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

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

December 31, 2018

Re: First and Second Quarter, 2018 O&M Status Report at 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 2018.

January 2, 2018

Aztech personnel mobilized to the site to perform maintenance and collect routine system samples. The system was running upon arrival. Technicians noted that the sample ports for wells ERT-1, 5R, and 7R were frozen and required thawing in order to sample the system. In response, additional weather stripping was installed on the door adjacent to the sampling ports in an effort to better insulate the unheated portion of the remediation building. 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. 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. The analytical results of the system samples are summarized in the table below.

Analytical Results – January 2, 2018
Concentrations in µg/L

Sample	1,1-DCA	1,1-DCE	1,1,1-TCA	TCE
7R	13	9.1	29	1.2
ERT-1	8.7	20	38	5.9
5R	2.5	9.5	25	4.6
Combined Influent	8.3	14	32	3.9
Effluent	ND	ND	ND	ND
Notes:	ND = Non-Detect			

January 15, 2018

Aztech personnel mobilized to the site to perform maintenance and record system readings. The system was running upon arrival. It was discovered that the pressure transducer for the air stripper was reporting erroneous data and that a new pressure transducer would need to be installed during the next O&M mobilization. Technicians noted a strong mouse urine odor in a large bag of legacy sampling bottles. In response the bottles were disposed of in an offsite recycling bin. The system was shut down to exercise valves and clean the flow meters. The system was subsequently restarted and was running upon departure from the site.

February 9, 2018

Aztech personnel mobilized to the site to perform maintenance and collect routine system samples. The system was running upon arrival. A new pressure transducer for the air stripper was installed and tested. Leftover purge water from the previous far-field plume sampling event was pumped into the influent batch tank for treatment via the air stripper. Several nearly-empty drums of Redux 390 were consolidated into a single drum for future use. 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. After collecting the samples the system was shut down to exercise the flow valves and clean the flow meters. The new air stripper pressure transducer was installed and tested. The system was subsequently restarted and was running upon departure from the site. The analytical results of the system samples are summarized in the table below.

Analytical Results – February 9, 2018
Concentrations in µg/L

Sample	1,1-DCA	1,1-DCE	1,1,1-TCA	TCE
7R	15	9.9	40	1.3
ERT-1	8.4	18	42	5.1
5R	2.5	9.9	31	4.4
Combined Influent	8.9	13	38	3.6
Effluent	ND	ND	ND	ND
Notes:	ND = Non-Detect			

February 23, 2018

Aztech personnel mobilized to the site to perform maintenance and record system readings. The system was running upon arrival. During this mobilization four drums of Redux 390 were received and stored in the chemical room for future use. 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 9, 2018

Aztech personnel mobilized to the site to perform maintenance and collect routine system samples. The system was down upon arrival. The breakers for the transfer and discharge pumps were reset and the system restarted.

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. Additional samples outside of the monthly

sampling scope were requested by NYSDEC to be collected and analyzed via method 624 in an effort to help identify the source of frequent detections of acetone (with a "J" qualifier and below the SPDES-equivalent requirements for discharge water) in the monthly effluent samples. A total of three sampling locations were chosen for this test. Samples were collected directly from the influent batch treatment tank, directly downstream of the bag filter housings, and directly from the effluent pump drain port. The routine effluent sample reported 3.3(J) ug/L of acetone, but all of the additional samples reported "ND" for acetone. Further testing may be required to determine the source of acetone in the effluent.

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. The analytical results of the system samples are summarized in the table below.

Analytical Results – March 9, 2018
Concentrations in µg/L

Sample	1,1-DCA	1,1-DCE	1,1,1-TCA	TCE
7R	15	8.7	41	1.3
ERT-1	25	42	190	12
5R	1.6	7.6	45	2.9
Combined Influent	15	20	92	6.0
Effluent	ND	ND	0.4	ND
Notes:	ND = Non-Detect			

March 22, 2018

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 2, 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. 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. The analytical results of the system samples are summarized in the table below.

Analytical Results – April 2, 2018
Concentrations in µg/L

Sample	1,1-DCA	1,1-DCE	1,1,1-TCA	TCE
7R	23	10	62	1.8
ERT-1	10	21	60	6.6
5R	2.7	11	36	4.2
Combined Influent	12	15	56	4.5
Effluent	ND	ND	ND	ND
Notes:	ND = Non-Detect			

April 16, 2018

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.

May 3, 2018

Aztech personnel mobilized to the site to perform maintenance and collect routine system samples. The system was running upon arrival. The chemical metering pump was cleaned, tested, and ultimately restarted. 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. 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. The analytical results of the system samples are summarized in the table below.

Analytical Results – May 3, 2018
Concentrations in µg/L

Sample	1,1-DCA	1,1-DCE	1,1,1-TCA	TCE
7R	24	11	68	2
ERT-1	11	25	78	7.7
5R	1.9	8.3	32	3.3
Combined Influent	12	15	61	4.5
Effluent	ND	ND	ND	ND
Notes:	ND = Non-Detect			

May 16, 2018

Aztech personnel mobilized to the site to perform maintenance and record system readings. The system was running upon arrival. During this mobilization, five drums of Redux 390 were received and stored in the chemical room for future use. 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.

June 8, 2018

Aztech personnel mobilized to the site to perform maintenance and collect routine system samples. The system was running upon arrival. Routine grounds maintenance was conducted. 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. 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. The analytical results of the system samples are summarized in the table on the following page.

Analytical Results – June 8, 2018 Concentrations in µg/L				
Sample	**1,1-DCA**	**1,1-DCE**	**1,1,1-TCA**	**TCE**
7R	27	11	70	1.3
ERT-1	11	23	71	7.1
5R	1.8	6.7	19	3.7
Combined Influent	13	13	51	4.0
Effluent	ND	ND	ND	ND
Notes:	ND = Non-Detect			

June 21, 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:

- Scaling: In September 2017, a chemical injection system to administer the hardness sequestering agent Redux 390 was incorporated into the treatment system. The injection system was constructed by reutilizing legacy chemical metering equipment. The metering pump was calibrated to the chemical manufacturer's recommended dosage of 75ppm of Redux 390 for an influent flow rate of 27gpm. The manufacturer's recommended injection rate for chemical additives is often higher than necessary. However, Redux 390 will also help descale legacy piping where existing scaling is present. For this reason, Aztech recommends running the system at the recommended dosage for a period of at least 1 year. Following the minimum 1 year period, Aztech recommends slowly adjusting the dosage to more efficiently meet the needs of the system as to minimize chemical consumption and overall cost of operation.
    - Redux Metering Pump: Before the ideal dosage rate can be determined, the accuracy of the metering pump dosage settings will need to be investigated further. During the Quarter 1 & 2 reporting period, approximately six (6) 55-gallon drums of Redux were consumed. This is an average of approximately 1 drum per month, which is greater than the estimated rate of 1 drum per 1.5 months. The chemical metering pump in service is a legacy unit from the sulfuric acid injection system previously utilized at the site. Aztech recommends that a dosage metering calibration system, consisting of several ball valves, tubing, a graduated cylinder and a stopwatch be installed. This will allow the metering pump to be tested periodically by technicians in order to determine whether or not the dosage delivered to the treatment system is consistent with the metering pump settings. Once this determination is made, the proper dosage required to eliminate further scaling within treatment system components can be determined over time. If tests show that the metering pump is delivering inconsistent doses to the treatment system, Aztech recommends that the metering pump be replaced with a new unit.

- 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.

- 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: 12/18 **Personnel Onsite Initials:** CA LC

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	8.3	6917654
(W7RFLO)	8	5206557
(W5RFLO)	7.70	3998668

Input Name	*Water Level (Procontrol)*
W5RLVL	5984
W7RLVL	6116
ER1LVL	5661

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	4.1
Air Stripper (AS_PRS)	61.2
Discharge Pump (DSCPRS)	24.2

Location	*Temp (Procontrol)*
Room (RM_TMP)	57
Air Stripper (AS_TMP)	60
Discharge Pump (H2OTMP)	50

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	NJ

Location	*pH*
Effluent (EFF_PH)	7.8
Effluent (Measured)	7.5

Redux remaining (in. from bottom)	28"

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: Sample System Sample ports frozen. Have to thaw out to Sample. But weather stripping on Bottom of Door next to wells. (Chemical pump working)

Mohonk Road - Groundwater Remediation System Checklist

Date: 1/15/18 **Personnel Onsite Initials:** CA LC

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	8.5	7145244
(W7RFLO)	8.3	3562571
(W5RFLO)	8.1	4126178

Input Name	*Water Level (Procontrol)*
W5RLVL	87.12
W7RLVL	89.69
ER1LVL	84.74

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	4.3
Air Stripper (AS_PRS)	80.19
Discharge Pump (DSCPRS)	23

Location	*Temp (Procontrol)*
Room (RM_TMP)	50
Air Stripper (AS_TMP)	60
Discharge Pump (H2OTMP)	57

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
Effluent (Measured)	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: CHANGED DRUMS OF REDOX, CHECK SYSTEM, A/S PRESS. & READING 80 ON EOS BAT IS 35 WITH MIN. TOM AT HMO HE IS GETTING ANEW SUB-SOIL, DRIVE BACK 5 GAL BOTTLES FOR RECYCLING.

Mohonk Road - Groundwater Remediation System Checklist

Date: 2/9/18 **Personnel Onsite Initials:** CA LG

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	9.0	7464529
(W7RFLO)	5.8	8660660
(W5RFLO)	5.7	4432782

Input Name	*Water Level (Procontrol)*
W5RLVL	81.29
W7RLVL	83.8
ER1LVL	75.72

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	4.2
Air Stripper (AS_PRS)	32.9
Discharge Pump (DSCPRS)	23

Location	*Temp (Procontrol)*
Room (RM_TMP)	58
Air Stripper (AS_TMP)	62
Discharge Pump (H2OTMP)	47

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
Effluent (Measured)	8

Redux remaining (in. from bottom)	1/2

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: CHANGED PRESS. SENSOR ON AS. REMOVED 6 GAL NOW SAMPLING SYSTEM. TRANSFERED ALL CHEM. INTO ONE BARREL. RINSED BOTTLES OUT. CHECKED ALL FANS (5 EA) ON BUILDING & IN FRONT. ALL (7) SEVEN FANS ARE RUNNING. TRASH AND (1 LG) PALLETS NEED TO BE REMOVED ON NEXT VISIT. TRANSFERED ALL SAMPLING WATER IN BOTTLES INTO SYSTEM.

Mohonk Road - Groundwater Remediation System Checklist

Date: 2 23 18 **Personnel Onsite Initials:** CH MD

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	9.5	7650766
(W7RFLO)	9.3	8841602
(W5RFLO)	9.5	4614200

Input Name	*Water Level (Procontrol)*
W5RLVL	75.25
W7RLVL	78.96
ER1LVL	72.75

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	4
Air Stripper (AS_PRS)	32.3
Discharge Pump (DSCPRS)	23.9

Location	*Temp (Procontrol)*
Room (RM_TMP)	59.3
Air Stripper (AS_TMP)	70.6
Discharge Pump (H2OTMP)	57

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)	8.3
Effluent (Measured)	7.9

Redux remaining (in. from bottom)	1"

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: CHECKED SYSTEM. RECEIVE CHEMICAL SHIPMENT.

Mohonk Road - Groundwater Remediation System Checklist

Date: 3/9/18 **Personnel Onsite Initials:** LG. J.S.

Input Name	Flow Rates (On Meter)	Totalizer (Procontrol)
(ER1FLO)	11.35	7780452
(W7RFLO)	11.30	6966943
(W5RFLO)	11.69	4742192

Input Name	Water Level (Procontrol)
W5RLVL	52.33
W7RLVL	53.53
ER1LVL	48.52

Location/ Input name	Pressure (Procontrol)
Transfer Pump (PREBAG)	4.2
Air Stripper (AS_PRS)	31.04
Discharge Pump (DSCPRS)	24.2

Location	Temp (Procontrol)
Room (RM_TMP)	62.1
Air Stripper (AS_TMP)	74.5
Discharge Pump (H2OTMP)	48.8

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)	7.79
Effluent (Measured)	7.5

Redux remaining (in. from bottom)	22"

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: Syst Down on arrival Reset Breaker for Transfer + Discpump Started Syst. Sample Syst

Mohonk Road - Groundwater Remediation System Checklist

Date: 3/22 **Personnel Onsite Initials:** AM/JS

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	9.0	8.972344
(W7RFLO)	9.1	9.156777
(W5RFLO)	8.9	8.936744

Input Name	*Water Level (Procontrol)*
W5RLVL	-67.30
W7RLVL	-70.75
ER1LVL	-63.0

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	4.2
Air Stripper (AS_PRS)	31.53
Discharge Pump (DSCPRS)	24.5

Location	*Temp (Procontrol)*
Room (RM_TMP)	56.7
Air Stripper (AS_TMP)	72.8
Discharge Pump (H2OTMP)	50.0

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)	8.15
Effluent (Measured)	7.5

Redux remaining (in. from bottom)	11/3

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: on arrival all 3 wells Running @ 10 GPM cleaned flow meters & well @ 9 GPM. water in influent tank was up to 1400 GAL. ~~Slowly~~ Slowly going Down.

(3 full Drums of Redux Left.)

