Glens Falls Municipal Landfill
At Luzerne Road
Third Quarter 2017 Post-Closure Monitoring Report

City of Glens Falls
Warren County, New York

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GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD
THIRD QUARTER 2017 POST-CLOSURE MONITORING REPORT

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APPENDICES

1.0 INTRODUCTION

This post-closure monitoring report is for the quarterly groundwater sampling event, quarterly explosive gas monitoring event and quarterly landfill inspection conducted during the 3rd quarter of 2017 at the Glens Falls Municipal Landfill located on Luzerne Road in the Town of Queensbury, Warren County, New York. The post-closure monitoring for the Glens Falls Municipal Landfill consists of quarterly groundwater monitoring for 6 NYCRR Part 360 routine parameters, annual groundwater monitoring for 6 NYCRR Part 360 baseline parameters, semi-annual groundwater monitoring for PCBs (second and fourth quarters), quarterly explosive gas monitoring, quarterly landfill inspections, semi-annual storm water management system inspections, and annual site wide inspections in accordance with the NYSDEC approved Glens Falls Municipal Landfill at Luzerne Road Site Management Plan, dated November 1, 2011 and revised January 10, 2012. Where the field measured turbidity is greater than 50 NTUs, a filtered metal sample is required to be collected in addition to an unfiltered metal sample. The list of routine and baseline parameters are those in the Water Quality Analysis Table of the 6 NYCRR Part 360 regulations effective October 9, 1993.

Groundwater sampling locations include MW-101-1(R) (which replaced MW-101-1) (southeast corner of the landfill), MW-101-3 (northwest corner of the landfill), MW-101-4 (northern end of the east side of the landfill), MW-101-5 (east side of the landfill), MW-101-6S and MW-101-6I (northeast corner of the landfill), MW-101-7S and MW-101-7I (east side of the landfill), MW-101-8S(R) and MW-101-8I(R) (southern end of the east side of the landfill), MW-101-10S(R) (west side of the landfill) and MW-2S (east side of the landfill). Monitoring wells MW-101-3 and MW-101-10S(R) are upgradient wells.

The explosive gas monitoring includes temporary subsurface points approximately 100 feet apart around the perimeter of the landfill, inside the monitoring wells, catch basins and the three buildings located at the Luzerne Road Transfer Station south of the site, and at the breathing zone around the perimeter of the landfill.

The groundwater sampling and laboratory analyses, explosive gas monitoring and landfill inspection are discussed in Section 2.0 of this report.

2.0 SAMPLING AND LABORATORY ANALYSES

The 3rd quarter 2017 groundwater sampling event of monitoring wells MW-101-1(R), MW-101-3, MW-101-4, MW-101-5, MW-101-6S, MW-101-6I, MW-101-7S, MW-101-7I, MW-101-8S(R), MW-101-8I(R), MW-101-10S(R) and MW-2S was conducted on September 25, 2017. A duplicate groundwater sample from well MW-101-7I was also taken and identified as FDGW01 on the chain of custody record. The groundwater samples were analyzed for the baseline parameters listed in 6 NYCRR Part 360-2.11(c)(6), effective October 9, 1993. Matrix spike and matrix spike duplicate (MS/MSD) samples were taken at MW-101-6I for laboratory quality assurance/quality control and were analyzed for the baseline parameters.

The laboratory analyses for the 3rd quarter sampling event were performed by TestAmerica Laboratories, Inc. of Amherst, New York (TestAmerica Buffalo), a NYSDOH ELAP certified laboratory (ELAP No. 10026). An ASP Category B data deliverable package was prepared by TestAmerica Buffalo.

The 3rd quarter 2017 explosive gas monitoring event was conducted on September 26, 2017. The breathing zone outside the three on-site buildings, the monitoring wells, the catch basins, the temporary subsurface gas monitoring points, and the perimeter of the landfill in the breathing zone (approximately every 100 feet) were tested for toxic gases, oxygen and explosive gases (% LEL) using a QRAE 4-gas meter.

The 3rd quarter 2017 landfill inspection was conducted on September 26, 2017. The landfill surface was checked for animal burrows, areas of sparse vegetation, surface water ponding, leachate seeps, depressions or erosion areas and any other damage. The gas venting structures, monitoring wells and perimeter fence were observed for any damage. The stormwater management system was also inspected.

The groundwater sampling, explosive gas monitoring and landfill inspection were conducted in accordance with the NYSDEC approved Glens Falls Municipal Landfill at Luzerne Road Site Management Plan, dated November 1, 2011 and revised January 10, 2012. Environmental services field logs, groundwater services field logs, explosive gas sampling form, site wide inspection form and photographs, maintenance inspection form and field sketches for the groundwater sampling, explosive gas monitoring and landfill inspection for the 3rd quarter 2017 are enclosed in Appendix A. The procedures followed are presented in the referenced logs.

A copy of the laboratory analysis report and chain of custody record for the 3rd quarter 2017 groundwater sampling event are enclosed in Appendix B.

The results of the field parameters, the leachate indicator parameters and the inorganic parameters for the 3rd quarter 2017 groundwater sampling event are summarized in Table 1. The respective groundwater standards and guidance values are included in the table. Results from the sampling conducted previously in 1985, 1990, 1996, 1999 to 2002, 2009, 2011 to 2016, and the 1st and 2nd quarter of 2017 are included in the tables for comparison to the recent sampling results.

TABLE

TABLE 1: HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
Leachate Indicators																
3/21/1990	PH (Standard Units)	6.5 - 8.5	6.5	6.5	**6.2**	6.9	6.8	-	-	-	-	-	-	-	-	-
11/2001			**6.48**	**5.21**	**5.55**	6.65	6.64	-	-	-	-	-	-	-	-	-
3/2002			**4.73**	**4.76**	**9.15**	6.82	6.87	-	-	-	-	-	-	-	-	-
6/2009			6.86	7.12	6.83	6.90	7.05	6.92	8.06	6.81	6.89	6.65	6.95	7.04	-	-
10/2011			6.71	-	7.10	6.71	6.74	7.20	8.07	6.77	6.91	6.63	**6.49**	6.86	6.73	-
3/2012			6.91	-	7.21	6.83	6.85	7.28	7.99	6.90	7.08	6.83	6.95	7.38	7.01	-
7/2012			6.61	-	8.28	6.75	6.83	6.51	7.8	7.01	6.77	6.65	6.57	6.98	6.9	-
9/2012			6.61	-	**6.26**	**6.46**	6.94	6.69	7.45	6.84	6.73	6.56	6.85	7.00	6.84	-
12/2012			**6.43**	-	**5.97**	6.82	6.90	7.41	7.41	6.87	6.73	**6.40**	6.73	6.81	6.81	-
3/2013			6.65	-	**6.45**	7.31	7.11	7.63	7.77	6.88	7.11	6.99	6.86	6.83	7.21	-
6/2013			7.26	-	6.92	7.86	7.58	7.40	7.93	7.91	7.73	**8.68**	7.66	7.83	8.27	-
9/2013			-	-	7.01	7.38	7.35	8.03	8.22	7.07	7.33	7.31	7.18	7.51	7.27	-
12/2013			-	-	7.95	7.53	6.95	7.69	7.74	6.83	7.35	7.02	6.91	7.30	7.31	-
3/2014			7.95	-	7.08	8.46	7.96	7.51	8.19	7.44	7.91	7.32	7.23	8.19	7.66	-
6/2014			6.99	-	6.88	7.42	7.20	7.35	7.21	6.93	7.18	7.59	7.33	7.68	7.08	-
9/2014			7.32	-	6.86	**8.61**	7.36	**9.05**	**8.91**	8.47	**8.76**	7.98	7.96	7.64	**8.93**	-
12/2014			7.02	-	7.02	7.52	7.88	8.19	8.35	8.11	8.22	7.30	7.02	7.40	8.01	-
3/2015			7.10	-	8.00	7.60	7.20	7.40	7.90	7.20	7.40	7.90	7.40	7.50	**9.10**	-
6/2015			**6.43**	-	7.77	7.10	7.30	8.10	8.40	7.40	7.40	6.83	6.72	7.06	7.10	-
9/2015			6.52	-	7.10	6.60	7.10	6.60	7.10	**6.30**	6.80	7.51	7.22	6.95	7.18	-
12/2015			7.3	-	**8.9**	7.6	7.4	7.9	8.2	7.8	8.3	7.2	7.3	7.9	7.9	-
3/2016			7.1	-	7.4	7.4	6.8	7.5	7.9	7.1	6.9	7.4	7.4	7.3	7.4	-
6/2016			7.9	-	7.7	7.9	7.2	7.8	7.9	8.3	7.8	7.4	7.7	**8.7**	7.7	-
9/2016			6.6	-	8.1	6.7	7.2	7.3	7.5	**6.3**	7.1	8.5	7.2	7.4	6.5	-
12/2016			7.2	-	7.9	7.8	7.2	7.9	8.3	7.3	7.4	7.9	7.3	7.5	7.4	-
3/2017			6.7	-	7.2	6.9	7.0	7.1	7.4	7.2	6.5	7.3	6.9	7.3	7.1	-
6/2017			6.9	-	7.6	**6.4**	7.6	7.3	7.1	6.7	7.3	8.0	7.2	7.7	6.9	-
9/2017			6.5	-	**6.3**	6.8	6.7	6.6	7.7	6.8	7.3	7.6	6.6	7.0	6.7	-
Q4 2017				-												-
3/21/1990	EH (mv)	No Standard	240	240	220	239	243	-	-	-	-	-	-	-	-	-
11/2001			34	122	222	57	88	-	-	-	-	-	-	-	-	-
3/2002			-6	239	220	62	1.0	-	-	-	-	-	-	-	-	-
6/2009			128.3	141.0	130.3	131.2	138.3	139.5	131.9	141.9	144.1	128.1	142.0	139.5	-	-
10/2011			136.1	-	130.7	134.9	130.9	138.1	130.3	130.5	135.7	132.0	130.1	133.5	132.1	-
3/2012			133.6	-	132.8	133.4	131.6	133.4	131.1	130.7	130.8	135.2	131.7	133.7	133.9	-
7/2012			-122.5	-	-153.9	-119.8	-125.0	-131.0	-135.1	-122.4	-119.5	-143.3	-124.7	-124.0	-123.5	-
9/2012			-128.5	-	-149.8	-122.1	-127.5	-140.1	-146.9	-124.9	-125.8	-118.5	-129.0	-124.9	-125.6	-
12/2012			-137.8	-	-162.6	-138.4	-140.6	-147.2	-157.6	-136.9	-137.3	-137.5	-135.5	-137.3	-139.1	-
3/2013			-198.8	-	-160.2	-141.2	-133.3	-143.4	-138.9	-130.8	-145.3	-138.7	-133.7	-138.7	-130.5	-
6/2013			-131.5	-	-156.9	-142.0	-132.8	-153.1	-155.1	-131.8	-150.2	-141.2	-130.8	-130.2	-129.1	-
9/2013			-	-	-137.6	-137.1	-137.5	-137.9	-122.6	-135.9	-136.8	-133.1	-133.6	-133.1	-132.5	-
12/2013			-	-	-135.1	-131.5	-130.2	-131.2	-130.2	-131.5	-130.7	-130.7	-129.5	-131.2	-130.5	-
3/2014			-137.6	-	-161.5	-138.3	-132.6	-159.0	-139.9	-135.1	-133.1	-156.7	-139.6	-138.6	-139.4	-
6/2014			-131.5	-	-130.8	-130.7	-131.8	-133.1	-141.5	-131.5	-131.2	-131.7	-131.5	-131.2	-131.2	-
9/2014			-130.3	-	-151.5	-140.3	-128.0	-153.0	-151.6	-131.6	-131.7	-144.3	-130.5	-129.2	-128.8	-
12/2014			197	-	272	349	224	422	351	240	235	199	217	334	240	-
3/2015			28	-	156	84	23	181	167	88	102	115	84	52	28	-
6/2015			197	-	210	-130	-177	101	81	119	117	202	220	336	-177	-
9/2015			-138	-	105	-132	-165	121	83	122	121	-14	-144	-224	-197	-
12/2015			204	-	222	204	295	281	299	202	317	123	201	204	288	-
3/2016			-	-	-	-	-	-	-	-	-	-	-	-	-	-
6/2016			-77	-	98	-112	-99	115	78	-53	47	39	38	-140	-87	-
9/2016			-71	-	16	-90	-80	24	66	-97	-77	20	34	-77	-120	-
12/2016			-75	-	119	-130	-77	55	71	-99	-70	10	-55	-71	-92	-
3/2017			-37	-	187	40	-25	161	34	52	13	58	70	-58	-63	-
6/2017			45	-	33	-41	-72	22	-12	-33	-16	67	61	-43	-60	
9/2017			-117	-	76	-127	-123	-21	-46	-130	-87	8	-70	-165	-144	
Q4 2017				-												
3/21/1990	Turbidity (NTU)	5 NTU	**9.7**	**6.3**	4.8	**31**	**20**	-	-	-	-	-	-	-	-	-
11/2001			**220**	**200**	**2,160**	**55**	**69**	**6**	**360**	**660**	**6.6**	**550**	**9.7**	2.2	-	-
3/2002			**91**	**16**	**150**	**17**	**67**	**9.9**	3.1	**120**	1.4	**19**	**19**	**5.7**	-	-
6/2009	(lab measured)		**362**	**59.4**	**58.4**	1.72	**16.3 (J)**	**436**	**6.22**	**620**	**14.7**	**105**	2.8	**118**	-	11.2 (J)
6/2009	(field measured)		-	**14.3**	**20.4**	**21.3**	**43.1**	**>200**	**17.3**	**41.6**	**17.5**	-	-	**28.3**	-	-
10/2011	(lab measured)		**372**	-	**30.1**	**46.1**	2.95	**42.7**	1.65	**38.3**	4.08	**17.6**	**33.2**	**655**	**505**	**760**

