O'neill, Christopher (DEC)

From: Randy Hoose <rhoose@aztechenv.com>
Sent: Friday, November 22, 2019 2:46 PM
To: O'neill, Christopher (DEC)
Cc: Mark Hulbert; Fil Fina 3
Subject: Valatie Village Plaza
Attachments: report.HW411016.2019-11-22.VVP.Semi-Annual GW Sampling Report (OCT-2019).pdf

Chris – Attached are the analytical results for the October-2019 semi-annual GW sampling event at the Valatie Village Plaza…

Please call if you have any questions…

…and have a good weekend…

Randy Hoose, P.G.

Sr. Hydrogeologist/Project Manager
5 McCrea Hill Road | Ballston Spa, NY 12020 | 518.885.5383 (o) | 518.470.3057 (c)
rhoose@aztechenv.com | www.aztechenv.com

Aztech Environmental Technologies

Remediation Solutions | Environmental Consulting | Drilling Applications

Aztech
Engineering, P.C.

5 McCrea Hill Road
Ballston Spa
New York 12020

Phone: 518-885-5383
Fax: 518-885-5385
www.aztechtech.com

November 22, 2019

Christopher O'Neill, PE
NYSDEC Region 4
1130 North Westcott Road
Schenectady, New York 12306-2014

Re: **Semi-Annual Groundwater Sampling Report**
October, 2019 Sampling
NYSDEC Site No. 4-11-016
Valatie Village Plaza, LLC (f.k.a. Emkay Cleaners)
1048 Kinderhook Street (NYS Route 9), Valatie, New York 12184

Dear Mr. O'Neill,

This correspondence has been prepared by Aztech Engineering Services, P.C. (Aztech), on behalf of Valatie Village Plaza, LLC (VVP), to detail the semi-annual sampling event conducted pursuant to the August 5, 2015 Site Management Plan for the above referenced site (**Figure 1**). This reporting includes the semi-annual sampling event conducted on October 21, 2019.

Groundwater Monitoring Well Gauging

Monitoring well gauging is performed during each sampling event in order to track the groundwater elevation at various times during the year. The groundwater elevation for each monitoring well is calculated based on the relative elevation of the top of casing (TOC) and the depth to groundwater. A complete site survey was previously performed by Aztech and a site benchmark was assigned an elevation of 100.00 feet. All groundwater elevations are calculated relative to this benchmark.

On October 21, 2019, groundwater monitoring wells EM MW-1, EM MW-2, EM MW-3, EM MW-4, EM MW-5, EM MW-6, EM MW-7, EM MW-8, EM MW-9 and EM MW-10 were located and opened. After the wells were accessed, the groundwater levels were allowed to equilibrate with atmospheric conditions. A water level indicator graduated to 0.01 feet was used to measure depth to groundwater in each of the accessible monitoring wells. Wells EM MW-7, EM MW-8, EM MW-9 and EM MW-10 were found to be dry. Well EM MW-11 is considered to be destroyed. A summary of historic groundwater elevation data is presented in the **Summary of Groundwater Elevations** included in **Attachment A**.

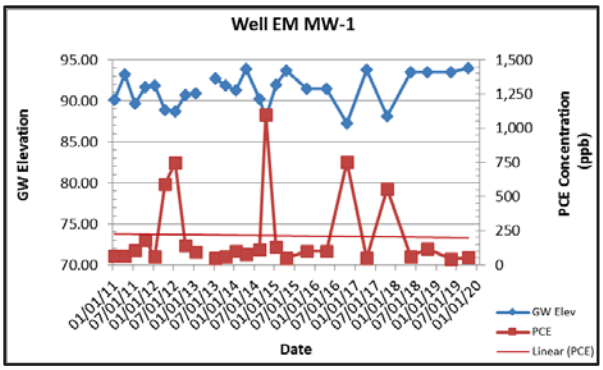
Groundwater Monitoring Well Sampling

Groundwater samples were obtained during the sampling event from each monitoring well containing sufficient volume for groundwater sampling. That included the six (6) wells sampled on

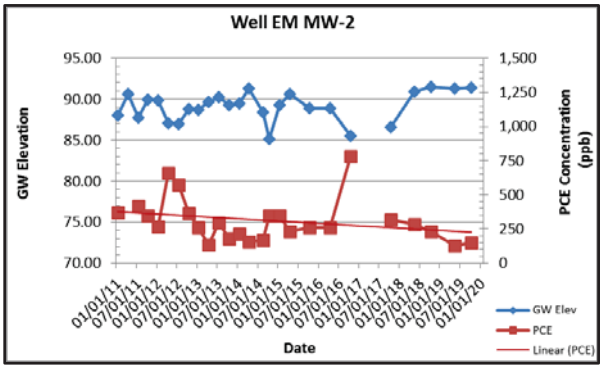
that date (EM MW-1, EM MW-2, EM MW-3, EM MW-4, EM MW-5 and EM MW-6). Based on the depth to water and the known total depth of each well, the volume of groundwater within each casing was calculated. Three (3) volumes of groundwater were purged from each monitoring well using dedicated, disposable bailers to ensure collection of representative samples. The wells were allowed to recharge prior to sample collection. Groundwater samples were placed in pre-preserved, laboratory-supplied sampling vials with dilute hydrochloric acid, placed on ice in a cooler, and transported under a chain of custody to ALS Environmental laboratory located in Rochester, NY for analysis. The samples were analyzed within applicable holding times for the full list of volatile organic compounds (VOCs) via Environmental Protection Agency (EPA) analytical method 8260.

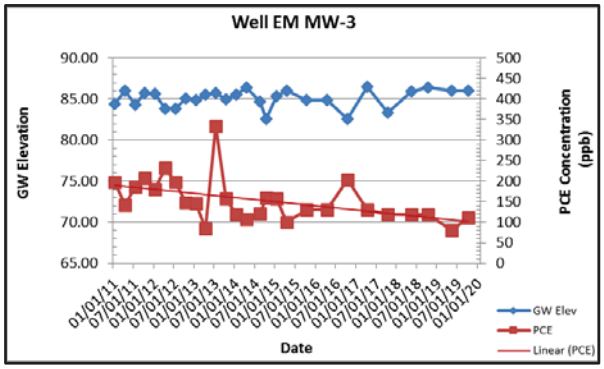
The laboratory analytical results for the sampling event reported herein, as well as previous sampling events, are summarized in the **Historic Summary of Groundwater Analytical Results** (included in Attachment A). Concentrations of tetrachloroethene (PCE) were identified in excess of the NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1) groundwater standard of 5.0 micrograms per liter (ug/l) in five (5) of the six (6) monitoring wells sampled. Where detected, PCE concentrations ranged from 1.8 micrograms per liter (ug/l) (EM-MW-5) to 150 ug/l (EM MW-2).

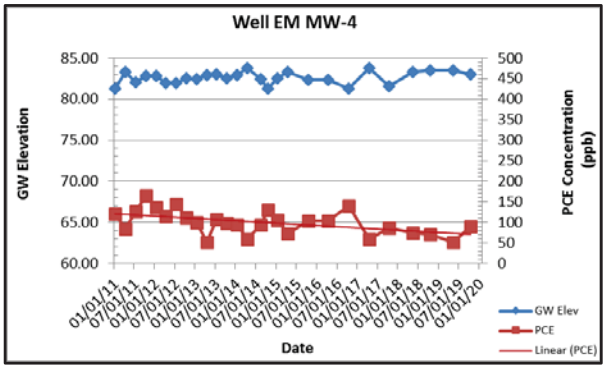
The charts presented herein depict the trends in PCE concentration and groundwater elevation for wells EM MW-1, EM MW-2, EM MW-3 and EM MW-4 since January 2011. As indicated thereon, the analytical results for well EM MW-1 suggest that when the groundwater elevation approaches 89-feet (or lower), that PCE concentrations tend to spike in excess of 500 ug/l. Overall, PCE concentrations in well EM MW-1 are fluctuating within the historic range.



Likewise, PCE concentrations in monitoring wells EM MW-2, EM MW-3 and EM MW-4 are fluctuating within their historic range and, are following an overall decreasing trend. The laboratory analytical report associated with the October 21, 2019 sampling event is included as **Attachment B**.







The next semi-annual groundwater sampling event will be conducted in April, 2020.

If there are any questions regarding the enclosed, please don't hesitate to contact us at (518) 885-5383.

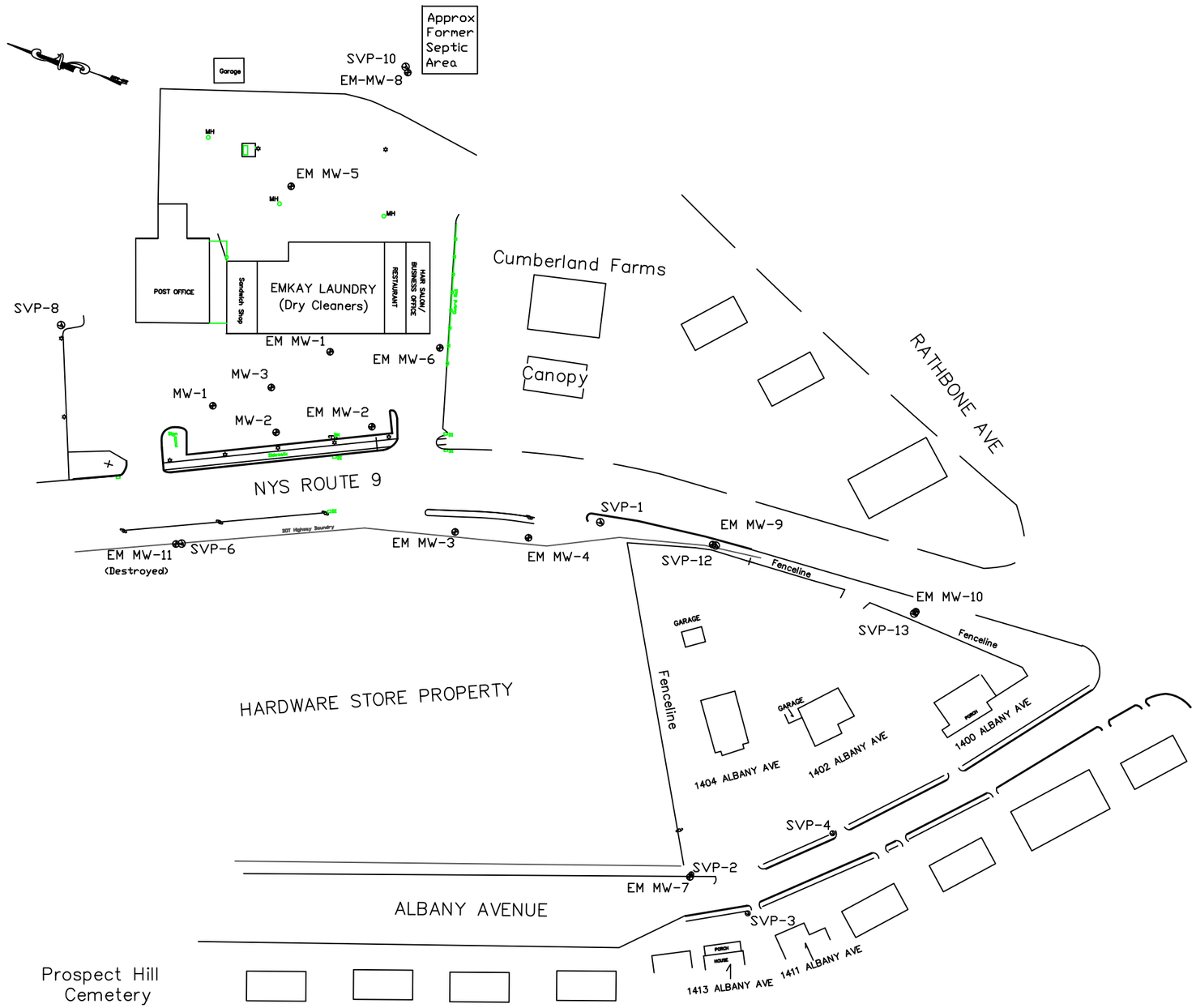
Sincerely,
AZTECH ENGINEERING SERVICES, P.C.