Mohonk Road - Groundwater Remediation System Checklist

Date: 1/12 **Personnel Onsite Initials:** LH-JS

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	8.9	8113911
(W7RFLO)	8.8	9299571
(W5RFLO)	9.0	5078277

Input Name	*Water Level (Procontrol)*
W5RLVL	70.06
W7RLVL	73.06
ER1LVL	65.54

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	3.9
Air Stripper (AS_PRS)	32.20
Discharge Pump (DSCPRS)	24

Location	*Temp (Procontrol)*
Room (RM_TMP)	59.2
Air Stripper (AS_TMP)	66.3
Discharge Pump (H2OTMP)	49.9

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)	8.2
Effluent (Measured)	7.5

Redux remaining (in. from bottom)	3 Drums

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 Running on arrival Redux drum Empty
Hook up new one, primed pump, Sampled System
Bump flow meters 1 Bag of trash Back to the Shop

Mohonk Road - Groundwater Remediation System Checklist

Date: 4/16 **Personnel Onsite Initials:** LG/JS

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	9.0	9.0
(W7RFLO)	8.90	8.8
(W5RFLO)	9.0	9.0

Input Name	*Water Level (Procontrol)*
W5RLVL	69.66
W7RLVL	72.80
ER1LVL	65.59

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	4.0
Air Stripper (AS_PRS)	31.53
Discharge Pump (DSCPRS)	4.0

Location	*Temp (Procontrol)*
Room (RM_TMP)	66°
Air Stripper (AS_TMP)	69.9
Discharge Pump (H2OTMP)	52.6°

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)	8.27
Effluent (Measured)	8.0

Redux remaining (in. from bottom)	2 & 1/2 Drums

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 on arrival
take Readings
Brush flowmeters
turn System back on

Mohonk Road - Groundwater Remediation System Checklist

Date: 5 3 18 **Personnel Onsite Initials:** CAJM

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	9.2	8514100
(W7RFLO)	9.2	9693481
(W5RFLO)	9.6	5481576

Input Name	*Water Level (Procontrol)*
W5RLVL	64.6
W7RLVL	67.8
ER1LVL	60.9

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	4.1
Air Stripper (AS_PRS)	29.6
Discharge Pump (DSCPRS)	23.9

Location	*Temp (Procontrol)*
Room (RM_TMP)	70
Air Stripper (AS_TMP)	97.6
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)	8.16
Effluent (Measured)	7.9

Redux remaining (in. from bottom)	

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: DID FLOW TEST ON CHEM PUMP AFTER CLEANING ALL CHECK VALVES, SAMPLE SYSTEM & CHEM PUMP IS PUMPING 1/2 L PER HOUR

Mohonk Road - Groundwater Remediation System Checklist

Date: 5/16/18 **Personnel Onsite Initials:** CA LG

Input Name	Flow Rates (On Meter)	Totalizer (Procontrol)
(ER1FLO)	9.3	9.3
(W7RFLO)	9.2	9.2
(W5RFLO)	9.5	9.4

Input Name	Water Level (Procontrol)
W5RLVL	65.09
W7RLVL	68.15
ER1LVL	61.29

Location/ Input name	Pressure (Procontrol)
Transfer Pump (PREBAG)	3.7
Air Stripper (AS_PRS)	30.71
Discharge Pump (DSCPRS)	24

Location	Temp (Procontrol)
Room (RM_TMP)	62.5
Air Stripper (AS_TMP)	80.9
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)	6.1
Effluent (Measured)	7.7

Redux remaining (in. from bottom)	TRANSFERRED FROM OLD BARREL 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: TRANSFERRED REDUX FROM OLD BARREL AND REFILLED BARREL THAT WAS IN USE. RINSE BARREL AND BRING BACK TO SHOP

Mohonk Road - Groundwater Remediation System Checklist

Date: 6/8/16 **Personnel Onsite Initials:** MO

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	9.0	89412894
(W7RFLO)	9.1	10117939
(W5RFLO)	9.2	5916307

Input Name	*Water Level (Procontrol)*
W5RLVL	-67.50
W7RLVL	-68.66
ER1LVL	-63.05

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	3.8
Air Stripper (AS_PRS)	29.03
Discharge Pump (DSCPRS)	24.7

Location	*Temp (Procontrol)*
Room (RM_TMP)	64.0
Air Stripper (AS_TMP)	86.0
Discharge Pump (H2OTMP)	50.7

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)	7.82
Effluent (Measured)	—

Redux remaining (in. from bottom)	Brand 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 on arrival
- collect system readings and samples
- clean flow meters
- replace Redux with a new drum
- clean up office
- weed whack

Mohonk Road - Groundwater Remediation System Checklist

Date: 6/21/18 **Personnel Onsite Initials:** AT + KA

Input Name	*Flow Rates (On Meter)*	*Totalizer (Procontrol)*
(ER1FLO)	8.2	9101996
(W7RFLO)	8.2	10275699
(W5RFLO)	8.1	6075280

Input Name	*Water Level (Procontrol)*
W5RLVL	-79.55
W7RLVL	-79.80
ER1LVL	-74.47

Location/ Input name	*Pressure (Procontrol)*
Transfer Pump (PREBAG)	3.8
Air Stripper (AS_PRS)	27.66
Discharge Pump (DSCPRS)	24.3

Location	*Temp (Procontrol)*
Room (RM_TMP)	68.3
Air Stripper (AS_TMP)	91.9
Discharge Pump (H2OTMP)	52.4

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)	7.92
Effluent (Measured)	—

Redux remaining (in. from bottom)	14 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 on arrival. Perform routine system maintenance. Slight bio buildup on stripper glass, calcium and iron present as well. Weed whacked. Swept floors. Removed garbage. By next visit there will be (2) Redux drums for disposal. OK on supplies. System running on departure.

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: 480-129652-1
Client Project/Site: Mohonk Rd. #356023

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, New York 12233-7017

Attn: Carl Hoffman

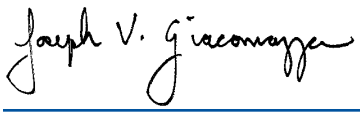
Joseph V. Giacomazza

Authorized for release by:
1/16/2018 11:00:41 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
1/16/2018 11:00:41 AM

Table of Contents

Definitions/Glossary

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

TestAmerica Job ID: 480-129652-1

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
B	Compound was found in the blank and sample.
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: 480-129652-1

Job ID: 480-129652-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-129652-1

Comments
No additional comments.

Receipt
The samples were received on 1/4/2018 10:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.4° 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 (480-129652-1), ERT-1 (480-129652-2), 5R (480-129652-3), COMBINED INFLUENT (480-129652-4) and EFFLUENT (480-129652-5).

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

Client Sample Results

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

TestAmerica Job ID: 480-129652-1

Client Sample ID: 7R

Date Collected: 01/02/18 10:00
Date Received: 01/04/18 10:05

Lab Sample ID: 480-129652-1

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			01/04/18 17:29	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/04/18 17:29	1
Chloroform	ND		5.0	0.54	ug/L			01/04/18 17:29	1
1,1-Dichloroethane	**13**		5.0	0.59	ug/L			01/04/18 17:29	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/04/18 17:29	1
1,1-Dichloroethylene	**9.1**		5.0	0.85	ug/L			01/04/18 17:29	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/04/18 17:29	1
Toluene	ND		5.0	0.45	ug/L			01/04/18 17:29	1
1,1,1-Trichloroethane	**29**		5.0	0.39	ug/L			01/04/18 17:29	1
1,4-Dioxane	ND		200	15	ug/L			01/04/18 17:29	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/04/18 17:29	1
Trichloroethylene	**1.2**	**J**	5.0	0.60	ug/L			01/04/18 17:29	1
Acetone	ND		25	2.0	ug/L			01/04/18 17:29	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/04/18 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*68 - 130*		*01/04/18 17:29*	*1*
4-Bromofluorobenzene (Surr)	*92*		*76 - 123*		*01/04/18 17:29*	*1*
Toluene-d8 (Surr)	*88*		*77 - 120*		*01/04/18 17:29*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*01/04/18 17:29*	*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		01/05/18 08:42	01/05/18 18:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**374**	**B**	10.0	4.0	mg/L			01/04/18 13:50	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/04/18 13:41	1
pH	**7.3**	**HF**	0.1	0.1	SU			01/05/18 11:45	1
Temperature	**22.7**	**HF**	0.001	0.001	Degrees C			01/05/18 11:45	1

Client Sample Results

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

TestAmerica Job ID: 480-129652-1

Client Sample ID: ERT-1
Date Collected: 01/02/18 10:15
Date Received: 01/04/18 10:05

Lab Sample ID: 480-129652-2
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			01/04/18 17:53	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/04/18 17:53	1
Chloroform	ND		5.0	0.54	ug/L			01/04/18 17:53	1
1,1-Dichloroethane	**8.7**		5.0	0.59	ug/L			01/04/18 17:53	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/04/18 17:53	1
1,1-Dichloroethylene	**20**		5.0	0.85	ug/L			01/04/18 17:53	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/04/18 17:53	1
Toluene	ND		5.0	0.45	ug/L			01/04/18 17:53	1
1,1,1-Trichloroethane	**38**		5.0	0.39	ug/L			01/04/18 17:53	1
1,4-Dioxane	ND		200	15	ug/L			01/04/18 17:53	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/04/18 17:53	1
Trichloroethylene	**5.9**		5.0	0.60	ug/L			01/04/18 17:53	1
Acetone	ND		25	2.0	ug/L			01/04/18 17:53	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/04/18 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*68 - 130*		*01/04/18 17:53*	*1*
4-Bromofluorobenzene (Surr)	*89*		*76 - 123*		*01/04/18 17:53*	*1*
Toluene-d8 (Surr)	*86*		*77 - 120*		*01/04/18 17:53*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*01/04/18 17:53*	*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		01/05/18 08:42	01/05/18 18:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**326**	**B**	10.0	4.0	mg/L			01/04/18 13:50	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/04/18 13:41	1
pH	**7.3**	**HF**	0.1	0.1	SU			01/05/18 11:48	1
Temperature	**22.7**	**HF**	0.001	0.001	Degrees C			01/05/18 11:48	1

Client Sample Results

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

TestAmerica Job ID: 480-129652-1

Client Sample ID: 5R

Date Collected: 01/02/18 10:25
Date Received: 01/04/18 10:05

Lab Sample ID: 480-129652-3

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			01/04/18 18:17	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/04/18 18:17	1
Chloroform	ND		5.0	0.54	ug/L			01/04/18 18:17	1
1,1-Dichloroethane	**2.5**	**J**	5.0	0.59	ug/L			01/04/18 18:17	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/04/18 18:17	1
1,1-Dichloroethylene	**9.5**		5.0	0.85	ug/L			01/04/18 18:17	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/04/18 18:17	1
Toluene	ND		5.0	0.45	ug/L			01/04/18 18:17	1
1,1,1-Trichloroethane	**25**		5.0	0.39	ug/L			01/04/18 18:17	1
1,4-Dioxane	ND		200	15	ug/L			01/04/18 18:17	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/04/18 18:17	1
Trichloroethylene	**4.6**	**J**	5.0	0.60	ug/L			01/04/18 18:17	1
Acetone	ND		25	2.0	ug/L			01/04/18 18:17	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/04/18 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*68 - 130*		*01/04/18 18:17*	*1*
4-Bromofluorobenzene (Surr)	*92*		*76 - 123*		*01/04/18 18:17*	*1*
Toluene-d8 (Surr)	*89*		*77 - 120*		*01/04/18 18:17*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*01/04/18 18:17*	*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		01/05/18 08:42	01/05/18 18:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**412**	**B**	10.0	4.0	mg/L			01/04/18 13:50	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/04/18 13:41	1
pH	**7.4**	**HF**	0.1	0.1	SU			01/05/18 11:51	1
Temperature	**22.8**	**HF**	0.001	0.001	Degrees C			01/05/18 11:51	1

Client Sample Results

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

TestAmerica Job ID: 480-129652-1

Client Sample ID: COMBINED INFLUENT

Lab Sample ID: 480-129652-4

Date Collected: 01/02/18 10:30

Matrix: Water

Date Received: 01/04/18 10:05

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			01/04/18 18:41	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/04/18 18:41	1
Chloroform	ND		5.0	0.54	ug/L			01/04/18 18:41	1
1,1-Dichloroethane	**8.3**		5.0	0.59	ug/L			01/04/18 18:41	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/04/18 18:41	1
1,1-Dichloroethylene	**14**		5.0	0.85	ug/L			01/04/18 18:41	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/04/18 18:41	1
Toluene	ND		5.0	0.45	ug/L			01/04/18 18:41	1
1,1,1-Trichloroethane	**32**		5.0	0.39	ug/L			01/04/18 18:41	1
1,4-Dioxane	ND		200	15	ug/L			01/04/18 18:41	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/04/18 18:41	1
Trichloroethylene	**3.9**	**J**	5.0	0.60	ug/L			01/04/18 18:41	1
Acetone	ND		25	2.0	ug/L			01/04/18 18:41	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/04/18 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*68 - 130*		*01/04/18 18:41*	*1*
4-Bromofluorobenzene (Surr)	*92*		*76 - 123*		*01/04/18 18:41*	*1*
Toluene-d8 (Surr)	*89*		*77 - 120*		*01/04/18 18:41*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*01/04/18 18:41*	*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		01/05/18 08:42	01/05/18 18:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**381**	**B**	10.0	4.0	mg/L			01/04/18 13:50	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/04/18 13:41	1
pH	**7.3**	**HF**	0.1	0.1	SU			01/05/18 11:53	1
Temperature	**22.8**	**HF**	0.001	0.001	Degrees C			01/05/18 11:53	1

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

TestAmerica Job ID: 480-129652-1

Client Sample ID: EFFLUENT

Date Collected: 01/02/18 10:45
Date Received: 01/04/18 10:05

Lab Sample ID: 480-129652-5

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			01/04/18 19:05	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			01/04/18 19:05	1
Chloroform	ND		5.0	0.54	ug/L			01/04/18 19:05	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			01/04/18 19:05	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			01/04/18 19:05	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			01/04/18 19:05	1
Methylene Chloride	ND		5.0	0.81	ug/L			01/04/18 19:05	1
Toluene	ND		5.0	0.45	ug/L			01/04/18 19:05	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			01/04/18 19:05	1
1,4-Dioxane	ND		200	15	ug/L			01/04/18 19:05	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			01/04/18 19:05	1
Trichloroethylene	ND		5.0	0.60	ug/L			01/04/18 19:05	1
Acetone	ND		25	2.0	ug/L			01/04/18 19:05	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			01/04/18 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*68 - 130*		*01/04/18 19:05*	*1*
4-Bromofluorobenzene (Surr)	*91*		*76 - 123*		*01/04/18 19:05*	*1*
Toluene-d8 (Surr)	*88*		*77 - 120*		*01/04/18 19:05*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*01/04/18 19:05*	*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		01/05/18 08:42	01/05/18 18:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**397**	**B**	10.0	4.0	mg/L			01/04/18 13:50	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/04/18 13:41	1
pH	**8.3**	**HF**	0.1	0.1	SU			01/05/18 11:56	1
Temperature	**22.9**	**HF**	0.001	0.001	Degrees C			01/05/18 11:56	1

Lab Chronicle

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

TestAmerica Job ID: 480-129652-1

Client Sample ID: 7R
Lab Sample ID: 480-129652-1
Date Collected: 01/02/18 10:00
Matrix: Water
Date Received: 01/04/18 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394512	01/04/18 17:29	RJF	TAL BUF
Total/NA	Prep	200.7			394590	01/05/18 08:42	EMB	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	394822	01/05/18 18:27	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	394539	01/04/18 13:50	EKB	TAL BUF
Total/NA	Analysis	SM 2540D		1	394537	01/04/18 13:41	EKB	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	394673	01/05/18 11:45	ALZ	TAL BUF

Client Sample ID: ERT-1
Lab Sample ID: 480-129652-2
Date Collected: 01/02/18 10:15
Matrix: Water
Date Received: 01/04/18 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394512	01/04/18 17:53	RJF	TAL BUF
Total/NA	Prep	200.7			394590	01/05/18 08:42	EMB	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	394822	01/05/18 18:30	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	394539	01/04/18 13:50	EKB	TAL BUF
Total/NA	Analysis	SM 2540D		1	394537	01/04/18 13:41	EKB	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	394673	01/05/18 11:48	ALZ	TAL BUF

Client Sample ID: 5R
Lab Sample ID: 480-129652-3
Date Collected: 01/02/18 10:25
Matrix: Water
Date Received: 01/04/18 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394512	01/04/18 18:17	RJF	TAL BUF
Total/NA	Prep	200.7			394590	01/05/18 08:42	EMB	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	394822	01/05/18 18:34	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	394539	01/04/18 13:50	EKB	TAL BUF
Total/NA	Analysis	SM 2540D		1	394537	01/04/18 13:41	EKB	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	394673	01/05/18 11:51	ALZ	TAL BUF