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
10/2011	Turbidity (NTU)	5 NTU	**10.5**	-	**12.3**	**10.5**	**8.1**	**145**	**14.1**	**50.5**	**15.3**	**35.7**	**24.7**	**35.9**	**545**	-
3/2012	(cotinued)		**8.11**	-	**12.1**	**13.7**	**15.3**	**13.5**	**10.3**	**8.21**	**12.1**	**8.35**	**15.4**	**855**	**12.5**	-
7/2012	(field measured)		**5.79**	-	**12.1**	4.13	**7.85**	**12.4**	4.37	**9.58**	**5.9**	4.15	4.26	**8.21**	4.79	-
9/2012	(field measured)		**6.36**	-	**172**	**7.68**	**5.92**	**5.27**	4.25	**5.83**	**6.63**	**8.83**	**5.29**	**9.37**	**6.72**	-
12/2012	(field measured)		2.63	-	**9.32**	4.62	**6.38**	3.32	3.22	4.48	3.68	3.22	3.53	**7.91**	**14.2**	-
3/2013	(field measured)		3.14	-	**20.4**	2.86	**5.33**	4.11	3.34	4.98	3.88	**10.5**	3.93	**7.35**	**12.5**	-
6/2013	(field measured)		**8.45**	-	**8.74**	4.85	**12.7**	**6.94**	3.56	**11.1**	**6.06**	0.66	4.42	**18.2**	2.03	-
9/2013	(field measured)		-	-	**12.5**	2.21	**12.5**	**8.35**	3.85	**33.1**	**7.25**	1.04	**6.78**	**14.5**	**14.8**	-
12/2013	(field measured)		-	-	**25.1**	**5.22**	**9.57**	**5.91**	2.79	**40.2**	**25.1**	4.95	**5.21**	**10.7**	4.23	-
3/2014	(field measured)		**8.35**	-	4.49	**5.2**	**6.5**	**7.29**	2.52	**27.8**	1.3	1.74	3.44	**8.46**	3.92	-
6/2014	(field measured)		3.22	-	**20.1**	**5.81**	**7.21**	**10.5**	3.11	**38.9**	3.8	**8.35**	4.21	**10.4**	**12.5**	-
9/2014	(field measured)		**10.13**	-	**10.67**	2.64	2.64	**6.61**	4.43	4.21	1.71	2.61	4.78	3.24	**6.05**	-
12/2014	(field measured)		2.11	-	3.51	2.12	**10.3**	**10.5**	4.22	**15.1**	3.12	**12.5**	4.12	**13.2**	**7.11**	-
3/2015	(field measured)		**17.2**	-	3.09	2.29	**9.35**	**29.1**	**13.1**	**21.5**	**9.16**	**20.2**	**12.1**	**14.2**	3.05	-
6/2015	(field measured)		**26.6**	-	**19.6**	**14.9**	**10.5**	**8.33**	**10.5**	**40.2**	**10.3**	3.39	2.93	**8.89**	**21.3**	-
9/2015	(field measured)		**30**	-	**15.4**	**6.26**	4.01	**10.3**	3.83	**13.8**	2.43	**7.42**	**11.99**	**10.8**	**13.3**	-
12/2015	(field measured)		**17.1**	-	**12.4**	**15.5**	**10.7**	**21.5**	3.11	**21.5**	**5.22**	**6.22**	2.05	**10.5**	**13.3**	-
3/2016	(field measured)		**35.1**	-	**21.6**	**7.2**	**6.4**	**12.5**	**10.5**	**31.4**	3.5	2.1	**6.5**	**39.3**	**12.1**	-
6/2016	(field measured)		**30.2**	-	**12.3**	4.1	**20.1**	**20.2**	**7.3**	**5.3**	**6.1**	**10.4**	3.3	**38**	**20.2**	-
9/2016	(field measured)		**44.5**	-	**31.5**	**15.2**	**5.0**	**21.7**	3.3	**34.7**	4.7	**21.4**	3.1	**21.4**	**20.1**	-
12/2016	(field measured)		**21.6**	-	**40.6**	**6.2**	**12.4**	4.2	3.3	**10.4**	3.1	3.4	4.8	**7.5**	**34.7**	-
3/2017	(field measured)		**12.7**	-	**21.9**	**11.75**	3.59	**12.2**	3.57	2.4	**26.7**	3.15	2.5	**37.8**	**27.9**	-
6/2017	(field measured)		**26.1**	-	**34.6**	**10.3**	**5.1**	**17.3**	4	**40.2**	4	**33.4**	4	**40.3**	**22.4**	
9/2017	(field measured)		**108.2**	-	**20.4**	**6.23**	2.34	4.25	2.41	2.14	**7.05**	4.08	**8.84**	**23.2**	**25.6**	
Q4 2017	(field measured)			-												
3/21/1990	Color (CPU)	15 Apha	**60**	5.0	<5.0	**20**	10	-	-	-	-	-	-	-	-	-
11/2001			**350**	**53**	**24**	**180**	**230**	**20**	**510**	**420**	**20**	**150**	**38**	<10	-	-
3/2002			**160**	**64**	**300**	<5.0	**190**	<5	**90**	**79**	<5	**85**	**70**	<5	-	-
6/2009			**500**	**75**	**45**	**20**	**25**	**100**	5	**750**	**50**	**150**	0	**100**	-	**25**
10/2011			**500**	-	**100**	**75**	10	**50**	0	**60**	15	**25**	**125**	**1250**	**1500**	**1500**
7/2012			**70**	-	<5	5	15	5	<5	**25**	10	5	**20**	**60**	15	5
9/2013			-	-	<5	10	5	<5	<5	10	<5	<5	<5	5	5	<5
12/2014			10	-	5	**20**	5	<5	<5	5	5	5	10	10	5	15
3/2015			**70**	-	<5	5	5	<5	<5	<5	<5	<5	15	**30**	**28**	<5
6/2016			**175**	-	5	**60**	**150**	10	<5	**125**	**20**	10	**30**	5	5	5
9/2017			5	-	10	<5	<5	10	<5	<5	10	5	<5	<5	5	15
3/21/1990	Specific	No Standard	2,539	847	471	989	1,506	-	-	-	-	-	-	-	-	-
11/2001	Conductivity (uS)		1,905	523	737	462	1,126	-	-	-	-	-	-	-	-	-
3/2002			2,260	10.31	2.8	617	430	-	-	-	-	-	-	-	-	-
6/2009			561	462	665	529	504	173.1	106.3	580	469	446	175.4	160.3	-	-
10/2011			132	-	633	1223	695	201.0	227	619	483	541	519	651	733	-
3/2012			1,771	-	680	1021	704	319	285	603	521	671	497	390	715	-
7/2012			1,153	-	741	817	1,164	315	209	1,202	784	541	222	612	739	-
9/2012			1,269	-	563	821	1,051	256	198	1,162	831	503	953	555	653	-
12/2012			1,032	-	461	813	1,060	277	237	876	611	622	643	477	594	-
3/2013			1,003	-	499	504	922	301	215	715	589	533	601	515	618	-
6/2013			893	-	258	291	705	215	193.4	797	512	431	495	425	508	-
9/2013			-	-	461	308	749	167.9	221	750	405	525	527	447	540	-
12/2013			-	-	515	157.2	663	250	190.8	761	359	383	490	429	480	-
3/2014			845	-	490	273	744	252	312	665	423	475	481	432	507	-
6/2014			1,885	-	509	608	922	199.5	222	702	595	199	582	463	577	-
9/2014			1,370	-	839	213	689	179	206	656	405	202	503	393	529	-
12/2014			1,195	-	917	311	615	221	319	895	442	371	548	534	662	-
3/2015			1,803	-	648	365	983	367	382	918	550	382	587	595	658	-
6/2015			1,365	-	724	219	918	237	233	894	601	319	486	436	813	-
9/2015			2,680	-	978	203	923	180	188	782	357	294	551	345	556	-
12/2015			1,737	-	901	383	812	235	412	994	612	401	503	369	617	-
3/2016			3.02 mS	-	885	363	861	302	67	673	480	397	481	502	570	-
6/2016			1,855	-	987	352	804	320	471	583	387	377	492	677	566	-
9/2016			1,399	-	878	453	917	331	181	1,202	452	332	533	592	722	-
12/2016			1,447	-	890	442	991	293	155	920	395	366	512	611	714	-
3/2017			1,887	-	1536	521	1,298	365	206	635	1,021	496	588	564	810	-
6/2017			1,414	-	909	623	1,010	275	182	1,277	487	299	433	601	663	
9/2017			3.00 mS	-	2.19 mS	538	1,064	254	197	1,013	597	355	551	1,093	736	
Q4 2017																

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
3/21/1990	Total Dissolved	500	**1,660**	**540**	223	**679**	**952**	-	-	-	-	-	-	-	-	-
11/2001	Solids (mg/l)		**1,600**	**880**	**610**	260	**830**	**4,100**	93	**3,500**	190	**2,100**	**580**	**1,300**	-	-
3/2002			**1,300**	**630**	210	290	**540**	120	50	**540**	320	410	**540**	170	-	-
6/2009			**940**	**850**	320	**1000**	**760**	190	120	500	**960**	**550**	**830**	**720**	-	**740**
10/2011			**660**	-	**920**	440	380	120	140	**640**	350	320	280	330	350	320
3/2012			**545**	-	170	430	**730**	215	95	**720**	470	340	**805**	270	375	**830**
7/2012			**575**	-	352	390	**620**	160	92.5	**517**	292	285	**1,150**	320	360	277
9/2012			**680**	-	320	375	**585**	115	70	485	400	335	**545**	260	355	**710**
12/2012			465	-	350	430	470	225	195	**545**	375	335	320	210	275	265
3/2013			490	-	160	155	465	120	70	400	305	260	215	200	225	155
6/2013			**660**	-	235	125	345	75	80	395	220	300	295	320	305	**540**
9/2013			-	-	**515**	145	455	95	170	470	250	400	295	230	305	115
12/2013			-	-	260	125	480	145	130	480	250	245	345	180	315	480
3/2014			**525**	-	290	105	430	105	145	375	215	375	325	190	300	**535**
6/2014			**1,190**	-	**1060**	105	490	75	85	410	250	85	305	185	235	235
9/2014			**975**	-	**535**	80	440	55	100	425	200	105	305	160	290	400
12/2014			**740 ***	-	390 *	35 * (J)	435 *	50 *	40 * (J)	410 *	190 *	290 *	395 *	390 *	230 *	75 * (J)
3/2015			**835**	-	280	140	450 *	160 *	60 *	425 *	250 *	180 *	340 *	210 *	320 *	205 *
6/2015			**1,110**	-	500	90	460	105	140	460	215	185	300	215	305	300
9/2015			**1,370**	-	**1070**	105	**570**	105	115	430	205	190	325	205	290	85
12/2015			**1,090**	-	**1,080**	170	175	115	120	**515**	215	275	315	170	315	600
3/2016			**805**	-	**540**	115	**555**	235	85	410	260	220	245	260	300	85
6/2016			**876**	-	**765**	209	**526**	223	90	483	236	237	295	387	344	358
9/2016			**1,010**	-	**679**	229	458	173	88	361	224	180	301	251	367	84
12/2016			**729**	-	**592**	205	**559**	193	103	460	201	213	314	227	386	183
3/2017			**780 B**	-	489 B	243 B	**607 B**	224 B	133 B	443 B	358 B	358 B	310 B	257 B	396 B	121 B
6/2017			**1,170**	-	**632**	294	**609**	165	86	491	329	196	280	437	338	146
9/2017			**1,860**	-	**1,210**	266	**545**	128	87	449	303	163	255	465	343	303
Q4 2017				-												
3/21/1990	Chemical Oxygen	No Standard	207	11	<5.0	29	11	-	-	-	-	-	-	-	-	-
11/2001	Demand (mg/l)		77	<5.0	<5.0	18	27	69	<5.0	67	84	47	<5.0	84	-	-
3/2002			63	<5.0	<5.0	24	27	24	<5.0	39	7.0	29	<5.0	14	-	-
6/2009			13 J (<13 U)	31 (<31 U)	49 (<49 U)	7.7 J (<7.7 U)	26 (<26 U)	<20	<20	6.9 J (<6.9 U)	9.8 J (<9.8 U)	13 J (<13 U)	<21	8.7 J (<8.7 U)	-	35 (<35 U)
10/2011			44.1	-	7.54	15.1	13.8	<1.62	<1.62	25.0	<1.62	<1.62	7.35	19.2 (J)	14.1	38.2 J
3/2012			34	-	6.65	14.4	27.7	<5	<5	44.2	14.4	13	21	49.1	19.3	12.3
7/2012			<5	-	5.07	9.24	8.55	<5	<5	28.0	<5	<5	<5	<5	8.55	<5
9/2012			20.4	-	<5	<5	7.16	<5	<5	19.0	<5	<5	<5	18.3	9.94	16.9
12/2012			18.5	-	<5	8.68	15.5	<5	<5	19.9	5.29	6.65	11.1	20.5	14.4	12.7
3/2013			25.1 *	-	<5 *	6.28 *	20.9 *	<5 *	<5 *	13.9 *	<5 *	<5 *	<5 *	14.3 *	13.3 *	10.8 *
6/2013			17.3	-	<5	<5	6.35	<5	<5	18.3	<5	<5	<5	20.7	<5	22
9/2013			-	-	<5	16.6 (J)	17.9 (J)	6.81 (J)	<5	21.8 (J)	15.6 (J)	<5	16.6 (J)	30.3 (J)	16.3 (J)	<5
12/2013			-	-	8.83	5.49	10.2	9.16	9.83	27.2	17.9	10.5	17.5	28.2	16.9	9.5
3/2014			22.6	-	<5	11.6	17.2	6.93	7.27	18.2	7.93	13.9	13.6	9.93	14.6	25.9
6/2014			29.6	-	16.7	<5	17.3	<5	8.16	17.7	<5	6.46	15.3	23.8	14.6	17.3
9/2014			26.9	-	11.4	8.67	8.67	<5	5.24	16.6	9.7	7.3	13.8	21.7	17.6	13.8
12/2014			26.1	-	12.3	5.42	16.5	<5	<5	20.9	13.7	6.8	16.8	17.5	11.3	5.08
3/2015			27.4	-	<5.0	5.52 (J+)	20	7.21 (J+)	<5	18.0	13.3 (J+)	11.3 (J+)	8.56 (J+)	22.7	16.7 (J+)	8.56 (J+)
6/2015			23.1	-	16.9	11.7	31.3	13.4	13.1	26.5	34.1	<5	17.9	25.5	7.21	27.6
9/2015			33.6	-	11	11.7	23.2	8.26	8.26	16.9	12.4	11.7	8.26	24.6	17.6	7.91
12/2015			21.9	-	10.1	19.9	20.9	6.12	5	17.2	12.2	11.2	19.6	18.6	11.2	17.9
3/2016			42.4	-	22.2	<5	41.4	7.02	5.67	17.1	9.38	26.2	26.9	41.4	33.7	8.37
6/2016			23.5	-	<5.0	<5.0	11.1	<5.0	<5.0	8.8 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9/2016			20.4	-	7.6 J	7.0 J	18	5.8 J^	<5.0	16.5	<5.0	5.5 J	9.5 J	17.1	15.2	<5.0
12/2016			15.5	-	<5.0	<5.0	<5.0 F1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 F1	<5.0	<5.0
3/2017			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
6/2017			6.6 J	-	<5.0	<5.0	14.7	<5.0	7.3 J	5.0 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9/2017			17.4	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.4 J	<5.0	<5.0	<5.0	<5.0	7.9 J
Q4 2017				-												
3/21/1990	Biochemical Oxygen	No Standard	44	<2.0	<2.0	12	<2.0	-	-	-	-	-	-	-	-	-
11/2001	Demand (mg/l)		30	4.0	<2.0	10	16	40	4.2	32	38	31	3.3	42	-	-
3/2002			27	2.8	<2.0	18	13	21	3.8	25	6.0	13	<2.0	9.5	-	-
6/2009			15	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	6	<3.0	10	<3.0	<3.0	-	<3.0
10/2011			6.00	-	<1.81	<1.81	<1.81	<1.81	<1.81	<1.81	<1.81	<1.81	<1.81	6.00	6.00	4.00
3/2012			4.8	-	<2 J	4.9	3.7	<2 J	<2 J	<2 J	<2 J	<2 J	<2 J	4.0	4.9	<2 J
7/2012			21	-	2 JE	2 JE	2 JE	2 JE	2 JE	4.4	2 JE	2 JE	2 JE	2 JE	4.60	2 JE

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
9/2012	Biochemical Oxygen	No Standard	16 *	-	<2 JE	3.4 *	<2 JE	<2 JE	<2 JE	5.2 *	<2 JE	<2 JE	<2 JE	7.3 *	3.8 *	5.6 E
12/2012	Demand (mg/l)		20 *	-	<2 E	<2	<2	<2 E	<2 E	2.3 E	<2 E	<2 E	<2 E	8.9	3.2	3.8
3/2013	(continued)		13.40	-	2.74 E	4.28	<7.3 E	<2	<2	5.3 E	<2 E	<2	<2 E	32 E	<32 E	<7.3 E
6/2013			16	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	8.3	3.8	25
9/2013			-	-	<2 B	15 B	<2 B	<2 B	<2 B	2.4 BE	2.8 B	<2 B	<2 B	14 B	3.0 B	<2 B
12/2013			-	-	<2	<2	2.3	<2	<2	9.15	7.09	<2	<2	8.2	2.8	<2
3/2014			25	-	<2 E	3.9	2.7	<2	<2	3.30 E*	<2	<2	<2	11.0	<2 E	26
6/2014			21.8 B	-	2.31	2.54	<4 EB	<2 B	<2 B	4.26 E	<2	<2 B	<2 B	7.13 B	6.24 B	9.64 B
9/2014			23 B	-	<2 B	<2	<2 B	<2	<2	2.58	<2	<2 B	<2 B	7.3 B	<2 B	<2 B
12/2014			17	-	<2	<2	3.6	<2	<2	3.5	<2	<2	2.9	7.7	3.3	<2
3/2015			2.3 B (<2.3 UJ)	-	<6.0 BE (UJ)	<2.0 E	<2.0 E	<2.0 E	<2.0 E	3.00 E	<2.73 E (UJ)	<6.0 BE (UJ)	<6.0 BE (UJ)	<12 BE (UJ)	<6.0 BE (UJ)	<6.0 BE (UJ)
6/2015			12 B	-	<2.0 B	<2.0 B	<2.0 BE	<2.0 B	<2.0 B	2.3 B	<2.00 B	<2.0 B	<2.0 B	5.2 B	<2.0 BE	2.2 B
9/2015			24	-	<2.0	<2.0 E	4.05	<2.0 E	<2.0 E	2.1 E	<2.0 E	<2.0	2	7.7	2.1 E	<2.0
12/2015			17 *	-	<2.0 *	3.40 Q	<2.0 E*	<2.0 Q	<2.0 Q	3.4 Q	<2.0 Q	<2.0 *	<2.0 *	4.1 *	<2.0 E*	<2.0 *
3/2016			14 Q	-	<2.0 Q	<2.0 D	<2.0 DE	<2.0 D	<2.0 D	2.2 D	<2.0 D	<2.0 D	<2.0 D	3.5 Q	3.7 D	<2.0 D
6/2016			6.8	-	<2.0	<2.0	2.2	<2.0	<2.0 F1	2.5	<2.0	<2.0	<2.0	<2.0	<2.0	2.0
9/2016			4.8 b	-	<2.0	6.9	10.3 b	<2.0	2.7 b	3.0 b	<2.0	<2.0	<2.0	<2.0	10.8 b	<2.0
12/2016			7.9 b	-	<2.0	<2.0	12.8 b	<2.0	<2.0	<2.0	<2.0	<3.0	<2.0	2.0 b	13.5 b	<2.0
3/2017			5.9 b	-	<2.0	<2.0	2.9 b	<2.0	<2.0	3.3 b	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
6/2017			4.9	-	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	5.0	<2.0
9/2017			2.1	-	2.6 b	<2.0	<2.0	<2.0	<2.0	2.1	<2.0	<2.0	<2.0	3.0 b	<2.0	<2.0
Q4 2017				-												
11/6/1985	Total Organic	No Standard	54	17	15	37	48	-	-	-	-	-	-	-	-	-
3/21/1990	Carbon (mg/l)		46.6	8.2	5.2	16	8.0	-	-	-	-	-	-	-	-	-
11/2001			29	5.6	1.2	5.8	21	41	0.67	17	15	8.6	1.8	3.7	-	-
3/2002			21	1.7	0.72	7.6	9.9	8.6	1.5	13.7	4.1	10.3	5.1	6.4	-	-
6/2009			13.6	5.2	1.92	11.4	10.1	1.42 (<1.42 U)	0.46 J (<0.46 U)	16.5	5.33	3.48	2.36 (<2.36 U)	2.56 (<2.6 U)	-	8.89
10/2011			12.7	-	1.49 (<1.49 U)	6.36	4.06	0.820 J (<0.820 U)	0.840 J (<0.840 U)	10.4	2.39 (<2.39 U)	3.09 (<3.09 U)	2.95 (<2.95 U)	3.33	3.67	3.29
3/2012			10.1	-	1.96	5.02	9.9	<1	<1	14.5	5.64	2.71	2.66	4.63	4.76	2.78
7/2012			7.73	-	1.47 (<1.47)	4.07 (<4.07)	6.4	1.23	<1	9.37	4.37	1.78 (<1.78)	1.99 (<1.99)	4.28 (<4.28)	3.67 (<3.67)	1.87 (<1.87)
9/2012			8.31 N	-	2.85 N	4.54 N	6.53 N	1.84 N	2.08 N	11.9 N	5.45 N	3.04 N	3.52 N	6.51 N	4.89 N	8.33 N
12/2012			7.1	-	2.48	4.19	5.74	1.81	1.51	6.75	3.24	3.53	3.22	5.21	4.24	5.02
3/2013			7.09	-	1.69	3.27	6.88	1.29	<1	6.06	2.91	3.17	3.41	3.96	4.4	2.95
6/2013			6.33	-	1.53	2.87	3.99	1.31	1.34	5.25	2.4	2.48	3.59	3.89	3.46	6.42
9/2013			-	-	1.53	3.78	4.22	1.33	1.09	5.31	2.9	4.01	4.72	5.66	4.33	1.02
12/2013			-	-	1.15	2.11	3.82	<1	<1	5.65	2.23	1.46	3.5	3.66	3.38	3.81
3/2014			5.94	-	1.21	2.16	3.97	<1	<1	5.92	2.44	2.55	3.17	3.4	3.23	5.72
6/2014			6.68	-	2.05	1.73	4.16	<1	1.27	5.5	2.59	1.07	4.19	4.16	4.2	4.11
9/2014			5.85	-	1.03	<1	2.52	<1	<1	2.46	1.5	<1	3.03	3.01	3.03	2.79
12/2014			7.44	-	2	1.98	4.01	1.36	<1	5.85	2.61	2.06	4.19	4.36	4	2.07
3/2015			6.54	-	<1	1.48	1.4	1.59	<1	1.92	<1	1.55	2.31	3.36	3.11	1.58
6/2015			6.26	-	1.08	1.82	4.23	<1	<1	4.89	1.71	2.2	3.34	4.05	3.98	3.99
9/2015			6.53	-	<1	<1	3.15	<1	<1	3	1.33	1.45	2.77	3.06	2.61	<1
12/2015			6.23	-	1.14	3.41	3.41	<1	<1	5.87	2.1	2.43	3.89	3.48	3.44	3.37
3/2016			5.95	-	1.48	1.21	3.4	<1	<1	3.59	1.44	2.01	2.85	3.52	2.79	<1
6/2016			4.1	-	0.67 J	0.71 J	2.1	<0.43	<0.43	3.1	0.83 J	1.2	2.5	2.3	2.1	2.2
9/2016			3.6	-	0.47 J	0.44 J	3.5	<0.43	<0.43	1.4	0.82 J	0.70 J	2.5	2.1	2.0	<0.43
12/2016			5.0 B	-	1.0 B	1.4 B	2.9 B	0.85 JB	0.67 JB	2.5 B	1.5 B	1.6 B	2.9 B	2.3 B	2.8 B	0.76 JB
3/2017			3.7	-	1.2	1.2	2.1	<0.43	<0.43	2.5	0.67 J	1.1	2.2	2.1	2.1	<0.43
6/2017			5.1	-	1.4	1.7	3.7	1.0	0.55 J	2.8	1.3	1.5	3.0	3.3	2.5	0.98 J
9/2017			5.4 B	-	1.8 B	1.2 B	3.6 B	0.92 JB	0.63 JB	2.6 B	1.7 B	1.4 B	2.9 B	3.6 B	2.7 B	1.3 B
Q4 2017				-												
11/6/1985	Sulfate (mg/l)	250	2.5	16	23	115	103	-	-	-	-	-	-	-	-	-
3/21/1990			<2.0	6.0	19	120	40	-	-	-	-	-	-	-	-	-
11/2001			24	37	<10	48	66	59	5.0	120	35	19	24	12	-	-
3/2002			6.0	18	7.0	49	31	15	4.0	45	47	71	42	9.0	-	-
6/2009			18.6	8.27	38.2	173	74.2	19.3	8.98	144	85.1	53	71.3	15.1	-	73.9
10/2011			0.670 J	-	21.6	56.8	32.6	1.81	11.8	64.5	63.0	37.8	4.88	5.2	3.73	5.25
3/2012			<2	-	21.6	60.7	63.1	16.2	8.3	44.5	54.8	17.7	64.8	5.62	2.04	65.1
7/2012			6.3	-	33.8	32.6	50.1	26.3	9.21	50.7	44.1	11.7	65.7	3.5	<2	11.3
9/2012			26.1 N	-	29 N	28.5 N	40.9.N	17.7 N	8.9.N	43.2 N	54.1 N	14.3 N	33.6 N	<2 N	<2 N	27.8 N
12/2012			2.37	-	20.8	19.2	33.7	19.9	9.67	37	24.7	39.6	2.21	<2	<2	<2
3/2013			<2	-	20.9	18.2	36.7	19.4	7.37	36.6	22.7	17.3	<2	<2	<2	<2
6/2013			4.41	-	20.5	10.6	25	17.1	6.95	43.6	22.1	60.4	<2	<2	2.26	4.11
9/2013			-	-	19.1	5.7	27.1	15	7.18	35.9	19.7	92.6	<2	<2	<2	14.5