Randolph H. Hoose
Project Manager

Randy Hoose for
Fil L. Fina, III, PE
President

Attachments: Site Map
A – Summary Tables
B - Laboratory Analytical Report

cc: Mr. Mark Hulbert (Valatie Village Plaza)



Aztech Engineering, P.C.
5 McCrea Hill Road
Ballston Spa
New York, 12020
Phone: 518-885-5383
Fax: 518-885-5385
www.aztechtech.com

SITE: Valatie Village Plaza (f.k.a. Emkay Cleaners)
1048 Kinderhook Street (NYS Route 9)
Valatie, NY
NYSDEC Site No. 411016

FIGURE 1

Date: July, 2011 | SCALE: 1" = 100'

Site Map

- SOIL VAPOR POINT
- SHALLOW OVERBURDEN MONITORING WELL
- LIGHT POLE
- POWER POLE

ATTACHMENT A

SUMMARY TABLES

SUMMARY OF GROUNDWATER ELEVATIONS

Valatie Village Plaza
1048 Kinderhook Street (NYS Route 9)
Valatie, New York
Site No. 411016

WELL DESIGNATION	EM MW-1	EM MW-2	EM MW-3	EM MW-4	EM MW-5	EM MW-6
TOP OF CASING	99.87	98.43	92.78	90.69	98.98	99.06
TOP OF SCREEN	88.87	88.43	83.28	81.09	91.98	91.06
BOTTOM OF WELL	83.87	83.43	79.28	78.09	89.98	89.06
MEASUREMENT DATE	**GROUNDWATER ELEVATIONS***					
11/13/06	93.81	90.95	NI	NI	NI	NI
01/30/07	91.41	89.29	NI	NI	NI	NI
04/06/07	94.55	91.86	86.79	84.16	94.36	93.24
08/03/07	88.59	86.95	83.65	81.80	90.58	89.67
01/21/08	93.02	90.56	85.84	83.10	93.17	91.81
02/25/09	NG	89.92	85.36	82.90	92.55	91.09
10/13/10	93.37	90.21	85.55	82.81	93.52	92.56
01/28/11	90.13	88.04	84.43	81.27	Dry @ 8.8'	Dry @ 9.3'
04/07/11	93.20	90.62	86.03	83.28	93.52	92.02
07/27/11	89.69	87.77	84.29	82.06	90.52	Dry @ 9.3'
10/25/11	91.98	89.94	85.75	82.81	92.22	90.92
01/10/12	91.86	89.83	85.66	82.82	92.04	90.66
04/12/12	88.93	87.07	83.85	81.96	Dry @ 8.8'	Dry @ 9.3'
07/03/12	88.72	86.97	83.81	81.97	Dry @ 8.8'	Dry @ 9.3'
10/18/12	90.69	88.85	85.09	82.54	91.52	90.09
01/09/13	90.92	88.74	84.88	82.48	91.47	89.93
04/16/13	NG	89.71	85.53	82.89	92.61	91.05
07/30/13	92.75	90.25	85.76	83.00	93.23	91.98
10/29/13	91.87	89.27	85.03	82.51	92.46	91.15
01/30/14	91.32	89.52	85.59	82.95	91.65	90.46
04/10/14	93.88	91.29	86.47	83.80	93.98	92.64
08/05/14	90.27	88.39	84.72	82.48	90.93	89.52
10/21/14	87.95	85.18	82.60	81.25	90.28	Dry @ 9.3'
01/23/15	91.99	89.30	85.33	82.56	92.09	90.83
04/15/15	93.73	90.67	86.06	83.31	93.91	92.50
10/09/15	91.49	88.88	84.90	82.38	91.90	90.89
04/22/16	90.71	88.94	84.82	82.55	91.28	89.50
10/18/16	87.26	85.51	82.55	81.30	Dry @ 8.7'	DRY @ 9.6'
04/17/17	93.83	NL	86.48	83.74	93.92	92.58
10/23/17	88.10	86.57	83.34	81.61	Dry @ 9.7'	DRY @ 9.6'
05/03/18	93.46	90.95	85.93	83.29	93.78	92.38
10/10/18	93.54	91.52	86.39	83.49	93.73	92.70
05/02/19	93.51	91.31	86.04	83.48	93.60	92.33
10/21/19	93.97	91.46	86.01	82.99	94.00	93.06

Notes

*Groundwater and top of casing elevations in feet relative to site bench mark set at 100.00 feet at utility pole located near well EM MW-2

NG = Not Gauged

NI = Well not installed on that date

NL = Well not located

SUMMARY OF GROUNDWATER ELEVATIONS
Valatie Village Plaza
1048 Kinderhook Street (NYS Route 9)
Valatie, New York
Site No. 411016

WELL DESIGNATION	EM MW-7	EM MW-8	EM MW-9	EM MW-10	EM MW-11
TOP OF CASING	83.81	95.12	87.08	75.87	99.98
TOP OF SCREEN	78.81	90.12	82.58	71.37	93.48
BOTTOM OF WELL	76.81	86.12	80.58	69.37	88.48
MEASUREMENT DATE	**GROUNDWATER ELEVATIONS***				
11/13/06	NI	NI	NI	NI	NI
01/30/07	NI	NI	NI	NI	NI
04/06/07	NI	NI	NI	NI	NI
08/03/07	NI	NI	NI	NI	NI
01/21/08	Dry @ 7'	NI	NI	NI	NI
02/25/09	Dry @ 7'	88.75	Dry @ 6.5'	Dry @ 6.5'	90.77
10/13/10	NG	Dry @ 5.25'	Dry @ 5.5'	Dry @ 5.3'	NG
01/28/11	NG	NG	Dry @ 5.5'	Dry @ 5.3'	NG
04/07/11	NG	Dry @ 5.4'	Dry @ 5.5'	Dry @ 5.3'	Dry @ 8.0'
07/27/11	NG	Dry @ 5.4'	Dry @ 5.5'	Dry @ 5.3'	Destroyed
10/25/11	NG	NL	Dry @ 5.5'	Dry @ 5.3'	Destroyed
01/10/12	NG	Dry @ 5.4'	Dry @ 5.5'	Dry @ 5.3'	Destroyed
04/12/12	NG	Dry @ 5.4'	Dry @ 5.5'	Dry @ 5.3'	Destroyed
07/03/12	NG	Dry @ 5.4'	Dry @ 5.5'	Dry @ 5.3'	Destroyed
10/18/12	NG	NL	Dry @ 5.5'	Dry @ 5.3'	Destroyed
01/09/13	NG	NL	Dry @ 5.5'	NL	Destroyed
04/16/13	NG	NL	Dry @ 5.5'	Dry @ 5.3'	Destroyed
07/30/13	NG	Dry @ 5.4'	NG	Dry @ 5.3'	Destroyed
10/29/13	NG	Dry @ 5.4'	NG	Dry @ 5.3'	Destroyed
01/30/14	NG	NL	NL	NL	Destroyed
04/10/14	NG	Dry @ 5.4'	Dry @ 5.5'	NL	Destroyed
08/05/14	NG	Dry @ 5.4'	Dry @ 5.5'	NL	Destroyed
10/21/14	NG	Dry @ 5.4'	Dry @ 5.5'	NL	Destroyed
01/23/15	NG	Dry @ 5.4'	Dry @ 5.5'	NL	Destroyed
04/15/15	NG	Dry @ 5.4'	Dry @ 5.5'	NL	Destroyed
10/09/15	NG	Dry @ 5.4'	Dry @ 5.5'	NL	Destroyed
04/22/16	NG	Dry @ 5.4'	Dry @ 5.5'	NL	Destroyed
10/18/16	NG	Dry @ 5.5'	NL	NL	Destroyed
04/17/17	NG	Dry @ 5.5'	NL	NL	Destroyed
10/23/17	NG	Dry @ 5.5'	Dry @ 5.5'	Dry @ 5.3'	Destroyed
05/03/18	NG	89.92	Dry @ 6.5'	Dry @ 5.3'	Destroyed
10/10/18	NG	Dry @ 5.5'	Dry @ 6.5'	Dry @ 5.3'	Destroyed
05/02/19	NG	Dry @ 5.5'	Dry @ 6.5'	NL	Destroyed
10/21/19	DRY @ 7'	Dry @ 5.5'	Dry @ 6.5'	Dry @ 5.3'	Destroyed

Notes

* Groundwater and top of casing elevations in feet relative to site bench mark set at 100.00 feet at utility pole located near well EM MW-2

NG = Not Gauged

NI = Well not installed on that date

NL = Well not located

SUMMARY OF HISTORIC GROUNDWATER ANALYTICAL RESULTS

Valatie Village Plaza
1048 Kinderhook Street (NYS Route 9)
Valatie, New York
Site No. 411016