Client Sample ID: COMBINED INFLUENT
Lab Sample ID: 480-129652-4
Date Collected: 01/02/18 10:30
Matrix: Water
Date Received: 01/04/18 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394512	01/04/18 18:41	RJF	TAL BUF
Total/NA	Prep	200.7			394590	01/05/18 08:42	EMB	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	394822	01/05/18 18:38	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	394539	01/04/18 13:50	EKB	TAL BUF
Total/NA	Analysis	SM 2540D		1	394537	01/04/18 13:41	EKB	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-129652-1

Client Sample ID: COMBINED INFLUENT

Lab Sample ID: 480-129652-4

Date Collected: 01/02/18 10:30

Matrix: Water

Date Received: 01/04/18 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 H+ B		1	394673	01/05/18 11:53	ALZ	TAL BUF

Client Sample ID: EFFLUENT

Lab Sample ID: 480-129652-5

Date Collected: 01/02/18 10:45

Matrix: Water

Date Received: 01/04/18 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	394512	01/04/18 19:05	RJF	TAL BUF
Total/NA	Prep	200.7			394590	01/05/18 08:42	EMB	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	394822	01/05/18 18:41	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	394539	01/04/18 13:50	EKB	TAL BUF
Total/NA	Analysis	SM 2540D		1	394537	01/04/18 13:41	EKB	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	394673	01/05/18 11:56	ALZ	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: 480-129652-1

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	03-31-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
624		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: 480-129652-1

Method	Method Description	Protocol	Laboratory
624	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

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: 480-129652-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-129652-1	7R	Water	01/02/18 10:00	01/04/18 10:05
480-129652-2	ERT-1	Water	01/02/18 10:15	01/04/18 10:05
480-129652-3	5R	Water	01/02/18 10:25	01/04/18 10:05
480-129652-4	COMBINED INFLUENT	Water	01/02/18 10:30	01/04/18 10:05
480-129652-5	EFFLUENT	Water	01/02/18 10:45	01/04/18 10:05

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

480501-Albany

Chain of Custody Record

TestAm
THE LEADER IN ENVIRO

480-129652 COC

Client Information	Sampler:	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-103109-15807.
Client Contact: Joe Sabanos	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: 518-402-9813(Tel)	PO #: CallOut 121912			
Email: jsabanos@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	624_5ml - (MOD) Priority Pollutant List - VOA - 62	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	SM4500_H+ - pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N	N	N		
7R	1/2	1000	G	Water	N	N						7	
ERT-1	1/2	1015		Water								7	
5R	1/2	1025		Water								7	
Combined Influent	1/2	1030		Water								7	
Effluent	1/2	1045		Water								7	
KR	1-3-18												

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	L Hilmes	1/2 3:00	AZTECK	Karl Zadn	1-3-18 0710	TA
2	Karl Zadn	1-3-18 1500	TA	Lwallace	1/4/18 1005	TAB
3	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 1.4

Ver: 08/04/2016

1/16/2018

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-129652-1

Login Number: 129652
List Number: 1
Creator: Williams, Christopher S

List Source: TestAmerica Buffalo

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.	False	LAB TO CHECK RC

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: 480-131160-1
Client Project/Site: Mohonk Rd. #356023

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, New York 12233-7017

Attn: Carl Hoffman

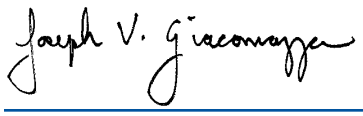
Joseph V. Giacomazza

Authorized for release by:
2/20/2018 3:30:41 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
2/20/2018 3:30:41 PM

Table of Contents

Definitions/Glossary

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

TestAmerica Job ID: 480-131160-1

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)

Job ID: 480-131160-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-131160-1

Receipt
The samples were received on 2/13/2018 10:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.3º 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) 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 (480-131160-1), ERT-1 (480-131160-2), 5R (480-131160-3), COMBINED INFLUENT (480-131160-4) and EFFLUENT (480-131160-5).

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

Client Sample Results

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

TestAmerica Job ID: 480-131160-1

Client Sample ID: 7R
Date Collected: 02/09/18 10:30
Date Received: 02/13/18 10:15

Lab Sample ID: 480-131160-1
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			02/13/18 16:16	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/13/18 16:16	1
Chloroform	ND		5.0	0.54	ug/L			02/13/18 16:16	1
1,1-Dichloroethane	**15**		5.0	0.59	ug/L			02/13/18 16:16	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/13/18 16:16	1
1,1-Dichloroethylene	**9.9**		5.0	0.85	ug/L			02/13/18 16:16	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/13/18 16:16	1
Toluene	ND		5.0	0.45	ug/L			02/13/18 16:16	1
1,1,1-Trichloroethane	**40**		5.0	0.39	ug/L			02/13/18 16:16	1
1,4-Dioxane	ND		200	15	ug/L			02/13/18 16:16	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/13/18 16:16	1
Trichloroethylene	**1.3**	**J**	5.0	0.60	ug/L			02/13/18 16:16	1
Acetone	**2.1**	**J**	25	2.0	ug/L			02/13/18 16:16	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/13/18 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*68 - 130*		*02/13/18 16:16*	*1*
4-Bromofluorobenzene (Surr)	*104*		*76 - 123*		*02/13/18 16:16*	*1*
Toluene-d8 (Surr)	*100*		*77 - 120*		*02/13/18 16:16*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*02/13/18 16:16*	*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		02/15/18 08:44	02/15/18 15:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**399**		10.0	4.0	mg/L			02/13/18 22:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			02/15/18 17:47	1
pH	**7.3**	**HF**	0.1	0.1	SU			02/14/18 14:55	1
Temperature	**19.4**	**HF**	0.001	0.001	Degrees C			02/14/18 14:55	1

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

TestAmerica Job ID: 480-131160-1

Client Sample ID: ERT-1
Date Collected: 02/09/18 10:25
Date Received: 02/13/18 10:15

Lab Sample ID: 480-131160-2
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			02/13/18 16:43	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/13/18 16:43	1
Chloroform	ND		5.0	0.54	ug/L			02/13/18 16:43	1
1,1-Dichloroethane	**8.4**		5.0	0.59	ug/L			02/13/18 16:43	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/13/18 16:43	1
1,1-Dichloroethylene	**18**		5.0	0.85	ug/L			02/13/18 16:43	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/13/18 16:43	1
Toluene	ND		5.0	0.45	ug/L			02/13/18 16:43	1
1,1,1-Trichloroethane	**42**		5.0	0.39	ug/L			02/13/18 16:43	1
1,4-Dioxane	ND		200	15	ug/L			02/13/18 16:43	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/13/18 16:43	1
Trichloroethylene	**5.1**		5.0	0.60	ug/L			02/13/18 16:43	1
Acetone	ND		25	2.0	ug/L			02/13/18 16:43	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/13/18 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*68 - 130*		*02/13/18 16:43*	*1*
4-Bromofluorobenzene (Surr)	*100*		*76 - 123*		*02/13/18 16:43*	*1*
Toluene-d8 (Surr)	*98*		*77 - 120*		*02/13/18 16:43*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*02/13/18 16:43*	*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		02/15/18 08:44	02/15/18 15:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**371**		10.0	4.0	mg/L			02/13/18 22:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			02/15/18 17:47	1
pH	**7.3**	**HF**	0.1	0.1	SU			02/14/18 14:59	1
Temperature	**19.5**	**HF**	0.001	0.001	Degrees C			02/14/18 14:59	1

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

TestAmerica Job ID: 480-131160-1

Client Sample ID: 5R
Date Collected: 02/09/18 10:15
Date Received: 02/13/18 10:15

Lab Sample ID: 480-131160-3
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			02/13/18 17:10	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/13/18 17:10	1
Chloroform	ND		5.0	0.54	ug/L			02/13/18 17:10	1
1,1-Dichloroethane	**2.5**	**J**	5.0	0.59	ug/L			02/13/18 17:10	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/13/18 17:10	1
1,1-Dichloroethylene	**9.9**		5.0	0.85	ug/L			02/13/18 17:10	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/13/18 17:10	1
Toluene	ND		5.0	0.45	ug/L			02/13/18 17:10	1
1,1,1-Trichloroethane	**31**		5.0	0.39	ug/L			02/13/18 17:10	1
1,4-Dioxane	ND		200	15	ug/L			02/13/18 17:10	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/13/18 17:10	1
Trichloroethylene	**4.4**	**J**	5.0	0.60	ug/L			02/13/18 17:10	1
Acetone	ND		25	2.0	ug/L			02/13/18 17:10	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/13/18 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*68 - 130*		*02/13/18 17:10*	*1*
4-Bromofluorobenzene (Surr)	*102*		*76 - 123*		*02/13/18 17:10*	*1*
Toluene-d8 (Surr)	*100*		*77 - 120*		*02/13/18 17:10*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*02/13/18 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		02/15/18 08:44	02/15/18 16:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**476**		10.0	4.0	mg/L			02/13/18 22:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			02/13/18 04:17	1
pH	**7.3**	**HF**	0.1	0.1	SU			02/14/18 15:02	1
Temperature	**19.3**	**HF**	0.001	0.001	Degrees C			02/14/18 15:02	1

Client Sample Results

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

TestAmerica Job ID: 480-131160-1

Client Sample ID: COMBINED INFLUENT

Lab Sample ID: 480-131160-4

Date Collected: 02/09/18 10:10

Matrix: Water

Date Received: 02/13/18 10:15

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			02/13/18 17:37	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/13/18 17:37	1
Chloroform	ND		5.0	0.54	ug/L			02/13/18 17:37	1
1,1-Dichloroethane	**8.9**		5.0	0.59	ug/L			02/13/18 17:37	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/13/18 17:37	1
1,1-Dichloroethylene	**13**		5.0	0.85	ug/L			02/13/18 17:37	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/13/18 17:37	1
Toluene	ND		5.0	0.45	ug/L			02/13/18 17:37	1
1,1,1-Trichloroethane	**38**		5.0	0.39	ug/L			02/13/18 17:37	1
1,4-Dioxane	ND		200	15	ug/L			02/13/18 17:37	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/13/18 17:37	1
Trichloroethylene	**3.6**	**J**	5.0	0.60	ug/L			02/13/18 17:37	1
Acetone	**2.3**	**J**	25	2.0	ug/L			02/13/18 17:37	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/13/18 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*68 - 130*		*02/13/18 17:37*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*02/13/18 17:37*	*1*
Toluene-d8 (Surr)	*99*		*77 - 120*		*02/13/18 17:37*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*02/13/18 17:37*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.5**		0.050	0.019	mg/L		02/15/18 08:44	02/15/18 16:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**410**		10.0	4.0	mg/L			02/13/18 22:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			02/13/18 04:17	1
pH	**7.3**	**HF**	0.1	0.1	SU			02/14/18 15:05	1
Temperature	**19.3**	**HF**	0.001	0.001	Degrees C			02/14/18 15:05	1

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

TestAmerica Job ID: 480-131160-1

Client Sample ID: EFFLUENT
Date Collected: 02/09/18 10:00
Date Received: 02/13/18 10:15

Lab Sample ID: 480-131160-5
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			02/13/18 18:03	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/13/18 18:03	1
Chloroform	ND		5.0	0.54	ug/L			02/13/18 18:03	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/13/18 18:03	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/13/18 18:03	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			02/13/18 18:03	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/13/18 18:03	1
Toluene	ND		5.0	0.45	ug/L			02/13/18 18:03	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			02/13/18 18:03	1
1,4-Dioxane	ND		200	15	ug/L			02/13/18 18:03	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/13/18 18:03	1
Trichloroethylene	ND		5.0	0.60	ug/L			02/13/18 18:03	1
Acetone	**3.9**	**J**	25	2.0	ug/L			02/13/18 18:03	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/13/18 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*68 - 130*		*02/13/18 18:03*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*02/13/18 18:03*	*1*
Toluene-d8 (Surr)	*97*		*77 - 120*		*02/13/18 18:03*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*02/13/18 18:03*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.25**		0.050	0.019	mg/L		02/15/18 08:44	02/15/18 16:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**327**		10.0	4.0	mg/L			02/13/18 22:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			02/13/18 04:17	1
pH	**8.2**	**HF**	0.1	0.1	SU			02/14/18 15:08	1
Temperature	**19.5**	**HF**	0.001	0.001	Degrees C			02/14/18 15:08	1

Lab Chronicle

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

TestAmerica Job ID: 480-131160-1

Client Sample ID: 7R
Lab Sample ID: 480-131160-1
Date Collected: 02/09/18 10:30
Matrix: Water
Date Received: 02/13/18 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	399629	02/13/18 16:16	RJF	TAL BUF
Total/NA	Prep	200.7			399958	02/15/18 08:44	JAK	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	400182	02/15/18 15:41	AMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	399765	02/13/18 22:30	CDC	TAL BUF
Total/NA	Analysis	SM 2540D		1	400117	02/15/18 17:47	CDC	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	399910	02/14/18 14:55	DSC	TAL BUF

Client Sample ID: ERT-1
Lab Sample ID: 480-131160-2
Date Collected: 02/09/18 10:25
Matrix: Water
Date Received: 02/13/18 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	399629	02/13/18 16:43	RJF	TAL BUF
Total/NA	Prep	200.7			399958	02/15/18 08:44	JAK	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	400182	02/15/18 15:59	AMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	399765	02/13/18 22:30	CDC	TAL BUF
Total/NA	Analysis	SM 2540D		1	400117	02/15/18 17:47	CDC	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	399910	02/14/18 14:59	DSC	TAL BUF

Client Sample ID: 5R
Lab Sample ID: 480-131160-3
Date Collected: 02/09/18 10:15
Matrix: Water
Date Received: 02/13/18 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	399629	02/13/18 17:10	RJF	TAL BUF
Total/NA	Prep	200.7			399958	02/15/18 08:44	JAK	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	400182	02/15/18 16:03	AMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	399765	02/13/18 22:30	CDC	TAL BUF
Total/NA	Analysis	SM 2540D		1	399582	02/13/18 04:17	KMB	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	399910	02/14/18 15:02	DSC	TAL BUF

Client Sample ID: COMBINED INFLUENT
Lab Sample ID: 480-131160-4
Date Collected: 02/09/18 10:10
Matrix: Water
Date Received: 02/13/18 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	399629	02/13/18 17:37	RJF	TAL BUF
Total/NA	Prep	200.7			399958	02/15/18 08:44	JAK	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	400182	02/15/18 16:17	AMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	399765	02/13/18 22:30	CDC	TAL BUF
Total/NA	Analysis	SM 2540D		1	399582	02/13/18 04:17	KMB	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-131160-1

Client Sample ID: COMBINED INFLUENT

Lab Sample ID: 480-131160-4

Date Collected: 02/09/18 10:10

Matrix: Water

Date Received: 02/13/18 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 H+ B		1	399910	02/14/18 15:05	DSC	TAL BUF

Client Sample ID: EFFLUENT

Lab Sample ID: 480-131160-5

Date Collected: 02/09/18 10:00

Matrix: Water

Date Received: 02/13/18 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	399629	02/13/18 18:03	RJF	TAL BUF
Total/NA	Prep	200.7			399958	02/15/18 08:44	JAK	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	400182	02/15/18 16:21	AMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	399765	02/13/18 22:30	CDC	TAL BUF
Total/NA	Analysis	SM 2540D		1	399582	02/13/18 04:17	KMB	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	399910	02/14/18 15:08	DSC	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: 480-131160-1