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
12/2013	Sulfate (mg/l)	250	-	-	20.3	7.73	23.9	15.4	8.95	31.4	16.8	61.7	<2	<2	<2	25.1
3/2014	(continued)		6.38	-	18.1	13.2	28.8	7.84	9.46	42.1	16.2	99.4	<2	<2	2.26	6.55
6/2014			19.5	-	24.0	11.6	29.8	13.5	9.75	58.3	16.9	19	3.28	<2	<2	<2
9/2014			29.7	-	23.7	9.21	24.2	16.3	9.58	42.9	15.2	16.2	3.9	<2	<2	24
12/2014			6.37	-	21.1	10.8	24.5	14.2	9.24	30.4	14.8	28.9	3.08	1.16	2.68	10.7
3/2015			17.9	-	17.6	13.5	26.8	20.6	8.92	35.2	17.4	35.1	2.06	3.2	2.23	33.2
6/2015			9.51	-	15	8.91	21.4	16.1	9.13	46.1	16.7	49.8	3.3	7.04	<2	<2
9/2015			29.2	-	26.9	8.55	23.2	15.3	10.6	34.7	18.5	65.7	4.75	5.78	<4	10.6
12/2015			21.2	-	25	24.6	33.8	21.1	10.1	36	17.3	34.6	<4	6.91	<4	31.8
3/2016			15.5	-	36	12.9	30.7	14.7	9.12	33.2	19.5	23.9	<4	11.5	<4	9.33
6/2016			9.6	-	25.6	16.6	28.6	23.9	11.6	38.6	19.8	52.6	4.6	12.7	2.4	2.3
9/2016			16.1	-	35.6	14.1 B	28.6 B	23.2 B	9.2 B	28.1 B	20.4 B	44.6	1.2 J	9.5	3.5 B	9.3 B
12/2016			14.2 J	-	21.7	19.8	27.1	20.6	9.5	7.6	19.2	47.8	2.3 J	7.7	8.8	19.2
3/2017			12.5	-	19.1	13.2	20.2	17.5	9.3	32.9 B	20.6 B	44.3 B	4.7 B	24.6 B	4.6 B	10.9 B
6/2017			45.6	-	24.8	17.1	32.5	23.2	8.7	33.6	18.6	44.2	5.9	28.9	4.2	24.2
9/2017			123	-	28.5	14	31.9	20.7	9.2	33	17	36.8	3.4 J	18.7	3.3 J	16.4
Q4 2017				-												
3/21/1990	Alkalinity (mg/l)	No Standard	1,390	288	53	370	315	-	-	-	-	-	-	-	-	-
11/2001			730	240	90	140	470	33	32	440	52	270	140	20	-	-
3/2002			570	78	40	200	400	32	32	340	190	290	120	19	-	-
6/2009			850	250	92	430	410 (J)	65	76	600	300	280	160	170	-	520 (J)
10/2011			555	-	65.9	359	313	43.9	60.9	413	163	231	205	160	257	161
3/2012			444	-	62	254	508	34	56	540	266	205	132	120	252	124
7/2012			350	-	50	200	370	48	60	410	240	220	100	192	250	220
9/2012			320	-	60	210	290	50	54	420	240	210	190	180	240	420
12/2012			380	-	33	170	290	60	50	290	226	260	310	190	240	240
3/2013			360	-	22.5	110	270	53.3	50	340	150	240	220	150	240	220
6/2013			340	-	22	90	230	36.6	50	250	140	90	240	138	220	336
9/2013			-	-	30	78	210	50 (J)	58	180	120	175	240	162	222	24 (J)
12/2013			-	-	28	46	224	30	40	196	108	108	268	150	216	184
3/2014			364	-	34	80	238	24	36	260	170	154	244	142	224	354
6/2014			226	-	24	60	212	22	50	160	126	48	220	108	180	178
9/2014			306	-	28	46	142	24	46	132	120	52	192	98	180	150
12/2014			282	-	28	56 (J)	180	28	60	204	112	84	248	130	202	72 (J)
3/2015			370	-	<10	80	230	22	46.7	150	110	120	230	80	220	130
6/2015			280	-	36	66	214	30	66	212	106	50	218	112	236	226
9/2015			338	-	18	38	150	20	56	124	82	66	202	100	202	50
12/2015			284	-	38	74	208	22	72	108	166	168	210	86	194	222
3/2016			326	-	86	78	230	28	46	164	98	178	222	80	210	70
6/2016			384	-	21.9	53.4	194	16	59	208	87.5	155	208	83.3	227	237
9/2016			310 B	-	33.8 F1 B	78.7 B	183 B	24.6 B	49.5 B	110 B	92	97.6 B	255 B	92.6 B	205 B	45.5
12/2016			441 B	-	29.2 B	96.6	180	28.6 B	47.0 B	225 B	89.5 B	96.6 B	234 B	69.0 B	216	31.3 B
3/2017			157 B	-	30.9	83.4	<4.0	27.6	55.7	7.1 JB	79.9 B	130 B	233	68.4 B	141	52.1 B
6/2017			314 B	-	41.4	127	207 B	28.0 B	41.5 B	180	74.6	98.9 B	220 B	67.6 B	234 B	32.1 B
9/2017			409	-	23.6	95.3	226	32.5	52.1	167	94.5	124	218	85.1	239	81.9
Q4 2017				-												
3/2012	Bromide (mg/l)	2.0 (GV)	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
7/2012			<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
9/2012			<1.5 N	-	**33 N**	<1 N	<1.5.N	<1 N	<1 N	<1 N	<1 N	<1 N	<1 N	<1 N	<1 N	<1 UN
12/2012			<1	-	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1
3/2013			<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
6/2013			<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
9/2013			-	-	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<1
12/2013			-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
3/2014			<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
6/2014			<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
9/2014			<1 N*	-	<1 N*	<1 N*	<1 N*	<1 N*	<1 N*	<1 N*	<1 N*	<1 N*	<1 N*	<1 N*	<1 N*	<1 N*
12/2014			<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
3/2015			<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
6/2015			<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
9/2015			<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
12/2015			<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
3/2016			<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
6/2016			0.27 J	-	0.28 J	<0.073	0.26 J	<0.073	<0.073	0.27	<0.073	<0.073	<0.073	0.14 J	0.14 J	0.14 J
9/2016			0.16 J	-	<0.15	0.089 J	0.17 J	<0.073	<0.073	0.20 J	<0.073	<0.073	<0.073	<0.073	0.087 J	<0.073

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
12/2016	Bromide (mg/l)	2.0 (GV)	<0.73	-	<0.37	<0.073	<0.37	<0.073	<0.073	<0.073	<0.073	<0.15	<0.15	<0.15	<0.073	<0.073
3/2017			<0.15	-	<0.15	<0.073	<0.15	<0.073	<0.073	0.18 J	<0.073	<0.073	<0.073	<0.073	<0.073	<0.073
6/2017			<0.37	-	<0.15	<0.15	<0.37	<0.073	<0.073	<0.37	<0.15	<0.073	<0.15	<0.15	<0.15	<0.73
9/2017			<0.73	-	<0.37	<0.073	<0.37	<0.073	<0.073	<0.37	<0.15	<0.073	<0.15	<0.37	<0.15	<0.15
Q4 2017				-												
11/6/1985	Chloride (mg/l)	250	184	29	197	99	145	-	-	-	-	-	-	-	-	-
3/21/1990			103	86	92	42	**252**	-	-	-	-	-	-	-	-	-
11/2001			**420**	52	140	42	140	13	19	120	24	96	140	**270**	-	-
3/2002			**300**	**330**	110	35	110	52	11	150	77	93	**520**	94	-	-
6/2009			130	242	**303**	148	84.2	54.4	16.6	126	54.4	64.2	192	68.3	-	84.5
10/2011			80.5	-	**518 GS1 (518)**	31.7	10.2	13.5	23.2	85.5	62.4	2.02	26.8 (J)	88.6 GS1 (88.6)	46.7	87.4 GS1 (87.4)
3/2012			65.7	-	24.8	41.7	68.7	77.7	14	112	76.9	<1	**351**	69.9	56.2	**343**
7/2012			135	-	159	125	145	52.3	13.3	114	81	1.9	**587**	40.8	54.4	2.05
9/2012			168	-	111	134	179	33	12.4	112	102	2.14	143	28.3	42.9	176
12/2012			105	-	72.2	116	166	25.3	22.7	67.3	69.3	1.25	27.9	25.7	36.6	36.8
3/2013			71.1	-	21.3	47.7	126	37.2	19.8	58.1	80.6	1.17	27.4	26.9	36.4	27.4
6/2013			114	-	28.4	9.31	95.8	26.4	18.9	79.4	74.6	2.44	28.7	32.4	35	112
9/2013			-	-	199	15.5	108	12.6	40.1	93.1	42.1	1.4	28	24	33	13
12/2013			-	-	69.6	15.9	113	23.5	16.3	83.8	36	2.16	27.1	25.3	32.7	112
3/2014			86.1	-	87.1	12.1	108	51.8	55.8	64.4	36.8	1.86	27.4	34.1	34.4	85
6/2014			**434**	-	**469**	14.7	97.6	17.5	17.9	70.8	41.5	10	32.5	29.2	25.2	25.9
9/2014			**318**	-	**261**	21.1	123	13.6	19.8	129	37.6	5.52	29.3	32.6	34.7	123
12/2014			147	-	105	23.4	143	23.6	14.2	139	53.4	6.29	29.5	31.6	40.7	23.5
3/2015			**253**	-	115	27	121	61.8	11.3	104	71.8	1.38	27.6	48.2	33.6	1.39
6/2015			**430**	-	171	19.7	126	28.5	26.9	96.3	47.3	3.33	32	45	40.8	41
9/2015			**626**	-	**550**	30.6	191	40.3	13.4	161	52.9	3.47	51	44.8	48.2	13.3
12/2015			**444**	-	**497**	29.6	194	19.5	12.5	167	51.5	3.1	32.9	34.2	56.2	193
3/2016			239	-	**263**	23.3	160	95.3	10.7	129	104	<2	29.3	137	54.1	10.9
6/2016			182	-	**316**	66.1	158	64.6	13.4	101	65	2	32.5	142	60	59.5
9/2016			**355**	-	**332**	75.3	134	49.5	9.0	123	61.9	4.9	27.3	70.3	68.6	9.0
12/2016			198	-	167	47.1	192	46.7	6.3	29.6	54.2	3.7	25.9	89.1	76.9	44
3/2017			182	-	180	44.3	231	68.4	13.3	139	118	56.2	30.5	127	86.5	13.4
6/2017			**363**	-	190	86.5	192	35.6	8.4	175	121	9.1	32.5	182	56.8	34.9
9/2017			**845**	-	**525**	89.8	167	35.7	16.5	167	118	2.7	29.4	241	73.5	116
Q4 2017				-												
3/21/1990	Total Hardness	No Standard	376	379	50	317	302	-	-	-	-	-	-	-	-	-
11/2001	(mg/l)		580	250	90	130	400	110	36	580	54	230	280	68	-	-
3/2002			600	140	40	200	260	70	32	290	190	240	320	82	-	-
6/2009			630	280	94	530	500	48	56	560	250	270	330	130	-	480
10/2011			490	-	160	390	330	56	71	430	190	280	170	160	350	170
3/2012			392	-	77	294	530	91	54	444	280	300	313	128	246	316
7/2012			394	-	107	249	374	77	57	347	264	284	359	172	238	282
9/2012			378	-	85	224	325	44	54	410	282	277	134	165	216	380
12/2012			291	-	106	182	238	52	64	257	164	301	79	152	211	203
3/2013			353	-	86	79	220	41	64	236	167	271	169	143	210	173
6/2013			410	-	86	44	159	23	60	257	164	211	234	136	217	383
9/2013			-	-	119	38	172	26	72	214	119	303	248	132	224	27
12/2013			-	-	58	35	224	42	57	275	133	184	289	157	235	227
3/2014			316	-	134	99	237	60	122	261	143	297	271	132	213	312
6/2014			655	-	280	87	265	50	61	256	143	75	263	112	212	218
9/2014			369	-	137	67	195	43	58	298	113	78	239	111	216	189
12/2014			341	-	80	90	328	58	60	264	121	147	266	129	231	88
3/2015			402	-	83	115	201	88	66	168	138	165	237	117	216	168
6/2015			458	-	127	63	224	59	85	210	112	123	218	100	203	210
9/2015			464	-	303	58	272	45	70	274	115	120	242	110	200	70
12/2015			339	-	272	122	246	46	66	268	117	244	233	101	208	236
3/2016			264	-	59	96	234	131	76	203	147	233	231	127	224	77
6/2016			388	-	164	104	208	112	76	184	120	212	232	128	236	240
9/2016			384	-	164	156	204	76	64	520	360	160	260	160	232	156
12/2016			296	-	116	92	224	36	36	224	128	188	236	100	208	44
3/2017			304	-	128	156	224	48	68	240	148	248	228	88	236	64
6/2017			356	-	112	164	224	64	28	228	164	148	244	132	196	64
9/2017			444	-	188	92	212	52	60	188	144	156	336	180	220	144
Q4 2017				-												

