: Water

Date Received: 05/01/19 09:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**330**		1.0	0.24	ug/L			05/07/19 12:55	1
1,1,2-Trichloroethane	ND		1.0	0.43	ug/L			05/07/19 12:55	1
1,1-Dichloroethane	**130**		1.0	0.26	ug/L			05/07/19 12:55	1
1,1-Dichloroethylene	**32**		1.0	0.12	ug/L			05/07/19 12:55	1
1,2-Dichloroethane	**0.51**	**J**	1.0	0.43	ug/L			05/07/19 12:55	1
1,2-Dichloroethene, Total	**4.9**		2.0	0.44	ug/L			05/07/19 12:55	1
1,4-Dioxane	ND		50	28	ug/L			05/07/19 12:55	1
Acetone	ND		5.0	5.0	ug/L			05/07/19 12:55	1
Benzene	ND		1.0	0.43	ug/L			05/07/19 12:55	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			05/07/19 12:55	1
Chloroform	ND		1.0	0.33	ug/L			05/07/19 12:55	1
Methylene Chloride	ND		1.0	0.32	ug/L			05/07/19 12:55	1
Toluene	ND		1.0	0.38	ug/L			05/07/19 12:55	1
Trichloroethylene	**2.5**		1.0	0.31	ug/L			05/07/19 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*128*		*60 - 140*		*05/07/19 12:55*	*1*
4-Bromofluorobenzene	*90*		*60 - 140*		*05/07/19 12:55*	*1*
Toluene-d8 (Surr)	*101*		*60 - 140*		*05/07/19 12:55*	*1*
Dibromofluoromethane (Surr)	*117*		*60 - 140*		*05/07/19 12:55*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.15	0.11	mg/L		05/07/19 09:33	05/09/19 06:03	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.9**	**HF**			SU			05/08/19 13:33	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**421**		10.0	10.0	mg/L			05/06/19 08:56	1
Total Suspended Solids	ND		2.5	2.5	mg/L			05/05/19 08:40	1

Client Sample ID: ERT-1

Lab Sample ID: 460-181149-2

Date Collected: 04/29/19 13:30

Matrix: Water

Date Received: 05/01/19 09:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**290**		1.0	0.24	ug/L			05/07/19 13:18	1
1,1,2-Trichloroethane	**0.48**	**J**	1.0	0.43	ug/L			05/07/19 13:18	1
1,1-Dichloroethane	**31**		1.0	0.26	ug/L			05/07/19 13:18	1
1,1-Dichloroethylene	**63**		1.0	0.12	ug/L			05/07/19 13:18	1
1,2-Dichloroethane	**0.73**	**J**	1.0	0.43	ug/L			05/07/19 13:18	1
1,2-Dichloroethene, Total	**1.2**	**J**	2.0	0.44	ug/L			05/07/19 13:18	1
1,4-Dioxane	ND		50	28	ug/L			05/07/19 13:18	1
Acetone	ND		5.0	5.0	ug/L			05/07/19 13:18	1
Benzene	ND		1.0	0.43	ug/L			05/07/19 13:18	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			05/07/19 13:18	1
Chloroform	**0.48**	**J**	1.0	0.33	ug/L			05/07/19 13:18	1
Methylene Chloride	ND		1.0	0.32	ug/L			05/07/19 13:18	1

Client Sample ID: ERT-1

Lab Sample ID: 460-181149-2

Date Collected: 04/29/19 13:30

Matrix: Water

Date Received: 05/01/19 09:00

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.38	ug/L			05/07/19 13:18	1
Trichloroethylene	**21**		1.0	0.31	ug/L			05/07/19 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*147*	*X*	*60 - 140*		*05/07/19 13:18*	*1*
4-Bromofluorobenzene	*103*		*60 - 140*		*05/07/19 13:18*	*1*
Toluene-d8 (Surr)	*117*		*60 - 140*		*05/07/19 13:18*	*1*
Dibromofluoromethane (Surr)	*138*		*60 - 140*		*05/07/19 13:18*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.15	0.11	mg/L		05/07/19 09:33	05/09/19 06:07	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.7**	**HF**			SU			05/08/19 13:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**457**		10.0	10.0	mg/L			05/06/19 08:56	1
Total Suspended Solids	ND		2.5	2.5	mg/L			05/05/19 08:40	1