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	03-31-18 *

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
624		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: 480-131160-1

Method	Method Description	Protocol	Laboratory
624	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

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: 480-131160-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-131160-1	7R	Water	02/09/18 10:30	02/13/18 10:15
480-131160-2	ERT-1	Water	02/09/18 10:25	02/13/18 10:15
480-131160-3	5R	Water	02/09/18 10:15	02/13/18 10:15
480-131160-4	COMBINED INFLUENT	Water	02/09/18 10:10	02/13/18 10:15
480-131160-5	EFFLUENT	Water	02/09/18 10:00	02/13/18 10:15

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

480501-Albany

Chain of Custody Record

TestAr
THE LEADER IN ENV

480-131160 COC

Client Information	Sampler: Lewis Gelinas	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-103110-1580
Client Contact: Joe Sabanos	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: 518-402-9813(Tel)	PO #: CallOut 121912			
Email: jsabanos@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	624_5ml - (MOD) Priority Pollutant List - VOA - 62	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	SM4500_H+ - pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N	N	N		
7R	2-9-18	1030	G	Water	N	N							
ERT-1	2-9-18	1025		Water	N	N							
5R	2-9-18	1015		Water	N	N							
Combined Influent	2-9-18	1010		Water	N	N							
Effluent	2-9-18	1000		Water	N	N							
JRL	2-12-18												

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 Gelinas	2-5-18 1400	AZTECH	Karl Loden	2-12-18 0700	TA
2	Karl Loden	2-12-18 1800	TA	Cwallace	2/13/18 1015	TAB
3						

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: #1 3.3

Ver: 08/04/2016

Login Sample Receipt Checklist

Client: New York State D.E.C. Job Number: 480-131160-1

Login Number: 131160 **List Source: TestAmerica Buffalo**
List Number: 1
Creator: Williams, Christopher S

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.	False	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	False	LAB TO CHECK RC

TestAmerica

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ANALYTICAL REPORT

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

TestAmerica Job ID: 480-132417-1
Client Project/Site: Mohonk Rd. #356023

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, New York 12233-7017

Attn: Carl Hoffman

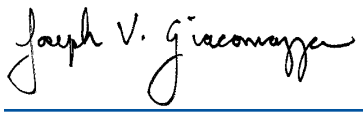
Joseph V. Giacomazza

Authorized for release by:
3/21/2018 10:22:24 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
3/21/2018 10:22:24 AM

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)

Job ID: 480-132417-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-132417-1

Receipt
The samples were received on 3/10/2018 1:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.4º C.

GC/MS VOA
Method(s) 624: The following samples were diluted to bring the concentration of target analytes within the calibration range: ERT-1 (480-132417-2), BATCH TANK (480-132417-6) and AFTER BAG FILTERS (480-132417-7). 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 (480-132417-1), ERT-1 (480-132417-2), 5R (480-132417-3), COMBINED INFLUENT (480-132417-4) and EFFLUENT (480-132417-5).

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

TestAmerica Job ID: 480-132417-1

Client Sample ID: 7R
Date Collected: 03/09/18 11:00
Date Received: 03/10/18 01:00

Lab Sample ID: 480-132417-1
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			03/12/18 21:22	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/12/18 21:22	1
Chloroform	ND		5.0	0.54	ug/L			03/12/18 21:22	1
1,1-Dichloroethane	**15**		5.0	0.59	ug/L			03/12/18 21:22	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/12/18 21:22	1
1,1-Dichloroethylene	**8.7**		5.0	0.85	ug/L			03/12/18 21:22	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/12/18 21:22	1
Toluene	ND		5.0	0.45	ug/L			03/12/18 21:22	1
1,1,1-Trichloroethane	**41**		5.0	0.39	ug/L			03/12/18 21:22	1
1,4-Dioxane	ND		200	15	ug/L			03/12/18 21:22	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/12/18 21:22	1
Trichloroethylene	**1.3**	**J**	5.0	0.60	ug/L			03/12/18 21:22	1
Acetone	ND		25	2.0	ug/L			03/12/18 21:22	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/12/18 21:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*68 - 130*		*03/12/18 21:22*	*1*
4-Bromofluorobenzene (Surr)	*111*		*76 - 123*		*03/12/18 21:22*	*1*
Toluene-d8 (Surr)	*100*		*77 - 120*		*03/12/18 21:22*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*03/12/18 21:22*	*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		03/12/18 09:25	03/12/18 15:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**341**		10.0	4.0	mg/L			03/13/18 19:39	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			03/14/18 06:01	1
pH	**7.5**	**HF**	0.1	0.1	SU			03/11/18 15:10	1
Temperature	**20.3**	**HF**	0.001	0.001	Degrees C			03/11/18 15:10	1

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

TestAmerica Job ID: 480-132417-1

Client Sample ID: ERT-1
Date Collected: 03/09/18 11:10
Date Received: 03/10/18 01:00

Lab Sample ID: 480-132417-2
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			03/12/18 21:46	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/12/18 21:46	1
Chloroform	ND		5.0	0.54	ug/L			03/12/18 21:46	1
1,1-Dichloroethane	**25**		5.0	0.59	ug/L			03/12/18 21:46	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/12/18 21:46	1
1,1-Dichloroethylene	**42**		5.0	0.85	ug/L			03/12/18 21:46	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/12/18 21:46	1
Toluene	ND		5.0	0.45	ug/L			03/12/18 21:46	1
1,4-Dioxane	ND		200	15	ug/L			03/12/18 21:46	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/12/18 21:46	1
Trichloroethylene	**12**		5.0	0.60	ug/L			03/12/18 21:46	1
Acetone	ND		25	2.0	ug/L			03/12/18 21:46	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/12/18 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*68 - 130*		*03/12/18 21:46*	*1*
4-Bromofluorobenzene (Surr)	*110*		*76 - 123*		*03/12/18 21:46*	*1*
Toluene-d8 (Surr)	*100*		*77 - 120*		*03/12/18 21:46*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*03/12/18 21:46*	*1*

Method: 624 - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**190**		20	1.5	ug/L			03/13/18 20:20	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*68 - 130*		*03/13/18 20:20*	*4*
4-Bromofluorobenzene (Surr)	*114*		*76 - 123*		*03/13/18 20:20*	*4*
Toluene-d8 (Surr)	*104*		*77 - 120*		*03/13/18 20:20*	*4*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*03/13/18 20:20*	*4*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.028**	**J**	0.050	0.019	mg/L		03/12/18 09:25	03/12/18 15:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**342**		10.0	4.0	mg/L			03/13/18 19:39	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			03/14/18 20:41	1
pH	**7.4**	**HF**	0.1	0.1	SU			03/11/18 15:13	1
Temperature	**20.2**	**HF**	0.001	0.001	Degrees C			03/11/18 15:13	1

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

TestAmerica Job ID: 480-132417-1

Client Sample ID: 5R
Date Collected: 03/09/18 11:20
Date Received: 03/10/18 01:00

Lab Sample ID: 480-132417-3
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			03/12/18 22:10	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/12/18 22:10	1
Chloroform	ND		5.0	0.54	ug/L			03/12/18 22:10	1
1,1-Dichloroethane	**1.6**	**J**	5.0	0.59	ug/L			03/12/18 22:10	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/12/18 22:10	1
1,1-Dichloroethylene	**7.6**		5.0	0.85	ug/L			03/12/18 22:10	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/12/18 22:10	1
Toluene	ND		5.0	0.45	ug/L			03/12/18 22:10	1
1,1,1-Trichloroethane	**45**		5.0	0.39	ug/L			03/12/18 22:10	1
1,4-Dioxane	ND		200	15	ug/L			03/12/18 22:10	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/12/18 22:10	1
Trichloroethylene	**2.9**	**J**	5.0	0.60	ug/L			03/12/18 22:10	1
Acetone	ND		25	2.0	ug/L			03/12/18 22:10	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/12/18 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*68 - 130*		*03/12/18 22:10*	*1*
4-Bromofluorobenzene (Surr)	*110*		*76 - 123*		*03/12/18 22:10*	*1*
Toluene-d8 (Surr)	*101*		*77 - 120*		*03/12/18 22:10*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*03/12/18 22:10*	*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		03/12/18 09:25	03/12/18 15:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**273**		10.0	4.0	mg/L			03/13/18 19:39	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			03/14/18 06:01	1
pH	**7.5**	**HF**	0.1	0.1	SU			03/11/18 15:17	1
Temperature	**20.2**	**HF**	0.001	0.001	Degrees C			03/11/18 15:17	1

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

TestAmerica Job ID: 480-132417-1

Client Sample ID: COMBINED INFLUENT

Lab Sample ID: 480-132417-4

Date Collected: 03/09/18 11:25

Matrix: Water

Date Received: 03/10/18 01:00

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			03/12/18 22:34	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/12/18 22:34	1
Chloroform	ND		5.0	0.54	ug/L			03/12/18 22:34	1
1,1-Dichloroethane	**15**		5.0	0.59	ug/L			03/12/18 22:34	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/12/18 22:34	1
1,1-Dichloroethylene	**20**		5.0	0.85	ug/L			03/12/18 22:34	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/12/18 22:34	1
Toluene	ND		5.0	0.45	ug/L			03/12/18 22:34	1
1,1,1-Trichloroethane	**92**		5.0	0.39	ug/L			03/12/18 22:34	1
1,4-Dioxane	ND		200	15	ug/L			03/12/18 22:34	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/12/18 22:34	1
Trichloroethylene	**6.0**		5.0	0.60	ug/L			03/12/18 22:34	1
Acetone	ND		25	2.0	ug/L			03/12/18 22:34	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/12/18 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*68 - 130*		*03/12/18 22:34*	*1*
4-Bromofluorobenzene (Surr)	*112*		*76 - 123*		*03/12/18 22:34*	*1*
Toluene-d8 (Surr)	*101*		*77 - 120*		*03/12/18 22:34*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*03/12/18 22:34*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.033**	**J**	0.050	0.019	mg/L		03/12/18 09:25	03/12/18 16:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**305**		10.0	4.0	mg/L			03/13/18 19:39	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			03/14/18 20:41	1
pH	**7.5**	**HF**	0.1	0.1	SU			03/11/18 15:20	1
Temperature	**20.6**	**HF**	0.001	0.001	Degrees C			03/11/18 15:20	1

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

TestAmerica Job ID: 480-132417-1

Client Sample ID: EFFLUENT
Date Collected: 03/09/18 11:30
Date Received: 03/10/18 01:00

Lab Sample ID: 480-132417-5
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			03/12/18 22:58	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/12/18 22:58	1
Chloroform	ND		5.0	0.54	ug/L			03/12/18 22:58	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/12/18 22:58	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/12/18 22:58	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			03/12/18 22:58	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/12/18 22:58	1
Toluene	ND		5.0	0.45	ug/L			03/12/18 22:58	1
1,1,1-Trichloroethane	**0.40**	**J**	5.0	0.39	ug/L			03/12/18 22:58	1
1,4-Dioxane	ND		200	15	ug/L			03/12/18 22:58	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/12/18 22:58	1
Trichloroethylene	ND		5.0	0.60	ug/L			03/12/18 22:58	1
Acetone	**3.3**	**J**	25	2.0	ug/L			03/12/18 22:58	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/12/18 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*68 - 130*		*03/12/18 22:58*	*1*
4-Bromofluorobenzene (Surr)	*113*		*76 - 123*		*03/12/18 22:58*	*1*
Toluene-d8 (Surr)	*100*		*77 - 120*		*03/12/18 22:58*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*03/12/18 22:58*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.027**	**J**	0.050	0.019	mg/L		03/12/18 09:25	03/12/18 16:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**308**		10.0	4.0	mg/L			03/13/18 19:39	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			03/14/18 06:01	1
pH	**8.2**	**HF**	0.1	0.1	SU			03/11/18 15:25	1
Temperature	**20.8**	**HF**	0.001	0.001	Degrees C			03/11/18 15:25	1

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

TestAmerica Job ID: 480-132417-1

Client Sample ID: BATCH TANK
Date Collected: 03/09/18 11:40
Date Received: 03/10/18 01:00

Lab Sample ID: 480-132417-6
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		10	1.2	ug/L			03/13/18 20:44	2
Carbon tetrachloride	ND		10	1.0	ug/L			03/13/18 20:44	2
Chloroform	ND		10	1.1	ug/L			03/13/18 20:44	2
1,1-Dichloroethane	**14**		10	1.2	ug/L			03/13/18 20:44	2
1,2-Dichloroethane	ND		10	1.2	ug/L			03/13/18 20:44	2
1,1-Dichloroethylene	**16**		10	1.7	ug/L			03/13/18 20:44	2
Methylene Chloride	ND		10	1.6	ug/L			03/13/18 20:44	2
Toluene	ND		10	0.91	ug/L			03/13/18 20:44	2
1,1,1-Trichloroethane	**80**		10	0.77	ug/L			03/13/18 20:44	2
1,4-Dioxane	ND		400	30	ug/L			03/13/18 20:44	2
1,1,2-Trichloroethane	ND		10	0.96	ug/L			03/13/18 20:44	2
Trichloroethylene	**5.0**	**J**	10	1.2	ug/L			03/13/18 20:44	2
Acetone	ND		50	4.0	ug/L			03/13/18 20:44	2
1,2-Dichloroethene, Total	ND		20	6.4	ug/L			03/13/18 20:44	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*68 - 130*		*03/13/18 20:44*	*2*
4-Bromofluorobenzene (Surr)	*113*		*76 - 123*		*03/13/18 20:44*	*2*
Toluene-d8 (Surr)	*102*		*77 - 120*		*03/13/18 20:44*	*2*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*03/13/18 20:44*	*2*

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

TestAmerica Job ID: 480-132417-1

Client Sample ID: AFTER BAG FILTERS
Date Collected: 03/09/18 11:45
Date Received: 03/10/18 01:00

Lab Sample ID: 480-132417-7
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		10	1.2	ug/L			03/13/18 21:08	2
Carbon tetrachloride	ND		10	1.0	ug/L			03/13/18 21:08	2
Chloroform	ND		10	1.1	ug/L			03/13/18 21:08	2
1,1-Dichloroethane	**14**		10	1.2	ug/L			03/13/18 21:08	2
1,2-Dichloroethane	ND		10	1.2	ug/L			03/13/18 21:08	2
1,1-Dichloroethylene	**19**		10	1.7	ug/L			03/13/18 21:08	2
Methylene Chloride	ND		10	1.6	ug/L			03/13/18 21:08	2
Toluene	ND		10	0.91	ug/L			03/13/18 21:08	2
1,1,1-Trichloroethane	**91**		10	0.77	ug/L			03/13/18 21:08	2
1,4-Dioxane	ND		400	30	ug/L			03/13/18 21:08	2
1,1,2-Trichloroethane	ND		10	0.96	ug/L			03/13/18 21:08	2
Trichloroethylene	**5.7**	**J**	10	1.2	ug/L			03/13/18 21:08	2
Acetone	ND		50	4.0	ug/L			03/13/18 21:08	2
1,2-Dichloroethene, Total	ND		20	6.4	ug/L			03/13/18 21:08	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*68 - 130*		*03/13/18 21:08*	*2*
4-Bromofluorobenzene (Surr)	*113*		*76 - 123*		*03/13/18 21:08*	*2*
Toluene-d8 (Surr)	*101*		*77 - 120*		*03/13/18 21:08*	*2*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*03/13/18 21:08*	*2*