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
3/21/1990	Total Kjeldahl	No Standard	55.4	0.6	<0.5	9.0	7.5	-	-	-	-	-	-	-	-	-
11/2001	Nitrogen (mg/l)		33	1.1	<1.0	6.0	12	1.3	<1.0	18	1.2	7.0	<1.0	<1.0	-	-
3/2002			<1.0	<1.0	<1.0	3.9	9.5	12	<1.0	17	2.4	6.4	1.5	2.6	-	-
6/2009			22	0.33	<0.2	<0.2	32 (J)	0.37	<0.2	14	10	1.1	<0.2	0.23	-	13 (J)
10/2011			12.9	-	<0.179	5.11	0.910	<0.179	<0.179	8.54	3.15	<0.179	0.280	0.560	3.22	1.33
3/2012			17.4	-	1.12	4.48	10.6	1.68	1.68	21.8	3.92	1.68 (J)	1.12	2.8	3.92	2.24 * (J)
7/2012			15.1	-	3.36	5.6	10.1 *	2.8	2.8	19.0	5.6	3.9	2.240	2.240	4.48 *	1.68
9/2012			12.9 *	-	0.56 *	9.52 *	7.84 *	1.12 *	1.12 *	16.8 *	3.36 *	8.40 *	1.12 *	3.36 *	4.48 *	14.0 *
12/2012			9.52	-	3.36	1.68	13.4	2.24	1.68	11.2	1.68	3.4	1.12	4.48	2.80	1.68
3/2013			11.76	-	2.8	9.52	10.64	3.36	0.56	10.08	3.36	2.8	3.36	3.92	3.92	1.12
6/2013			9.52	-	1.68	5.6	7.28	2.8	2.24	8.96	3.36	1.12	1.12	4.48	3.92	8.96
9/2013			-	-	1.68 (U)	2.24 (U)	2.8 (U)	1.68 (U)	1.68 (U)	9.52	2.8 (U)	2.8 (U)	4.48	5.04	2.24 (U)	2.8 (U)
12/2013			-	-	1.12	2.80 *	5.6	1.68 *	1.68	3.36	3.92	1.1	2.8	3.92	1.68 N	1.12
3/2014			7.28 N	-	2.24 N	6.72	5.6	1.68	2.24	6.16	3.92	4.48	3.36	3.36	5.04	7.84
6/2014			13.44	-	5.04	6.16	7.28	1.68	3.36	6.72	2.24 *	2.24	7.28	6.72	3.92	2.24
9/2014			7.84	-	3.92	5.60	4.48	3.92 N	<0.56	5.04	2.80	2.80	2.80	8.40	2.24	3.36
12/2014			7.28	-	1.68	2.24	5.04	5.04	3.36	5.60	3.36	2.24	3.36	2.24	4.48	2.80
3/2015			5.04	-	1.12	1.12	3.92	0.56	1.12	1.68	2.80	2.80 (J)	2.80	2.80	1.68	1.12 (J)
6/2015			6.72	-	3.36	3.36	3.92	1.68	1.68	6.72	5.04	1.12	2.24	1.68	3.92	5.04
9/2015			10.08	-	1.68	6.72	3.92	1.68	5.60	6.16	3.92	3.36	3.36	3.92	3.36	2.80
12/2015			7.28	-	2.24 *	1.68	5.04	0.56	1.68	1.68	2.24	2.24	1.68	1.68	5.60	4.48 *
3/2016			2.24	-	2.80	2.80	2.24	4.48	3.92	1.68	1.68	1.68	1.68	2.24 S	2.24	2.24
6/2016			3.80	-	0.23	1.00	2.40	0.19 J	0.16 JF1	2.20	0.69	0.27	0.47	1.80	1.80	1.80
9/2016			4.20	-	<0.15	0.68	1.70	0.18 J	0.16 J	1.20	0.92	0.25	0.34	1.30	1.9	<0.15
12/2016			3.20	-	<0.15	0.73	2.80	<0.15	0.20	1.10	0.43	<0.15	0.23	1.10	2.2	<0.15 F1
3/2017			3.30	-	<0.15	0.49 F1	1.4 F1	<0.15 F1	<0.15 F1	1.60	0.64	<0.15	0.32	0.75	1.4	<0.15 F1
6/2017			4.20	-	<0.15	0.46	1.1	<0.15	0.49	0.98	<0.15	<0.15	<0.15	1.70	1.4	<0.15
9/2017			3.30	-	<0.15	0.65	1.1	0.27	<0.15 F1	1.60	0.60	<0.15	0.37	1.50	1.4	0.66
Q4 2017				-												
3/21/1990	Ammonia (mg/l)	2.0	**17**	1.6	<0.1	**6.6**	**4.9**	-	-	-	-	-	-	-	-	-
11/2001			**8.1**	<0.2	<0.2	**2.7**	**3.9**	<0.2	<0.2	**5.7**	<0.2	**2.7**	<0.2	<0.2	-	-
3/2002			<0.2	<0.2	<0.2	0.8	**3.3**	<0.2	<0.2	**2.4**	<0.2	1.3	<0.2	<0.2	-	-
6/2009			**19**	<0.2	<0.2	<0.2	**9.0**	<0.2	<0.2	**12**	6.3	0.6	<0.2 (UJ)	<0.2	-	**8**
10/2011			**8.75**	-	<0.151	**3.99**	0.630	<0.151	<0.151	**5.53**	**2.87**	<0.151	<0.151	<0.151	1.33	<0.151
3/2012			**15.7**	-	1.68	**2.24**	**5.04**	<0.56	1.68	**16.2**	**3.92**	<0.56	<0.56	<0.56	**3.36**	**2.24**
7/2012			**14.6**	-	<0.56	**5.04**	**7.28** *	1.68	**2.24**	**15.7**	**3.92**	0.56	0.56	1.68	**2.24** *	0.56
9/2012			**8.96** *	-	1.12 *	**5.04** *	**6.72** *	0.56 *	1.68 *	**14.6** *	1.68 *	**3.92** *	0.56 *	1.12 *	**3.36** *	**12.3** *
12/2012			**9.52**	-	1.68	1.12	**7.84**	0.56	**2.80**	**8.40**	1.12	1.68	0.56	1.12	1.12	0.56
3/2013			**9.52**	-	0.84	**7.00**	**7.56**	<0.56	<0.56	**7.56**	1.4	1.4	1.96	1.4	**2.52**	<0.56
6/2013			**7.84**	-	<0.56	1.68	**5.04**	1.12	0.56	**6.16**	1.68	1.12	1.12	0.56	**2.8**	**10.1**
9/2013			-	-	0.56 J (U)	0.56 J (U)	2.8 (U)	<0.56	1.12 (U)	**5.04**	2.24 (U)	<0.56	0.56 J (U)	2.8 (U)	<0.56	1.12 (U)
12/2013			-	-	0.56 B	0.56 B	**2.80**	<0.56	<0.56	0.56 B	0.56 B	1.68 B	<0.56	**2.8**	<0.56	2.24
3/2014			**7.28**	-	0.56	**4.48 N**	**5.60**	0.56	1.12	**5.04**	**2.24**	0.56	**2.24**	1.68	**2.24**	**7.28**
6/2014			**7.48**	-	0.56	**4.48**	**6.16**	0.56	0.56 B	**5.04**	1.12	1.12	0.56 B	**2.24**	**3.92**	**2.24**
9/2014			1.12	-	0.56	0.56	**2.24**	0.56	<0.56	**2.80** *	1.68	<0.56	1.68	1.68	1.12	1.68
12/2014			<0.56	-	<0.56	0.56 (UJ)	**5.04**	0.56 (U)	**2.24 (J)**	**4.48**	1.12	1.68 (J)	<0.56	1.12	<0.56	**3.36 (J)**
3/2015			<0.56	-	<0.56	0.56	**2.24**	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	1.12	<0.56	<0.56
6/2015			**4.48**	-	0.56	**2.24**	**3.36**	0.56	1.12	**5.04**	1.12	0.56	0.56	1.12	0.56	0.56
9/2015			**9.52**	-	1.68	**3.92**	1.68	1.68	**2.24**	**3.92**	1.12	**2.24**	**2.24**	**2.8**	**3.36**	1.68
12/2015			**4.48**	-	**2.24**	<0.56	**2.24** *	0.56	<0.56	1.12	1.12	1.68 *	0.56 *	**2.80** *	<0.56 *	**2.80** *
3/2016			1.12	-	1.12	**2.52**	1.96	1.4 S	1.12	1.96	1.4	**4.76**	**4.76**	0.56	1.96	1.4
6/2016			**2.6**	-	<0.009	0.75	1.70	<0.009	<0.009	1.40	0.43	<0.009	0.032	1.2	1.1	1.1
9/2016			**3.5**	-	<0.009	0.60 B^	1.4 B^	<0.009	<0.009	0.93 B^	0.35 B^	<0.009	0.015 JB^	1.0 B^	1.4 B^	<0.009
12/2016			**3.2**	-	<0.009	0.51	**2.9**	<0.009	<0.009	0.83	0.25	<0.009	0.019 J	0.88	1.5	<0.009
3/2017			**2.7**	-	<0.009	0.18	0.94	<0.009	<0.009	1.00	0.46	<0.009	0.071 F1	0.75	1.4	<0.009
6/2017			**3.5**	-	<0.009	0.35	0.92	<0.009	<0.009	0.66	<0.009	<0.009	<0.009	1.2	1.3	<0.009
9/2017			**2.3**	-	0.0091 J	0.39	0.69	<0.009	<0.009 F1	1.10	0.32 F1	<0.009	0.13	1.1	0.85	0.35
Q4 2017				-												
3/21/1990	Nitrate (mg/l)	10	0.08	0.48	1.2	<0.05	<0.05	-	-	-	-	-	-	-	-	-
11/2001			<0.5	<0.5	1.3	<0.5	<0.5	0.87	0.91	0.0011	<0.5	<0.5	0.0021	<0.5	-	-
3/2002			<0.5	2.2	<0.5	1.2	<0.5	1.0	0.9	<0.5	<0.5	<0.5	2.5	<0.5	-	-
6/2009			<0.1	0.73	2.97	5.70	2.88	1.08	0.96	1.1	0.49	0.15	4.30	0.44	-	2.75
10/2011			0.0400 J	-	5.92	<0.0381	5.45	1.30	1.29	0.100	0.150	4.62	<0.0381	<0.0381 (J)	0.0600 J	0.0400 J
3/2012			<0.02	-	8.42	1.23	<0.02	1.06	1.26	<0.02	0.146	3.45	0.657	<0.02	<0.02	0.652
7/2012			<0.02	-	4.36	<0.02	<0.02	1.22	1.53	<0.02	<0.02	**11.6**	0.37	<0.02	<0.02	**12**