WELL ID/DATE	COMPOUND				
	PCE	TCE	VC	Cis-1,2 DCE	Total VOC
NYSDEC Standard* (ug/l)	5.0	5.0	2.0	5.0	-
EM MW-1					
10/30/06	Monitoring Well Installed				
11/13/06	**108**	**30**	< 1.0	**7.0**	145
04/06/07	**127**	**21**	< 1.0	4.8	152
01/21/08	**67**	**14**	< 1.0	2.9	84
02/25/09	Not Sampled				
10/13/10	**107**	**16**	< 1.0	3.9	128
01/28/11	**65**	**8.3**	< 1.0	3.7	79
04/07/11	**68**	4.0	< 1.0	1.4	73
07/27/11	**107**	**5.1**	< 1.0	2.2	114
10/25/11	**182**	< 5.0	< 5.0	< 5.0	182
01/10/12	**62**	**5.0**	< 1.0	2.3	69
04/18/12	**590**	< 10	< 10	< 10	590
07/03/12	**749**	< 10	< 10	< 10	749
10/18/12	**141**	< 20	< 20	< 20	141
01/09/13	**96**	4.7	< 2.0	< 2.0	101
04/16/13	Not Sampled - Well Not Accessible				
07/30/13	**52**	2.4	< 1.0	< 1.0	56
10/29/13	**62**	2.7	< 1.0	< 1.0	66
01/30/14	**99**	< 1.0	< 1.0	< 1.0	99
04/10/14	**78**	1.9	< 1.0	< 1.0	80
08/05/14	**110**	1.6	< 1.0	< 1.0	113
10/21/14	**1,100**	< 10	< 10	< 10	1,100
01/23/15	**133**	4.9	< 1.0	2.5	140
04/15/15	**49**	1.7	< 1.0	< 1.0	51
10/09/15	**97**	2.9	< 1.0	< 1.0	100
04/22/16	**55**	2.1	< 1.0	< 1.0	57
10/18/16	**752**	3.0	< 1.0	< 1.0	755
04/17/17	**48**	2.5	< 1.0	1.7	52
10/23/17	**559**	3.0	< 1.0	< 1.0	569
05/03/18	**63**	3.1	< 1.0	< 1.0	66
10/10/18	**120**	1.2	< 1.0	< 1.0	121
05/02/19	**45**	1.3	< 1.0	< 1.0	46
10/21/19	**53**	1.0	< 1.0	< 1.0	55
EM MW-2					
10/30/06	Monitoring Well Installed				
11/13/06	**302**	1.9	< 1.0	< 1.0	304
04/06/07	**300**	1.0	< 1.0	< 1.0	301
01/21/08	**297**	1.6	< 1.0	< 1.0	299
02/25/09	**383**	< 5.0	< 5.0	< 5.0	383
10/13/10	**426**	2.1	< 1.0	< 1.0	430
01/28/11	**369**	< 5.0	< 5.0	< 5.0	369
04/07/11	Not Sampled - Car Parked Over Well				
07/27/11	**416**	1.1	< 1.0	< 1.0	417
10/25/11	**347**	< 10	< 10	< 10	347
01/10/12	**265**	< 5.0	< 5.0	< 5.0	265
04/18/12	**662**	< 10	< 10	< 10	662
07/03/12	**576**	< 10	< 10	< 10	576
10/18/12	**366**	< 10	< 10	< 10	366
01/09/13	**264**	< 10	< 10	< 10	264
04/16/13	**136**	1.1	< 1.0	< 1.0	137
07/30/13	**295**	1.0	< 1.0	< 1.0	296
10/29/13	**178**	< 5.0	< 5.0	< 5.0	178
01/30/14	**212**	< 1.0	< 1.0	< 1.0	212
04/10/14	**159**	< 5.0	< 5.0	< 5.0	159
08/05/14	**170**	< 1.0	< 1.0	< 1.0	170
10/21/14	**350**	< 10	< 10	< 10	350
01/23/15	**350**	1.3	< 1.0	< 1.0	351
04/15/15	**230**	< 1.0	< 1.0	< 1.0	230
10/09/15	**260**	1.7	< 1.0	< 1.0	262

SUMMARY OF HISTORIC GROUNDWATER ANALYTICAL RESULTS
Valatie Village Plaza
1048 Kinderhook Street (NYS Route 9)
Valatie, New York
Site No. 411016

WELL ID/DATE	COMPOUND				
	PCE	TCE	VC	Cis-1,2 DCE	Total VOC
NYSDEC Standard* (ug/l)	5.0	5.0	2.0	5.0	-
EM MW-2 (continued)					
04/22/16	**250**	1.1	< 1.0	< 1.0	251
10/18/16	**780**	4.0	< 1.0	< 1.0	784
04/17/17	Not Sampled - Car Parked Over Well				
10/23/17	**318**	1.4	< 1.0	< 1.0	325
05/03/18	**282**	1.2	< 1.0	< 1.0	283
10/10/18	**230**	1.2	< 1.0	< 1.0	231
05/02/19	**130**	< 1.0	< 1.0	< 1.0	130
10/21/19	**150**	< 1.0	< 1.0	< 1.0	150
EM MW-3					
04/02/07	Monitoring Well Installed				
04/06/07	**112**	1.4	< 1.0	< 1.0	113
01/21/08	**143**	1.7	< 1.0	< 1.0	145
02/25/09	**197**	< 1.0	< 1.0	< 1.0	197
10/13/10	**163**	1.8	< 1.0	< 1.0	166
01/28/11	**198**	< 5.0	< 5.0	< 5.0	198
04/07/11	**142**	1.3	< 1.0	< 1.0	143
07/27/11	**186**	1.6	< 1.0	< 1.0	188
10/25/11	**208**	< 5.0	< 5.0	< 5.0	208
01/10/12	**181**	< 5.0	< 5.0	< 5.0	181
04/18/12	**232**	< 5.0	< 5.0	< 5.0	232
07/03/12	**197**	< 5.0	< 5.0	< 5.0	197
10/18/12	**148**	1.2	< 1.0	< 1.0	149
01/09/13	**146**	< 2.0	< 2.0	< 2.0	146
04/16/13	**85**	1.3	< 1.0	< 1.0	87
07/30/13	**335**	1.5	< 1.0	< 1.0	338
10/29/13	**158**	< 5.0	< 5.0	< 5.0	158
01/30/14	**119**	< 1.0	< 1.0	< 1.0	119
04/10/14	**107**	< 5.0	< 5.0	< 5.0	107
08/05/14	**120**	1.1	< 1.0	< 1.0	122
10/21/14	**160**	< 10	< 10	< 10	160
01/23/15	**157**	1.2	< 1.0	< 1.0	158
04/15/15	**100**	< 1.0	< 1.0	< 1.0	100
10/09/15	**130**	1.4	< 1.0	< 1.0	131
04/22/16	**130**	< 1.0	< 1.0	< 1.0	130
10/18/16	**201**	1.9	< 1.0	< 1.0	203
04/17/17	**131**	< 1.0	< 1.0	< 1.0	131
10/23/17	**119**	1.0	< 1.0	< 1.0	120
05/03/18	**120**	1.2	< 1.0	< 1.0	121
10/10/18	**120**	1.1	< 1.0	< 1.0	121
05/02/19	**80**	< 1.0	< 1.0	< 1.0	80
10/21/19	**110**	1.3	< 1.0	< 1.0	111
EM MW-4					
04/02/07	Monitoring Well Installed				
04/06/07	**37**	< 1.0	< 1.0	< 1.0	37
01/21/08	**99**	2.2	< 1.0	< 1.0	102
02/25/09	**121**	1.5	< 1.0	< 1.0	123
10/13/10	**118**	2.4	< 1.0	< 1.0	120
01/28/11	**120**	2.5	< 1.0	< 1.0	123
04/07/11	**85**	1.8	< 1.0	< 1.0	87
07/27/11	**127**	2.5	< 1.0	< 1.0	130
10/25/11	**165**	< 5.0	< 5.0	< 5.0	165
01/10/12	**136**	< 5.0	< 5.0	< 5.0	136
04/18/12	**116**	< 5.0	< 5.0	< 5.0	116
07/03/12	**145**	< 5.0	< 5.0	< 5.0	145
10/18/12	**111**	1.9	< 1.0	< 1.0	113
01/09/13	**100**	2.4	< 2.0	< 2.0	102
04/16/13	**52**	1.5	< 1.0	< 1.0	54
07/30/13	**107**	2.0	< 1.0	< 1.0	109
10/29/13	**97**	< 2.0	< 2.0	< 2.0	97
01/30/14	**92**	1.1	< 1.0	< 1.0	93

SUMMARY OF HISTORIC GROUNDWATER ANALYTICAL RESULTS

Valatie Village Plaza
1048 Kinderhook Street (NYS Route 9)
Valatie, New York
Site No. 411016

WELL ID/DATE	COMPOUND				
	PCE	TCE	VC	Cis-1,2 DCE	Total VOC
NYSDEC Standard* (ug/l)	5.0	5.0	2.0	5.0	-
EM MW-4 (Continued)					
04/10/14	**59**	< 2.0	< 2.0	< 2.0	59
08/05/14	**91**	1.8	< 1.0	< 1.0	94
10/21/14	**130**	< 10	< 10	< 10	130
01/23/15	**106**	1.9	< 1.0	< 1.0	108
04/15/15	**71**	1.3	< 1.0	< 1.0	72
10/09/15	**100**	2.5	< 1.0	< 1.0	103
04/22/16	**77**	1.3	< 1.0	< 1.0	78
10/18/16	**138**	3.2	< 1.0	< 1.0	141
04/17/17	**59**	1.1	< 1.0	< 1.0	60
10/23/17	**86**	1.8	< 1.0	< 1.0	87
05/03/18	**75**	1.2	< 1.0	< 1.0	76
10/10/18	**70**	1.7	< 1.0	< 1.0	72
05/02/19	**52**	< 1.0	< 1.0	< 1.0	52
10/21/19	**89**	1.7	< 1.0	< 1.0	91
EM MW-5					
04/02/07	Monitoring Well Installed				
04/06/07	3.5	< 1.0	< 1.0	< 1.0	3.5
01/21/08	4.5	< 1.0	< 1.0	< 1.0	4.5
02/25/09	3.8	< 1.0	< 1.0	< 1.0	3.8
10/13/10	**8.4**	< 1.0	< 1.0	< 1.0	8.4
01/28/11	Well Dry				
04/07/11	3.6	< 1.0	< 1.0	< 1.0	3.6
07/27/11	**7.3**	< 1.0	< 1.0	< 1.0	7.3
10/25/11	4.3	< 1.0	< 1.0	< 1.0	4.3
01/10/12	3.2	< 1.0	< 1.0	< 1.0	3.2
04/18/12	Well Dry				
07/03/12	Well Dry				
10/18/12	**8.3**	< 1.0	< 1.0	< 1.0	8.3
01/09/13	3.6	< 1.0	< 1.0	< 1.0	3.6
04/16/13	2.9	< 1.0	< 1.0	< 1.0	9.1
07/30/13	2.9	< 1.0	< 1.0	< 1.0	4.1
10/29/13	1.7	< 1.0	< 1.0	< 1.0	3.0
01/30/14	1.2	< 1.0	< 1.0	< 1.0	1.2
04/10/14	1.2	< 1.0	< 1.0	< 1.0	1.2
08/05/14	3.5	< 1.0	< 1.0	< 1.0	4.5
10/21/14	Well Dry				
01/23/15	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
04/15/15	< 20	< 1.0	< 1.0	< 1.0	< 20
10/09/15	< 20	< 1.0	< 1.0	< 1.0	< 1.0
04/22/16	< 20	< 1.0	< 1.0	< 1.0	< 1.0
10/18/16	Well Dry				
04/17/17	2.8	< 1.0	< 1.0	< 1.0	2.8
10/23/17	Well Dry				
05/03/18	2.3	< 1.0	< 1.0	< 1.0	3.3
10/10/18	2.7	< 1.0	< 1.0	< 1.0	2.7
05/02/19	1.5	< 1.0	< 1.0	< 1.0	2.6
10/21/19	1.8	< 1.0	< 1.0	< 1.0	3.2
EM MW-6					
04/02/07	Monitoring Well Installed				
04/06/07	**76**	< 1.0	< 1.0	< 1.0	76
01/21/08	**88**	< 1.0	< 1.0	< 1.0	88
02/25/09	**75**	< 1.0	< 1.0	< 1.0	75
10/13/10	**63**	< 1.0	< 1.0	< 1.0	63
01/28/11	Well Dry				
04/07/11	**60**	< 1.0	< 1.0	< 1.0	60
07/27/11	Well Dry				
10/25/11	**88**	< 1.0	< 1.0	< 1.0	88
01/10/12	**69**	< 1.0	< 1.0	< 1.0	69
04/18/12	Well Dry				
07/03/12	Well Dry				