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

TestAmerica Job ID: 480-132417-1

Client Sample ID: DISCHARGE PUMP DRAIN
Date Collected: 03/09/18 11:50
Date Received: 03/10/18 01:00

Lab Sample ID: 480-132417-8
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			03/13/18 21:32	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			03/13/18 21:32	1
Chloroform	ND		5.0	0.54	ug/L			03/13/18 21:32	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			03/13/18 21:32	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			03/13/18 21:32	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			03/13/18 21:32	1
Methylene Chloride	ND		5.0	0.81	ug/L			03/13/18 21:32	1
Toluene	ND		5.0	0.45	ug/L			03/13/18 21:32	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			03/13/18 21:32	1
1,4-Dioxane	ND		200	15	ug/L			03/13/18 21:32	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			03/13/18 21:32	1
Trichloroethylene	ND		5.0	0.60	ug/L			03/13/18 21:32	1
Acetone	ND		25	2.0	ug/L			03/13/18 21:32	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			03/13/18 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*68 - 130*		*03/13/18 21:32*	*1*
4-Bromofluorobenzene (Surr)	*112*		*76 - 123*		*03/13/18 21:32*	*1*
Toluene-d8 (Surr)	*99*		*77 - 120*		*03/13/18 21:32*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*03/13/18 21:32*	*1*

Lab Chronicle

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

TestAmerica Job ID: 480-132417-1

Client Sample ID: 7R

Lab Sample ID: 480-132417-1

Date Collected: 03/09/18 11:00
Matrix: Water
Date Received: 03/10/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	403635	03/12/18 21:22	RLB	TAL BUF
Total/NA	Prep	200.7			403499	03/12/18 09:25	JAK	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	403704	03/12/18 15:31	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	403852	03/13/18 19:39	CDC	TAL BUF
Total/NA	Analysis	SM 2540D		1	403886	03/14/18 06:01	KMB	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	403463	03/11/18 15:10	DSC	TAL BUF

Client Sample ID: ERT-1

Lab Sample ID: 480-132417-2

Date Collected: 03/09/18 11:10
Matrix: Water
Date Received: 03/10/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	403635	03/12/18 21:46	RLB	TAL BUF
Total/NA	Analysis	624	DL	4	403834	03/13/18 20:20	RLB	TAL BUF
Total/NA	Prep	200.7			403499	03/12/18 09:25	JAK	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	403704	03/12/18 15:50	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	403852	03/13/18 19:39	CDC	TAL BUF
Total/NA	Analysis	SM 2540D		1	404071	03/14/18 20:41	CDC	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	403463	03/11/18 15:13	DSC	TAL BUF

Client Sample ID: 5R

Lab Sample ID: 480-132417-3

Date Collected: 03/09/18 11:20
Matrix: Water
Date Received: 03/10/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	403635	03/12/18 22:10	RLB	TAL BUF
Total/NA	Prep	200.7			403499	03/12/18 09:25	JAK	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	403704	03/12/18 15:54	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	403852	03/13/18 19:39	CDC	TAL BUF
Total/NA	Analysis	SM 2540D		1	403886	03/14/18 06:01	KMB	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	403463	03/11/18 15:17	DSC	TAL BUF

Client Sample ID: COMBINED INFLUENT

Lab Sample ID: 480-132417-4

Date Collected: 03/09/18 11:25
Matrix: Water
Date Received: 03/10/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	403635	03/12/18 22:34	RLB	TAL BUF
Total/NA	Prep	200.7			403499	03/12/18 09:25	JAK	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	403704	03/12/18 16:09	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	403852	03/13/18 19:39	CDC	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-132417-1

Client Sample ID: COMBINED INFLUENT — Lab Sample ID: 480-132417-4

Date Collected: 03/09/18 11:25 — **Matrix: Water**
Date Received: 03/10/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	404071	03/14/18 20:41	CDC	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	403463	03/11/18 15:20	DSC	TAL BUF

Client Sample ID: EFFLUENT — Lab Sample ID: 480-132417-5

Date Collected: 03/09/18 11:30 — **Matrix: Water**
Date Received: 03/10/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	403635	03/12/18 22:58	RLB	TAL BUF
Total/NA	Prep	200.7			403499	03/12/18 09:25	JAK	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	403704	03/12/18 16:12	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	403852	03/13/18 19:39	CDC	TAL BUF
Total/NA	Analysis	SM 2540D		1	403886	03/14/18 06:01	KMB	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	403463	03/11/18 15:25	DSC	TAL BUF

Client Sample ID: BATCH TANK — Lab Sample ID: 480-132417-6

Date Collected: 03/09/18 11:40 — **Matrix: Water**
Date Received: 03/10/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		2	403834	03/13/18 20:44	RLB	TAL BUF

Client Sample ID: AFTER BAG FILTERS — Lab Sample ID: 480-132417-7

Date Collected: 03/09/18 11:45 — **Matrix: Water**
Date Received: 03/10/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		2	403834	03/13/18 21:08	RLB	TAL BUF

Client Sample ID: DISCHARGE PUMP DRAIN — Lab Sample ID: 480-132417-8

Date Collected: 03/09/18 11:50 — **Matrix: Water**
Date Received: 03/10/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	403834	03/13/18 21:32	RLB	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: 480-132417-1

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	03-31-18 *

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
624		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: 480-132417-1

Method	Method Description	Protocol	Laboratory
624	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

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: 480-132417-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-132417-1	7R	Water	03/09/18 11:00	03/10/18 01:00
480-132417-2	ERT-1	Water	03/09/18 11:10	03/10/18 01:00
480-132417-3	5R	Water	03/09/18 11:20	03/10/18 01:00
480-132417-4	COMBINED INFLUENT	Water	03/09/18 11:25	03/10/18 01:00
480-132417-5	EFFLUENT	Water	03/09/18 11:30	03/10/18 01:00
480-132417-6	BATCH TANK	Water	03/09/18 11:40	03/10/18 01:00
480-132417-7	AFTER BAG FILTERS	Water	03/09/18 11:45	03/10/18 01:00
480-132417-8	DISCHARGE PUMP DRAIN	Water	03/09/18 11:50	03/10/18 01:00

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

480501-Albany

Chain of Custody Record

TestAmerica
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480-132417 COC

Client Information	Sampler: John Stuthe	Lab PM: Stone, Judy L	Ca	COC No: 480-103110-15807.1
Client Contact: Joe Sabanos	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: 518-402-9813(Tel)	PO #: CallOut 121912			
Email: jsabanos@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	624_5ml - (MOD) Priority Pollutant List - VOA - 62	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	SM4500_H+ - pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N	N	N		
7R	3-9-18	1100		Water		N							
ERT-1	3-9-18	1110		Water		N							
5R	3-9-18	1120		Water		N							
Combined Influent	3-9-18	1125		Water		N							
Effluent	3-9-18	1130		Water		N							
Batch tank	3-9-18	1140		Water				X					
After bag filters	3-9-18	1145		Water				X					
Discharge Pump drain	3-9-18	1150		Water				X					

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	John Stuthe	3-9-18 1443	Aztech	Tim Keller	3-9-18 1443	NT
2	Tim Keller	3-9-18 1800	TA		3-10-18 0100	TAS
3		Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: 0.4 #1

Ver: 08/04/2016

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-132417-1

Login Number: 132417

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

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.	False	LAB TO CHECK RC

TestAmerica

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ANALYTICAL REPORT

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

TestAmerica Job ID: 480-133464-1
Client Project/Site: Mohonk Rd. #356023

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, New York 12233-7017

Attn: Carl Hoffman

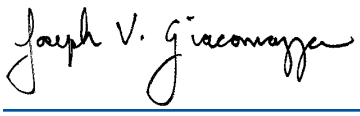
Joseph V. Giacomazza

Authorized for release by:
4/10/2018 10:19:06 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
4/10/2018 10:19:06 AM

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)

Job ID: 480-133464-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-133464-1

Receipt
The samples were received on 4/3/2018 1:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.8º C.

GC/MS VOA
Method(s) 624: The following samples were diluted to bring the concentration of target analytes within the calibration range: BATCH TANK (480-133464-6) and AFTER BAG FILTERS (480-133464-7). 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
Method(s) 200.7: The following samples for metals were received unpreserved and were preserved upon receipt to the laboratory: 7R (480-133464-1), ERT-1 (480-133464-2), 5R (480-133464-3), COMBINED INFLUENT (480-133464-4), EFFLUENT (480-133464-5), (480-133464-C-1 MS) and (480-133464-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. preserved 3April18 at 0650, second check 4april18 at 0725

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 has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 7R (480-133464-1), ERT-1 (480-133464-2), 5R (480-133464-3), COMBINED INFLUENT (480-133464-4) and EFFLUENT (480-133464-5).

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

TestAmerica Job ID: 480-133464-1

Client Sample ID: 7R
Date Collected: 04/02/18 10:20
Date Received: 04/03/18 01:00

Lab Sample ID: 480-133464-1
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			04/03/18 23:57	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/03/18 23:57	1
Chloroform	ND		5.0	0.54	ug/L			04/03/18 23:57	1
1,1-Dichloroethane	**23**		5.0	0.59	ug/L			04/03/18 23:57	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/03/18 23:57	1
1,1-Dichloroethylene	**10**		5.0	0.85	ug/L			04/03/18 23:57	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/03/18 23:57	1
Toluene	ND		5.0	0.45	ug/L			04/03/18 23:57	1
1,1,1-Trichloroethane	**62**		5.0	0.39	ug/L			04/03/18 23:57	1
1,4-Dioxane	ND		200	15	ug/L			04/03/18 23:57	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/03/18 23:57	1
Trichloroethylene	**1.8**	**J**	5.0	0.60	ug/L			04/03/18 23:57	1
Acetone	ND		25	2.0	ug/L			04/03/18 23:57	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/03/18 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*68 - 130*		*04/03/18 23:57*	*1*
4-Bromofluorobenzene (Surr)	*104*		*76 - 123*		*04/03/18 23:57*	*1*
Toluene-d8 (Surr)	*98*		*77 - 120*		*04/03/18 23:57*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*04/03/18 23:57*	*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		04/04/18 08:42	04/04/18 15:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**367**		10.0	4.0	mg/L			04/04/18 08:23	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/03/18 21:18	1
pH	**7.2**	**HF**	0.1	0.1	SU			04/03/18 10:48	1
Temperature	**19.2**	**HF**	0.001	0.001	Degrees C			04/03/18 10:48	1

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

TestAmerica Job ID: 480-133464-1

Client Sample ID: ERT-1
Date Collected: 04/02/18 10:15
Date Received: 04/03/18 01:00

Lab Sample ID: 480-133464-2
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			04/04/18 20:57	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/04/18 20:57	1
Chloroform	ND		5.0	0.54	ug/L			04/04/18 20:57	1
1,1-Dichloroethane	**10**		5.0	0.59	ug/L			04/04/18 20:57	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/04/18 20:57	1
1,1-Dichloroethylene	**21**		5.0	0.85	ug/L			04/04/18 20:57	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/04/18 20:57	1
Toluene	ND		5.0	0.45	ug/L			04/04/18 20:57	1
1,1,1-Trichloroethane	**60**		5.0	0.39	ug/L			04/04/18 20:57	1
1,4-Dioxane	ND		200	15	ug/L			04/04/18 20:57	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/04/18 20:57	1
Trichloroethylene	**6.6**		5.0	0.60	ug/L			04/04/18 20:57	1
Acetone	ND		25	2.0	ug/L			04/04/18 20:57	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/04/18 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*68 - 130*		*04/04/18 20:57*	*1*
4-Bromofluorobenzene (Surr)	*104*		*76 - 123*		*04/04/18 20:57*	*1*
Toluene-d8 (Surr)	*95*		*77 - 120*		*04/04/18 20:57*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*04/04/18 20:57*	*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		04/04/18 08:42	04/04/18 16:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**360**		10.0	4.0	mg/L			04/04/18 08:23	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/03/18 21:18	1
pH	**7.2**	**HF**	0.1	0.1	SU			04/03/18 10:51	1
Temperature	**19.3**	**HF**	0.001	0.001	Degrees C			04/03/18 10:51	1

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

TestAmerica Job ID: 480-133464-1

Client Sample ID: 5R
Date Collected: 04/02/18 10:10
Date Received: 04/03/18 01:00

Lab Sample ID: 480-133464-3
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			04/04/18 00:45	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/04/18 00:45	1
Chloroform	ND		5.0	0.54	ug/L			04/04/18 00:45	1
1,1-Dichloroethane	**2.7**	**J**	5.0	0.59	ug/L			04/04/18 00:45	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/04/18 00:45	1
1,1-Dichloroethylene	**11**		5.0	0.85	ug/L			04/04/18 00:45	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/04/18 00:45	1
Toluene	ND		5.0	0.45	ug/L			04/04/18 00:45	1
1,1,1-Trichloroethane	**36**		5.0	0.39	ug/L			04/04/18 00:45	1
1,4-Dioxane	ND		200	15	ug/L			04/04/18 00:45	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/04/18 00:45	1
Trichloroethylene	**4.2**	**J**	5.0	0.60	ug/L			04/04/18 00:45	1
Acetone	ND		25	2.0	ug/L			04/04/18 00:45	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/04/18 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*68 - 130*		*04/04/18 00:45*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*04/04/18 00:45*	*1*
Toluene-d8 (Surr)	*96*		*77 - 120*		*04/04/18 00:45*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*04/04/18 00:45*	*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		04/04/18 08:42	04/04/18 16:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**387**		10.0	4.0	mg/L			04/04/18 08:23	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/03/18 21:18	1
pH	**7.3**	**HF**	0.1	0.1	SU			04/03/18 10:54	1
Temperature	**19.6**	**HF**	0.001	0.001	Degrees C			04/03/18 10:54	1

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

TestAmerica Job ID: 480-133464-1

Client Sample ID: COMBINED INFLUENT
Date Collected: 04/02/18 10:05
Date Received: 04/03/18 01:00

Lab Sample ID: 480-133464-4
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			04/04/18 01:09	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/04/18 01:09	1
Chloroform	ND		5.0	0.54	ug/L			04/04/18 01:09	1
1,1-Dichloroethane	**12**		5.0	0.59	ug/L			04/04/18 01:09	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/04/18 01:09	1
1,1-Dichloroethylene	**15**		5.0	0.85	ug/L			04/04/18 01:09	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/04/18 01:09	1
Toluene	ND		5.0	0.45	ug/L			04/04/18 01:09	1
1,1,1-Trichloroethane	**56**		5.0	0.39	ug/L			04/04/18 01:09	1
1,4-Dioxane	ND		200	15	ug/L			04/04/18 01:09	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/04/18 01:09	1
Trichloroethylene	**4.5**	**J**	5.0	0.60	ug/L			04/04/18 01:09	1
Acetone	ND		25	2.0	ug/L			04/04/18 01:09	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/04/18 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*68 - 130*		*04/04/18 01:09*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*04/04/18 01:09*	*1*
Toluene-d8 (Surr)	*95*		*77 - 120*		*04/04/18 01:09*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*04/04/18 01:09*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.028**	**J**	0.050	0.019	mg/L		04/04/18 08:42	04/04/18 16:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**377**		10.0	4.0	mg/L			04/04/18 09:28	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/03/18 21:18	1
pH	**7.3**	**HF**	0.1	0.1	SU			04/03/18 10:57	1
Temperature	**19.9**	**HF**	0.001	0.001	Degrees C			04/03/18 10:57	1