Client Sample ID: 5R

Lab Sample ID: 460-181149-3

Date Collected: 04/29/19 13:25

Matrix: Water

Date Received: 05/01/19 09:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**130**		1.0	0.24	ug/L			05/07/19 13:40	1
1,1,2-Trichloroethane	ND		1.0	0.43	ug/L			05/07/19 13:40	1
1,1-Dichloroethane	**7.3**		1.0	0.26	ug/L			05/07/19 13:40	1
1,1-Dichloroethylene	**28**		1.0	0.12	ug/L			05/07/19 13:40	1
1,2-Dichloroethane	**0.64**	**J**	1.0	0.43	ug/L			05/07/19 13:40	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			05/07/19 13:40	1
1,4-Dioxane	ND		50	28	ug/L			05/07/19 13:40	1
Acetone	ND		5.0	5.0	ug/L			05/07/19 13:40	1
Benzene	ND		1.0	0.43	ug/L			05/07/19 13:40	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			05/07/19 13:40	1
Chloroform	ND		1.0	0.33	ug/L			05/07/19 13:40	1
Methylene Chloride	ND		1.0	0.32	ug/L			05/07/19 13:40	1
Toluene	ND		1.0	0.38	ug/L			05/07/19 13:40	1
Trichloroethylene	**8.1**		1.0	0.31	ug/L			05/07/19 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*134*		*60 - 140*		*05/07/19 13:40*	*1*
4-Bromofluorobenzene	*93*		*60 - 140*		*05/07/19 13:40*	*1*
Toluene-d8 (Surr)	*103*		*60 - 140*		*05/07/19 13:40*	*1*
Dibromofluoromethane (Surr)	*121*		*60 - 140*		*05/07/19 13:40*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.15	0.11	mg/L		05/07/19 09:33	05/09/19 06:19	1

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 460-181149-1

Client Sample ID: 5R

Lab Sample ID: 460-181149-3

Date Collected: 04/29/19 13:25
Matrix: Water
Date Received: 05/01/19 09:00

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.6**	**HF**			SU			05/08/19 13:40	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**375**		10.0	10.0	mg/L			05/06/19 08:56	1
Total Suspended Solids	ND		2.5	2.5	mg/L			05/05/19 08:40	1

Client Sample ID: Combined Influent

Lab Sample ID: 460-181149-4

Date Collected: 04/29/19 13:20
Matrix: Water
Date Received: 05/01/19 09:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**190**		1.0	0.24	ug/L			05/07/19 14:03	1
1,1,2-Trichloroethane	ND		1.0	0.43	ug/L			05/07/19 14:03	1
1,1-Dichloroethane	**43**		1.0	0.26	ug/L			05/07/19 14:03	1
1,1-Dichloroethylene	**27**		1.0	0.12	ug/L			05/07/19 14:03	1
1,2-Dichloroethane	ND		1.0	0.43	ug/L			05/07/19 14:03	1
1,2-Dichloroethene, Total	**1.6**	**J**	2.0	0.44	ug/L			05/07/19 14:03	1
1,4-Dioxane	ND		50	28	ug/L			05/07/19 14:03	1
Acetone	ND		5.0	5.0	ug/L			05/07/19 14:03	1
Benzene	ND		1.0	0.43	ug/L			05/07/19 14:03	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			05/07/19 14:03	1
Chloroform	ND		1.0	0.33	ug/L			05/07/19 14:03	1
Methylene Chloride	ND		1.0	0.32	ug/L			05/07/19 14:03	1
Toluene	ND		1.0	0.38	ug/L			05/07/19 14:03	1
Trichloroethylene	**8.5**		1.0	0.31	ug/L			05/07/19 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*130*		*60 - 140*		*05/07/19 14:03*	*1*
4-Bromofluorobenzene	*95*		*60 - 140*		*05/07/19 14:03*	*1*
Toluene-d8 (Surr)	*102*		*60 - 140*		*05/07/19 14:03*	*1*
Dibromofluoromethane (Surr)	*119*		*60 - 140*		*05/07/19 14:03*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.15	0.11	mg/L		05/07/19 09:33	05/09/19 06:23	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.0**	**HF**			SU			05/08/19 13:43	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**418**		10.0	10.0	mg/L			05/06/19 08:56	1
Total Suspended Solids	ND		2.5	2.5	mg/L			05/05/19 08:40	1

Client Sample ID: Effluent

Lab Sample ID: 460-181149-5

Date Collected: 04/29/19 13:15
Matrix: Water
Date Received: 05/01/19 09:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			05/07/19 12:10	1
1,1,2-Trichloroethane	ND		1.0	0.43	ug/L			05/07/19 12:10	1