SUMMARY OF HISTORIC GROUNDWATER ANALYTICAL RESULTS

Valatie Village Plaza
1048 Kinderhook Street (NYS Route 9)
Valatie, New York
Site No. 411016

WELL ID/DATE	COMPOUND				
	PCE	TCE	VC	Cis-1,2 DCE	Total VOC
NYSDEC Standard* (ug/l)	5.0	5.0	2.0	5.0	-
EM MW-6 (continued)					
10/18/12	**83**	< 1.0	< 1.0	< 1.0	83
01/09/13	**18**	< 1.0	< 1.0	< 1.0	18
04/16/13	**50**	< 1.0	< 1.0	< 1.0	51
07/30/13	**62**	< 1.0	< 1.0	< 1.0	63
10/29/13	**71**	< 1.0	< 1.0	< 1.0	73
01/30/14	**79**	< 1.0	< 1.0	< 1.0	79
04/10/14	**54**	< 1.0	< 1.0	< 1.0	54
08/05/14	Well Dry				
10/21/14	Well Dry				
01/23/15	**81**	< 1.0	< 1.0	< 1.0	81
04/15/15	**52**	< 1.0	< 1.0	< 1.0	52
10/09/15	**39**	< 1.0	< 1.0	< 1.0	39
04/22/16	Well Dry				
10/18/16	Well Dry				
04/17/17	**52**	< 1.0	< 1.0	< 1.0	52
10/23/17	Well Dry				
05/03/18	**52**	< 1.0	< 1.0	< 1.0	52
10/10/18	**44**	< 1.0	< 1.0	< 1.0	44
05/02/19	**35**	< 1.0	< 1.0	< 1.0	36
10/21/19	**44**	< 1.0	< 1.0	< 1.0	45
EM MW-7					
01/11/08	Monitoring Well Installed				
1/11/08 - 10/21/19	Not Sampled - Well Not Located or Well Dry				
EM MW-8					
02/18/09	Monitoring Well Installed				
02/25/09	2.3	< 1.0	< 1.0	< 1.0	2.3
2/26/09 - 5/02/18	Not Sampled - Well Dry				
05/03/18	< 1.0	< 1.0	< 1.0	< 1.0	7.5
10/10/18	Not Sampled - Well Dry				
05/02/19	Not Sampled - Well Dry				
10/21/19	Not sampled - Well Dry				
EM MW-9					
02/18/09	Monitoring Well Installed				
2/18/09 - 10/21/19	Not Sampled - Well Not Located or Well Dry				
EM MW-10					
02/18/09	Monitoring Well Installed				
2/18/09 - 10/21/19	Not Sampled - Well Not Located or Well Dry				
EM MW-11					
02/18/09	Monitoring Well Installed				
02/25/09	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2/26/09 - 5/2/19	Not Sampled - Well Not Located or Well Dry				

Notes:

All concentrations presented in micrograms per liter (ug/l)

* NYSDEC Standard for class GA groundwater given in 6NYCRR Part 703.5 Table 1.

Concentrations in bold are in excess of their respective Standard for class GA groundwater.

All samples analyzed for the full list of volatile organic compounds by EPA Method 8260

Total VOC = Sum of all VOCs identified in that sample

Abbreviations:

PCE = Tetrachloroethene
TCE = Trichloroethene
Cis 1,2-DCE = Cis-1,2-dichloroethene
VC - Vinyl Chloride

ATTACHMENT B

LABORATORY ANALYTICAL REPORT

November 01, 2019 Service Request No:R1910469

Mr. Randy Hoose
Aztech Technologies
5 McCrea Hill Road
Ballston Spa, NY 12020

Laboratory Results for: Valatie Village Plaza

Dear Mr.Hoose,

Enclosed are the results of the sample(s) submitted to our laboratory October 24, 2019
For your reference, these analyses have been assigned our service request number **R1910469.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7471. You may also contact me via email at Brady.Kalkman@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Brady Kalkman
Project Manager

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

1565 Jefferson Rd, Building 300, Rochester, NY 14623 | 585-288-5380 | www.alsglobal.com

Client: Aztech Technologies
Project: Valatie Village Plaza
Sample Matrix: Water

Service Request: R1910469
Date Received: 10/24/2019

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Six water samples were received for analysis at ALS Environmental on 10/24/2019. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Volatiles by GC/MS:

Method 8260C, 10/28/2019: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Approved by _____ Date 11/01/2019

SAMPLE DETECTION SUMMARY

CLIENT ID: MW1	Lab ID: R1910469-001					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Chloroform	1.0			1.0	ug/L	8260C
Tetrachloroethene (PCE)	53			1.0	ug/L	8260C
Trichloroethene (TCE)	1.0			1.0	ug/L	8260C

CLIENT ID: MW2	Lab ID: R1910469-002					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Tetrachloroethene (PCE)	150			1.0	ug/L	8260C

CLIENT ID: MW3	Lab ID: R1910469-003					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Tetrachloroethene (PCE)	110			1.0	ug/L	8260C
Trichloroethene (TCE)	1.3			1.0	ug/L	8260C

CLIENT ID: MW4	Lab ID: R1910469-004					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Tetrachloroethene (PCE)	89			1.0	ug/L	8260C
Trichloroethene (TCE)	1.7			1.0	ug/L	8260C

CLIENT ID: MW5	Lab ID: R1910469-005					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Chloroform	1.4			1.0	ug/L	8260C
Tetrachloroethene (PCE)	1.8			1.0	ug/L	8260C

CLIENT ID: MW6	Lab ID: R1910469-006					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Chloroform	1.2			1.0	ug/L	8260C
Tetrachloroethene (PCE)	44			1.0	ug/L	8260C

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Aztech Technologies **Service Request:**R1910469

Project: Valatie Village Plaza

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R1910469-001	MW1	10/21/2019	1215
R1910469-002	MW2	10/21/2019	1220
R1910469-003	MW3	10/21/2019	1225
R1910469-004	MW4	10/21/2019	1230
R1910469-005	MW5	10/21/2019	1235
R1910469-006	MW6	10/21/2019	1240

ALS Rochester

1565 Jefferson Rd Bldg 300, Suite 360 Rochester, NY 14623 585-288-5380 FAX 585-288-8475

SR# _____

PAGE _____ OF _____

Project Name: Valatie Village Plaza Project Number: _____

Project Manager: Randy Hoose Company: Aztech Environmental

Company/Address: 5 McCrea Hill Rd Phone: (518) 885-5383

City, State, Zip: Ballston Spa, NY 12020 FAX: _____

Sampler's Signature: Gaun LeClair

Sample I.D.	Date	Time	LAB ID	Matrix	Number of Containers	Analysis Requested: FULL VOC via 8260					REMARKS
MW1	10-21	1215		GW	3	X					
MW2	10-21	1220		GW	3	X					
MW3	10-21	1225		GW	3	X					
MW4	10-21	1230		GW	3	X					
MW5	10-21	1235		GW	3	X					
MW6	10-21	1240		GW	3	X					

TURNAROUND REQUIREMENTS

____ 24 hr ____ 48 hr ____ 5 BD

__X__ Standard (15 BD)

____ Provide FAX Preliminary Results

Requested Report Date: _____

REPORT REQUIREMENTS

____ I. Routine Report: Results and Method Blank (Surrogate, as required)

____ II. Results w/ QC (Dup., MS, MSD as req)

____ III. Results (with QC and Calibration Summaries)

____ IV. ASP-B

____ V. CLP

EDD?: _____

Invoice Information

P.O. # __VVP-PFAs

Bill to: _Aztech Env

__Attn: Randy Hoose

Comments/Special Instructions:

Please e-mail results to Rhoose@Aztechenv.com

R1910469 5

Aztech Technologies

Valatie Village Plaza

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature: Gaun LeClair	Signature: Laurence J Bizzarro	Signature: Laurence J Bizzarro	Signature: Gary LaFave
Printed Name: Gaun LeClair	Printed Name: LAURENCE J. BIZZARRO	Printed Name: LAURENCE J. BIZZARRO	Printed Name: Gary LaFave
Firm: AZTECH	Firm: ALS	Firm: ALS	Firm: ALS
Date/Time: 10/21 1500	Date/Time: 10/23/19 0915	Date/Time: 10/23/19 1700	Date/Time: 10/24/19 0935

R1910469 5
Aztech Technologies
Valatie Village Plaza

Cooler Receipt and Preservation Check Form

Project/Client Aztech Folder Number

Cooler received on 10/24/19 by: AD COURIER: ALS UPS (FEDEX) VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	(Y) N	5a	**Perchlorate** samples have required headspace?	Y N (NA)
2	**Custody papers** properly completed (ink, signed)?	(Y) N	5b	Did VOA vials, Alk,or Sulfide have sig* **bubbles**?	Y (N) NA
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N	6	Where did the bottles originate? ALS/ROC	(CLIENT)
4	Circle: (Wet Ice) **Dry Ice Gel packs** present?	(Y) N	7	Soil VOA received as: (Bulk) Encore 5035set (NA)	

8. Temperature Readings Date: 10/24/19 Time: 0945 ID: IR#7 (IR#10) From: ~~Temp Blank~~ (Sample Bottle)

Observed Temp (°C)	0.7						
Correction Factor (°C)	–						
Corrected Temp (°C)	0.7						
Temp from:Type of bottle	–						
Within 0-6°C?	(Y) N	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: R-002 by AD on 10/24/19 at 0950
5035 samples placed in storage location: _____ by _____ on _____ at _____

Cooler Breakdown/Preservation Check**: Date: 10/24/19 Time: 1321 by: AD

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Air Samples: Cassettes / Tubes Intact with MS? Canisters Pressurized Tedlar® Bags Inflated (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-						
		HCl	**	**	Client covered					

**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: Client covered
Explain all Discrepancies/ Other Comments:

CLRES	BULK
DO	FLDT
HPROD	HGFB
HTR	LL3541
PH	SUB
SO3	MARRS
ALS	REV

Labels secondary reviewed by: AD
PC Secondary Review: _____

*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the ñNotesò column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an ñimmediateò hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (Ó100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Certifications[1]

Connecticut ID # PH0556	Maine ID #NY0032	Pennsylvania ID# 68-786
Delaware Approved	New Hampshire ID # 2941	Rhode Island ID # 158
DoD ELAP #65817	New York ID # 10145	Virginia #460167
Florida ID # E87674	North Carolina #676	

[1] Analyses were performed according to our laboratoryôs NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory or go to https://www.alsglobal.com/locations/americas/north-america/usa/new-york/rochester-environmental

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client:	Aztech Technologies	**Service Request:**	R1910469
Project:	Valatie Village Plaza/		

Sample Name:	MW1	**Date Collected:**	10/21/19
Lab Code:	R1910469-001	**Date Received:**	10/24/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	MW2	**Date Collected:**	10/21/19
Lab Code:	R1910469-002	**Date Received:**	10/24/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	MW3	**Date Collected:**	10/21/19
Lab Code:	R1910469-003	**Date Received:**	10/24/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	MW4	**Date Collected:**	10/21/19
Lab Code:	R1910469-004	**Date Received:**	10/24/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