Client Sample ID: EFFLUENT
Date Collected: 04/02/18 10:00
Date Received: 04/03/18 01:00

Lab Sample ID: 480-133464-5
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			04/04/18 01:33	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/04/18 01:33	1
Chloroform	ND		5.0	0.54	ug/L			04/04/18 01:33	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/04/18 01:33	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/04/18 01:33	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			04/04/18 01:33	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/04/18 01:33	1
Toluene	ND		5.0	0.45	ug/L			04/04/18 01:33	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			04/04/18 01:33	1
1,4-Dioxane	ND		200	15	ug/L			04/04/18 01:33	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/04/18 01:33	1
Trichloroethylene	ND		5.0	0.60	ug/L			04/04/18 01:33	1
Acetone	ND		25	2.0	ug/L			04/04/18 01:33	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/04/18 01:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*68 - 130*		*04/04/18 01:33*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*04/04/18 01:33*	*1*
Toluene-d8 (Surr)	*97*		*77 - 120*		*04/04/18 01:33*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*04/04/18 01:33*	*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		04/04/18 08:42	04/04/18 16:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**398**		10.0	4.0	mg/L			04/04/18 09:28	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/03/18 21:18	1
pH	**8.2**	**HF**	0.1	0.1	SU			04/03/18 10:59	1
Temperature	**20.2**	**HF**	0.001	0.001	Degrees C			04/03/18 10:59	1

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

TestAmerica Job ID: 480-133464-1

Client Sample ID: BATCH TANK
Date Collected: 04/02/18 10:30
Date Received: 04/03/18 01:00

Lab Sample ID: 480-133464-6
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		10	1.2	ug/L			04/04/18 01:57	2
Carbon tetrachloride	ND		10	1.0	ug/L			04/04/18 01:57	2
Chloroform	ND		10	1.1	ug/L			04/04/18 01:57	2
1,1-Dichloroethane	**24**		10	1.2	ug/L			04/04/18 01:57	2
1,2-Dichloroethane	ND		10	1.2	ug/L			04/04/18 01:57	2
1,1-Dichloroethylene	**28**		10	1.7	ug/L			04/04/18 01:57	2
Methylene Chloride	ND		10	1.6	ug/L			04/04/18 01:57	2
Toluene	ND		10	0.91	ug/L			04/04/18 01:57	2
1,1,1-Trichloroethane	**110**		10	0.77	ug/L			04/04/18 01:57	2
1,4-Dioxane	ND		400	30	ug/L			04/04/18 01:57	2
1,1,2-Trichloroethane	ND		10	0.96	ug/L			04/04/18 01:57	2
Trichloroethylene	**8.3**	**J**	10	1.2	ug/L			04/04/18 01:57	2
Acetone	ND		50	4.0	ug/L			04/04/18 01:57	2
1,2-Dichloroethene, Total	ND		20	6.4	ug/L			04/04/18 01:57	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*68 - 130*		*04/04/18 01:57*	*2*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*04/04/18 01:57*	*2*
Toluene-d8 (Surr)	*96*		*77 - 120*		*04/04/18 01:57*	*2*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*04/04/18 01:57*	*2*

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

TestAmerica Job ID: 480-133464-1

Client Sample ID: AFTER BAG FILTERS
Date Collected: 04/02/18 10:35
Date Received: 04/03/18 01:00

Lab Sample ID: 480-133464-7
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		10	1.2	ug/L			04/04/18 02:21	2
Carbon tetrachloride	ND		10	1.0	ug/L			04/04/18 02:21	2
Chloroform	ND		10	1.1	ug/L			04/04/18 02:21	2
1,1-Dichloroethane	**25**		10	1.2	ug/L			04/04/18 02:21	2
1,2-Dichloroethane	ND		10	1.2	ug/L			04/04/18 02:21	2
1,1-Dichloroethylene	**29**		10	1.7	ug/L			04/04/18 02:21	2
Methylene Chloride	ND		10	1.6	ug/L			04/04/18 02:21	2
Toluene	ND		10	0.91	ug/L			04/04/18 02:21	2
1,1,1-Trichloroethane	**110**		10	0.77	ug/L			04/04/18 02:21	2
1,4-Dioxane	ND		400	30	ug/L			04/04/18 02:21	2
1,1,2-Trichloroethane	ND		10	0.96	ug/L			04/04/18 02:21	2
Trichloroethylene	**8.9**	**J**	10	1.2	ug/L			04/04/18 02:21	2
Acetone	**6.3**	**J**	50	4.0	ug/L			04/04/18 02:21	2
1,2-Dichloroethene, Total	ND		20	6.4	ug/L			04/04/18 02:21	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*68 - 130*		*04/04/18 02:21*	*2*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*04/04/18 02:21*	*2*
Toluene-d8 (Surr)	*97*		*77 - 120*		*04/04/18 02:21*	*2*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*04/04/18 02:21*	*2*

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

TestAmerica Job ID: 480-133464-1

Client Sample ID: DISCHARGE PUMP DRAIN
Date Collected: 04/02/18 10:40
Date Received: 04/03/18 01:00

Lab Sample ID: 480-133464-8
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			04/04/18 02:45	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/04/18 02:45	1
Chloroform	ND		5.0	0.54	ug/L			04/04/18 02:45	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/04/18 02:45	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/04/18 02:45	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			04/04/18 02:45	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/04/18 02:45	1
Toluene	ND		5.0	0.45	ug/L			04/04/18 02:45	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			04/04/18 02:45	1
1,4-Dioxane	ND		200	15	ug/L			04/04/18 02:45	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/04/18 02:45	1
Trichloroethylene	ND		5.0	0.60	ug/L			04/04/18 02:45	1
Acetone	**3.5**	**J**	25	2.0	ug/L			04/04/18 02:45	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/04/18 02:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*68 - 130*		*04/04/18 02:45*	*1*
4-Bromofluorobenzene (Surr)	*104*		*76 - 123*		*04/04/18 02:45*	*1*
Toluene-d8 (Surr)	*95*		*77 - 120*		*04/04/18 02:45*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*04/04/18 02:45*	*1*

Lab Chronicle

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

TestAmerica Job ID: 480-133464-1

Client Sample ID: 7R

Lab Sample ID: 480-133464-1

Date Collected: 04/02/18 10:20

Matrix: Water

Date Received: 04/03/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	407010	04/03/18 23:57	RLB	TAL BUF
Total/NA	Prep	200.7			407089	04/04/18 08:42	JAK	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	407322	04/04/18 15:47	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	407106	04/04/18 08:23	EKB	TAL BUF
Total/NA	Analysis	SM 2540D		1	407047	04/03/18 21:18	CDC	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	406958	04/03/18 10:48	AED	TAL BUF

Client Sample ID: ERT-1

Lab Sample ID: 480-133464-2

Date Collected: 04/02/18 10:15

Matrix: Water

Date Received: 04/03/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	407224	04/04/18 20:57	RLB	TAL BUF
Total/NA	Prep	200.7			407089	04/04/18 08:42	JAK	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	407322	04/04/18 16:05	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	407106	04/04/18 08:23	EKB	TAL BUF
Total/NA	Analysis	SM 2540D		1	407047	04/03/18 21:18	CDC	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	406958	04/03/18 10:51	AED	TAL BUF

Client Sample ID: 5R

Lab Sample ID: 480-133464-3

Date Collected: 04/02/18 10:10

Matrix: Water

Date Received: 04/03/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	407010	04/04/18 00:45	RLB	TAL BUF
Total/NA	Prep	200.7			407089	04/04/18 08:42	JAK	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	407322	04/04/18 16:09	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	407106	04/04/18 08:23	EKB	TAL BUF
Total/NA	Analysis	SM 2540D		1	407047	04/03/18 21:18	CDC	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	406958	04/03/18 10:54	AED	TAL BUF

Client Sample ID: COMBINED INFLUENT

Lab Sample ID: 480-133464-4

Date Collected: 04/02/18 10:05

Matrix: Water

Date Received: 04/03/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	407010	04/04/18 01:09	RLB	TAL BUF
Total/NA	Prep	200.7			407089	04/04/18 08:42	JAK	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	407322	04/04/18 16:24	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	407117	04/04/18 09:28	EKB	TAL BUF
Total/NA	Analysis	SM 2540D		1	407047	04/03/18 21:18	CDC	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-133464-1

Client Sample ID: COMBINED INFLUENT

Lab Sample ID: 480-133464-4

Date Collected: 04/02/18 10:05
Matrix: Water
Date Received: 04/03/18 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	406958	04/03/18 10:57	AED	TAL BUF

Client Sample ID: EFFLUENT

Lab Sample ID: 480-133464-5

Date Collected: 04/02/18 10:00
Matrix: Water
Date Received: 04/03/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	407010	04/04/18 01:33	RLB	TAL BUF
Total/NA	Prep	200.7			407089	04/04/18 08:42	JAK	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	407322	04/04/18 16:27	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	407117	04/04/18 09:28	EKB	TAL BUF
Total/NA	Analysis	SM 2540D		1	407047	04/03/18 21:18	CDC	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	406958	04/03/18 10:59	AED	TAL BUF

Client Sample ID: BATCH TANK

Lab Sample ID: 480-133464-6

Date Collected: 04/02/18 10:30
Matrix: Water
Date Received: 04/03/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		2	407010	04/04/18 01:57	RLB	TAL BUF

Client Sample ID: AFTER BAG FILTERS

Lab Sample ID: 480-133464-7

Date Collected: 04/02/18 10:35
Matrix: Water
Date Received: 04/03/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		2	407010	04/04/18 02:21	RLB	TAL BUF

Client Sample ID: DISCHARGE PUMP DRAIN

Lab Sample ID: 480-133464-8

Date Collected: 04/02/18 10:40
Matrix: Water
Date Received: 04/03/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	407010	04/04/18 02:45	RLB	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: 480-133464-1

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	03-31-18 *

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
624		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: 480-133464-1

Method	Method Description	Protocol	Laboratory
624	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

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: 480-133464-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-133464-1	7R	Water	04/02/18 10:20	04/03/18 01:00
480-133464-2	ERT-1	Water	04/02/18 10:15	04/03/18 01:00
480-133464-3	5R	Water	04/02/18 10:10	04/03/18 01:00
480-133464-4	COMBINED INFLUENT	Water	04/02/18 10:05	04/03/18 01:00
480-133464-5	EFFLUENT	Water	04/02/18 10:00	04/03/18 01:00
480-133464-6	BATCH TANK	Water	04/02/18 10:30	04/03/18 01:00
480-133464-7	AFTER BAG FILTERS	Water	04/02/18 10:35	04/03/18 01:00
480-133464-8	DISCHARGE PUMP DRAIN	Water	04/02/18 10:40	04/03/18 01:00

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

480501-Albany

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

480-133464 COC

Client Information	Sampler: John Stutzke	Lab PM: Stone, Judy L	Carr
Client Contact: Andrew Talbot	Phone:	E-Mail: judy.stone@testamericainc.com	
Company: Aztech Technologies Inc			
Address: 5 McCrea Hill Road	Due Date Requested:		
City: Ballston Spa	TAT Requested (days): Std		
State, Zip: NY, 12020			
Phone: 518-402-9813(Tel)	PO #: CallOut 121912		
Email: atalbot@aztechenv.com	WO #:		
Project Name: Mohonk Rd. #356023	Project #: 48005267		
Site:	SSOW#:		

COC No: 480-103112-15807.1
Page: Page 1 of 1
Job #:

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:

Analysis Request

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	2540C_Calcd - Total Dissolved Solids	SM4500_H+ - pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N	N	N		
7R	4/2	1020	G	Water			X	X	X	X	X		
ERT-1	4/2	1015	G	Water			X	X	X	X	X		
5R	4/2	1010	G	Water			X	X	X	X	X		
Combined Influent	4/2	1005	G	Water			X	X	X	X	X		
Effluent	4-2	1000	G	Water			X	X	X	X	X		
Batch Tank	4/2	1030		water				X				3	
After bag filters	4/2	1035		water				X				3	
Discharge pump drain	4/2	1040		water				X				3	

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: 4/2 1430	Company: AZTECH	Received by:	Date/Time: 4-2-18 1430	Company: TA		
Relinquished by: Karl Yaden	Date/Time: 4-2-18 1800	Company: TA	Received by:	Date/Time: 4-3-18 0100	Company: TA		
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:		

Custody Seals Intact: ∆ Yes ∆ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 0.8 #1

Ver: 08/04/2016

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-133464-1

Login Number: 133464

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

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.	False	LAB TO CHECK RC

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: 480-135427-1
Client Project/Site: Mohonk Rd. #356023

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, New York 12233-7017

Attn: Carl Hoffman

Authorized for release by:
5/17/2018 8:42:42 AM

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.

Judy Stone
Senior Project Manager
5/17/2018 8:42:42 AM

Table of Contents

Definitions/Glossary

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

TestAmerica Job ID: 480-135427-1

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: 480-135427-1

Job ID: 480-135427-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-135427-1

Receipt
The samples were received on 5/5/2018 1:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.0º 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: The following samples for metals were received unpreserved and were preserved upon receipt at the laboratory: 7R (480-135427-1), ERT-1 (480-135427-2), 5R (480-135427-3), COMBINED INFLUENT (480-135427-4), EFFLUENT (480-135427-5), (480-135427-C-1 MS) and (480-135427-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. The samples were preserved 5/8/18 at 1516. The second pHcheck was performed 5/10/18 at 0735.

No additional analytical or quality issues were noted, other than those described above or 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 (480-135427-1), ERT-1 (480-135427-2), 5R (480-135427-3), COMBINED INFLUENT (480-135427-4) and EFFLUENT (480-135427-5).