Client Sample ID: Effluent

Lab Sample ID: 460-181149-5

Date Collected: 04/29/19 13:15

Matrix: Water

Date Received: 05/01/19 09:00

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		1.0	0.26	ug/L			05/07/19 12:10	1
1,1-Dichloroethylene	ND		1.0	0.12	ug/L			05/07/19 12:10	1
1,2-Dichloroethane	ND		1.0	0.43	ug/L			05/07/19 12:10	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			05/07/19 12:10	1
1,4-Dioxane	ND		50	28	ug/L			05/07/19 12:10	1
Acetone	ND		5.0	5.0	ug/L			05/07/19 12:10	1
Benzene	ND		1.0	0.43	ug/L			05/07/19 12:10	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			05/07/19 12:10	1
Chloroform	ND		1.0	0.33	ug/L			05/07/19 12:10	1
Methylene Chloride	ND		1.0	0.32	ug/L			05/07/19 12:10	1
Toluene	ND		1.0	0.38	ug/L			05/07/19 12:10	1
Trichloroethylene	ND		1.0	0.31	ug/L			05/07/19 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*60 - 140*		*05/07/19 12:10*	*1*
4-Bromofluorobenzene	*91*		*60 - 140*		*05/07/19 12:10*	*1*
Toluene-d8 (Surr)	*103*		*60 - 140*		*05/07/19 12:10*	*1*
Dibromofluoromethane (Surr)	*113*		*60 - 140*		*05/07/19 12:10*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.15	0.11	mg/L		05/07/19 09:33	05/09/19 06:27	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.5**	**HF**			SU			05/08/19 13:46	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**416**		10.0	10.0	mg/L			05/06/19 08:56	1
Total Suspended Solids	ND		2.5	2.5	mg/L			05/05/19 08:40	1

Client Sample ID: Trip Blank

Lab Sample ID: 460-181149-6

Date Collected: 04/29/19 13:35

Matrix: Water

Date Received: 05/01/19 09:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			05/07/19 11:47	1
1,1,2-Trichloroethane	ND		1.0	0.43	ug/L			05/07/19 11:47	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			05/07/19 11:47	1
1,1-Dichloroethylene	ND		1.0	0.12	ug/L			05/07/19 11:47	1
1,2-Dichloroethane	ND		1.0	0.43	ug/L			05/07/19 11:47	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			05/07/19 11:47	1
1,4-Dioxane	ND		50	28	ug/L			05/07/19 11:47	1
Acetone	ND		5.0	5.0	ug/L			05/07/19 11:47	1
Benzene	ND		1.0	0.43	ug/L			05/07/19 11:47	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			05/07/19 11:47	1
Chloroform	ND		1.0	0.33	ug/L			05/07/19 11:47	1
Methylene Chloride	ND		1.0	0.32	ug/L			05/07/19 11:47	1
Toluene	ND		1.0	0.38	ug/L			05/07/19 11:47	1
Trichloroethylene	ND		1.0	0.31	ug/L			05/07/19 11:47	1

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 460-181149-1

Client Sample ID: Trip Blank
Date Collected: 04/29/19 13:35
Date Received: 05/01/19 09:00

Lab Sample ID: 460-181149-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	125		60 - 140		05/07/19 11:47	1
4-Bromofluorobenzene	92		60 - 140		05/07/19 11:47	1
Toluene-d8 (Surr)	106		60 - 140		05/07/19 11:47	1
Dibromofluoromethane (Surr)	118		60 - 140		05/07/19 11:47	1

Lab Chronicle

Client: New York State D.E.C.
Job ID: 460-181149-1
Project/Site: Mohonk Rd. #356023

Client Sample ID: 7R
Lab Sample ID: 460-181149-1
Date Collected: 04/29/19 13:35
Matrix: Water
Date Received: 05/01/19 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	608058	05/07/19 12:55	CJM	TAL EDI
Total Recoverable	Prep	200.7			608112	05/07/19 09:33	QZY	TAL EDI
Total Recoverable	Analysis	200.7 Rev 4.4		1	608420	05/09/19 06:03	CDC	TAL EDI
Total/NA	Analysis	SM 2540C		1	607801	05/06/19 08:56	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	607640	05/05/19 08:40	JJK	TAL EDI
Total/NA	Analysis	SM 4500 H+ B		1	608467	05/08/19 13:33	YAH	TAL EDI

Client Sample ID: ERT-1
Lab Sample ID: 460-181149-2
Date Collected: 04/29/19 13:30
Matrix: Water
Date Received: 05/01/19 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	608058	05/07/19 13:18	CJM	TAL EDI
Total Recoverable	Prep	200.7			608112	05/07/19 09:33	QZY	TAL EDI
Total Recoverable	Analysis	200.7 Rev 4.4		1	608420	05/09/19 06:07	CDC	TAL EDI
Total/NA	Analysis	SM 2540C		1	607801	05/06/19 08:56	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	607640	05/05/19 08:40	JJK	TAL EDI
Total/NA	Analysis	SM 4500 H+ B		1	608467	05/08/19 13:36	YAH	TAL EDI