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
9/2012	Nitrate (mg/l)	10	<0.02	-	4.7	0.19	0.05	0.99	1.47	0.03	<0.02	**10.9**	<0.02	<0.02	0.03	0.07
12/2012	(continued)		0.0369	-	6.91	0.254	0.0299	1.44	1.54	0.468	0.214	7.98	0.405	0.0768	0.037	0.0334
3/2013			<0.02	-	**10.3**	1.02	0.115	1.87	1.71	0.115	0.036	9.53	<0.02	0.0991	0.116	<0.02
6/2013			0.0213	-	9.86	0.0499	<0.04	1.50	1.6	0.469	0.036	**13.3**	0.461	<0.02	0.452	0.648
9/2013			-	-	7.81	<0.02	<0.02	1.11	1.82	<0.02	<0.02	**14.3**	<0.02	<0.02	<0.02	1.09
12/2013			-	-	9.49	<0.02	<0.02 (J)	0.858	2.2	<0.02	0.402	5.22	0.0207	<0.02	<0.02	0.065 (J)
3/2014			<0.02	-	**11.3**	0.522	0.0561	2.81	2.08	0.0616	0.0214	8.28	<0.02	0.121	0.128	<0.02
6/2014			0.0229	-	9.53	0.118	<0.02	2.65	2.37	0.0248	0.897	2.22	<0.02	<0.02	0.0201	<0.02
9/2014			0.134	-	9.93	0.0268	0.111	2.78	2.12	<0.02	<0.02	1.88	0.0371	0.0977	0.0986	0.118
12/2014			<0.02	-	8.38	<0.02	0.133	2.17	2.11	0.101	<0.02	9	<0.02	0.124	0.128	<0.02
3/2015			0.569	-	9.56	0.117	0.113	3.12	1.85	0.114	0.441	1.12	0.43	0.068	0.458	0.973
6/2015			0.698	-	**11**	<0.04	<0.04	2.99	2.11	<0.04	<0.04	7.23	<0.04	<0.04	<0.04	<0.04
9/2015			<0.04	-	**12**	<0.04	<0.04	3.1	2.76	<0.04	<0.04	7.46	<0.04	<0.04	<0.04	2.74
12/2015			<0.04	-	**11**	0.144	<0.04	3.44	2.01	<0.04	<0.04	7.78	<0.04	<0.04	<0.04	<0.04
3/2016			0.383	-	9.26	<0.04	0.195	4.35	2.02	<0.04	<0.04	4.57	<0.04	<0.04	<0.04	2.07
6/2016			0.095	-	7.5	<0.02	0.049 J	5.9	2.1	0.039 J	0.12	6	0.028 J	0.030 J	0.033 J	0.031 J
9/2016			0.17	-	**11.3**	<0.02	<0.02	3.6	1.6	<0.02	0.021 J	3.1	<0.02	0.022 J	<0.02	1.6
12/2016			0.057	-	**10.4**	0.042 J	<0.02	5.3	1.4	0.029 J	<0.02	9.6	<0.02	0.038 J	0.033 J	2.7
3/2017			0.23	-	**14.3**	0.029 J	0.047 J	6.1	1.7	<0.02	0.13	3.4	0.034 J	0.037 J	0.038 J	1.7
6/2017			0.20	-	**13.1**	0.024 J	0.043 J	5.9	1.4	0.035 J	0.57	8.4	0.11	0.088	<0.02	5.1
9/2017			0.40	-	**11.3**	0.047 J	0.069	4.6	1.6	0.057	0.14	5.9	<0.02	0.066	0.066	0.14
Q4 2017				-												
3/21/1990	Total Phenols (mg/l)	0.001	**0.009**	**0.006**	**0.003**	**0.009**	**0.010**	-	-	-	-	-	-	-	-	-
11/2001			<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	-
3/2002			<0.025	<0.025	<0.025	**0.05**	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	-	-
6/2009			<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2
10/2011			<0.2 (UJ)	-	<0.2 (UJ)	<0.2 (UJ)	<0.2 (UJ)	<0.2 (UJ)	<0.2 (UJ)	<0.2 (UJ)	<0.2 (UJ)	<0.2 (UJ)	<0.2 (UJ)	<0.2 (UJ)	<0.2 (UJ)	<0.2 (UJ)
3/2012			<0.002	-	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
7/2012			<0.002 (UJ)	-	**0.002 (J)**	<0.002 (UJ)	<0.002 (UJ)	<0.002 (UJ)	<0.002 (UJ)	<0.002 (UJ)	<0.002 (UJ)	<0.002 (UJ)	<0.002 (UJ)	<0.002 (UJ)	<0.002 (UJ)	<0.002 (UJ)
9/2012			**0.003**	-	**0.005**	**0.005**	**0.004**	**0.004**	**0.006**	**0.004**	**0.005**	**0.004**	**0.003**	**0.003**	**0.003**	**0.002**
12/2012			<0.002 N	-	<0.002 N	<0.002 N	<0.002 N	<0.002 N	<0.002 N	<0.002 N	<0.002 N	<0.002 N	<0.002 N	<0.002 N	<0.002 N	<0.002 N
3/2013			<0.002	-	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
6/2013			**0.003**	-	**0.003**	**0.003**	**0.003**	<0.002	<0.002	**0.002**	**0.002**	<0.002	<0.002	<0.002	<0.002	**0.002**
9/2013			-	-	**0.003**	**0.007**	**0.002**	<0.002	**0.003**	**0.002**	**0.003**	**0.002**	**0.003**	**0.002**	**0.003**	**0.002**
12/2013			-	-	**0.003**	**0.002**	<0.002	**0.003**	<0.002	**0.002**	<0.002	**0.002**	<0.002	<0.002	**0.01**	**0.002**
3/2014			<0.002	-	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
6/2014			<0.002	-	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/2014			<0.002	-	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.004**	<0.002	<0.002	**0.002**	<0.002	<0.002
12/2014			**0.003**	-	<0.002	**0.003**	**0.002**	**0.003**	**0.002**	<0.002	**0.002**	**0.002**	<0.002	**0.003**	**0.002**	**0.003**
3/2015			<0.002	-	**0.002**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
6/2015			**0.003**	-	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/2015			<0.002	-	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
12/2015			<0.002	-	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
3/2016			**0.006**	-	<0.002	**0.003**	**0.003**	<0.002	**0.002**	**0.003**	**0.004**	<0.002	<0.002	<0.002	**0.002**	<0.002
6/2016			**0.043 F1 (J)**	-	**0.03**	<0.005	**0.0070 J**	**0.012**	**0.0099 JF1 (J)**	**0.007 J**	**0.0074 J**	**0.0089 J**	<0.005	<0.005	**0.0073 J**	**0.0070 J**
9/2016			<0.005	-	**0.0094 J F1**	<0.005	**0.013**	<0.005	<0.005	<0.005	**0.0067 J**	**0.0076 J**	<0.005	<0.005	<0.005	**0.0064 J**
12/2016			**0.012**	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.0073 J**	<0.005	**0.012**	**0.0067 J**
3/2017			**0.01**	-	**0.014**	**0.017**	**0.022 F1**	**0.0051 J**	**0.012**	**0.02**	**0.011**	**0.0079 J**	**0.021**	**0.0074 J**	**0.005 J**	**0.012**
6/2017			**0.036**	-	**0.024**	<0.005	<0.005	<0.005	<0.005	<0.005	**0.0054 J**	**0.014**	**0.0092 J**	**0.012**	**0.0096 J**	**0.0053 J**
9/2017			**0.0085 J**	-	<0.005	<0.005	**0.0059 J**	<0.005	<0.005 F1 F2	<0.005	<0.005	<0.005	**0.0065 J F1**	<0.005	<0.005	**0.0062 J**
Q4 2017				-												
11/6/1985	Total Cyanide (mg/l)	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-
3/21/1990			<0.010	<0.010	<0.010	<0.010	<0.010	-	-	-	-	-	-	-	-	-
9/1999			ND	0.012N	0.009	0.01	0.009B	-	-	-	-	-	-	-	-	-
11/2001			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.032 (<0.032)	<0.01	0.019 (<0.019)	<0.01	0.042 (<0.042)	<0.01	-	-
3/2002			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-
6/2009			<0.0025	0.009 B	<0.0025	0.0060 B	<0.0025	0.023	0.027	0.007 B	0.0029 B	<0.0025	0.0028 B	<0.0025	-	<0.0025
10/2011			<0.0075	-	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075	<0.0075
7/2012			<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
9/2013			-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
12/2014			<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
3/2015			<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
6/2016			<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/2017			<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005 F1 F2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
Metals																
3/21/1990	Aluminum (ug/l)	2,000	1,520	410	1,270	430	580	-	-	-	-	-	-	-	-	-
9/1999			861	310	125 B	ND	75.2 B	-	-	-	-	-	-	-	-	-
11/2001			**8,050**	**17,700**	**4,590**	28.9 B	226	**96,700**	542	**173,000**	426	**29,600**	1,690	**29,600**	-	-
3/2002			**19,700**	**2,660**	**2,640**	142 B	214	**15,200**	103 B	**15,400**	104 B	**5,020**	**29,800**	**18,300**	-	-
6/2009			<56	**2,510**	**3,470**	<56	<56	**7,220**	244	**2,030**	<56	<56	111 B	**4,740**	-	<56
10/2011			<66	-	**4,490**	<66	68.7 B (J)	**10,600**	387	1,410	<66	1,000	1,660	1940 (J)	**41,100**	**5850 (J)**
7/2012	Aluminum (ug/l)	2,000	<37.8	-	**2,160**	<37.8	<37.8	<37.8	<37.8	<37.8	<37.5	<37.8	<37.8	332	<37.8	<37.8
9/2013	(continued)		-	-	172 B(J)	9.9 B(J)	<6.1 (J)	343 (J)	27.4 B(J)	45.4 B(J)	<6.1 (J)	43.0 B(J)	<6.1 (J)	580 (J)	491 (J)	505 (J)
12/2014			<15.7	-	<15.7	<15.7	<15.7	119 B	<15.7	<15.7	<15.7	<15.7	<15.7	<15.7	<15.7	<15.7
3/2015			<15.7	-	<15.7	<15.7	<15.7	<15.7	<15.7	<15.7	<15.7	402	<15.7	1,140	<15.7	17.4 B
6/2016			1,070	-	**7,600**	<60	<60	**6,990**	137 J	**9,460**	<60	1,220	82.1 J	**8,630**	**8,800**	**9,840**
9/2017			1,510	-	**4,910**	<60	<60	**5,290**	<60	73.8 J	<60	**2,010**	173 J	**3,410**	1,810	<60
3/21/1990	Antimony (ug/l)	30	<60	<60	<60	<60	<60	-	-	-	-	-	-	-	-	-
9/1999			ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
11/2001			<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	-	-
3/2002			<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	-	-
6/2009			<4.6	5.2 B	<4.6	<4.6	5.6 B	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	-	4.8 B
10/2011			<9.3	-	<9.3	<9.3	<9.3	<9.3	<9.3	<9.3	<9.3	<9.3	<9.3	<9.3	<9.3	<9.3
7/2012			<1.1	-	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	2.0 B	<1.1	<1.1	<1.1	3.5 B
9/2013			-	-	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
12/2014			<2.8	-	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
3/2015			<2.8	-	<2.8	<2.8	<2.8	<2.8	4.3 B	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
6/2016			<6.8	-	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8
9/2017			<6.8	-	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8
3/21/1990	Arsenic (ug/l)	25	<5.0	<5.0	<5.0	<5.0	<5.0	-	-	-	-	-	-	-	-	-
9/1999			8.3 B	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
11/2001			10.5	5.2 B	<5.0	<5.0	<5.0	**34.6**	<5.0	**73.8**	<5.0	18.7	<5.0	10.7	-	-
3/2002			18.4	<3.2	<3.2	<3.2	<3.2	4.9 B	<3.2	10.2	<3.2	6.7 B	12.7	3.4 B	-	-
6/2009			<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	-	<5.3
10/2011			<4.3	-	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	15.5 B (J)	<4.3
7/2012			<2.2	-	<2.2	2.9 B	<2.2	<2.2	<2.2	<2.2	5.4 B	10.5	3.5 B	<2.2	<2.2	2.4 B
9/2013			-	-	5.4 B	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	3.5 B	<1.6	<1.6	<1.6	<1.6
12/2014			<2.2	-	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
3/2015			<2.2	-	5.2 B	6.3 B	<2.2	8.7 B	6.7 B	<2.2	5.7 B	4.5 B	8.0 B	<2.2	<2.2	4.2 B
6/2016			<5.6	-	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	11.0 J
9/2017			12.0 J	-	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	7.7 J	<5.6
3/21/1990	Barium (ug/l)	1,000	390	20	20	40	110	-	-	-	-	-	-	-	-	-
9/1999			176 B	23.1 B	4.4 B	39.4 B	196 B	-	-	-	-	-	-	-	-	-
11/2001			285 E (J)	141 BE (J)	51.3 BE (J)	20.4 BE	141 BE (J)	422 E (J)	8.6 BE	**1,740 E (J)**	12.8 BE	271 E (J)	36.1 BE (J)	184 BE (J)	-	-
3/2002			363	39.2 B	23.5 B	17.9 B	104 B	91 B	1.7 B	279	52.4 B	75.2 B	224	118 B	-	-
6/2009			185 B	57.9 B	116 B	110 B	111 B	42.6 B	<8.5	281	70.9 B	130 B	36.1 B	55.5 B	-	107 B
10/2011			87.4 BE (J)	-	163 BE (J)	35.9 BE (J)	46.4 BE (J)	49.3 BE (J)	7.6 BE (J)	124 BE (J)	46.8 BE (J)	25.6 BE (J)	55.4 BE (J)	84.6 BE (J)	339 E (J)	98.9 BE (J)
7/2012			88.4 BN (J)	-	39.9 BN (J)	32.1 BN (J)	106 BN (J)	13.5 BN (J)	4.2 BN (J)	127 BN (J)	47.1 BN (J)	17.6 BN (J)	133 BN (J)	46.2 BN (J)	90.4 BN (J)	25.0 BN (J)
9/2013			-	-	63.1 B	8.7 B	72.8 B	9.7 B	6.6 B	82.8 B	23.8 B	31.4 B	59.2 B	52.2 B	91.5 B	11.6 B
12/2014			81.8 B	-	33.2 B	12.6 B	104 B	14.9 B	7.7 B	97.5 B	29.7 B	26.7 B	70.1 B	55.2 B	69.2 B	12.3 B
3/2015			110 B	-	22.6 B	9.1 B	72.0 B	11.5 B	4.5 B	51.4 B	19.3 B	18.7 B	56.6 B	50.3 B	67.0 B	15.6 B
6/2016			159	-	110	12.1	78.1	38.7	4.7	115	18.7	29.6	54.9	86.9	135	145
9/2017			270	-	160	12.1	69.9	29.5	4.1	92	22.7	20.7	54	87.5	90.3	21.5
3/21/1990	Beryllium (ug/l)	3.0 (GV)	<5.0	<5.0	<5.0	<5.0	<5.0	-	-	-	-	-	-	-		-
11/2001			0.67 B	1.2 B	0.50 B	0.35 B	0.47 B	**3.2 B**	0.38 B	**6.9**	0.34 B	1.4 B	0.44 B	1.3 B	-	-
3/2002			1.2 B	0.31 B	0.4 B	0.42 B	0.33 B	0.86 B	0.32 B	1.2 B	0.34 B	0.49 B	1.8 B	0.9 B	-	-
6/2009			<0.13	0.13 B	0.19 B	<0.13	0.13 B	0.23 B	<0.13	<0.13	<0.13	<0.13	<0.13	0.19 B	-	<0.13
10/2011			<0.26	-	<0.26	<0.26	<0.26	0.45 B (J)	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	2.5 E (J)	<0.26
7/2012			<0.16	-	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
9/2013			-	-	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
12/2014			0.61 BN	-	0.76 BN	<0.22 N	<0.22 N	<0.22 N	<0.22 N (UJ)	<0.22 N	<0.22 N	0.56 BN	0.70 BN	0.74 BN	<0.22 N	0.55 BN
3/2015			<0.22	-	<0.22 N	<0.22 N	<0.22	<0.22	<0.22	<0.22 N	<0.22 N	<0.22	<0.22	<0.22	<0.22	<0.22
6/2016			<0.30	-	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	0.31 J	0.42 J
9/2017			<0.30	-	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
3/21/1990	Boron (ug/l)	1,000	750	<50	<50	430	280	-	-	-	-	-	-	-	-	-
11/2001			407	44 B	<20	157	334	<20	<20	445	23.1 B	77.6	31.8 B	<20	-	-
3/2002			265 N	75.3 N	<20 N	196 N	291 N	<20 N	<20 N	303 N	85.8 N	75 N	<20 N	<20 N	-	-
6/2009			454 B	66.9 B (<66.9 U)	30.4 B (<30.4 U)	460 B	574	35.5 B (<35.5 U)	31.1 B (<31.1 U)	764	303 B	157 B (<157 U)	85.6 B (<85.6 U)	40.8 B (<40.8 U)	-	558
10/2011			321 B (J)	-	19.0 B (<19.0 U)	308 B (J)	187 B (J)	16.7 B (<16.7 U)	15.5 B (<15.5 U)	549	87.6 B (<87.6 U)	43.0 B (<43.0 U)	41.0 B (<41.0 U)	49.0 B (<49.0 U)	87.4 B (<87.4 U)	44.2 B (<44.2 U)

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
7/2012	Boron (ug/l)	1,000	112	-	6.4 B	236	334	9.2 B	8.9 B	593	133	17.5 B	<0.57	<0.57	4.9 B	17.8 B
9/2013			-	-	12.7 B	85	143	10.0 B	9.3 B	275	78	19.6 B	35.9 B	4.8 B	48.9 B	10.6 B
12/2014			93.4	-	11.4 B	40.6 B	113	7.6 B	11.4 B	219	55	16.1 B	36.5 B	<0.87	36.5 B	38.5 B
3/2015			58.5	-	8.9 B	33.3 B	89.2	5.1 B	8.8 B	176	45.5 B	15.8 B	31.3 B	<0.87	17.7 B	17.0 B
6/2016			100 B	-	15.8 JB	41.5 B	123 B	14.4 JB	14.8 JB	179 B	41.7 B	17.6 JB	39.5 B	30.8 B	58.1 B	59.0 B
9/2017			91	-	11 J	36	95	9.2 J	10 J	150	36	13 J	35	28	43	35
9/1999	Cobalt (ug/l)	No Standard	ND	ND	ND	2.3 B	3.1 B	-	-	-	-	-	-	-	-	-
11/2001			6.8 B	11.3 B	<5.0	<5.0	<5.0	41.8 B	<5.0	59.4	<5.0	17.4 B	<5.0	11 B	-	-
3/2002			16.4 B	1.8 B	2.1 B	5.1 B	3.4 B	8.2 B	<1.0	9.2 B	2.8 B	7.7 B	26.6 B	6.2 B	-	-
6/2009			2.6 B	2.3 B	1.9 B	2.0 B	1.8 B	1.9 B	<1.2	8.2 B	2.9 B	3.2 B	<1.2	1.4 B	-	1.5 B
10/2011			0.84 B (J)	-	1.6 B (J)	2.2 B (J)	<0.67	2.6 B (J)	<3.6	2.7 B (J)	1.9 B (J)	1.7 B (J)	9.8 B (J)	7.7 B (J)	17.3 B (J)	8.7 B (J)
7/2012			1.0 B	-	1.3 B	2.5 B	2.1 B	<0.12	<.12	3.3 B	3.4 B	0.75 B	12.8 B	11.3 B	3.8 B	0.72 B
9/2013			-	-	<0.73	0.96 B	2.2 B	<0.73	<0.73	3.1 B	1.7 B	1.0 B	7.6 B	11.2 B	3.6 B	<0.73
12/2014			1.3 B	-	<0.17	2.2 B	5.1 B	0.23 B	<0.17	3.9 B	3.2 B	0.29 B	6.8 B	12.1 B	3.2 B	1.8 B
3/2015			2.1 BE	-	0.79 BE	4.3 BE	5.2 BE		0.48 BE	3.1 BE	1.5 BE	1.7 BE	8.9 BE (J-)	11.7 BE	2.9 BE	1.1 BE
6/2016			<0.63	-	2.5 J	3.0 J	2.2 J	0.81 J	<0.63	4.3	1.3 J	1.8 J	6.7	11	3.9 J	4.8
9/2017			1.4 J	-	1.6 J	3.2 J	4.2	0.84 J	<0.63	2.4 J	1.4 J	1.2 J	5.5	11.4	1.7 J	1.2 J
11/6/1985	Cadmium (ug/l)	5.0	<5.0	<5.0	-	-	-	-	-	-	-	-	-	-	-	-
3/21/1990			<1.0	<1.0	<1.0	<1.0	2.0	-	-	-	-	-	-	-	-	-
9/1999			5.0 B	ND	ND	ND	0.96 B	-	-	-	-	-	-	-	-	-
11/2001			<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	-	-
3/2002			<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	-	-
6/2009			<0.14	0.21 B	<0.14	0.21 B	<0.14 (UJ)	<0.14	<0.14	<0.14	0.24 B	<0.14	<0.14	1.4 B	-	0.25 B (J)
10/2011			<0.89	-	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
3/2012			<0.21	-	<0.21	0.26 B	0.62 B	<0.21	<0.21	<0.21	0.40 B	0.41 B	0.72 B	0.28 B (<0.21)	<0.21	0.47 B
7/2012			<0.21	-	1.2 B	0.30 B	0.61 B	<0.21	<0.21	<0.21	0.34 B	0.37 B	0.39 B	<0.21	<0.21	0.27 B
9/2012			<0.21	-	<0.21 (<0.21)	<0.21	<0.21	<0.21	<0.21	<0.21	0.24 B	0.24 B	0.22 B	<0.21	<0.21	<0.21
12/2012			<0.21	-	0.37 B	0.27 B	0.58 B	<0.21	<0.21	<0.21	<0.21	0.27 B	<0.21 B	<0.21	<0.21	<0.21
3/2013			<0.21	-	0.80 B	<0.21	1.1 B	<0.21	<0.21	0.32 B	0.25 B	0.62 B	<0.21	<0.21	<0.21	<0.21
6/2013			<50	-	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
9/2013			-	-	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	0.24 B	<0.15	0.43 B	<0.15	<0.15	<0.15
12/2013			-	-	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	0.18 B	<0.15	0.41 B	<0.15	<0.15	0.25 B
3/2014			0.25 B	-	0.49 B	0.15 B	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	0.16 B	<0.15	<0.15	<0.15
6/2014			<0.41	-	1.6 B	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	0.67 B	<0.41	<0.41	<0.41
9/2014			<0.41	-	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
12/2014			<0.41	-	3.0 B	<0.41	<0.41	<0.41	<0.41	<0.41	0.46 B	<0.41	<0.41	<0.41	<0.41	<0.41
3/2015			<0.41	-	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	0.80 B	<0.41	1.1 B	<0.41	<0.41	<0.41
6/2015			<0.44	-	0.86 B	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
9/2015			<0.44	-	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
12/2015			<0.44	-	<0.44	0.47 B	<0.44	<0.44	<0.44	<0.44	<0.44	0.81 B	0.60 B	<0.44	<0.44	<0.44
3/2016			<0.44	-	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
6/2016			<0.50	-	1.0 J	<0.50	<0.50	<0.50	<0.50	0.53 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
9/2016			<0.50	-	0.51 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
12/2016			<0.50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
3/2017			<0.50	-	<0.50	<0.50	<0.50	<0.50	<0.50	0.84 J	<0.50	<0.50	<0.50	<0.50	0.50 J	<0.50
6/2017			<0.50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.64 J	<0.50	<0.50	<0.50
9/2017			<0.50 (<0.50)	-	1.2 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.65 J	<0.50	<0.50	<0.50
Q4 2017				-												
3/21/1990	Calcium (ug/l)	No Standard	79,100	127,000	15,000	55,600	43,400	-	-	-	-	-	-	-	-	-
9/1999			161,000	101,000	56,600	310,000 E	92,600	-	-	-	-	-	-	-	-	-
11/2001			148,000	90,500	39,200	18,800	76,800	30,600	12,800	107,000	21,000	69,400	76,000	21,200	-	-
3/2002			156,000	45,000	12,500	34,700	53,400	19,900	9,510	44,000	52,400	71,200	84,300	23,800	-	-
6/2009			185,000	91,600	30,400	90,600	88,800	14,700	16,300	109,000	51,300	69,500	102,000	41,900	-	85,300
10/2011			144,000	-	51,600	67,100	70,500	16,400	21,100	85,900	48,200	90,500	52,700	55,500	102,000	57,500
3/2012			114,000	-	23,700	63,400	117,000	29,200	16,200	93,600	72,300	97,500	96,200	42,300 (39,000)	75,600	97,300
7/2012			120,000	-	34,800	57,500	85,000	25,000	17,200	77,800	70,300	93,500	113,000	59,600	75,000	93,400
9/2012			119,000 E	-	27,600 E (29,200)	54,300 E	68,700 E	14,400 E	16,400 E	89,600 E	74,500 E	90,800 E	41,400 E	56,700 E	66,900 E	120,000 E
12/2012			93,200	-	34,500	40,200	52,300	16,300	19,200	60,200	41,400	97,800	24,200	51,600	64,200	62,400
3/2013			115,000	-	28,100	16,500	49,500	13,200	19,300	55,100	44,600	88,400	50,700	48,400	64,300	51,700
6/2013			137,000 E	-	28,600 E	9,380 E	39,500 E	7,290 E	18,200 E	65,000 E	48,200 E	69,500 E	70,700 E	46,500 E	67,800 E	126,000 E
9/2013			-	-	38,400 (J)	8,540 (J)	44,200 (J)	8,170 (J)	21,700 (J)	57,600 (J)	35,000 (J)	99,300 (J)	73,800 (J)	44,600 (J)	69,500 (J)	8,590 (J)
12/2013			-	-	18,900	7,970	55,600	13,600	17,600	76,200	41,000	61,700	88,300	53,300	74,400	56,800
3/2014			100,000	-	43,000	21,100	64,400	19,200	36,700	64,500	42,500	97,100	83,400	44,100	66,000	98,800
6/2014			212,000	-	90,700	19,400	67,100	16,200	18,700	67,500	43,600	24,600	81,400	37,300	65,700	68,200
9/2014			117,000	-	43,200	14,300	55,000	13,500	17,400	90,200	33,800	25,700	73,300	36,600	66,900	53,300