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

Client Sample Results

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

TestAmerica Job ID: 480-135427-1

Client Sample ID: 7R
Date Collected: 05/03/18 09:15
Date Received: 05/05/18 01:00

Lab Sample ID: 480-135427-1
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			05/11/18 03:34	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/11/18 03:34	1
Chloroform	ND		5.0	0.54	ug/L			05/11/18 03:34	1
1,1-Dichloroethane	**24**		5.0	0.59	ug/L			05/11/18 03:34	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/11/18 03:34	1
1,1-Dichloroethylene	**11**		5.0	0.85	ug/L			05/11/18 03:34	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/11/18 03:34	1
Toluene	ND		5.0	0.45	ug/L			05/11/18 03:34	1
1,1,1-Trichloroethane	**68**		5.0	0.39	ug/L			05/11/18 03:34	1
1,4-Dioxane	ND		200	15	ug/L			05/11/18 03:34	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/11/18 03:34	1
Trichloroethylene	**2.0**	**J**	5.0	0.60	ug/L			05/11/18 03:34	1
Acetone	ND		25	2.0	ug/L			05/11/18 03:34	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/11/18 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*68 - 130*		*05/11/18 03:34*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*05/11/18 03:34*	*1*
Toluene-d8 (Surr)	*99*		*77 - 120*		*05/11/18 03:34*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*05/11/18 03:34*	*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		05/10/18 08:37	05/11/18 03:55	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**418**		10.0	10.0	mg/L			05/09/18 19:39	1
Total Suspended Solids	ND		4.0	4.0	mg/L			05/10/18 09:07	1
pH	**7.3**	**HF**	0.1	0.1	SU			05/08/18 22:47	1
Temperature	**21.1**	**HF**	0.001	0.001	Degrees C			05/08/18 22:47	1

Client Sample Results

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

TestAmerica Job ID: 480-135427-1

Client Sample ID: ERT-1
Date Collected: 05/03/18 09:00
Date Received: 05/05/18 01:00

Lab Sample ID: 480-135427-2
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			05/11/18 03:58	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/11/18 03:58	1
Chloroform	ND		5.0	0.54	ug/L			05/11/18 03:58	1
1,1-Dichloroethane	**11**		5.0	0.59	ug/L			05/11/18 03:58	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/11/18 03:58	1
1,1-Dichloroethylene	**25**		5.0	0.85	ug/L			05/11/18 03:58	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/11/18 03:58	1
Toluene	ND		5.0	0.45	ug/L			05/11/18 03:58	1
1,1,1-Trichloroethane	**78**		5.0	0.39	ug/L			05/11/18 03:58	1
1,4-Dioxane	ND		200	15	ug/L			05/11/18 03:58	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/11/18 03:58	1
Trichloroethylene	**7.7**		5.0	0.60	ug/L			05/11/18 03:58	1
Acetone	**2.0**	**J**	25	2.0	ug/L			05/11/18 03:58	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/11/18 03:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*68 - 130*		*05/11/18 03:58*	*1*
4-Bromofluorobenzene (Surr)	*102*		*76 - 123*		*05/11/18 03:58*	*1*
Toluene-d8 (Surr)	*100*		*77 - 120*		*05/11/18 03:58*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*05/11/18 03:58*	*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		05/10/18 08:37	05/11/18 04:24	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**411**		10.0	10.0	mg/L			05/09/18 19:39	1
Total Suspended Solids	ND		4.0	4.0	mg/L			05/10/18 09:07	1
pH	**7.1**	**HF**	0.1	0.1	SU			05/08/18 22:50	1
Temperature	**21.2**	**HF**	0.001	0.001	Degrees C			05/08/18 22:50	1

Client Sample Results

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

TestAmerica Job ID: 480-135427-1

Client Sample ID: 5R
Date Collected: 05/03/18 08:45
Date Received: 05/05/18 01:00

Lab Sample ID: 480-135427-3
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			05/11/18 04:22	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/11/18 04:22	1
Chloroform	ND		5.0	0.54	ug/L			05/11/18 04:22	1
1,1-Dichloroethane	**1.9**	**J**	5.0	0.59	ug/L			05/11/18 04:22	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/11/18 04:22	1
1,1-Dichloroethylene	**8.3**		5.0	0.85	ug/L			05/11/18 04:22	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/11/18 04:22	1
Toluene	ND		5.0	0.45	ug/L			05/11/18 04:22	1
1,1,1-Trichloroethane	**32**		5.0	0.39	ug/L			05/11/18 04:22	1
1,4-Dioxane	ND		200	15	ug/L			05/11/18 04:22	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/11/18 04:22	1
Trichloroethylene	**3.3**	**J**	5.0	0.60	ug/L			05/11/18 04:22	1
Acetone	ND		25	2.0	ug/L			05/11/18 04:22	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/11/18 04:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*68 - 130*		*05/11/18 04:22*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*05/11/18 04:22*	*1*
Toluene-d8 (Surr)	*99*		*77 - 120*		*05/11/18 04:22*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*05/11/18 04:22*	*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		05/10/18 08:37	05/11/18 04:27	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**391**		10.0	10.0	mg/L			05/09/18 19:39	1
Total Suspended Solids	ND		4.0	4.0	mg/L			05/10/18 09:07	1
pH	**7.2**	**HF**	0.1	0.1	SU			05/08/18 22:53	1
Temperature	**21.4**	**HF**	0.001	0.001	Degrees C			05/08/18 22:53	1

Client Sample ID: COMBINED INFLUENT

Lab Sample ID: 480-135427-4

Date Collected: 05/03/18 08:30

Matrix: Water

Date Received: 05/05/18 01:00

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			05/11/18 04:46	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/11/18 04:46	1
Chloroform	ND		5.0	0.54	ug/L			05/11/18 04:46	1
1,1-Dichloroethane	**12**		5.0	0.59	ug/L			05/11/18 04:46	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/11/18 04:46	1
1,1-Dichloroethylene	**15**		5.0	0.85	ug/L			05/11/18 04:46	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/11/18 04:46	1
Toluene	ND		5.0	0.45	ug/L			05/11/18 04:46	1
1,1,1-Trichloroethane	**61**		5.0	0.39	ug/L			05/11/18 04:46	1
1,4-Dioxane	ND		200	15	ug/L			05/11/18 04:46	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/11/18 04:46	1
Trichloroethylene	**4.5**	**J**	5.0	0.60	ug/L			05/11/18 04:46	1
Acetone	**3.4**	**J**	25	2.0	ug/L			05/11/18 04:46	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/11/18 04:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*68 - 130*		*05/11/18 04:46*	*1*
4-Bromofluorobenzene (Surr)	*101*		*76 - 123*		*05/11/18 04:46*	*1*
Toluene-d8 (Surr)	*98*		*77 - 120*		*05/11/18 04:46*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*05/11/18 04:46*	*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		05/10/18 08:37	05/11/18 04:31	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**395**		10.0	10.0	mg/L			05/09/18 19:39	1
Total Suspended Solids	ND		4.0	4.0	mg/L			05/10/18 09:07	1
pH	**7.3**	**HF**	0.1	0.1	SU			05/08/18 22:57	1
Temperature	**21.2**	**HF**	0.001	0.001	Degrees C			05/08/18 22:57	1

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

TestAmerica Job ID: 480-135427-1

Client Sample ID: EFFLUENT
Date Collected: 05/03/18 08:20
Date Received: 05/05/18 01:00

Lab Sample ID: 480-135427-5
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			05/11/18 05:10	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			05/11/18 05:10	1
Chloroform	ND		5.0	0.54	ug/L			05/11/18 05:10	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			05/11/18 05:10	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			05/11/18 05:10	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			05/11/18 05:10	1
Methylene Chloride	ND		5.0	0.81	ug/L			05/11/18 05:10	1
Toluene	ND		5.0	0.45	ug/L			05/11/18 05:10	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			05/11/18 05:10	1
1,4-Dioxane	ND		200	15	ug/L			05/11/18 05:10	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			05/11/18 05:10	1
Trichloroethylene	ND		5.0	0.60	ug/L			05/11/18 05:10	1
Acetone	**2.7**	**J**	25	2.0	ug/L			05/11/18 05:10	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			05/11/18 05:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*68 - 130*		*05/11/18 05:10*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 123*		*05/11/18 05:10*	*1*
Toluene-d8 (Surr)	*101*		*77 - 120*		*05/11/18 05:10*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*05/11/18 05:10*	*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		05/10/18 08:37	05/11/18 04:35	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**402**		10.0	10.0	mg/L			05/09/18 19:39	1
Total Suspended Solids	**6.0**		4.0	4.0	mg/L			05/10/18 09:07	1
pH	**8.3**	**HF**	0.1	0.1	SU			05/08/18 23:00	1
Temperature	**21.1**	**HF**	0.001	0.001	Degrees C			05/08/18 23:00	1

Lab Chronicle

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

TestAmerica Job ID: 480-135427-1

Client Sample ID: 7R
Lab Sample ID: 480-135427-1
Date Collected: 05/03/18 09:15
Matrix: Water
Date Received: 05/05/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	413742	05/11/18 03:34	RLB	TAL BUF
Total/NA	Prep	200.7			413450	05/10/18 08:37	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	413798	05/11/18 03:55	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	517831	05/09/18 19:39	LRW	TAL EDI
Total/NA	Analysis	SM 2540D		1	413548	05/10/18 09:07	CDC	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	413306	05/08/18 22:47	DSC	TAL BUF

Client Sample ID: ERT-1
Lab Sample ID: 480-135427-2
Date Collected: 05/03/18 09:00
Matrix: Water
Date Received: 05/05/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	413742	05/11/18 03:58	RLB	TAL BUF
Total/NA	Prep	200.7			413450	05/10/18 08:37	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	413798	05/11/18 04:24	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	517831	05/09/18 19:39	LRW	TAL EDI
Total/NA	Analysis	SM 2540D		1	413548	05/10/18 09:07	CDC	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	413306	05/08/18 22:50	DSC	TAL BUF

Client Sample ID: 5R
Lab Sample ID: 480-135427-3
Date Collected: 05/03/18 08:45
Matrix: Water
Date Received: 05/05/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	413742	05/11/18 04:22	RLB	TAL BUF
Total/NA	Prep	200.7			413450	05/10/18 08:37	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	413798	05/11/18 04:27	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	517831	05/09/18 19:39	LRW	TAL EDI
Total/NA	Analysis	SM 2540D		1	413548	05/10/18 09:07	CDC	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	413306	05/08/18 22:53	DSC	TAL BUF

Client Sample ID: COMBINED INFLUENT
Lab Sample ID: 480-135427-4
Date Collected: 05/03/18 08:30
Matrix: Water
Date Received: 05/05/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	413742	05/11/18 04:46	RLB	TAL BUF
Total/NA	Prep	200.7			413450	05/10/18 08:37	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	413798	05/11/18 04:31	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	517831	05/09/18 19:39	LRW	TAL EDI
Total/NA	Analysis	SM 2540D		1	413548	05/10/18 09:07	CDC	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-135427-1

Client Sample ID: COMBINED INFLUENT

Lab Sample ID: 480-135427-4

Date Collected: 05/03/18 08:30

Matrix: Water

Date Received: 05/05/18 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	413306	05/08/18 22:57	DSC	TAL BUF

Client Sample ID: EFFLUENT

Lab Sample ID: 480-135427-5

Date Collected: 05/03/18 08:20

Matrix: Water

Date Received: 05/05/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	413742	05/11/18 05:10	RLB	TAL BUF
Total/NA	Prep	200.7			413450	05/10/18 08:37	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	413798	05/11/18 04:35	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	517831	05/09/18 19:39	LRW	TAL EDI
Total/NA	Analysis	SM 2540D		1	413548	05/10/18 09:07	CDC	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	413306	05/08/18 23:00	DSC	TAL BUF

Laboratory References:

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

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

Accreditation/Certification Summary

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

TestAmerica Job ID: 480-135427-1

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	03-31-18 *

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
624		Water	1,4-Dioxane
SM 4500 H+ B		Water	pH
SM 4500 H+ B		Water	Temperature

Laboratory: TestAmerica Edison

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11452	04-01-19

* 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: 480-135427-1

Method	Method Description	Protocol	Laboratory
624	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 EDI
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
TAL EDI = 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

TestAmerica Job ID: 480-135427-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-135427-1	7R	Water	05/03/18 09:15	05/05/18 01:00
480-135427-2	ERT-1	Water	05/03/18 09:00	05/05/18 01:00
480-135427-3	5R	Water	05/03/18 08:45	05/05/18 01:00
480-135427-4	COMBINED INFLUENT	Water	05/03/18 08:30	05/05/18 01:00
480-135427-5	EFFLUENT	Water	05/03/18 08:20	05/05/18 01:00

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

480501-Albany

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

480-135427 COC

Client Information	Sampler: CARL ALDRICH	Lab PM: Stone, Judy L	COC No: 480-103113-15807.1
Client Contact: Andrew Talbot	Phone: 518 470 3072	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: 518-402-9813(Tel)	PO #: CallOut 121912		
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	624_5ml - (MOD) Priority Pollutant List - VOA - 62	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	SM4500_H+ - pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	A	N	N	N		
7R	5-3-18	0915	G	Water			X	X	X	X	X		
ERT-1	5-3-18	0900	G	Water			X	X	X	X	X		
5R	5318	845	G	Water			X	X	X	X	X		
Combined Influent	5318	830	G	Water			X	X	X	X	X		
Effluent	5318	820	G	Water			X	X	X	X	X		
RZ	5-4-18												

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
	5318 230	DZTLCH		5-4-18 0700	TA
Relinquished by: Karl Jordan	Date/Time: 5-4-18 1800	Company TA	Received by:	Date/Time: 5-5-18 0100	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: 1.0 #1

Ver: 08/04/2016

5/17/2018

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

5/17/2018

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-42032.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: judy.stone@testamericainc.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-135427-1
Address: 777 New Durham Road, ,	Due Date Requested: 5/30/2018			
City: Edison	TAT Requested (days):			
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email:	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 - Client ID (Lab ID)	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)	2540C	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
7R (480-135427-1)	5/3/18	09:15 Eastern		Water			X	1	
ERT-1 (480-135427-2)	5/3/18	09:00 Eastern		Water			X	1	
5R (480-135427-3)	5/3/18	08:45 Eastern		Water			X	1	
COMBINED INFLUENT (480-135427-4)	5/3/18	08:30 Eastern		Water			X	1	
EFFLUENT (480-135427-5)	5/3/18	08:20 Eastern		Water			X	1	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	5/7/18 1700	TAB	Diana Fernandez	5/8/18 930	TAB
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	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:

Ver: 09/20/2016

T, IR#11
1.8

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-135427-1

Login Number: 135427
List Number: 1
Creator: Williams, Christopher S

List Source: TestAmerica Buffalo

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.	False	LAB TO CHECK RC

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-135427-1

Login Number: 135427
List Number: 2
Creator: Armbruster, Chris

List Source: TestAmerica Edison
List Creation: 05/08/18 10:25 AM

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.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	1.8°C IR11
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.	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	
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	

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: 480-137179-1
Client Project/Site: Mohonk Rd. #356023

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, New York 12233-7017

Attn: Carl Hoffman

Sally J Hoffman

Authorized for release by:
6/23/2018 9:43:03 AM
Sally Hoffman, Project Management Assistant I
(716)504-9839
sally.hoffman@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.

Sally Hoffman
Project Management Assistant I
6/23/2018 9:43:03 AM

Table of Contents

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

TestAmerica Job ID: 480-137179-1

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)

Job ID: 480-137179-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-137179-1

Receipt
The samples were received on 6/9/2018 1:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.2º 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) 9040B, 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 (480-137179-1), ERT-1 (480-137179-2), 5R (480-137179-3), COMBINED INFLUENT (480-137179-4) and EFFLUENT (480-137179-5).