Client Sample ID: 5R
Lab Sample ID: 460-181149-3
Date Collected: 04/29/19 13:25
Matrix: Water
Date Received: 05/01/19 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	608058	05/07/19 13:40	CJM	TAL EDI
Total Recoverable	Prep	200.7			608112	05/07/19 09:33	QZY	TAL EDI
Total Recoverable	Analysis	200.7 Rev 4.4		1	608420	05/09/19 06:19	CDC	TAL EDI
Total/NA	Analysis	SM 2540C		1	607801	05/06/19 08:56	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	607640	05/05/19 08:40	JJK	TAL EDI
Total/NA	Analysis	SM 4500 H+ B		1	608467	05/08/19 13:40	YAH	TAL EDI

Client Sample ID: Combined Influent
Lab Sample ID: 460-181149-4
Date Collected: 04/29/19 13:20
Matrix: Water
Date Received: 05/01/19 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	608058	05/07/19 14:03	CJM	TAL EDI
Total Recoverable	Prep	200.7			608112	05/07/19 09:33	QZY	TAL EDI
Total Recoverable	Analysis	200.7 Rev 4.4		1	608420	05/09/19 06:23	CDC	TAL EDI
Total/NA	Analysis	SM 2540C		1	607801	05/06/19 08:56	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	607640	05/05/19 08:40	JJK	TAL EDI
Total/NA	Analysis	SM 4500 H+ B		1	608467	05/08/19 13:43	YAH	TAL EDI

Lab Chronicle

Client: New York State D.E.C.
Job ID: 460-181149-1
Project/Site: Mohonk Rd. #356023

Client Sample ID: Effluent
Lab Sample ID: 460-181149-5

Date Collected: 04/29/19 13:15
Matrix: Water
Date Received: 05/01/19 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	608058	05/07/19 12:10	CJM	TAL EDI
Total Recoverable	Prep	200.7			608112	05/07/19 09:33	QZY	TAL EDI
Total Recoverable	Analysis	200.7 Rev 4.4		1	608420	05/09/19 06:27	CDC	TAL EDI
Total/NA	Analysis	SM 2540C		1	607801	05/06/19 08:56	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	607640	05/05/19 08:40	JJK	TAL EDI
Total/NA	Analysis	SM 4500 H+ B		1	608467	05/08/19 13:46	YAH	TAL EDI

Client Sample ID: Trip Blank
Lab Sample ID: 460-181149-6

Date Collected: 04/29/19 13:35
Matrix: Water
Date Received: 05/01/19 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	608058	05/07/19 11:47	CJM	TAL EDI

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: New York State D.E.C.
Job ID: 460-181149-1
Project/Site: Mohonk Rd. #356023

Laboratory: Eurofins TestAmerica, Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11452	04-01-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
624.1		Water	1,2-Dichloroethene, Total
624.1		Water	1,4-Dioxane
SM 4500 H+ B		Water	pH

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

Method Summary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 460-181149-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL EDI
200.7 Rev 4.4	Metals (ICP)	EPA	TAL EDI
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL EDI
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL EDI
SM 4500 H+ B	pH	SM	TAL EDI
200.7	Preparation, Total Recoverable Metals	EPA	TAL EDI

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 460-181149-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-181149-1	7R	Water	04/29/19 13:35	05/01/19 09:00
460-181149-2	ERT-1	Water	04/29/19 13:30	05/01/19 09:00
460-181149-3	5R	Water	04/29/19 13:25	05/01/19 09:00
460-181149-4	Combined Influent	Water	04/29/19 13:20	05/01/19 09:00
460-181149-5	Effluent	Water	04/29/19 13:15	05/01/19 09:00
460-181149-6	Trip Blank	Water	04/29/19 13:35	05/01/19 09:00