Sample Name:	MW5	**Date Collected:**	10/21/19
Lab Code:	R1910469-005	**Date Received:**	10/24/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client:	Aztech Technologies	**Service Request:**	R1910469
Project:	Valatie Village Plaza/		

Sample Name:	MW6	**Date Collected:**	10/21/19
Lab Code:	R1910469-006	**Date Received:**	10/24/19
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

INORGANIC PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9014 Cyanide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Acid Soluble	9030B
9056A Bomb (Halogens)	5050A
9066 Manual Distillation	9065
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7196A	3060A
7199	3060A
9056A Halogens/Halides	5050
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction

For analytical methods not listed, the preparation method is the same as the analytical method reference.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Aztech Technologies	**Service Request:**	R1910469
Project:	Valatie Village Plaza	**Date Collected:**	10/21/19 12:15
Sample Matrix:	Water	**Date Received:**	10/24/19 09:35
Sample Name:	MW1	**Units:**	ug/L
Lab Code:	R1910469-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	1.0 U	1.0	1	10/28/19 17:52	
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	10/28/19 17:52	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	10/28/19 17:52	
1,1,2-Trichloroethane	1.0 U	1.0	1	10/28/19 17:52	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	10/28/19 17:52	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	10/28/19 17:52	
1,1-Dichloropropene	1.0 U	1.0	1	10/28/19 17:52	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	10/28/19 17:52	
1,2,3-Trichloropropane	1.0 U	1.0	1	10/28/19 17:52	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	10/28/19 17:52	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	10/28/19 17:52	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	10/28/19 17:52	
1,2-Dibromoethane	1.0 U	1.0	1	10/28/19 17:52	
1,2-Dichlorobenzene	1.0 U	1.0	1	10/28/19 17:52	
1,2-Dichloroethane	1.0 U	1.0	1	10/28/19 17:52	
1,2-Dichloropropane	1.0 U	1.0	1	10/28/19 17:52	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	10/28/19 17:52	
1,3-Dichlorobenzene	1.0 U	1.0	1	10/28/19 17:52	
1,3-Dichloropropane	1.0 U	1.0	1	10/28/19 17:52	
1,4-Dichlorobenzene	1.0 U	1.0	1	10/28/19 17:52	
2,2-Dichloropropane	1.0 U	1.0	1	10/28/19 17:52	
2-Butanone (MEK)	5.0 U	5.0	1	10/28/19 17:52	
2-Chlorotoluene	1.0 U	1.0	1	10/28/19 17:52	
2-Hexanone	5.0 U	5.0	1	10/28/19 17:52	
4-Chlorotoluene	1.0 U	1.0	1	10/28/19 17:52	
4-Isopropyltoluene	1.0 U	1.0	1	10/28/19 17:52	
4-Methyl-2-pentanone	5.0 U	5.0	1	10/28/19 17:52	
Acetone	5.0 U	5.0	1	10/28/19 17:52	
Benzene	1.0 U	1.0	1	10/28/19 17:52	
Bromobenzene	1.0 U	1.0	1	10/28/19 17:52	
Bromochloromethane	1.0 U	1.0	1	10/28/19 17:52	
Bromodichloromethane	1.0 U	1.0	1	10/28/19 17:52	
Bromoform	1.0 U	1.0	1	10/28/19 17:52	
Bromomethane	1.0 U	1.0	1	10/28/19 17:52	
Carbon Disulfide	1.0 U	1.0	1	10/28/19 17:52	
Carbon Tetrachloride	1.0 U	1.0	1	10/28/19 17:52	
Chlorobenzene	1.0 U	1.0	1	10/28/19 17:52	
Chloroethane	1.0 U	1.0	1	10/28/19 17:52	
Chloroform	**1.0**	1.0	1	10/28/19 17:52	
Chloromethane	1.0 U	1.0	1	10/28/19 17:52	
Dibromochloromethane	1.0 U	1.0	1	10/28/19 17:52	
Dibromomethane	1.0 U	1.0	1	10/28/19 17:52	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	10/28/19 17:52	

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Analytical Report

Client:	Aztech Technologies	**Service Request:**	R1910469
Project:	Valatie Village Plaza	**Date Collected:**	10/21/19 12:15
Sample Matrix:	Water	**Date Received:**	10/24/19 09:35
Sample Name:	MW1	**Units:**	ug/L
Lab Code:	R1910469-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Methylene Chloride	1.0 U	1.0	1	10/28/19 17:52	
Ethylbenzene	1.0 U	1.0	1	10/28/19 17:52	
Hexachlorobutadiene	2.0 U	2.0	1	10/28/19 17:52	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	10/28/19 17:52	
Methyl tert-Butyl Ether	1.0 U	1.0	1	10/28/19 17:52	
Naphthalene	1.0 U	1.0	1	10/28/19 17:52	
Styrene	1.0 U	1.0	1	10/28/19 17:52	
Tetrachloroethene (PCE)	**53**	1.0	1	10/28/19 17:52	
Toluene	1.0 U	1.0	1	10/28/19 17:52	
Trichloroethene (TCE)	**1.0**	1.0	1	10/28/19 17:52	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	10/28/19 17:52	
Vinyl Chloride	1.0 U	1.0	1	10/28/19 17:52	
Xylenes, Total	3.0 U	3.0	1	10/28/19 17:52	
cis-1,2-Dichloroethene	1.0 U	1.0	1	10/28/19 17:52	
cis-1,3-Dichloropropene	1.0 U	1.0	1	10/28/19 17:52	
n-Butylbenzene	1.0 U	1.0	1	10/28/19 17:52	
n-Propylbenzene	1.0 U	1.0	1	10/28/19 17:52	
sec-Butylbenzene	1.0 U	1.0	1	10/28/19 17:52	
tert-Butylbenzene	1.0 U	1.0	1	10/28/19 17:52	
trans-1,2-Dichloroethene	1.0 U	1.0	1	10/28/19 17:52	
trans-1,3-Dichloropropene	1.0 U	1.0	1	10/28/19 17:52	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/28/19 17:52	
Dibromofluoromethane	99	89 - 119	10/28/19 17:52	
Toluene-d8	102	87 - 121	10/28/19 17:52	

ALS Group USA, Corp.
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Analytical Report

Client:	Aztech Technologies	**Service Request:**	R1910469
Project:	Valatie Village Plaza	**Date Collected:**	10/21/19 12:20
Sample Matrix:	Water	**Date Received:**	10/24/19 09:35
Sample Name:	MW2	**Units:**	ug/L
Lab Code:	R1910469-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	1.0 U	1.0	1	10/28/19 18:13	
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	10/28/19 18:13	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	10/28/19 18:13	
1,1,2-Trichloroethane	1.0 U	1.0	1	10/28/19 18:13	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	10/28/19 18:13	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	10/28/19 18:13	
1,1-Dichloropropene	1.0 U	1.0	1	10/28/19 18:13	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	10/28/19 18:13	
1,2,3-Trichloropropane	1.0 U	1.0	1	10/28/19 18:13	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	10/28/19 18:13	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	10/28/19 18:13	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	10/28/19 18:13	
1,2-Dibromoethane	1.0 U	1.0	1	10/28/19 18:13	
1,2-Dichlorobenzene	1.0 U	1.0	1	10/28/19 18:13	
1,2-Dichloroethane	1.0 U	1.0	1	10/28/19 18:13	
1,2-Dichloropropane	1.0 U	1.0	1	10/28/19 18:13	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	10/28/19 18:13	
1,3-Dichlorobenzene	1.0 U	1.0	1	10/28/19 18:13	
1,3-Dichloropropane	1.0 U	1.0	1	10/28/19 18:13	
1,4-Dichlorobenzene	1.0 U	1.0	1	10/28/19 18:13	
2,2-Dichloropropane	1.0 U	1.0	1	10/28/19 18:13	
2-Butanone (MEK)	5.0 U	5.0	1	10/28/19 18:13	
2-Chlorotoluene	1.0 U	1.0	1	10/28/19 18:13	
2-Hexanone	5.0 U	5.0	1	10/28/19 18:13	
4-Chlorotoluene	1.0 U	1.0	1	10/28/19 18:13	
4-Isopropyltoluene	1.0 U	1.0	1	10/28/19 18:13	
4-Methyl-2-pentanone	5.0 U	5.0	1	10/28/19 18:13	
Acetone	5.0 U	5.0	1	10/28/19 18:13	
Benzene	1.0 U	1.0	1	10/28/19 18:13	
Bromobenzene	1.0 U	1.0	1	10/28/19 18:13	
Bromochloromethane	1.0 U	1.0	1	10/28/19 18:13	
Bromodichloromethane	1.0 U	1.0	1	10/28/19 18:13	
Bromoform	1.0 U	1.0	1	10/28/19 18:13	
Bromomethane	1.0 U	1.0	1	10/28/19 18:13	
Carbon Disulfide	1.0 U	1.0	1	10/28/19 18:13	
Carbon Tetrachloride	1.0 U	1.0	1	10/28/19 18:13	
Chlorobenzene	1.0 U	1.0	1	10/28/19 18:13	
Chloroethane	1.0 U	1.0	1	10/28/19 18:13	
Chloroform	1.0 U	1.0	1	10/28/19 18:13	
Chloromethane	1.0 U	1.0	1	10/28/19 18:13	
Dibromochloromethane	1.0 U	1.0	1	10/28/19 18:13	
Dibromomethane	1.0 U	1.0	1	10/28/19 18:13	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	10/28/19 18:13	

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Analytical Report

Client:	Aztech Technologies	**Service Request:**	R1910469
Project:	Valatie Village Plaza	**Date Collected:**	10/21/19 12:20
Sample Matrix:	Water	**Date Received:**	10/24/19 09:35
Sample Name:	MW2	**Units:**	ug/L
Lab Code:	R1910469-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Methylene Chloride	1.0 U	1.0	1	10/28/19 18:13	
Ethylbenzene	1.0 U	1.0	1	10/28/19 18:13	
Hexachlorobutadiene	2.0 U	2.0	1	10/28/19 18:13	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	10/28/19 18:13	
Methyl tert-Butyl Ether	1.0 U	1.0	1	10/28/19 18:13	
Naphthalene	1.0 U	1.0	1	10/28/19 18:13	
Styrene	1.0 U	1.0	1	10/28/19 18:13	
Tetrachloroethene (PCE)	**150**	1.0	1	10/28/19 18:13	
Toluene	1.0 U	1.0	1	10/28/19 18:13	
Trichloroethene (TCE)	1.0 U	1.0	1	10/28/19 18:13	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	10/28/19 18:13	
Vinyl Chloride	1.0 U	1.0	1	10/28/19 18:13	
Xylenes, Total	3.0 U	3.0	1	10/28/19 18:13	
cis-1,2-Dichloroethene	1.0 U	1.0	1	10/28/19 18:13	
cis-1,3-Dichloropropene	1.0 U	1.0	1	10/28/19 18:13	
n-Butylbenzene	1.0 U	1.0	1	10/28/19 18:13	
n-Propylbenzene	1.0 U	1.0	1	10/28/19 18:13	
sec-Butylbenzene	1.0 U	1.0	1	10/28/19 18:13	
tert-Butylbenzene	1.0 U	1.0	1	10/28/19 18:13	
trans-1,2-Dichloroethene	1.0 U	1.0	1	10/28/19 18:13	
trans-1,3-Dichloropropene	1.0 U	1.0	1	10/28/19 18:13	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/28/19 18:13	
Dibromofluoromethane	94	89 - 119	10/28/19 18:13	
Toluene-d8	99	87 - 121	10/28/19 18:13	