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

TestAmerica Job ID: 480-137179-1

Client Sample ID: 7R
Date Collected: 06/08/18 10:00
Date Received: 06/09/18 01:00

Lab Sample ID: 480-137179-1
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			06/11/18 19:31	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/11/18 19:31	1
Chloroform	ND		5.0	0.54	ug/L			06/11/18 19:31	1
1,1-Dichloroethane	**27**		5.0	0.59	ug/L			06/11/18 19:31	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/11/18 19:31	1
1,1-Dichloroethylene	**11**		5.0	0.85	ug/L			06/11/18 19:31	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/11/18 19:31	1
Toluene	ND		5.0	0.45	ug/L			06/11/18 19:31	1
1,1,1-Trichloroethane	**70**		5.0	0.39	ug/L			06/11/18 19:31	1
1,4-Dioxane	ND		200	15	ug/L			06/11/18 19:31	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/11/18 19:31	1
Trichloroethylene	**1.3**	**J**	5.0	0.60	ug/L			06/11/18 19:31	1
Acetone	ND		25	2.0	ug/L			06/11/18 19:31	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/11/18 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*68 - 130*		*06/11/18 19:31*	*1*
4-Bromofluorobenzene (Surr)	*97*		*76 - 123*		*06/11/18 19:31*	*1*
Toluene-d8 (Surr)	*95*		*77 - 120*		*06/11/18 19:31*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*06/11/18 19:31*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.14**		0.050	0.019	mg/L		06/13/18 13:01	06/13/18 22:53	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**468**		10.0	10.0	mg/L			06/15/18 09:58	1
Total Suspended Solids	ND		4.0	4.0	mg/L			06/14/18 18:01	1
pH	**7.5**	**HF**	0.1	0.1	SU			06/13/18 14:11	1
Temperature	**20.0**	**HF**	0.001	0.001	Degrees C			06/13/18 14:11	1

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

TestAmerica Job ID: 480-137179-1

Client Sample ID: ERT-1
Date Collected: 06/08/18 10:05
Date Received: 06/09/18 01:00

Lab Sample ID: 480-137179-2
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			06/11/18 19:54	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/11/18 19:54	1
Chloroform	ND		5.0	0.54	ug/L			06/11/18 19:54	1
1,1-Dichloroethane	**11**		5.0	0.59	ug/L			06/11/18 19:54	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/11/18 19:54	1
1,1-Dichloroethylene	**23**		5.0	0.85	ug/L			06/11/18 19:54	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/11/18 19:54	1
Toluene	ND		5.0	0.45	ug/L			06/11/18 19:54	1
1,1,1-Trichloroethane	**71**		5.0	0.39	ug/L			06/11/18 19:54	1
1,4-Dioxane	ND		200	15	ug/L			06/11/18 19:54	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/11/18 19:54	1
Trichloroethylene	**7.1**		5.0	0.60	ug/L			06/11/18 19:54	1
Acetone	**2.0**	**J**	25	2.0	ug/L			06/11/18 19:54	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/11/18 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*68 - 130*		*06/11/18 19:54*	*1*
4-Bromofluorobenzene (Surr)	*98*		*76 - 123*		*06/11/18 19:54*	*1*
Toluene-d8 (Surr)	*96*		*77 - 120*		*06/11/18 19:54*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*06/11/18 19:54*	*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		06/13/18 13:01	06/13/18 23:22	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**431**		10.0	10.0	mg/L			06/15/18 09:58	1
Total Suspended Solids	ND		4.0	4.0	mg/L			06/14/18 18:01	1
pH	**7.2**	**HF**	0.1	0.1	SU			06/13/18 14:13	1
Temperature	**19.9**	**HF**	0.001	0.001	Degrees C			06/13/18 14:13	1

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

TestAmerica Job ID: 480-137179-1

Client Sample ID: 5R
Date Collected: 06/08/18 10:10
Date Received: 06/09/18 01:00

Lab Sample ID: 480-137179-3
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			06/11/18 20:19	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/11/18 20:19	1
Chloroform	ND		5.0	0.54	ug/L			06/11/18 20:19	1
1,1-Dichloroethane	**1.8**	**J**	5.0	0.59	ug/L			06/11/18 20:19	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/11/18 20:19	1
1,1-Dichloroethylene	**6.7**		5.0	0.85	ug/L			06/11/18 20:19	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/11/18 20:19	1
Toluene	ND		5.0	0.45	ug/L			06/11/18 20:19	1
1,1,1-Trichloroethane	**19**		5.0	0.39	ug/L			06/11/18 20:19	1
1,4-Dioxane	ND		200	15	ug/L			06/11/18 20:19	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/11/18 20:19	1
Trichloroethylene	**3.7**	**J**	5.0	0.60	ug/L			06/11/18 20:19	1
Acetone	ND		25	2.0	ug/L			06/11/18 20:19	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/11/18 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*68 - 130*		*06/11/18 20:19*	*1*
4-Bromofluorobenzene (Surr)	*94*		*76 - 123*		*06/11/18 20:19*	*1*
Toluene-d8 (Surr)	*93*		*77 - 120*		*06/11/18 20:19*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*06/11/18 20:19*	*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		06/13/18 13:01	06/13/18 23:25	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**608**		20.0	20.0	mg/L			06/15/18 09:58	1
Total Suspended Solids	ND		4.0	4.0	mg/L			06/14/18 18:01	1
pH	**7.6**	**HF**	0.1	0.1	SU			06/13/18 14:16	1
Temperature	**20.1**	**HF**	0.001	0.001	Degrees C			06/13/18 14:16	1

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

TestAmerica Job ID: 480-137179-1

Client Sample ID: COMBINED INFLUENT
Date Collected: 06/08/18 10:15
Date Received: 06/09/18 01:00

Lab Sample ID: 480-137179-4
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			06/11/18 20:42	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/11/18 20:42	1
Chloroform	ND		5.0	0.54	ug/L			06/11/18 20:42	1
1,1-Dichloroethane	**13**		5.0	0.59	ug/L			06/11/18 20:42	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/11/18 20:42	1
1,1-Dichloroethylene	**13**		5.0	0.85	ug/L			06/11/18 20:42	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/11/18 20:42	1
Toluene	ND		5.0	0.45	ug/L			06/11/18 20:42	1
1,1,1-Trichloroethane	**51**		5.0	0.39	ug/L			06/11/18 20:42	1
1,4-Dioxane	ND		200	15	ug/L			06/11/18 20:42	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/11/18 20:42	1
Trichloroethylene	**4.0**	**J**	5.0	0.60	ug/L			06/11/18 20:42	1
Acetone	ND		25	2.0	ug/L			06/11/18 20:42	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/11/18 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*68 - 130*		*06/11/18 20:42*	*1*
4-Bromofluorobenzene (Surr)	*97*		*76 - 123*		*06/11/18 20:42*	*1*
Toluene-d8 (Surr)	*96*		*77 - 120*		*06/11/18 20:42*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*06/11/18 20:42*	*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		06/13/18 13:01	06/13/18 23:29	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**495**		10.0	10.0	mg/L			06/15/18 09:58	1
Total Suspended Solids	ND		4.0	4.0	mg/L			06/14/18 18:01	1
pH	**7.5**	**HF**	0.1	0.1	SU			06/13/18 14:20	1
Temperature	**20.6**	**HF**	0.001	0.001	Degrees C			06/13/18 14:20	1

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

TestAmerica Job ID: 480-137179-1

Client Sample ID: EFFLUENT
Date Collected: 06/08/18 10:20
Date Received: 06/09/18 01:00

Lab Sample ID: 480-137179-5
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.60	ug/L			06/11/18 21:06	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			06/11/18 21:06	1
Chloroform	ND		5.0	0.54	ug/L			06/11/18 21:06	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			06/11/18 21:06	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			06/11/18 21:06	1
1,1-Dichloroethylene	ND		5.0	0.85	ug/L			06/11/18 21:06	1
Methylene Chloride	ND		5.0	0.81	ug/L			06/11/18 21:06	1
Toluene	ND		5.0	0.45	ug/L			06/11/18 21:06	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			06/11/18 21:06	1
1,4-Dioxane	ND		200	15	ug/L			06/11/18 21:06	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			06/11/18 21:06	1
Trichloroethylene	ND		5.0	0.60	ug/L			06/11/18 21:06	1
Acetone	**3.9**	**J**	25	2.0	ug/L			06/11/18 21:06	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			06/11/18 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*68 - 130*		*06/11/18 21:06*	*1*
4-Bromofluorobenzene (Surr)	*97*		*76 - 123*		*06/11/18 21:06*	*1*
Toluene-d8 (Surr)	*96*		*77 - 120*		*06/11/18 21:06*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*06/11/18 21:06*	*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		06/13/18 13:01	06/13/18 23:33	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**493**		10.0	10.0	mg/L			06/15/18 09:58	1
Total Suspended Solids	ND		4.0	4.0	mg/L			06/14/18 18:01	1
pH	**8.2**	**HF**	0.1	0.1	SU			06/13/18 14:22	1
Temperature	**20.7**	**HF**	0.001	0.001	Degrees C			06/13/18 14:22	1

Lab Chronicle

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

TestAmerica Job ID: 480-137179-1

Client Sample ID: 7R

Lab Sample ID: 480-137179-1

Date Collected: 06/08/18 10:00
Matrix: Water
Date Received: 06/09/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	419015	06/11/18 19:31	RLB	TAL BUF
Total/NA	Prep	200.7			419210	06/13/18 13:01	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	419558	06/13/18 22:53	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	528126	06/15/18 09:58	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	419694	06/14/18 18:01	MAB	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	419451	06/13/18 14:11	JAH	TAL BUF

Client Sample ID: ERT-1

Lab Sample ID: 480-137179-2

Date Collected: 06/08/18 10:05
Matrix: Water
Date Received: 06/09/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	419015	06/11/18 19:54	RLB	TAL BUF
Total/NA	Prep	200.7			419210	06/13/18 13:01	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	419558	06/13/18 23:22	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	528126	06/15/18 09:58	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	419694	06/14/18 18:01	MAB	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	419451	06/13/18 14:13	JAH	TAL BUF

Client Sample ID: 5R

Lab Sample ID: 480-137179-3

Date Collected: 06/08/18 10:10
Matrix: Water
Date Received: 06/09/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	419015	06/11/18 20:19	RLB	TAL BUF
Total/NA	Prep	200.7			419210	06/13/18 13:01	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	419558	06/13/18 23:25	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	528126	06/15/18 09:58	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	419694	06/14/18 18:01	MAB	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	419451	06/13/18 14:16	JAH	TAL BUF

Client Sample ID: COMBINED INFLUENT

Lab Sample ID: 480-137179-4

Date Collected: 06/08/18 10:15
Matrix: Water
Date Received: 06/09/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	419015	06/11/18 20:42	RLB	TAL BUF
Total/NA	Prep	200.7			419210	06/13/18 13:01	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	419558	06/13/18 23:29	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	528126	06/15/18 09:58	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	419694	06/14/18 18:01	MAB	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-137179-1

Client Sample ID: COMBINED INFLUENT

Lab Sample ID: 480-137179-4

Date Collected: 06/08/18 10:15

Matrix: Water

Date Received: 06/09/18 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	419451	06/13/18 14:20	JAH	TAL BUF

Client Sample ID: EFFLUENT

Lab Sample ID: 480-137179-5

Date Collected: 06/08/18 10:20

Matrix: Water

Date Received: 06/09/18 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	419015	06/11/18 21:06	RLB	TAL BUF
Total/NA	Prep	200.7			419210	06/13/18 13:01	KMP	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	419558	06/13/18 23:33	LMH	TAL BUF
Total/NA	Analysis	SM 2540C		1	528126	06/15/18 09:58	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	419694	06/14/18 18:01	MAB	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	419451	06/13/18 14:22	JAH	TAL BUF

Laboratory References:

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

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

Accreditation/Certification Summary

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

TestAmerica Job ID: 480-137179-1

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	03-31-18 *

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
624		Water	1,4-Dioxane
SM 4500 H+ B		Water	pH
SM 4500 H+ B		Water	Temperature

Laboratory: TestAmerica Edison

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11452	04-01-19

* 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: 480-137179-1

Method	Method Description	Protocol	Laboratory
624	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 EDI
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
TAL EDI = 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

TestAmerica Job ID: 480-137179-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-137179-1	7R	Water	06/08/18 10:00	06/09/18 01:00
480-137179-2	ERT-1	Water	06/08/18 10:05	06/09/18 01:00
480-137179-3	5R	Water	06/08/18 10:10	06/09/18 01:00
480-137179-4	COMBINED INFLUENT	Water	06/08/18 10:15	06/09/18 01:00
480-137179-5	EFFLUENT	Water	06/08/18 10:20	06/09/18 01:00

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

480501-Albany

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

480-137179 COC

Client Information	Sampler: Michael Doyette	Lab PM: Stone, Judy L	COC No: 480-108473-15807.1
Client Contact: Andrew Talbot	Phone:	E-Mail: judy.stone@testamericainc.com	Page: Page 1 of 1
Company: Aztech Technologies Inc		Analysis Requested	Job #:
Address: 5 McCrea Hill Road	Due Date Requested:		Preservation Codes:
City: Ballston Spa	TAT Requested (days): STD		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: 518-402-9813(Tel)	PO #: CallOut 121912		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	624_5ml - (MOD) Priority Pollutant List - VOA - 62	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	SM4500_H+ - pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N	N	N		
7R	6/8/18	10:00	Grab	Water	N	N	X	X	X	X	X	7	
ERT-1	6/8/18	10:05	Grab	Water	N	N	X	X	X	X	X	7	
5R	6/8/18	10:10	Grab	Water	N	N	X	X	X	X	X	7	
Combined Influent	6/8/18	10:15	Grab	Water	N	N	X	X	X	X	X	7	
Effluent	6/8/18	10:20	Grab	Water	N	N	X	X	X	X	X	7	

KZ 6-8-18

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
Michael Doyette	6/8/18 14:37	Aztech	Yael Zaslow	6-8-18 1437	TA
Relinquished by: Ral Zaslow	Date/Time: 6-8-18 1800	Company TA	Received by:	Date/Time: 6-9-18 0100	Company TA
Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		0.2 #1

Ver: 08/04/2016

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

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6/23/2018

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-42812.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: judy.stone@testamericainc.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-137179-1
Address: 777 New Durham Road, ,	Due Date Requested: 7/4/2018			
City: Edison	TAT Requested (days):			
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email:	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 - Client ID (Lab ID)	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)	2540C	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
7R (480-137179-1)	6/8/18	10:00 Eastern		Water			X	1	
ERT-1 (480-137179-2)	6/8/18	10:05 Eastern		Water			X	1	
5R (480-137179-3)	6/8/18	10:10 Eastern		Water			X	1	
COMBINED INFLUENT (480-137179-4)	6/8/18	10:15 Eastern		Water			X	1	
EFFLUENT (480-137179-5)	6/8/18	10:20 Eastern		Water			X	1	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	6/11/18 1620	TAL	via FedEx	6/12/18 0900	TAL Ed.
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.: 010035	Cooler Temperature(s) °C and Other Remarks: 2.1°C IR11

Ver: 09/20/2016

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-137179-1

Login Number: 137179

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

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.	False	LAB TO CHECK RC

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-137179-1

Login Number: 137179
List Number: 2
Creator: Armbruster, Chris

List Source: TestAmerica Edison
List Creation: 06/12/18 11:54 AM

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	010035
Sample custody seals, if present, are intact.	N/A	
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	2.1°C IR11
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.	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	
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	