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
12/2014	Calcium (ug/l)	No Standard	109,000	-	25,300	18,600	98,300	18,700	18,500	76,300	36,600	47,000	82,500	42,500	74,300	18,600
3/2015			135,000	-	26,400	29,400	56,400	27,700	20,000	47,300	41,600	54,200	73,800	38,300	68,400	55,200
6/2015			148,000	-	39,400	16,300	57,100	19,000	25,500	55,300	34,300	39,200	68,600	33,000	64,200	66,600
9/2015			151,000	-	98,700	14,200	82,800	14,400	20,800	76,300	35,100	38,900	75,700	36,200	63,100	21,000
12/2015			112,000	-	85,800	32,600	73,000	14,700	20,000	65,200	35,700	79,300	73,000	32,900	66,200	70,300
3/2016			86,100	-	18,200	26,700	69,000	41,900	22,800	58,700	45,000	77,100	73,400	41,600	71,400	23,100
6/2016			128,000	-	47,900	27,100	61,900	30,000	20,700	59,600	33,000	71,500	66,900	38,400	73,100	75,500
9/2016			128,000	-	44,300	23,500	50,100	19,600	15,400	44,600	29,200	45,300	70,800	32,700	68,900	15,400
12/2016			102,000	-	36,700	22,500	66,200	12,200	11,100	55,800	29,300	54,100	69,600	34,200	60,300	11,900
3/2017			95,000	-	40,500	43,000	65,300	16,300	18,800	68,100	44,600	68,900	65,100	29,400	77,200	19,100
6/2017			122,000	-	34,300	42,600	69,000	21,600	11,200	61,400	45,700	46,100	64,800	39,700	66,200	20,400
9/2017			146,000 (138,000)	-	59,300	25,900	59,000	16,900	17,700	49,500	45,700	48,900	60,500	46,000	72,000	44,400
Q4 2017				-												
3/21/1990	Chromium (ug/l)	50	<5.0	<5.0	<5.0	<5.0	<5.0	-	-	-	-	-	-	-	-	-
9/1999			2.0 B	2.4 B	ND	ND	ND	-	-	-	-	-	-	-	-	-
11/2001			7.1 B	21.9	5.8 B	5.2 B	7.1 B	**112**	<5.0	**141**	7.3 B	49.3	6.7 B	38	-	-
3/2002			14.6	2.4 B	2.1 B	0.92 B	1.7 B	16.2	<0.9	11.2	1.2 B	9.9 B	**106**	12.3	-	-
6/2009			<1.1	<1.1	2.0 B	<1.1	<1.1	10.4 B	1.2 B	2.6 B	<1.1	<1.1	<1.1	5.8 B	-	<1.1
10/2011			<0.64	-	1.7 B (J)	<0.64	<0.64	10.3 B (J)	1.4 B (J)	1.2 B (J)	<0.64	<0.64	4.0 B (J)	6.4 B (J)	25.0	25.4
7/2012			<5.1	-	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
9/2013			-	-	3.1 B	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	5.4 B	<2.7	3.8 B
12/2014			<2.8	-	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
3/2015			<2.8	-	3.5 B	8.2 B	<2.8	<2.8	4.0 B	8.9 B	<2.8	5.6 B	2.9 B	<2.8	5.2 B	<2.8
6/2016			1.6 J	-	3.0 J	<1	<1	5.6	<1	4.1	<1	<1	<1	17.8	6.4	6.9
9/2017			1.5 J	-	1.5 J	<1	<1	3.4 J	<1	<1	<1	<1	<1	6.2	<1	<1
11/6/1985	Chromium Hex. (ug/l)	50	<5	<5	<7	<7	<10	-	-	-	-	-	-	-	-	-
3/21/1990			<20	<20	<20	<20	<20	-	-	-	-	-	-	-	-	-
7/2012			<20	-	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	-
9/2013			-	-	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
12/2014			<20	-	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
3/2015			<20 N	-	<20 N	<20 N	<20 N	<20 N	<20 N	<20 N	<20 N	<20 N	<20 N (R)	<20 N	<20 N	<20 N
6/2016			<5	-	<5	<5	<5	<5	<5	<5	<5	<5	7.2 J (<10 U)	<5	<5	<5
9/2017			<5	-	<5	<5	<5	<5 H	<5	<5	<5	<5	<5	<5	<130	<5
11/6/1985	Copper (ug/l)	200	<6.0	<6.0	-	-	-	-	-	-	-	-	-	-	-	-
3/21/1990			<50	<50	<50	<50	<50	-	-	-	-	-	-	-	-	-
9/1999			ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
11/2001			9.8 B	22.3 B	8.0 B	<2.4	3.4 B	84.3	<2.4	**209**	5.1 B	52.6	<2.4	27.3	-	-
3/2002			32	4.5 B	5.4 B	2.9 B	3.9 B	17.1 B	<1.6	30.9	<1.6	12.2 B	64	14.4 B	-	-
6/2009			<5.0	7.2 B	5.9 B	5.5 B	6.7 B	6.8 B	<5.0	12.3 B	<5.0	<5.0	<5.0	5.9 B	-	5.9 B
10/2011			<3.6	-	5.1 B (J)	<3.6	<3.6	5.2 B (J)	<3.6	5.6 B (J)	<3.6	<3.6	<3.6	<3.6 (J)	17.3 B (J)	6.2 B (J)
7/2012			<2.5	-	<2.5	<2.5	<2.5	<2.5	2.9 B	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2.6 B
9/2013			-	-	<1.1	<1.1	<1.1	3.6 B	1.6 B	<1.1	<1.1	1.2 B	1.7 B	<1.1	2.5 B	2.4 B
12/2014			<2.7	-	<2.7	<2.7	<2.7	4.0 B	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7
3/2015			<2.7	-	<2.7	<2.7	<2.7	3.6 B	6.7 B	<2.7	4.4 B	4.3 B	<2.7	<2.7	<2.7	5.3 B
6/2016			<1.6	-	5.2 J	<1.6	<1.6	2.6 J	<1.6	5.8 J	<1.6	<1.6	<1.6	5.7 J	8.7 J	11.3
9/2017			<1.6	-	4.6 J	<1.6	<1.6	1.6 J	22.6	<1.6	<1.6	<1.6	<1.6	1.8 J	2.0 J	<1.6
11/6/1985	Iron (ug/l)	300	**34,000**	<40	<40	**8,970**	**389**	-	-	-	-	-	-	-	-	-
3/21/1990			**36,000**	250	**510**	**18,200**	**16,300**	-	-	-	-	-	-	-	-	-
9/1999			**45,300**	**321**	63.3 B	**966**	**5,130**	-	-	-	-	-	-	-	-	-
11/2001			**53,300**	**25,700**	**5,020**	**13,900**	**18,800**	**98,700**	**1,090**	**225,000**	**680**	**72,700**	**3,160**	**31,900**	-	-
3/2002			**88,100**	**3,590**	**3,030**	**7,320**	**16,700**	**17,300**	195	**37,100**	**3,030**	**38,200**	**63,600**	**17,400**	-	-
6/2009			**36,000**	**2,820**	**2,970**	**553**	**3,300**	**6,810**	**434**	**36,600**	**2,270**	**31,200**	206	**4,410**	-	**2,900**
10/2011			**50,700**	-	**3,380**	**4,570**	**1,120**	**8,130**	**602**	**20,300**	**1,900**	**942**	**12,700**	**25,300**	**81,600**	**30,000**
3/2012			**36,700**	-	**1,640**	**1,930**	**2,410**	**303**	243	**33,600**	**4,350**	**561**	**11,900**	**44,400 (21,200 E)**	**30,700**	**11,900**
7/2012			**36,300**	-	**1,860**	**4,950**	**3,040**	170	31.1 B	**24,700**	**6,250**	39.4 B	**10,500**	**40,100**	**26,400**	70.5 B
9/2012			**27,600 E**	-	**617 E (6.5.B)**	**4,440 E**	**2,150 E**	29.9 BE	43.2 BE	**31,300 E**	**5,270 E**	73.4 BE	**3,810 E**	**39,500 E**	**25,400 E**	**36,500 E**
12/2012			**28,800 E**	-	**328 E**	**596 E**	**3,840 E**	217 E	139 E	**21,600 E**	**3,300 E**	64.8 E	**2,160 E**	**41,100 E**	**28,100 E**	**24,400 E**
3/2013			**34,100**	-	**1,160**	**1,370**	**5,550**	**559**	77.9 B	**21,600**	**2,550**	7.1 B	**7,200**	**41,100**	**23,700**	**7,360**
6/2013			**11,900 E**	-	**821**	274	**3,750**	288	**353**	**14,700 E**	**1,710**	**488**	**5,750 E**	**11,600 E**	**11,300 E**	**11,800 E**
9/2013			**-**	-	152 (J)	**800 (J)**	**7,480 (J)**	194 (J)	91.5 B (J)	**26,300 (J)**	**2,810 (J)**	61.5 B (J)	**5,410 (J)**	**39,100 (J)**	**25,500 (J)**	284 (J)
12/2013			-	-	113	**2,240**	**8,650**	119	2.8 B	**34,600**	**1,760**	7.8 B	**4,530**	**46,000**	**23,900**	**7,660**
3/2014			**3,750**	-	147	**1,590**	**15,900**	116	76.9 B	**29,700**	**2,490**	36.1 B	40.6 B	**41,700**	**22,100**	**37,500**
6/2014			**95,200**	-	198	**2,450**	**27,500**	46.5 B	25.0 B	**36,100**	72.8 B	4.0 B	**2,280**	**35,900**	**20,300**	**20,500**
9/2014			**41,000**	-	**497**	**2,930**	**13,300**	25 B	51.3 B	**32,700**	**3,490**	11.4 B	**4,890**	**34,000**	**20,900**	**12,500**
12/2014			**42,500**	-	3.5 B	**2,980**	**22,800**	64.7 B	61.3 B	**37,200**	**2,290**	5.2 B	**4,640**	**44,200**	**22,800**	**3,100**

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
3/2015	Iron (ug/l)	300	**40,900**	-	3.5 B	**8,320**	**25,400**	50.9 B	5.7 B	**26,200**	**1,250**	**462 (J)**	**4,280**	**40,000**	**22,300**	178 (J)
6/2015	(continued)		**57,700**	-	220	**3,770**	**28,700**	104	18.8 B	**29,800**	**3,150**	12.1 B	**4,900**	**34,600**	**22,300**	**23,200**
9/2015			**58,600 E**	-	**469 E**	**5,090 E**	**37,000 E**	56.6 BE	28.5 BE	**39,800 E**	**3,860 E**	63.5 BE	**5,400 E**	**34,300 E**	**22,100 E**	28.9 BE
12/2015			**44,800**	-	**308**	**18,200**	**36,900**	2.9 B	5.2 B	**29,900**	**2,540**	20.3 B	**3,950**	**33,200**	**24,000**	**34,500**
3/2016			**38,800**	-	17.5 B	**11,900**	**36,200**	**755**	41.7 B	**34,600**	**3,650**	14.4 B	**5,220**	**41,900**	**24,900**	50.7 B
6/2016			**71,000**	-	**5,300**	**12,500**	**33,900**	**3,240**	119	**46,200**	**3,060**	**791**	**4,550**	**48,100**	**38,000**	**40,000**
9/2016			**61,900**	-	**2,280**	**17,400**	**30,300**	257	28.1 J^	**29,100 ^**	205	157	**3,600**	**31,000**	**30,700**	<19.3
12/2016			**58,700**	-	35.8 J	**14,400**	**39,300**	232	23.4 J	**31,200**	**2,340**	67.1	**3,850**	**37,600**	**25,900**	**320**
3/2017			**57,900**	-	**4,300**	**11,200**	**48,400**	**740**	180	**52,000**	**3,770**	**951**	**4,970**	**32,300**	**39,000**	141
6/2017			**68,300**	-	60.3	**20,200**	**42,000**	**336**	<19.3	**49,000**	184	108	**1,390**	**44,400**	**26,000**	**502**
9/2017			**58,600 (11,400 B)**	-	**3,380**	**17,600**	**41,300**	**2,610**	52.7	**30,600**	**2,980**	**1,470**	**4,330**	**43,400**	**28,700**	**2,510**
Q4 2017				-												
11/6/1985	Lead (ug/l)	25	<5.0	<5.0	<5.0	<5.0	<5.0	-	-	-	-	-	-	-	-	-
3/21/1990			<10	<10	<10	<10	<10	-	-	-	-	-	-	-	-	-
9/1999			8.6	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
11/2001			9.9	12.5	4.3	<3.0	3.2	**84.9**	3.5	**102**	4.3	**36.4**	3.2	**27.6**	-	-
3/2002			22.8	3.5	<2.5	<2.5	<2.5	21.2	3.0	15.3	<2.5	9.4	21.9	16.3	-	-
6/2009			<2.2	2.7 B	2.7 B	<2.2	<2.2	7.8 B	<2.2	3.0 B	<2.2	<2.2	<2.2	5.5 B	-	<2.2
10/2011			<4.2	-	<4.2	<4.2	<4.2	5.7 B (J)	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	61.9	<4.2
3/2012			<1.8	-	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8 (2.6 B)	2.4 B	<1.8
7/2012			2.7 B	-	<1.8	2.8 B	3.0 B	<1.8	<1.8	3.4	<1.8	2.9 B	<1.8	2.7 B	1.9 B	<1.8
9/2012			<1.8	-	<1.8 (<1.8)	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	2.2 B	<1.8	<1.8
12/2012			2.6 B	-	<1.8	<1.8	<1.8	<1.8	<1.8	2.6 B	<1.8	<1.8	<1.8	2.2 B	7.4	3.0
3/2013			3.9	-	2.3 B	2.2 B	2.8 B	<1.8	<1.8	3.8	<1.8	<1.8	<1.8	4.4	4.6	1.8 B
6/2013			<50	-	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
9/2013			-	-	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	6.2	<2.1
12/2013			-	-	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
3/2014			2.5 B	-	2.8 B	3.0 B	3.2	<2.1	3.3	3.8	2.3 B	3.9	<2.1	3.1	4.8	2.7 B
6/2014			<2.1	-	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	2.9 B
9/2014			<2.1	-	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
12/2014			<2.1	-	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
3/2015			2.9 B	-	3.8	3.8	2.5 B	4.1	3.3	3.3	<2.1	<2.1 (J)	<2.1	3.2	2.8 B	4.4 (J)
6/2015			<2.9	-	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.1	<2.9	<2.9	<2.9	<2.9
9/2015			<2.9	-	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9
12/2015			<2.9	-	<2.9	<2.9	<2.9	<2.9	<2.9	3.7	<2.9	<2.9	<2.9	<2.9	2.9 B	<2.9
3/2016			<2.9	-	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9
6/2016			5.2 J	-	5.8 J	<3	<3	7.7 J	<3	8.0 J	<3	<3	3.9 J	6.8 J	21.4	**29.7**
9/2016			<3	-	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	4.9 J	<3
12/2016			<3	-	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
3/2017			10.4	-	10.3	4.5 J	7.6 J	6.9 J	5.8 J	19	6.1 J	5.1 J	7.1 J	14.9	**47.8**	5.2 J
6/2017			<3	-	<3	<3	3.1 J	<3	<3	<3	<3.0	<3	<3	5.5 J	4.2 J	<3
9/2017			5.8 J (<3)	-	3.9 J	<3	<3	<3	<3	<3	<3	<3	<3	3.0 J	7.3 J	<3
Q4 2017				-												
3/21/1990	Magnesium (ug/l)	35,000 (GV)	**43,600**	14,800	1,530	**43,400**	22,900	-	-	-	-	-	-	-	-	-
9/1999			**48,500**	15,100	572 B	27,400	**91,000**	-	-	-	-	-	-	-	-	-
11/2001			**45,400**	17,200	5,910	21,800	**46,900**	15,900	2,760 B	**87,100**	3,380 B	20,800	16,000	6,360	-	-
3/2002			**50,100**	6,280	2,000 B	27,000	31,800	5,030	1,970 B	**43,900**	14,900	14,900	27,200	5,340	-	-
6/2009			**41,600**	12,500	4,450	**73,900**	**67,200**	2,720	3,740	**70,500**	29,800	23,700	18,900	6,470	-	**64,800**
10/2011			32,600	-	8,470	**53,400**	**37,300**	3,650	4,550	**53,400**	17,200	13,600	10,500	6,370	24,000	6,830
3/2012			26,100	-	4,290 B	32,900	**57,800**	4,420 B	3,260 B	**51,100**	24,100	13,800	17,700	5,530 (3,710 B)	14,000	17,800
7/2012			22,900 E (J)	-	4,920 BE (J)	25,500 E (J)	**39,300 E (J)**	3,650 BE (J)	3,390 BE (J)	**37,200 E (J)**	21,600 E (J)	12,300 E (J)	18,600 E (J)	5,660 E (J)	12,200 E (J)	11,900 E (J)
9/2012			19,700 E	-	3,950 BE (4,110 BE)	21,500 E	**37,200 E**	2,040 BE	3,260 BE	**45,300 E**	23,300 E	12,300 E (J)	7,440 E	5,700 E	11,800 E	19,500 E
12/2012			14,200 E	-	4,920 BE	19,700 E	26,100 E	2,790 BE	3,850 BE	26,000 E	14,800 E	13,700 E	4,430 BE	5,600 E	12,300 E	11,500 E
3/2013			15,900	-	3,800 B	9,130	23,400	2,050 B	3,870 B	23,900	13,500	12,200	10,400	5,350	11,900	10,600
6/2013			16,400 E	-	3,660 BE	4,900 BE	14,600 E	1,100 BE	3,510 BE	22,900 E	10,700 E	9,080 E	14,000 E	4,820 BE	11,500 E	16,700 E
9/2013			-	-	5,630 E(J)	4,100 BE(J)	14,900 E(J)	1,240 BE(J)	4,330 BE(J)	17,000 E(J)	7,670 E(J)	13,400 E(J)	15,500 E(J)	5,020 E(J)	12,300 E(J)	1,320 E(J)
12/2013			-	-	2,530 BE	3,580 BE	20,800 E	1,870 BE	3,140 BE	20,500 E	7,440 E	7,390 E	16,600 E	5,790 E	11,900 E	20,700 E
3/2014			16,100	-	6,490	11,200	18,500	2,890 B	7,420	24,200	8,960	13,300	15,300	5,420	11,800	15,800
6/2014			30,600	-	13,000	9,450	23,600	2,420 B	3,500 B	21,300	8,240	3,240 B	14,500	4,620 B	11,600	11,600
9/2014			18,700	-	6,990	7,720	14,000	2,140 B	3,620 B	17,700	6,860	3,430 B	13,600	4,640 B	11,800	13,500
12/2014			16,700	-	4160 B	10,500	20,100	2,800 B	3,400 B	17,800	7,250	7,080	14,500	5,560	11,000	10,200
3/2015			15,700	-	4060 B	10,200	14,600	4,500 B	3,960 B	12,100	8,240	7,150	12,800	5,160	10,900	7,310
6/2015			21,500	-	6,850	5,490	19,800	2,880 B	5,080	17,500	6,400	6,080	11,400	4,230 B	10,300	10,700
9/2015			21,100	-	13,800	5,580	15,800	2,170 B	4,280 B	20,200	6,750	5,650	12,800	4,860 B	10,300	4,370 B
12/2015			14,300	-	14,100	9,860	15,500	2,190 B	3,890 B	25,600	6,790	11,100	12,200	4,500 B	10,400	14,800