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

Albany #224

eurofins Environment Testing TestAmerica

Client Information	Sampler: CARL ALDRICH	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-123827-15807.1
Client Contact: Andrew Talbot	Phone: 518	E-Mail: judy.stone@testamericainc.com		Page: Page 1 of 1
Company: Aztech Technologies Inc				Job #: 181149
Address: 5 McCrea Hill Road	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
City: Ballston Spa	TAT Requested (days): STANDARD			
State, Zip: NY, 12020				
Phone:	PO #: CallOut 136396			Other:
Email: atalbot@aztechenv.com	WO #:			
Project Name: Mohonk Rd. #356023	Project #: 48005267			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.7 - Iron	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	SM4500_H+ - pH	624.1_PREC - (MOD) Priority Pollutant List - VOA - 62	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	N	A		
7R	42919	135	G	Water			X	X	X	X	X		1
ERT-1	42919	130	G	Water			X	X	X	X	X		2
5R	42919	125	G	Water			X	X	X	X	X		3
Combined Influent	42919	120	G	Water			X	X	X	X	X		4
Effluent	42919	115	G	Water			X	X	X	X	X		5
													6

TK
4-30-19

460-181149 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	42919 1430	AZTECH	Tim Knollmeyer	4-30-19 1430	Eurofins TA
Relinquished by: Tim Knollmeyer	Date/Time: 4-30-19 1800	Company Eurofins TA	Received by: Fedex	Date/Time: 5/01/19 9:00	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.: NO CS	Cooler Temperature(s) °C and Other Remarks: TR#9 3.7C

Ver: 01/16/2019

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 181149

Number of Coolers: 1 IR Gun #: 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	3.2 °C	3.2 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
1				<2											
2				<2											
3				<2											
4				<2											
5				<2											

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 05/03/19

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 460-181149-1

Login Number: 181149

List Source: Eurofins TestAmerica, Edison

List Number: 1

Creator: Villanueva, Angelica P

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 460-181149-1

Login Number: 181149

List Source: Eurofins TestAmerica, Edison

List Number: 2

Creator: Villanueva, Angelica P

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time (Excluding tests with immediate HTs)..		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Sampling Company provided.		
Samples received within 48 hours of sampling.		
Samples requiring field filtration have been filtered in the field.		
Chlorine Residual checked.		

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-154500-1
Client Project/Site: Mohonk Rd. #356023

For:
New York State D.E.C.
625 Broadway
Division of Environmental Remediation
Albany, New York 12233-7014

Attn: Charles Gregory

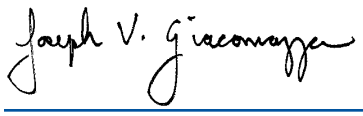
Joseph V. Giacomazza

Authorized for release by:
6/21/2019 11:46:10 AM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
6/21/2019 11:46:10 AM

Table of Contents

Client: New York State D.E.C.
Job ID: 480-154500-1
Project/Site: Mohonk Rd. #356023

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-154500-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-154500-1

Receipt
The samples were received on 6/6/2019 5:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method(s) 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 7R (480-154500-1), ERT-1 (480-154500-2), 5R (480-154500-3), Combined Influent (480-154500-4) and Effluent (480-154500-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 480-154500-1

Client Sample ID: 7R

Lab Sample ID: 480-154500-1

Date Collected: 06/05/19 09:50

Matrix: Water

Date Received: 06/06/19 05:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**97**		5.0	0.39	ug/L			06/06/19 17:40	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/06/19 17:40	1
1,1-Dichloroethane	**39**		5.0	0.59	ug/L			06/06/19 17:40	1
1,1-Dichloroethylene	**12**		5.0	0.85	ug/L			06/06/19 17:40	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/06/19 17:40	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/06/19 17:40	1
1,4-Dioxane	ND		200	15	ug/L			06/06/19 17:40	1
Acetone	ND		25	2.0	ug/L			06/06/19 17:40	1
Benzene	ND		5.0	0.60	ug/L			06/06/19 17:40	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/06/19 17:40	1
Chloroform	ND		5.0	0.54	ug/L			06/06/19 17:40	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/06/19 17:40	1
Toluene	ND		5.0	0.45	ug/L			06/06/19 17:40	1
Trichloroethylene	**1.8**	**J**	5.0	0.60	ug/L			06/06/19 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*68 - 130*		*06/06/19 17:40*	*1*
4-Bromofluorobenzene (Surr)	*111*		*76 - 123*		*06/06/19 17:40*	*1*
Toluene-d8 (Surr)	*109*		*77 - 120*		*06/06/19 17:40*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*06/06/19 17:40*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		06/07/19 08:42	06/08/19 20:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**466**		10.0	4.0	mg/L			06/12/19 08:33	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			06/12/19 10:24	1
pH	**7.4**	**HF**	0.1	0.1	SU			06/06/19 16:06	1
Temperature	**21.2**	**HF**	0.001	0.001	Degrees C			06/06/19 16:06	1