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Analytical Report

Client:	Aztech Technologies	**Service Request:**	R1910469
Project:	Valatie Village Plaza	**Date Collected:**	10/21/19 12:25
Sample Matrix:	Water	**Date Received:**	10/24/19 09:35
Sample Name:	MW3	**Units:**	ug/L
Lab Code:	R1910469-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	1.0 U	1.0	1	10/28/19 18:35	
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	10/28/19 18:35	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	10/28/19 18:35	
1,1,2-Trichloroethane	1.0 U	1.0	1	10/28/19 18:35	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	10/28/19 18:35	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	10/28/19 18:35	
1,1-Dichloropropene	1.0 U	1.0	1	10/28/19 18:35	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	10/28/19 18:35	
1,2,3-Trichloropropane	1.0 U	1.0	1	10/28/19 18:35	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	10/28/19 18:35	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	10/28/19 18:35	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	10/28/19 18:35	
1,2-Dibromoethane	1.0 U	1.0	1	10/28/19 18:35	
1,2-Dichlorobenzene	1.0 U	1.0	1	10/28/19 18:35	
1,2-Dichloroethane	1.0 U	1.0	1	10/28/19 18:35	
1,2-Dichloropropane	1.0 U	1.0	1	10/28/19 18:35	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	10/28/19 18:35	
1,3-Dichlorobenzene	1.0 U	1.0	1	10/28/19 18:35	
1,3-Dichloropropane	1.0 U	1.0	1	10/28/19 18:35	
1,4-Dichlorobenzene	1.0 U	1.0	1	10/28/19 18:35	
2,2-Dichloropropane	1.0 U	1.0	1	10/28/19 18:35	
2-Butanone (MEK)	5.0 U	5.0	1	10/28/19 18:35	
2-Chlorotoluene	1.0 U	1.0	1	10/28/19 18:35	
2-Hexanone	5.0 U	5.0	1	10/28/19 18:35	
4-Chlorotoluene	1.0 U	1.0	1	10/28/19 18:35	
4-Isopropyltoluene	1.0 U	1.0	1	10/28/19 18:35	
4-Methyl-2-pentanone	5.0 U	5.0	1	10/28/19 18:35	
Acetone	5.0 U	5.0	1	10/28/19 18:35	
Benzene	1.0 U	1.0	1	10/28/19 18:35	
Bromobenzene	1.0 U	1.0	1	10/28/19 18:35	
Bromochloromethane	1.0 U	1.0	1	10/28/19 18:35	
Bromodichloromethane	1.0 U	1.0	1	10/28/19 18:35	
Bromoform	1.0 U	1.0	1	10/28/19 18:35	
Bromomethane	1.0 U	1.0	1	10/28/19 18:35	
Carbon Disulfide	1.0 U	1.0	1	10/28/19 18:35	
Carbon Tetrachloride	1.0 U	1.0	1	10/28/19 18:35	
Chlorobenzene	1.0 U	1.0	1	10/28/19 18:35	
Chloroethane	1.0 U	1.0	1	10/28/19 18:35	
Chloroform	1.0 U	1.0	1	10/28/19 18:35	
Chloromethane	1.0 U	1.0	1	10/28/19 18:35	
Dibromochloromethane	1.0 U	1.0	1	10/28/19 18:35	
Dibromomethane	1.0 U	1.0	1	10/28/19 18:35	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	10/28/19 18:35	

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Analytical Report

Client:	Aztech Technologies	**Service Request:**	R1910469
Project:	Valatie Village Plaza	**Date Collected:**	10/21/19 12:25
Sample Matrix:	Water	**Date Received:**	10/24/19 09:35
Sample Name:	MW3	**Units:**	ug/L
Lab Code:	R1910469-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Methylene Chloride	1.0 U	1.0	1	10/28/19 18:35	
Ethylbenzene	1.0 U	1.0	1	10/28/19 18:35	
Hexachlorobutadiene	2.0 U	2.0	1	10/28/19 18:35	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	10/28/19 18:35	
Methyl tert-Butyl Ether	1.0 U	1.0	1	10/28/19 18:35	
Naphthalene	1.0 U	1.0	1	10/28/19 18:35	
Styrene	1.0 U	1.0	1	10/28/19 18:35	
Tetrachloroethene (PCE)	**110**	1.0	1	10/28/19 18:35	
Toluene	1.0 U	1.0	1	10/28/19 18:35	
Trichloroethene (TCE)	**1.3**	1.0	1	10/28/19 18:35	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	10/28/19 18:35	
Vinyl Chloride	1.0 U	1.0	1	10/28/19 18:35	
Xylenes, Total	3.0 U	3.0	1	10/28/19 18:35	
cis-1,2-Dichloroethene	1.0 U	1.0	1	10/28/19 18:35	
cis-1,3-Dichloropropene	1.0 U	1.0	1	10/28/19 18:35	
n-Butylbenzene	1.0 U	1.0	1	10/28/19 18:35	
n-Propylbenzene	1.0 U	1.0	1	10/28/19 18:35	
sec-Butylbenzene	1.0 U	1.0	1	10/28/19 18:35	
tert-Butylbenzene	1.0 U	1.0	1	10/28/19 18:35	
trans-1,2-Dichloroethene	1.0 U	1.0	1	10/28/19 18:35	
trans-1,3-Dichloropropene	1.0 U	1.0	1	10/28/19 18:35	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	10/28/19 18:35	
Dibromofluoromethane	94	89 - 119	10/28/19 18:35	
Toluene-d8	102	87 - 121	10/28/19 18:35	

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Analytical Report

Client:	Aztech Technologies	**Service Request:**	R1910469
Project:	Valatie Village Plaza	**Date Collected:**	10/21/19 12:30
Sample Matrix:	Water	**Date Received:**	10/24/19 09:35
Sample Name:	MW4	**Units:**	ug/L
Lab Code:	R1910469-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	1.0 U	1.0	1	10/28/19 18:57	
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	10/28/19 18:57	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	10/28/19 18:57	
1,1,2-Trichloroethane	1.0 U	1.0	1	10/28/19 18:57	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	10/28/19 18:57	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	10/28/19 18:57	
1,1-Dichloropropene	1.0 U	1.0	1	10/28/19 18:57	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	10/28/19 18:57	
1,2,3-Trichloropropane	1.0 U	1.0	1	10/28/19 18:57	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	10/28/19 18:57	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	10/28/19 18:57	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	10/28/19 18:57	
1,2-Dibromoethane	1.0 U	1.0	1	10/28/19 18:57	
1,2-Dichlorobenzene	1.0 U	1.0	1	10/28/19 18:57	
1,2-Dichloroethane	1.0 U	1.0	1	10/28/19 18:57	
1,2-Dichloropropane	1.0 U	1.0	1	10/28/19 18:57	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	10/28/19 18:57	
1,3-Dichlorobenzene	1.0 U	1.0	1	10/28/19 18:57	
1,3-Dichloropropane	1.0 U	1.0	1	10/28/19 18:57	
1,4-Dichlorobenzene	1.0 U	1.0	1	10/28/19 18:57	
2,2-Dichloropropane	1.0 U	1.0	1	10/28/19 18:57	
2-Butanone (MEK)	5.0 U	5.0	1	10/28/19 18:57	
2-Chlorotoluene	1.0 U	1.0	1	10/28/19 18:57	
2-Hexanone	5.0 U	5.0	1	10/28/19 18:57	
4-Chlorotoluene	1.0 U	1.0	1	10/28/19 18:57	
4-Isopropyltoluene	1.0 U	1.0	1	10/28/19 18:57	
4-Methyl-2-pentanone	5.0 U	5.0	1	10/28/19 18:57	
Acetone	5.0 U	5.0	1	10/28/19 18:57	
Benzene	1.0 U	1.0	1	10/28/19 18:57	
Bromobenzene	1.0 U	1.0	1	10/28/19 18:57	
Bromochloromethane	1.0 U	1.0	1	10/28/19 18:57	
Bromodichloromethane	1.0 U	1.0	1	10/28/19 18:57	
Bromoform	1.0 U	1.0	1	10/28/19 18:57	
Bromomethane	1.0 U	1.0	1	10/28/19 18:57	
Carbon Disulfide	1.0 U	1.0	1	10/28/19 18:57	
Carbon Tetrachloride	1.0 U	1.0	1	10/28/19 18:57	
Chlorobenzene	1.0 U	1.0	1	10/28/19 18:57	
Chloroethane	1.0 U	1.0	1	10/28/19 18:57	
Chloroform	1.0 U	1.0	1	10/28/19 18:57	
Chloromethane	1.0 U	1.0	1	10/28/19 18:57	
Dibromochloromethane	1.0 U	1.0	1	10/28/19 18:57	
Dibromomethane	1.0 U	1.0	1	10/28/19 18:57	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	10/28/19 18:57	

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Analytical Report

Client:	Aztech Technologies	**Service Request:**	R1910469
Project:	Valatie Village Plaza	**Date Collected:**	10/21/19 12:30
Sample Matrix:	Water	**Date Received:**	10/24/19 09:35
Sample Name:	MW4	**Units:**	ug/L
Lab Code:	R1910469-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Methylene Chloride	1.0 U	1.0	1	10/28/19 18:57	
Ethylbenzene	1.0 U	1.0	1	10/28/19 18:57	
Hexachlorobutadiene	2.0 U	2.0	1	10/28/19 18:57	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	10/28/19 18:57	
Methyl tert-Butyl Ether	1.0 U	1.0	1	10/28/19 18:57	
Naphthalene	1.0 U	1.0	1	10/28/19 18:57	
Styrene	1.0 U	1.0	1	10/28/19 18:57	
Tetrachloroethene (PCE)	**89**	1.0	1	10/28/19 18:57	
Toluene	1.0 U	1.0	1	10/28/19 18:57	
Trichloroethene (TCE)	**1.7**	1.0	1	10/28/19 18:57	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	10/28/19 18:57	
Vinyl Chloride	1.0 U	1.0	1	10/28/19 18:57	
Xylenes, Total	3.0 U	3.0	1	10/28/19 18:57	
cis-1,2-Dichloroethene	1.0 U	1.0	1	10/28/19 18:57	
cis-1,3-Dichloropropene	1.0 U	1.0	1	10/28/19 18:57	
n-Butylbenzene	1.0 U	1.0	1	10/28/19 18:57	
n-Propylbenzene	1.0 U	1.0	1	10/28/19 18:57	
sec-Butylbenzene	1.0 U	1.0	1	10/28/19 18:57	
tert-Butylbenzene	1.0 U	1.0	1	10/28/19 18:57	
trans-1,2-Dichloroethene	1.0 U	1.0	1	10/28/19 18:57	
trans-1,3-Dichloropropene	1.0 U	1.0	1	10/28/19 18:57	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/28/19 18:57	
Dibromofluoromethane	97	89 - 119	10/28/19 18:57	
Toluene-d8	101	87 - 121	10/28/19 18:57	