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
3/2016	Magnesium (ug/l)	35,000 (GV)	11,900	-	3,280 B	7,080	15,000	6,460	4,560 B	13,600	8,350	9,930	11,500	5,650	11,200	4,590 B
6/2016	(continued)		16,400	-	8,940	6,100	14,300	4,950	4,460	14,200	6,140	9,670	10,800	6,060	12,900	13,300
9/2016			15,200	-	6,930	7,030	10,500	2,940	3,320	13,600	5,560	5,850	11,600	4,720	11,200	3,310
12/2016			11,200	-	5,910	7,300	14,800	1,850	2,330	15,000	5,660	7,000	11,100	4,670	9,890	1,840
3/2017			12,000	-	7,340	11,400	12,800	2,640	4,150	16,300	8,220	8,570	10,900	4,960	13,700	4,140
6/2017			16,000	-	5,970	11,600	14,700	3,350	2,380	16,900	8,150	6,380	10,200	5,850	10,300	3,240
9/2017			17,800 (17,000)	-	9,940	5,150	11,200	2,970	3,720	13,200	7,750	6,060	10,300	6,590	9,620	7,530
Q4 2017				-												
3/21/1990	Manganese (ug/l)	300	**410**	**4,410**	60	**620**	**1,220**	-	-	-	-	-	-	-	-	-
9/1999			**593**	**11,200**	10 B	**867**	**1,860**	-	-	-	-	-	-	-	-	-
11/2001			**734 N (J)**	**15,600 N (J)**	214 N (J)	**404 N (J)**	**3,580 N (J)**	**2,250 N (J)**	20.7 N (J)	**2,090 N (J)**	264 N (J)	**1,670 N (J)**	**326 N (J)**	**1,370 N (J)**	-	-
3/2002			**1,280**	**5,890**	121	**361**	**1,570**	**523**	3.9 B	**1,180**	**2,970**	**1,250**	**1,060**	**1,410**	-	-
6/2009			**584**	**17,200**	120	**686**	**598**	101	6.7 B (<6.7 U)	**1,660**	**2,050**	**850**	127	**3,080**	-	**577**
10/2011			**599**	-	134	**811**	**417**	159	<10.0	**844**	**2,090**	**567**	**3,590**	**2,370**	**3,260**	**2,430**
3/2012			**490**	-	64.8	**529**	**1,230**	22.5	2.8 B	**747**	**2,900**	100	**4,590**	**1,830 (1,770)**	**3,140**	**4,660**
7/2012			**495**	-	79.2	**1,230**	**911**	14.7 B	1.2 B	**444**	**2,130**	91.5	**3,840**	**2,260**	**2,830**	93
9/2012			**567 E**	-	68.2 E (9.5 B)	**1,410 E**	**822 E**	6.0 BE	<0.77 E	**612 E**	**2,380 E**	123 E	**1,410 E**	**2,370 E**	**2,610 E**	**565 E**
12/2012			**518**	-	31.8	**629**	**852**	14.6 B	2.8 B	**417**	**1,380**	179	**787**	**2,360**	**2,490**	**2,490**
3/2013			**719**	-	54	265	**861**	22.6	1.2 B	**549**	**1,530**	126	**1,610**	**2,210**	**2,570**	**1,640**
6/2013			**647**	-	34	96	**527**	<10	<10	**540**	<10	32	**1,710**	**1,720**	**2,460**	**623**
9/2013			-	-	53.4	146	**877**	32.3	2.5 B	**429**	**1,230**	64.1	**2,450**	**1,940**	**2,950**	44.2
12/2013			-	-	40.7	124	**907**	17.5	<1.5	**584**	**1,480**	27.6	**3,200**	**2,100**	**3,080**	**935**
3/2014			**684**	-	40.8	226	**2,030**	10.8 B	1.6 B	**709**	**1,450**	147	**2,440**	**1,750**	**2,810**	**660**
6/2014			**1,230**	-	98.8	239	**1,880**	9.0 B	0.52 B	**767**	45.3	1.3 B	**2,560**	**1,530**	**2,870**	**2,930**
9/2014			**839**	-	89.6	250	**1,610**	3.2 B	5.8 B	**493**	**964**	5.0 B	**2,050**	**1,600**	**3,140**	**1,590**
12/2014			**920**	-	24.8	**303**	**1,860**	11.9 B	2.4 B	**540**	**1,580**	2.6 B	**2,590**	**1,800**	**3,830**	**298**
3/2015			**934**	-	27.7	**353**	**1,720**	10.1 B	<0.23	**442**	**486**	170 (J)	**1,810**	**1,590**	**3,810**	82.5 (J)
6/2015			**1,210**	-	60	193	**1,860**	9.9 B	<0.42	**721**	**930**	4.0 B	**1,760**	**1,270**	**3,870**	**4,100**
9/2015			**850**	-	148	155	**2,030**	10.1 B	0.6 B	**804**	**959**	44	**1,750**	**1,410**	**4,480**	1.7 B
12/2015			**645**	-	117	**569**	**2,600**	1.9 B	<0.42	**1,240**	**988**	18.2	**1,770**	**1,230**	**4,570**	**2,450**
3/2016			**658**	-	31.2	238	**2,630**	77.8	1.0 B	**605**	**1,350**	7.3 B	**1,950**	**1,510**	**5,000**	1.0 B
6/2016			**1,680 B**	-	234 B	299 B	**2340 B**	81.3 B	1.7 JB	**688 B**	**947 B**	147 B	**3,320 B**	**1,280 B**	**5,710 B**	**5,580 B**
9/2016			**1,250 B**	-	136 B	275 B	**1,930 B**	10.2 B	1.1 JB	**683 B**	**1,300 B**	34.5 B	**2,530 B**	**1,270 B**	**5,340 B**	0.79 JB
12/2016			**601**	-	56.4	**318**	**2,450**	7	0.40 J	**684**	**1,130**	4	**3,120**	**1,170**	**5,030**	9
3/2017			**687**	-	222	**306**	**3,140**	20.6	2.2 J	**1,020**	**1,360**	132	**10,100**	**1,170**	**5,370**	1.7 J
6/2017			**1,080**	-	55.3	**417**	**3,370**	12.4	<0.40	**963**	23.4	13.6	**4,620**	**1,340**	**5,740**	15.7
9/2017			**2,440 B (1,950 B)**	-	238 B	193 B	**2,450 B**	81.8 B	1.1 JB	**558 B**	**1,210 B**	63.0 B	**10,200 B**	**1,550 B**	**5,750 B**	**1,270 B**
Q4 2017				-												
11/6/1985	Mercury (ug/l)	0.7	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
3/21/1990			<0.4	<0.4	<0.4	<0.4	<0.4	-	-	-	-	-	-	-	-	-
11/2001			<0.2 (R)	<0.2 (R)	<0.2 (R)	<0.2 (R)	<0.2 (R)	<0.2 (R)	<0.2 (R)	0.24 (J)	<0.2 (R)	<0.2 (R)	<0.2 (R)	<0.2 (R)	-	-
3/2002			<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-
6/2009			<0.056	<0.056	<0.056	0.074 B	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	-	<0.056
10/2011			<0.028	-	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028
7/2012			<0.10	-	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
9/2013			-	-	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15
12/2014			<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
3/2015			<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
6/2016			<0.12	-	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
9/2017			<0.12 (<0.12)	-	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
11/6/1985	Nickel (ug/l)	100	11	<5.0	<5.0	<5.0	46	-	-	-	-	-	-	-	-	-
3/21/1990			<50	<50	<50	<50	<50	-	-	-	-	-	-	-	-	-
9/1999			ND	4.8 B	ND	3.4 B	7.8 B	-	-	-	-	-	-	-	-	-
11/2001			<4.0	15.8 B	4.0 B	<4.0	4.6 B	45.1	<4.0	92.2	<4.0	17.3 B	<4.0	16.3 B	-	-
3/2002			7.6 B	<2.1	<2.1	<2.1	<2.1	8.5 B	<2.1	8.2 B	<2.1	<2.1	35.5 B	6.2 B	-	-
6/2009			<1.5	5.1 B	2.0 B	3.0 B	3.7 B	2.9 B	<1.5	4.6 B	1.6 B	2.1 B	<1.5	2.3 B	-	3.8 B
10/2011			0.99 B (J)	-	1.7 B (J)	1.3 B (J)	1.3 B (J)	3.9 B (J)	<0.85	4.5 B (J)	1.3 B (J)	1.8 B (J)	5.8 B (J)	3.2 B (J)	26.2 B (J)	5.2 B (J)
7/2012			<0.29	-	1.1 B	0.96 B	0.95 B	<0.29	<0.29	0.89 B	1.3 B	<0.29	4.0 B	<0.29	<0.29	<0.29
9/2013			-	-	0.72 B	1.2 B	0.46 B	0.64 B	0.67 B	<0.46	0.73 B	0.76 B	2.9 B	<0.46	<0.46	0.75 B
12/2014			<0.36	-	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	2.2 B	<0.36	<0.36	<0.36
3/2015			<0.36	-	<0.36	<0.36	<0.36	0.39 B	<0.36	<0.36	0.45 B	<0.36	2.9 B	<0.36	<0.36	<0.36
6/2016			<1.3	-	2.8 J	<1.3	<1.3	2.1 J	<1.3	5.1 J	<1.3	<1.3	2.6 J	3.9 J	4.8 J	6.1 J
9/2017			<1.3	-	1.9 J	<1.3	<1.3	3.4 J	<1.3	1.4 J	<1.3	<1.3	2.7 J	2.7 J	1.3 J	<1.3
3/21/1990	Potassium (ug/l)	No Standard	33,600	327	1,070	12,300	18,700	-	-	-	-	-	-	-	-	-
9/1999			30,800	4,530 B	446 B	31,800 B	46,300	-	-	-	-	-	-	-	-	-