Client Sample ID: ERT-1

Lab Sample ID: 480-154500-2

Date Collected: 06/05/19 09:40

Matrix: Water

Date Received: 06/06/19 05:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**77**		5.0	0.39	ug/L			06/06/19 18:04	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/06/19 18:04	1
1,1-Dichloroethane	**10**		5.0	0.59	ug/L			06/06/19 18:04	1
1,1-Dichloroethylene	**23**		5.0	0.85	ug/L			06/06/19 18:04	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/06/19 18:04	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/06/19 18:04	1
1,4-Dioxane	ND		200	15	ug/L			06/06/19 18:04	1
Acetone	ND		25	2.0	ug/L			06/06/19 18:04	1
Benzene	ND		5.0	0.60	ug/L			06/06/19 18:04	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/06/19 18:04	1
Chloroform	ND		5.0	0.54	ug/L			06/06/19 18:04	1

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 480-154500-1

Client Sample ID: ERT-1

Lab Sample ID: 480-154500-2

Date Collected: 06/05/19 09:40

Matrix: Water

Date Received: 06/06/19 05:00

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.0	0.81	ug/L			06/06/19 18:04	1
Toluene	ND		5.0	0.45	ug/L			06/06/19 18:04	1
Trichloroethylene	**6.6**		5.0	0.60	ug/L			06/06/19 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*68 - 130*		*06/06/19 18:04*	*1*
4-Bromofluorobenzene (Surr)	*106*		*76 - 123*		*06/06/19 18:04*	*1*
Toluene-d8 (Surr)	*105*		*77 - 120*		*06/06/19 18:04*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*06/06/19 18:04*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		06/07/19 08:42	06/08/19 20:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**418**		10.0	4.0	mg/L			06/12/19 08:33	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			06/12/19 10:24	1
pH	**7.3**	**HF**	0.1	0.1	SU			06/06/19 16:12	1
Temperature	**21.6**	**HF**	0.001	0.001	Degrees C			06/06/19 16:12	1

Client Sample ID: 5R

Lab Sample ID: 480-154500-3

Date Collected: 06/05/19 09:30

Matrix: Water

Date Received: 06/06/19 05:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**68**		5.0	0.39	ug/L			06/07/19 12:44	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/07/19 12:44	1
1,1-Dichloroethane	**4.5**	**J**	5.0	0.59	ug/L			06/07/19 12:44	1
1,1-Dichloroethylene	**18**		5.0	0.85	ug/L			06/07/19 12:44	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/07/19 12:44	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/07/19 12:44	1
1,4-Dioxane	ND		200	15	ug/L			06/07/19 12:44	1
Acetone	ND		25	2.0	ug/L			06/07/19 12:44	1
Benzene	ND		5.0	0.60	ug/L			06/07/19 12:44	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/07/19 12:44	1
Chloroform	ND		5.0	0.54	ug/L			06/07/19 12:44	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/07/19 12:44	1
Toluene	ND		5.0	0.45	ug/L			06/07/19 12:44	1
Trichloroethylene	**5.5**		5.0	0.60	ug/L			06/07/19 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*68 - 130*		*06/07/19 12:44*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 123*		*06/07/19 12:44*	*1*
Toluene-d8 (Surr)	*105*		*77 - 120*		*06/07/19 12:44*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*06/07/19 12:44*	*1*

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 480-154500-1

Client Sample ID: 5R

Lab Sample ID: 480-154500-3

Date Collected: 06/05/19 09:30

Matrix: Water

Date Received: 06/06/19 05:00

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		06/07/19 08:42	06/08/19 21:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**417**		10.0	4.0	mg/L			06/12/19 08:33	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			06/12/19 10:38	1
pH	**7.4**	**HF**	0.1	0.1	SU			06/06/19 16:16	1
Temperature	**21.9**	**HF**	0.001	0.001	Degrees C			06/06/19 16:16	1