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Analytical Report

Client:	Aztech Technologies	**Service Request:**	R1910469
Project:	Valatie Village Plaza	**Date Collected:**	10/21/19 12:35
Sample Matrix:	Water	**Date Received:**	10/24/19 09:35
Sample Name:	MW5	**Units:**	ug/L
Lab Code:	R1910469-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	1.0 U	1.0	1	10/28/19 19:19	
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	10/28/19 19:19	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	10/28/19 19:19	
1,1,2-Trichloroethane	1.0 U	1.0	1	10/28/19 19:19	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	10/28/19 19:19	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	10/28/19 19:19	
1,1-Dichloropropene	1.0 U	1.0	1	10/28/19 19:19	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	10/28/19 19:19	
1,2,3-Trichloropropane	1.0 U	1.0	1	10/28/19 19:19	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	10/28/19 19:19	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	10/28/19 19:19	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	10/28/19 19:19	
1,2-Dibromoethane	1.0 U	1.0	1	10/28/19 19:19	
1,2-Dichlorobenzene	1.0 U	1.0	1	10/28/19 19:19	
1,2-Dichloroethane	1.0 U	1.0	1	10/28/19 19:19	
1,2-Dichloropropane	1.0 U	1.0	1	10/28/19 19:19	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	10/28/19 19:19	
1,3-Dichlorobenzene	1.0 U	1.0	1	10/28/19 19:19	
1,3-Dichloropropane	1.0 U	1.0	1	10/28/19 19:19	
1,4-Dichlorobenzene	1.0 U	1.0	1	10/28/19 19:19	
2,2-Dichloropropane	1.0 U	1.0	1	10/28/19 19:19	
2-Butanone (MEK)	5.0 U	5.0	1	10/28/19 19:19	
2-Chlorotoluene	1.0 U	1.0	1	10/28/19 19:19	
2-Hexanone	5.0 U	5.0	1	10/28/19 19:19	
4-Chlorotoluene	1.0 U	1.0	1	10/28/19 19:19	
4-Isopropyltoluene	1.0 U	1.0	1	10/28/19 19:19	
4-Methyl-2-pentanone	5.0 U	5.0	1	10/28/19 19:19	
Acetone	5.0 U	5.0	1	10/28/19 19:19	
Benzene	1.0 U	1.0	1	10/28/19 19:19	
Bromobenzene	1.0 U	1.0	1	10/28/19 19:19	
Bromochloromethane	1.0 U	1.0	1	10/28/19 19:19	
Bromodichloromethane	1.0 U	1.0	1	10/28/19 19:19	
Bromoform	1.0 U	1.0	1	10/28/19 19:19	
Bromomethane	1.0 U	1.0	1	10/28/19 19:19	
Carbon Disulfide	1.0 U	1.0	1	10/28/19 19:19	
Carbon Tetrachloride	1.0 U	1.0	1	10/28/19 19:19	
Chlorobenzene	1.0 U	1.0	1	10/28/19 19:19	
Chloroethane	1.0 U	1.0	1	10/28/19 19:19	
Chloroform	**1.4**	1.0	1	10/28/19 19:19	
Chloromethane	1.0 U	1.0	1	10/28/19 19:19	
Dibromochloromethane	1.0 U	1.0	1	10/28/19 19:19	
Dibromomethane	1.0 U	1.0	1	10/28/19 19:19	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	10/28/19 19:19	

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Analytical Report

Client:	Aztech Technologies	**Service Request:**	R1910469
Project:	Valatie Village Plaza	**Date Collected:**	10/21/19 12:35
Sample Matrix:	Water	**Date Received:**	10/24/19 09:35
Sample Name:	MW5	**Units:**	ug/L
Lab Code:	R1910469-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Methylene Chloride	1.0 U	1.0	1	10/28/19 19:19	
Ethylbenzene	1.0 U	1.0	1	10/28/19 19:19	
Hexachlorobutadiene	2.0 U	2.0	1	10/28/19 19:19	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	10/28/19 19:19	
Methyl tert-Butyl Ether	1.0 U	1.0	1	10/28/19 19:19	
Naphthalene	1.0 U	1.0	1	10/28/19 19:19	
Styrene	1.0 U	1.0	1	10/28/19 19:19	
Tetrachloroethene (PCE)	**1.8**	1.0	1	10/28/19 19:19	
Toluene	1.0 U	1.0	1	10/28/19 19:19	
Trichloroethene (TCE)	1.0 U	1.0	1	10/28/19 19:19	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	10/28/19 19:19	
Vinyl Chloride	1.0 U	1.0	1	10/28/19 19:19	
Xylenes, Total	3.0 U	3.0	1	10/28/19 19:19	
cis-1,2-Dichloroethene	1.0 U	1.0	1	10/28/19 19:19	
cis-1,3-Dichloropropene	1.0 U	1.0	1	10/28/19 19:19	
n-Butylbenzene	1.0 U	1.0	1	10/28/19 19:19	
n-Propylbenzene	1.0 U	1.0	1	10/28/19 19:19	
sec-Butylbenzene	1.0 U	1.0	1	10/28/19 19:19	
tert-Butylbenzene	1.0 U	1.0	1	10/28/19 19:19	
trans-1,2-Dichloroethene	1.0 U	1.0	1	10/28/19 19:19	
trans-1,3-Dichloropropene	1.0 U	1.0	1	10/28/19 19:19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/28/19 19:19	
Dibromofluoromethane	95	89 - 119	10/28/19 19:19	
Toluene-d8	99	87 - 121	10/28/19 19:19	

ALS Group USA, Corp.
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Analytical Report

Client:	Aztech Technologies	**Service Request:**	R1910469
Project:	Valatie Village Plaza	**Date Collected:**	10/21/19 12:40
Sample Matrix:	Water	**Date Received:**	10/24/19 09:35
Sample Name:	MW6	**Units:**	ug/L
Lab Code:	R1910469-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	1.0 U	1.0	1	10/28/19 19:40	
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	10/28/19 19:40	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	10/28/19 19:40	
1,1,2-Trichloroethane	1.0 U	1.0	1	10/28/19 19:40	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	10/28/19 19:40	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	10/28/19 19:40	
1,1-Dichloropropene	1.0 U	1.0	1	10/28/19 19:40	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	10/28/19 19:40	
1,2,3-Trichloropropane	1.0 U	1.0	1	10/28/19 19:40	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	10/28/19 19:40	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	10/28/19 19:40	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	10/28/19 19:40	
1,2-Dibromoethane	1.0 U	1.0	1	10/28/19 19:40	
1,2-Dichlorobenzene	1.0 U	1.0	1	10/28/19 19:40	
1,2-Dichloroethane	1.0 U	1.0	1	10/28/19 19:40	
1,2-Dichloropropane	1.0 U	1.0	1	10/28/19 19:40	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	10/28/19 19:40	
1,3-Dichlorobenzene	1.0 U	1.0	1	10/28/19 19:40	
1,3-Dichloropropane	1.0 U	1.0	1	10/28/19 19:40	
1,4-Dichlorobenzene	1.0 U	1.0	1	10/28/19 19:40	
2,2-Dichloropropane	1.0 U	1.0	1	10/28/19 19:40	
2-Butanone (MEK)	5.0 U	5.0	1	10/28/19 19:40	
2-Chlorotoluene	1.0 U	1.0	1	10/28/19 19:40	
2-Hexanone	5.0 U	5.0	1	10/28/19 19:40	
4-Chlorotoluene	1.0 U	1.0	1	10/28/19 19:40	
4-Isopropyltoluene	1.0 U	1.0	1	10/28/19 19:40	
4-Methyl-2-pentanone	5.0 U	5.0	1	10/28/19 19:40	
Acetone	5.0 U	5.0	1	10/28/19 19:40	
Benzene	1.0 U	1.0	1	10/28/19 19:40	
Bromobenzene	1.0 U	1.0	1	10/28/19 19:40	
Bromochloromethane	1.0 U	1.0	1	10/28/19 19:40	
Bromodichloromethane	1.0 U	1.0	1	10/28/19 19:40	
Bromoform	1.0 U	1.0	1	10/28/19 19:40	
Bromomethane	1.0 U	1.0	1	10/28/19 19:40	
Carbon Disulfide	1.0 U	1.0	1	10/28/19 19:40	
Carbon Tetrachloride	1.0 U	1.0	1	10/28/19 19:40	
Chlorobenzene	1.0 U	1.0	1	10/28/19 19:40	
Chloroethane	1.0 U	1.0	1	10/28/19 19:40	
Chloroform	**1.2**	1.0	1	10/28/19 19:40	
Chloromethane	1.0 U	1.0	1	10/28/19 19:40	
Dibromochloromethane	1.0 U	1.0	1	10/28/19 19:40	
Dibromomethane	1.0 U	1.0	1	10/28/19 19:40	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	10/28/19 19:40	

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Analytical Report

Client:	Aztech Technologies	**Service Request:**	R1910469
Project:	Valatie Village Plaza	**Date Collected:**	10/21/19 12:40
Sample Matrix:	Water	**Date Received:**	10/24/19 09:35
Sample Name:	MW6	**Units:**	ug/L
Lab Code:	R1910469-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Methylene Chloride	1.0 U	1.0	1	10/28/19 19:40	
Ethylbenzene	1.0 U	1.0	1	10/28/19 19:40	
Hexachlorobutadiene	2.0 U	2.0	1	10/28/19 19:40	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	10/28/19 19:40	
Methyl tert-Butyl Ether	1.0 U	1.0	1	10/28/19 19:40	
Naphthalene	1.0 U	1.0	1	10/28/19 19:40	
Styrene	1.0 U	1.0	1	10/28/19 19:40	
Tetrachloroethene (PCE)	**44**	1.0	1	10/28/19 19:40	
Toluene	1.0 U	1.0	1	10/28/19 19:40	
Trichloroethene (TCE)	1.0 U	1.0	1	10/28/19 19:40	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	10/28/19 19:40	
Vinyl Chloride	1.0 U	1.0	1	10/28/19 19:40	
Xylenes, Total	3.0 U	3.0	1	10/28/19 19:40	
cis-1,2-Dichloroethene	1.0 U	1.0	1	10/28/19 19:40	
cis-1,3-Dichloropropene	1.0 U	1.0	1	10/28/19 19:40	
n-Butylbenzene	1.0 U	1.0	1	10/28/19 19:40	
n-Propylbenzene	1.0 U	1.0	1	10/28/19 19:40	
sec-Butylbenzene	1.0 U	1.0	1	10/28/19 19:40	
tert-Butylbenzene	1.0 U	1.0	1	10/28/19 19:40	
trans-1,2-Dichloroethene	1.0 U	1.0	1	10/28/19 19:40	
trans-1,3-Dichloropropene	1.0 U	1.0	1	10/28/19 19:40	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/28/19 19:40	
Dibromofluoromethane	96	89 - 119	10/28/19 19:40	
Toluene-d8	99	87 - 121	10/28/19 19:40	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