Client Sample ID: Combined Influent

Lab Sample ID: 480-154500-4

Date Collected: 06/05/19 09:20

Matrix: Water

Date Received: 06/06/19 05:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**86**		5.0	0.39	ug/L			06/07/19 13:08	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/07/19 13:08	1
1,1-Dichloroethane	**19**		5.0	0.59	ug/L			06/07/19 13:08	1
1,1-Dichloroethylene	**18**		5.0	0.85	ug/L			06/07/19 13:08	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/07/19 13:08	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/07/19 13:08	1
1,4-Dioxane	ND		200	15	ug/L			06/07/19 13:08	1
Acetone	ND		25	2.0	ug/L			06/07/19 13:08	1
Benzene	ND		5.0	0.60	ug/L			06/07/19 13:08	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/07/19 13:08	1
Chloroform	ND		5.0	0.54	ug/L			06/07/19 13:08	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/07/19 13:08	1
Toluene	ND		5.0	0.45	ug/L			06/07/19 13:08	1
Trichloroethylene	**5.2**		5.0	0.60	ug/L			06/07/19 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*68 - 130*		*06/07/19 13:08*	*1*
4-Bromofluorobenzene (Surr)	*106*		*76 - 123*		*06/07/19 13:08*	*1*
Toluene-d8 (Surr)	*106*		*77 - 120*		*06/07/19 13:08*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*06/07/19 13:08*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		06/07/19 08:42	06/08/19 21:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**388**		10.0	4.0	mg/L			06/12/19 08:33	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			06/12/19 10:38	1
pH	**7.4**	**HF**	0.1	0.1	SU			06/06/19 16:19	1
Temperature	**21.8**	**HF**	0.001	0.001	Degrees C			06/06/19 16:19	1

Client Sample ID: Effluent

Lab Sample ID: 480-154500-5

Date Collected: 06/05/19 09:10

Matrix: Water

Date Received: 06/06/19 05:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.47**	**J**	5.0	0.39	ug/L			06/07/19 13:32	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/07/19 13:32	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/07/19 13:32	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			06/07/19 13:32	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/07/19 13:32	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/07/19 13:32	1
1,4-Dioxane	ND		200	15	ug/L			06/07/19 13:32	1
Acetone	ND		25	2.0	ug/L			06/07/19 13:32	1
Benzene	ND		5.0	0.60	ug/L			06/07/19 13:32	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/07/19 13:32	1
Chloroform	ND		5.0	0.54	ug/L			06/07/19 13:32	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/07/19 13:32	1
Toluene	ND		5.0	0.45	ug/L			06/07/19 13:32	1
Trichloroethylene	ND		5.0	0.60	ug/L			06/07/19 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*68 - 130*		*06/07/19 13:32*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 123*		*06/07/19 13:32*	*1*
Toluene-d8 (Surr)	*104*		*77 - 120*		*06/07/19 13:32*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*06/07/19 13:32*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		06/07/19 08:42	06/08/19 21:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**407**		10.0	4.0	mg/L			06/12/19 08:33	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			06/12/19 10:38	1
pH	**8.0**	**HF**	0.1	0.1	SU			06/06/19 16:22	1
Temperature	**21.5**	**HF**	0.001	0.001	Degrees C			06/06/19 16:22	1

Client Sample ID: Trip Blank

Lab Sample ID: 480-154500-6

Date Collected: 06/05/19 00:00

Matrix: Water

Date Received: 06/06/19 05:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			06/07/19 13:56	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/07/19 13:56	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/07/19 13:56	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			06/07/19 13:56	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/07/19 13:56	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/07/19 13:56	1
1,4-Dioxane	ND		200	15	ug/L			06/07/19 13:56	1
Acetone	ND		25	2.0	ug/L			06/07/19 13:56	1
Benzene	ND		5.0	0.60	ug/L			06/07/19 13:56	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/07/19 13:56	1
Chloroform	ND		5.0	0.54	ug/L			06/07/19 13:56	1

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 480-154500-1

Client Sample ID: Trip Blank
Date Collected: 06/05/19 00:00
Date Received: 06/06/19 05:00

Lab Sample ID: 480-154500-6
Matrix: Water

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.0	0.81	ug/L			06/07/19 13:56	1
Toluene	ND		5.0	0.45	ug/L			06/07/19 13:56	1
Trichloroethylene	ND		5.0	0.60	ug/L			06/07/19 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*68 - 130*		*06/07/19 13:56*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 123*		*06/07/19 13:56*	*1*
Toluene-d8 (Surr)	*105*		*77 - 120*		*06/07/19 13:56*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*06/07/19 13:56*	*1*

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-154500-1
Project/Site: Mohonk Rd. #356023

Client Sample ID: 7R
Lab Sample ID: 480-154500-1
Date Collected: 06/05/19 09:50
Matrix: Water
Date Received: 06/06/19 05:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	476430	06/06/19 17:40	S1V	TAL BUF
Total/NA	Prep	200.7			476576	06/07/19 08:42	EMB	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	477020	06/08/19 20:55	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	477353	06/12/19 08:33	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	477387	06/12/19 10:24	RAF	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	476594	06/06/19 16:06	KMF	TAL BUF

Client Sample ID: ERT-1
Lab Sample ID: 480-154500-2
Date Collected: 06/05/19 09:40
Matrix: Water
Date Received: 06/06/19 05:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	476430	06/06/19 18:04	S1V	TAL BUF
Total/NA	Prep	200.7			476576	06/07/19 08:42	EMB	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	477020	06/08/19 20:58	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	477353	06/12/19 08:33	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	477387	06/12/19 10:24	RAF	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	476594	06/06/19 16:12	KMF	TAL BUF

Client Sample ID: 5R
Lab Sample ID: 480-154500-3
Date Collected: 06/05/19 09:30
Matrix: Water
Date Received: 06/06/19 05:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	476642	06/07/19 12:44	S1V	TAL BUF
Total/NA	Prep	200.7			476576	06/07/19 08:42	EMB	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	477020	06/08/19 21:02	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	477353	06/12/19 08:33	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	477394	06/12/19 10:38	RAF	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	476594	06/06/19 16:16	KMF	TAL BUF

Client Sample ID: Combined Influent
Lab Sample ID: 480-154500-4
Date Collected: 06/05/19 09:20
Matrix: Water
Date Received: 06/06/19 05:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	476642	06/07/19 13:08	S1V	TAL BUF
Total/NA	Prep	200.7			476576	06/07/19 08:42	EMB	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	477020	06/08/19 21:06	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	477353	06/12/19 08:33	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	477394	06/12/19 10:38	RAF	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	476594	06/06/19 16:19	KMF	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-154500-1
Project/Site: Mohonk Rd. #356023

Client Sample ID: Effluent
Lab Sample ID: 480-154500-5

Date Collected: 06/05/19 09:10
Matrix: Water
Date Received: 06/06/19 05:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	476642	06/07/19 13:32	S1V	TAL BUF
Total/NA	Prep	200.7			476576	06/07/19 08:42	EMB	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	477020	06/08/19 21:10	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	477353	06/12/19 08:33	RAF	TAL BUF
Total/NA	Analysis	SM 2540D		1	477394	06/12/19 10:38	RAF	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	476594	06/06/19 16:22	KMF	TAL BUF

Client Sample ID: Trip Blank
Lab Sample ID: 480-154500-6

Date Collected: 06/05/19 00:00
Matrix: Water
Date Received: 06/06/19 05:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	476642	06/07/19 13:56	S1V	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: New York State D.E.C.
Job ID: 480-154500-1
Project/Site: Mohonk Rd. #356023

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	pH
SM 4500 H+ B		Water	Temperature

Method Summary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 480-154500-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF
200.7	Preparation, Total Metals	EPA	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: New York State D.E.C.
Project/Site: Mohonk Rd. #356023

Job ID: 480-154500-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-154500-1	7R	Water	06/05/19 09:50	06/06/19 05:00	
480-154500-2	ERT-1	Water	06/05/19 09:40	06/06/19 05:00	
480-154500-3	5R	Water	06/05/19 09:30	06/06/19 05:00	
480-154500-4	Combined Influent	Water	06/05/19 09:20	06/06/19 05:00	
480-154500-5	Effluent	Water	06/05/19 09:10	06/06/19 05:00	
480-154500-6	Trip Blank	Water	06/05/19 00:00	06/06/19 05:00	

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-154500-1

Login Number: 154500

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Velickovic, Zoran

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Aztech
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Albany #224

eurofins | Environment Testing TestAmerica

Client Information	Sampler: CARL ALDRICH	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-123828-15807.1
Client Contact: Andrew Talbot	Phone: 518 470 3052	E-Mail: judy.stone@testamericainc.com		Page: Page 1 of 1
Company: Aztech Technologies Inc				Job #:

Address: 5 McCrea Hill Road	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Ballston Spa	TAT Requested (days): STANDARD		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: NY, 12020			
Phone:	PO #: CallOut 136396		Other:
Email: atalbot@aztechenv.com	WO #:		
Project Name: Mohonk Rd. #356023	Project #: 48005267		
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.7 - Iron	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	SM4500_H+ - pH	624.1_PREC - (MOD) Priority Pollutant List - VOA - 62	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	N	N	A		
7R	6-5-19	950	G	Water									
ERT-1	6-5-19	940	G	Water									
5R	6-5-19	930	G	Water			X	X	X	X	X		
Combined Influent	6-5-19	920	G	Water			X	X	X	X	X		
Effluent	6-5-19	910	G	Water			X	X	X	X	X		

480-154500 Chain of Custody

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	6-5-19 1738	AZTECH		6-5-19 1438	ETA
Relinquished by: Tim Knollmyer	Date/Time: 6-5-19 1800	Company ETA	Received by:	Date/Time: 06/06/19 0900	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.0 #1

Ver: 01/16/2019