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QA/QC Report

Client: Aztech Technologies **Service Request:** R1910469
Project: Valatie Village Plaza
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85-122	Dibromofluoromethane 89-119	Toluene-d8 87-121
MW1	R1910469-001	96	99	102
MW2	R1910469-002	95	94	99
MW3	R1910469-003	99	94	102
MW4	R1910469-004	95	97	101
MW5	R1910469-005	94	95	99
MW6	R1910469-006	94	96	99
Method Blank	RQ1912480-04	97	96	101
Lab Control Sample	RQ1912480-03	100	100	102

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Analytical Report

Client:	Aztech Technologies	**Service Request:**	R1910469
Project:	Valatie Village Plaza	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1912480-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
1,1,1,2-Tetrachloroethane	1.0 U	1.0	1	10/28/19 13:45	
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	1	10/28/19 13:45	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	1	10/28/19 13:45	
1,1,2-Trichloroethane	1.0 U	1.0	1	10/28/19 13:45	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	1	10/28/19 13:45	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	1	10/28/19 13:45	
1,1-Dichloropropene	1.0 U	1.0	1	10/28/19 13:45	
1,2,3-Trichlorobenzene	1.0 U	1.0	1	10/28/19 13:45	
1,2,3-Trichloropropane	1.0 U	1.0	1	10/28/19 13:45	
1,2,4-Trichlorobenzene	1.0 U	1.0	1	10/28/19 13:45	
1,2,4-Trimethylbenzene	1.0 U	1.0	1	10/28/19 13:45	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	1	10/28/19 13:45	
1,2-Dibromoethane	1.0 U	1.0	1	10/28/19 13:45	
1,2-Dichlorobenzene	1.0 U	1.0	1	10/28/19 13:45	
1,2-Dichloroethane	1.0 U	1.0	1	10/28/19 13:45	
1,2-Dichloropropane	1.0 U	1.0	1	10/28/19 13:45	
1,3,5-Trimethylbenzene	1.0 U	1.0	1	10/28/19 13:45	
1,3-Dichlorobenzene	1.0 U	1.0	1	10/28/19 13:45	
1,3-Dichloropropane	1.0 U	1.0	1	10/28/19 13:45	
1,4-Dichlorobenzene	1.0 U	1.0	1	10/28/19 13:45	
2,2-Dichloropropane	1.0 U	1.0	1	10/28/19 13:45	
2-Butanone (MEK)	5.0 U	5.0	1	10/28/19 13:45	
2-Chlorotoluene	1.0 U	1.0	1	10/28/19 13:45	
2-Hexanone	5.0 U	5.0	1	10/28/19 13:45	
4-Chlorotoluene	1.0 U	1.0	1	10/28/19 13:45	
4-Isopropyltoluene	1.0 U	1.0	1	10/28/19 13:45	
4-Methyl-2-pentanone	5.0 U	5.0	1	10/28/19 13:45	
Acetone	**23**	5.0	1	10/28/19 13:45	
Benzene	1.0 U	1.0	1	10/28/19 13:45	
Bromobenzene	1.0 U	1.0	1	10/28/19 13:45	
Bromochloromethane	1.0 U	1.0	1	10/28/19 13:45	
Bromodichloromethane	1.0 U	1.0	1	10/28/19 13:45	
Bromoform	1.0 U	1.0	1	10/28/19 13:45	
Bromomethane	1.0 U	1.0	1	10/28/19 13:45	
Carbon Disulfide	1.0 U	1.0	1	10/28/19 13:45	
Carbon Tetrachloride	1.0 U	1.0	1	10/28/19 13:45	
Chlorobenzene	1.0 U	1.0	1	10/28/19 13:45	
Chloroethane	1.0 U	1.0	1	10/28/19 13:45	
Chloroform	1.0 U	1.0	1	10/28/19 13:45	
Chloromethane	1.0 U	1.0	1	10/28/19 13:45	
Dibromochloromethane	1.0 U	1.0	1	10/28/19 13:45	
Dibromomethane	1.0 U	1.0	1	10/28/19 13:45	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	1	10/28/19 13:45	

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Analytical Report

Client:	Aztech Technologies	**Service Request:**	R1910469
Project:	Valatie Village Plaza	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1912480-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Methylene Chloride	1.0 U	1.0	1	10/28/19 13:45	
Ethylbenzene	1.0 U	1.0	1	10/28/19 13:45	
Hexachlorobutadiene	2.0 U	2.0	1	10/28/19 13:45	
Isopropylbenzene (Cumene)	1.0 U	1.0	1	10/28/19 13:45	
Methyl tert-Butyl Ether	1.0 U	1.0	1	10/28/19 13:45	
Naphthalene	1.0 U	1.0	1	10/28/19 13:45	
Styrene	1.0 U	1.0	1	10/28/19 13:45	
Tetrachloroethene (PCE)	1.0 U	1.0	1	10/28/19 13:45	
Toluene	1.0 U	1.0	1	10/28/19 13:45	
Trichloroethene (TCE)	1.0 U	1.0	1	10/28/19 13:45	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	1	10/28/19 13:45	
Vinyl Chloride	1.0 U	1.0	1	10/28/19 13:45	
Xylenes, Total	3.0 U	3.0	1	10/28/19 13:45	
cis-1,2-Dichloroethene	1.0 U	1.0	1	10/28/19 13:45	
cis-1,3-Dichloropropene	1.0 U	1.0	1	10/28/19 13:45	
n-Butylbenzene	1.0 U	1.0	1	10/28/19 13:45	
n-Propylbenzene	1.0 U	1.0	1	10/28/19 13:45	
sec-Butylbenzene	1.0 U	1.0	1	10/28/19 13:45	
tert-Butylbenzene	1.0 U	1.0	1	10/28/19 13:45	
trans-1,2-Dichloroethene	1.0 U	1.0	1	10/28/19 13:45	
trans-1,3-Dichloropropene	1.0 U	1.0	1	10/28/19 13:45	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/28/19 13:45	
Dibromofluoromethane	96	89 - 119	10/28/19 13:45	
Toluene-d8	101	87 - 121	10/28/19 13:45	

ALS Group USA, Corp.
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QA/QC Report

Client: Aztech Technologies
Project: Valatie Village Plaza
Sample Matrix: Water

Service Request: R1910469
Date Analyzed: 10/28/19

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1912480-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1,2-Tetrachloroethane	8260C	19.6	20.0	98	76-129
1,1,1-Trichloroethane (TCA)	8260C	18.4	20.0	92	75-125
1,1,2,2-Tetrachloroethane	8260C	18.6	20.0	93	78-126
1,1,2-Trichloroethane	8260C	18.2	20.0	91	82-121
1,1-Dichloroethane (1,1-DCA)	8260C	18.1	20.0	91	80-124
1,1-Dichloroethene (1,1-DCE)	8260C	18.9	20.0	94	71-118
1,1-Dichloropropene	8260C	18.5	20.0	93	76-118
1,2,3-Trichlorobenzene	8260C	18.7	20.0	94	67-136
1,2,3-Trichloropropane	8260C	16.8	20.0	84	75-118
1,2,4-Trichlorobenzene	8260C	19.9	20.0	99	75-132
1,2,4-Trimethylbenzene	8260C	20.5	20.0	103	81-126
1,2-Dibromo-3-chloropropane (DBCP)	8260C	16.6	20.0	83	55-136
1,2-Dibromoethane	8260C	17.5	20.0	87	82-127
1,2-Dichlorobenzene	8260C	19.5	20.0	97	80-119
1,2-Dichloroethane	8260C	17.6	20.0	88	71-127
1,2-Dichloropropane	8260C	18.4	20.0	92	80-119
1,3,5-Trimethylbenzene	8260C	20.2	20.0	101	81-128
1,3-Dichlorobenzene	8260C	19.5	20.0	98	83-121
1,3-Dichloropropane	8260C	18.2	20.0	91	83-119
1,4-Dichlorobenzene	8260C	19.0	20.0	95	79-119
2,2-Dichloropropane	8260C	19.0	20.0	95	61-139
2-Butanone (MEK)	8260C	15.8	20.0	79	61-137
2-Chlorotoluene	8260C	19.2	20.0	96	79-124
2-Hexanone	8260C	15.7	20.0	78	63-124
4-Chlorotoluene	8260C	20.4	20.0	102	79-125
4-Isopropyltoluene	8260C	19.9	20.0	99	78-133
4-Methyl-2-pentanone	8260C	16.5	20.0	82	66-124
Acetone	8260C	21.3	20.0	106	40-161
Benzene	8260C	18.9	20.0	94	79-119
Bromobenzene	8260C	18.7	20.0	94	79-121
Bromochloromethane	8260C	17.6	20.0	88	81-126
Bromodichloromethane	8260C	19.5	20.0	97	81-123
Bromoform	8260C	21.0	20.0	105	65-146

ALS Group USA, Corp.
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QA/QC Report

Client: Aztech Technologies
Project: Valatie Village Plaza
Sample Matrix: Water

Service Request: R1910469
Date Analyzed: 10/28/19

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1912480-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Bromomethane	8260C	22.6	20.0	113	42-166
Carbon Disulfide	8260C	20.4	20.0	102	66-128
Carbon Tetrachloride	8260C	19.1	20.0	95	70-127
Chlorobenzene	8260C	19.0	20.0	95	80-121
Chloroethane	8260C	17.7	20.0	89	62-131
Chloroform	8260C	18.2	20.0	91	79-120
Chloromethane	8260C	18.4	20.0	92	65-135
Dibromochloromethane	8260C	20.2	20.0	101	72-128
Dibromomethane	8260C	19.1	20.0	96	80-118
Dichlorodifluoromethane (CFC 12)	8260C	23.3	20.0	116	59-155
Methylene Chloride	8260C	16.7	20.0	84	73-122
Ethylbenzene	8260C	18.9	20.0	94	76-120
Hexachlorobutadiene	8260C	21.6	20.0	108	54-172
Isopropylbenzene (Cumene)	8260C	20.1	20.0	101	77-128
Methyl tert-Butyl Ether	8260C	18.0	20.0	90	75-118
Naphthalene	8260C	19.3	20.0	97	59-140
Styrene	8260C	18.9	20.0	94	80-124
Tetrachloroethene (PCE)	8260C	18.6	20.0	93	72-125
Toluene	8260C	19.6	20.0	98	79-119
Trichloroethene (TCE)	8260C	18.8	20.0	94	74-122
Trichlorofluoromethane (CFC 11)	8260C	20.1	20.0	101	71-136
Vinyl Chloride	8260C	19.0	20.0	95	74-159
cis-1,2-Dichloroethene	8260C	18.5	20.0	93	80-121
cis-1,3-Dichloropropene	8260C	17.8	20.0	89	77-122
n-Butylbenzene	8260C	19.9	20.0	100	78-133
n-Propylbenzene	8260C	20.9	20.0	105	78-131
sec-Butylbenzene	8260C	20.4	20.0	102	75-129
tert-Butylbenzene	8260C	19.7	20.0	98	76-126
trans-1,2-Dichloroethene	8260C	18.2	20.0	91	73-118
trans-1,3-Dichloropropene	8260C	17.8	20.0	89	71-133