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
11/2001	Potassium (ug/l)	No Standard	32,100	6730	2,110 B	12900	24,700	7,300	609 B	50,800	4,330 B	11,100	2,130 B	4,210 B	-	-
3/2002	(continued)		30,900 E	5,770 E	720 BE	11,300 E	20,100 E	1,680 BE	386 BE	29,700 E	13,300 E	8,000 E	6,200 E	2,710 BE	-	-
6/2009			23,600	7,200	1,360	33,700	20,500	1,370	623 B	41,000	24,300	6,970	1,840	1,710	-	19,800
10/2011			13,500	-	3,010	18,500	10,300	1,770 (<1,770 U)	816 B (<816 U)	29,900	16,100	2,330	2100 (J)	3,370	26.2 B (J)	3,610
3/2012			15,700 E	-	872 BE	16,200 E	21,900 E	681 BE	555 BE	39,400 E	19,000 E	1,610 BE	4,010 BE	4,420 BE (3,240 BE)	6,060 E	4,050 BE
7/2012			11,600 E (J)	-	1,740 BE (J)	17,400 E (J)	28,000 E (J)	832 BE (J)	606 BE (J)	39,800 E (J)	16,500 E (J)	2,270 BE (J)	3,820 BE (J)	3,440 BE (J)	7,060 E (J)	2,140 BE (J)
9/2012			14,300 E	-	1,160 BE (1,010 B)	15,700 E	19,400 E	498 BE	517 BE	3,900 E	13,000 E	1,580 BE	2,310 BE	3,540 BE	5,380 E	14,300 E
12/2012			9,590 E	-	1,100 BE	16,200 E	21,700 E	781 BE	654 BE	29,000 E	10,900 E	1,890 BE	1,740 BE	3,410 BE	5,250 E	4,980 BE
3/2013			9,830 E	-	1,170 BE	10,000 E	21,900 E	1,440 BE	629 BE	27,300 E	11,200 E	1,430 BE	1,530 BE	3,270 BE	4,310 BE	1,580 BE
6/2013			9,780	-	934 B	7,350	16,200	871 B	593 B	28,900	10,700	1,040 B	1,620 B	3,900 B	3,690 B	10,600
9/2013			-	-	2,350 B	6,730	14,900	948 B	729 B	22,800	9,250	1,700 B	1,710 B	3,890 B	3,950 B	1,030 B
12/2013			-	-	1,400 BE	5,760 E	19,100 E	904 BE	786 BE	24,700 E	9,630 E	1,440 BE	2,110 BE	4,980 BE	4,010 BE	19,500 E
3/2014			9,420	-	1,270 B	7,300	16,400	704 B	862 B	26,700	10,400	1,610 B	1,650 B	3,870 B	3,350 B	9,240
6/2014			16,400 E	-	4,660 BE	6,890 E	17,100 E	471 BE	1,260 BE	26,000 E	9,540 E	811 BE	1,710 BE	3,860 BE	3,100 BE	3,040 BE
9/2014			13,900 E	-	2,880 BE	5,690 E	11,500 E	481 BE	637 BE	18,600 E	9,090 E	1,040 BE	1,620 BE	4,070 BE	3,110 BE	11,000 E
12/2014			9,890 E	-	1,810 BE	4,830 BE	17,600 E	716 BE	645 BE (J+)	23,300 E	9,490 E	1,740 BE	1,700 BE	4,660 BE	3,430 BE	4,630 BE
3/2015			9960 E	-	2140 BE	6,550 E	15,400 E	807 BE	867 BE	19000 E	13,100 E	1,600 BE	1,790 BE	4870 BE	4,030 BE	1,620 BE
6/2015			8,490 E	-	1,980 BE	2,980 BE	13,700 E	400 BE	606 BE	17,600 E	6,490 E	1,160 BE	1,350 BE	4,380 BE	2,730 BE	2,880 BE
9/2015			16,200 E	-	7,090 E	3,340 BE	11,200 E	355 BE	525 BE	21,500 E	6,530 E	1,380 BE	1,510 BE	4,280 BE	2,960 BE	554 BE
12/2015			12,500 E	-	7590 E	3,630 BE	15,100 E	357 BE	518 BE	22,700 E	6,610 E	1,680 BE	1,430 BE	3,600 BE	2,940 BE	14,400 E
3/2016			6,260 E	-	2,610 BE	2,820 BE	9,030 E	692 BE	524 BE	13,400 E	7,610 E	1,470 BE	1,640 BE	5,910 E	3,020 BE	519 BE
6/2016			4,920	-	4,000	4,640	8,290	1,270	617	11,300	5,710	1,710	2,170	5,800	3,870	4,010
9/2016			5,480	-	3,570	4,660	7,350	567	714	10,200	6,440	1,430	1,730	4,640	8,040	661
12/2016			5,850	-	2,420	4,730	11,100 ^	525	20,100	9,500 ^	6,420	1,760	1,950	4,180	3,680	547
3/2017			4,630 B	-	2,820 B	3,490 B	7,120 B^	707 B	681 B	10,200 B^	6,670 B	2,270 B	2,630 B	4,570 B	5,180 B	727 B
6/2017			5,290	-	2,700	5,430 B	5,490 B	535 B	616 B	9,900 B	6,240 B	1,660	2,050	5,520	3,000 B	606 B
9/2017			6,840 (6,280)	-	4,770	4,860	6,240	1,070	603	8,500	5,850	1,830	2,600	6,440	3,040	5,680
Q4 2017				-												
3/21/1990	Selenium (ug/l)	10	<5.0	<5.0	<5.0	<5.0	<5.0	-	-	-	-	-	-	-	-	-
9/1999			**22.3**	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
11/2001			<5.0 **	<5.0 **	<5.0 **	<5.0 **	<5.0 **	<5.0 **	<5.0 **	<5.0 **	<5.0 **	<5.0 **	<5.0 **	<5.0 **	-	-
3/2002			<3.4	<3.4	<3.4	<3.4	<3.4	3.7 B	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	-	-
6/2009			<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	-	<6.6
10/2011			<12.0	-	<12.0	<12.0	<12.0	<12.0	<12.0	<12.0	<12.0	<12.0	<12.0	<12.0	<12.0	<12.0
7/2012			<1.5	-	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	1.7 B	<1.5	<1.5	<1.5	<1.5
9/2013			-	-	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1
12/2014			<1.5 N	-	<1.5 N	<1.5 N	<1.5 N	<1.5 N	<1.5 N (UJ)	<1.5 N	<1.5 N	<1.5 N	<1.5 N	<1.5 N	<1.5 N	<1.5 N
3/2015			<1.5 N	-	<1.5 N	<1.5 N	<1.5 N	<1.5 N	<1.5 N	<1.5 N	<1.5 N	1.7 BN	2.1 BN (J)	<1.5 N	<1.5 N	<1.5 N
6/2016			<8.7	-	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7
9/2017			<8.7	-	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7
11/6/1985	Silver (ug/l)	50	8.0	<6.0	<6.0	<6.0	<6.0	-	-	-	-	-	-	-	-	-
3/21/1990			<20	<20	<20	<0.4	<20	-	-	-	-	-	-	-	-	-
9/1999			4.2 B	2.5 B	ND	ND	1.1 B	-	-	-	-	-	-	-	-	-
11/2001			<5.0	10.3	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	-	-
3/2002			2.9 B	1.8 B	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	2.1 B	<1.6	-	-
6/2009			<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	0.78 B	<0.59	<0.59	0.99 B (<0.99 U)	<0.59	<0.59	-	<0.59
10/2011			<6.9	-	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9
7/2012			6.6 BN (J)	-	8.0 BN (J)	8.1 BN (J)	9.0 BN (J)	6.5 BN (J)	10.5 N (J)	4.8 BN (J)	3.9 BN (J)	9.9 BN (J)	11.4 N (J)	5.3 BN (J)	8.5 BN (J)	4.0 BN (J)
9/2013			-	-	3.5 B	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7
12/2014			<1.4 N	-	<1.4 N	<1.4 N	<1.4 N	<1.4 N	<1.4 N	<1.4 N (UJ)	<1.4 N	<1.4 N	<1.4 N	<1.4 N	<1.4 N	<1.4 N
3/2015			<1.4 N	-	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4 N	<1.4	<1.4	<1.4	<1.4 N
6/2016			<1.7	-	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
9/2017			<1.7	-	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
3/21/1990	Sodium (ug/l)	20,000	**66,200**	**34,600**	**69,500**	**44,600**	**182,000**	-	-	-	-	-	-	-	-	-
11/2001			**240,000**	**34,600**	**129,000**	18,700	**83,300**	**23,800**	6,280	**94,900**	19,900	**56,200**	**43,000**	**97,800**	-	-
3/2002			**262,000 E**	**155,000 E**	**37,200 E**	15,200 E	**78,000 E**	14,800 E	5,200 E	**75,400 E**	**29,800 E**	**43,900 E**	**73,800 E**	**54,000 E**	-	-
6/2009			**66,500**	**96,800**	**217,000**	**76,000**	**68,200**	**48,500**	8,060	**63,200**	**56,900**	**29,500**	**87,000**	**47,000**	-	**65,700**
10/2011			**68,300**	-	**290,000**	**23,200**	18,400	**20,100**	**28,200**	**86,700**	**40,100**	4,660	**34,900**	**52,800**	**32,400**	**52,400**
3/2012			**34,400 E**	-	**25,300 E**	**29,800 E**	**36,700 E**	**31,000 E**	12,400 E	**111,000 E**	**59,200 E**	3,460 BE	**131,000 E**	**39,400 E (40,000 E)**	**30,900 E**	**141,000**
7/2012			**29,000 E (J)**	-	**104,000 E (J)**	**33,800 E (J)**	**110,000 E (J)**	**26,500 E (J)**	14,800 E (J)	**97,900 E (J)**	**37,500 E (J)**	4,270 BE (J)	**229,000 E (J)**	**23,100 E (J)**	**33,000 E (J)**	4,170 BE (J)
9/2012			**73,900 E**	-	**71,800 E (68,000 E)**	**32,500 E**	**71,000 E**	**22,500 E**	12,800 E	**64,500 E**	**31,200 E**	2,330 BE	**103,000 E**	**17,900 E**	**20,900 E**	**69,400 E**
12/2012			**63,100 E**	-	**31,900 E**	**37,400 E**	**92,200 E**	**26,400 E**	14,700 E	**81,500 E**	**34,00 E**	3,790 BE	**121,000 E**	**20,300 E**	**23,300 E**	**23,100 E**
3/2013			**55,100**	-	12,300	**54,800**	**104,000**	**32,500**	12,900	**65,500**	**36,000**	2,960 B	**28,400**	**20,400**	**23,800**	**28,900**
6/2013			**73,400 E**	-	16,400 E	**28,500 E**	**105,000 E**	**28,500 E**	15,000 E	**70,100 E**	**33,400 E**	3,670 BE	**21,700 E**	**20,100 E**	**23,300 E**	**69,200 E**
9/2013			-	-	**121,000 E(J)**	**25,700 E(J)**	**111,000 E(J)**	19,800 E(J)	**20,400 E(J)**	**62,400 E(J)**	**29,300 E(J)**	3,140 BE(J)	**21,500 E(J)**	19,100 E(J)	**24,600 E(J)**	19,700 E(J)

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
12/2013	Sodium (ug/l)	20,000	-	-	**85,200 E**	19,600 E	**97,100 E**	**21,700 E**	**20,600 E**	**85,000 E**	**21,400 E**	4,250 BE	**22,800 E**	**21,400 E**	**26,700 E**	**107,000 E**
3/2014	(continued)		**93,600**	-	**35,500**	13,400	**93,600**	**26,800**	19,900	**48,400 B**	**39,300**	2,880 B	**21,700**	**22,500**	**26,300**	**87,000**
6/2014			**153,000**	-	**170,000**	12,200	**70,300**	16,200	19,000	**56,800**	**38,900**	2,730 B	**21,900**	**23,200**	**27,200**	**27,100**
9/2014			**163,000 E**	-	**114,000 E**	9,040 E	**66,500 E**	11,900 E	19,200 E	**55,300 E**	**40,600 E**	3,570 BE	**21,400 E**	**23,400 E**	**26,700 E**	**64,300 E**
12/2014			**69,300 E**	-	**106,000 E**	9,030 E	**117,000 E**	13,400 E	17,700 E	**69,300 E**	**41,200 E**	8,240 E	**21,600 E**	**25,700 E**	**29,500 E**	8,880 E
3/2015			**260,000**	-	**107,000**	16,200	**137,000**	**23,400**	8,630	**104,000**	**44,100**	4,340 B	**23,300**	**30,300**	**33,900**	4,520 B
6/2015			**133,000**	-	**79,700**	10,300	**80,700**	18,200	12,800	**68,700**	**27,100**	4,470 B	19,500	**32,400**	**28,400**	**29,800**
9/2015			**387,000**	-	**360,000**	10,000	**95,900**	16,900	10,500	**79,800**	**27,100**	5,500	**22,100**	**23,600**	**29,500**	10,500
12/2015			**287,000 E**	-	**312,000 E**	10,300 E	**117,000 E**	16,000 E	7,440 E	**66,800 E**	**26,000 E**	3,420 BE	**21,500 E**	**22,200 E**	**30,000 E**	**95,700 E**
3/2016			**124,000 E**	-	**132,000 E**	12,500 E	**120,000 E**	**26,600 E**	5,980 E	**84,700 E**	**44,200 E**	2,530 BE	**24,000 E**	**62,700 E**	**34,300 E**	6,010 E
6/2016			**163,000**	-	**157,000**	**28,700**	**101,000**	**25,800**	6,730	**88,500**	**36,500**	2,790	**26,200**	**70,300**	**35,500**	**35,800**
9/2016			**206,000**	-	**176,000**	**42,100**	**88,400**	**31,400**	9,470	**77,300**	**37,400**	2,870	**22,800**	**50,800**	**37,400**	9,460
12/2016			**204,000**	-	**99,100**	**40,600**	**99,600**	**36,300**	13,800	**80,100**	**35,500**	3,890	20,000	**40,100**	**47,300**	**36,100**
3/2017			**92,900**	-	**102,000**	**20,400**	**125,000**	**42,900**	9,790	**69,600**	**43,700**	9,970	**22,000**	**44,300**	**53,200**	9,810
6/2017			**147,000**	-	**170,000**	**39,800 B**	**111,000 B**	**29,000 B**	13,600 B	**94,000 B**	**42,100 B**	10,500	**21,800**	**86,100**	**44,000 B**	**28,700 B**
9/2017			**472,000 (438,000)**	-	**293,000**	**49,900**	**106,000**	**23,700**	9,320	**94,200**	**44,100**	6,660	**21,900**	**112,000**	**37,400**	**42,800**
Q4 2017				-												
3/21/1990	Thallium (ug/l)	0.5 (GV)	<10	<10	<10	<10	<10	-	-	-	-	-	-	-	-	-
9/1999			ND	**21.4**	ND	ND	**7,300 B**	-	-	-	-	-	-	-	-	-
11/2001			<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	-	-
3/2002			<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	-	-
6/2009			<4.2	**9.4 B**	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	-	<4.2
10/2011			<6.2	-	<6.2	6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2
7/2012			<1.8	-	<1.8	<1.8	**2.5 B**	<1.8	<1.8	<1.8	**4.9 B**	**3.8 B**	**7.4 B**	**2.7 B**	**6.9 B**	**2.1 B**
9/2013			-	-	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	**4.6 B**	**5.6 B**	**4.2 B**	<3.3
12/2014			<3.0	-	**3.6 B**	**5.8 B**	**13.8**	<3.0	<3.0	**10.6**	**3.8 B**	<3.0	**9.9 B**	<3.0	**10.4**	**4.1 B**
3/2015			**5.8 B**	-	<3.0	**5.2 B**	<3.0	<3.0	<3.0	**4.3 B**	**5.6 B**	<3.0	**5.2 B**	<3.0	**14.4**	<3.0
6/2016			<10.2	-	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
9/2017			<10.2	-	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2	<10.2
9/1999	Vanadium (ug/l)	No Standard	10.7 B	0.82 B	ND	ND	1.7 B	-	-	-	-	-	-	-	-	-
11/2001			15.3 B	27.7 B	5.9 B	<2.6	3.0 B	144	<2.6	237	8.0 B	50.5	2.9 B	47.9 B	-	-
3/2002			37.2 B	4.0 B	2.7 B	<1.5	2.4 B	22.2 B	<1.5	26.1 B	<1.5	11.9 B	56.3	22.5 B	-	-
6/2009			2.8 B (<2.8 U)	3.5 B (<3.5 U)	3.5 B (<3.5 U)	<0.96	<0.96	13.6 B (<13.6 U)	<0.96	6.4 B (<6.4 U)	<0.96	2.0 B (<2.0 U)	<0.96	8.9 B (<8.9 U)	-	<0.96
10/2011			2.5 B (J)	-	4.3 B (4.3)	<1.1	<1.1	15.0 B (J)	<1.1	3.6 B (J)	<1.1	1.8 B (J)	2.9 B (J)	3.3 B (J)	59.2	7.4 B (J)
7/2012			<5.4	-	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
9/2013			-	-	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9	<10.9
12/2014			8.0 B	-	<4.2	4.3 B	<4.2	<4.2	<4.2	5.3 B	<4.2	6.1 B	<4.2	6.8 B	<4.2	<4.2
3/2015			<4.2	-	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	4.8 B	<4.2	<4.2	<4.2	<4.2	<4.2
6/2016			3.8 J	-	6.4	<1.5	<1.5	6.8	<1.5	11	<1.5	<1.5	<1.5	11	11	13.5
9/2017			6.2	-	4.6 J	<1.5	<1.5	5.7	<1.5	<1.5	<1.5	2.9 J	<1.5	5	3.4 J	<1.5
11/6/1985	Zinc (ug/l)	2,000 (GV)	43	17	22	23	36	-	-	-	-	-	-	-	-	-
3/21/1990			<10	<10	<10	<10	20	-	-	-	-	-	-	-	-	-
9/1999			20.6	20.7	12.3 B	12.3 B	14.9 B	-	-	-	-	-	-	-	-	-
11/2001			32.7 E (J)	80.6 E (J)	25.5 E (J)	17.7 BE (J)	15.9 BE (J)	267 E (J)	17.7 BE (J)	445 E (J)	24.8 E (J)	113 E (J)	25.3 E (J)	79.5 E (J)	-	-
3/2002			88.6	31.9	31	35.5	17.3 B	82.8	28.7	74.8	25.2	31.9	288	61.7	-	-
6/2009			8.4 B (<8.4 U)	22.1 B (<22.1 U)	19.4 B (<19.4 U)	9.0 B (<9.0 U)	11.7 B (<11.7 U)	26.4 B (<26.4 U)	16.7 B (<16.7U)	15.3 B (<15.3 U)	14.7 B (<14.7 U)	27.8 B (<27.8 U)	11.0 B (<1.0 U)	16.7 B (<16.7 U)	-	8.4 B (<8.4 U)
10/2011			11.0 B (<11.0 U)	-	26.8 B (<26.8 U)	11.0 B (<11.0 U)	22.7 B (<22.7 U)	31.3 B (<31.3 U)	19.1 B (<19.1 U)	40.7 B (<40.7 U)	17.5 B (<17.5 U)	22.4 B (<22.4 U)	33.3 B (<33.3 U)	21.1 B (<21.1 U)	111	72.3 (<72.3 U)
7/2012			<1.1	-	10.3 B	2.8 B	1.8 B	<1.1	<1.1	<1.1	4.6 B	1.5 B	<1.1	<1.1	<1.1	<1.1
9/2013			-	-	3.1 B	2.6 B	2.0 B	8.1 B	3.4 B	5.5 B	2.3 B	2.3 B	4.9 B	5.2 B	3.8 B	4.0 B
12/2014			6.4 B	-	6.4 B	7.8 B	7.8 B	6.5 B	5.7 B	7.0 B	9.1 B	5.0 B	8.3 B	7.0 B	5.6 B	5.8 B
3/2015			0.57 B	-	0.64 B	0.78 B	8.6 B	1.6 B	4.5 B	2.7 B	2.6 B	2.7 B	7.0 B	3.6 B	1.5 B	1.1 B
6/2016			3.1 JB	-	16.7 B	3.8 JB	4.0 JB	8 JB	7.3 JB	22.5 B	<1.5	4.7 JB	3.4 JB	17 B	20 B	20.6 B
9/2017			3.7 J	-	8.2 J	1.7 J	1.6 J	5.3 J	13.3	<1.5	4.3 J	3.8 J	3.6 J	16.8	5.4 J	2.0 J
Volatile Organics																
11/15&18/1996	Acetone (ug/l)	50	14	<5.0	<5.0	<5.0	<5.0	-	-	-	-	-	-	-	-	-
9/1999			5.0 J	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
11/2001			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	-	-
3/2002			<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	-	-
8/2002			<3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-
6/2009			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 (UJ)	<5.0 (UJ)	<5.0 (UJ)	<5.0 (UJ)	<5.0 (UJ)	<5.0 (UJ)	-	<5.0 (UJ)
10/2011			<5.0 (J)	-	<5.0 (J)	<5.0 (J)	<5.0 (J)	<5.0 (J)	<5.0 (J)	<5.0 (J)	<5.0 (J)	<5.0 (J)	<5.0 (J)	<5.0 (J)	<5.0 (J)	<5.0 (J)
7/2012			3.9 J (<10 UJ)	-	<10 (UJ)	<10 (UJ)	<10 (UJ)	<10 (UJ)	4.8 J (<10 UJ)	<10 (UJ)	<10 (UJ)	<10 (UJ)	<10 (UJ)	<10 (UJ)	<10 (UJ)	<10 (UJ)
9/2013			-	-	<10 (UJ)	<10 (UJ)	<10 (UJ)	<10 (UJ)	<10 (UJ)	<10 (UJ)	<10 (UJ)	<10 (UJ)	<10 (UJ)	<10 (UJ)	<10 (UJ)	<10 (UJ)
12/2014			<10	-	<10	<10 (UJ)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3/2015			<10	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
6/2016	Acetone (ug/l)	50	<10	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
9/2017	(continued)		4.4 J	-	<3.0	<3.0	3.8 J	4.5 J	3.0 J	<3.0	3.7 J	<3.0	3.7 J	<3.0	<3.0	3.8 J

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
3/21/1990	Benzene (ug/l)	1.0	**5.0**	<1.0	<1.0	<5.0	<5.0	-	-	-	-	-	-	-	-	-
11/15&18/1996			**4.0 J**	<5.0	<5.0	<5.0	<5.0	-	-	-	-	-	-	-	-	-
9/1999			**3.0 J**	<5.0	<5.0	<5.0	<5.0	-	-	-	-	-	-	-	-	-
11/2001			**4.0 J**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	-	-
3/2002			**1.9**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
8/2002			**3.5 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-
6/2009			**2.6 J**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**1.9 J**	<5.0	<5.0	<5.0	<5.0	-	<5.0
10/2011			**2.6 J**	-	<5.0	<5.0	<5.0	<5.0	<5.0	**2.3 J**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
7/2012			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9/2013			-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
12/2014			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3/2015			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
6/2016			**1.2**	-	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
9/2017			0.66 J	-	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
3/21/1990	Chlorobenzene (ug/l)	5.0	**12**	<1.0	<1.0	<5.0	<5.0	-	-	-	-	-	-	-	-	-
11/15&18/1996			**19**	<5.0	<5.0	<5.0	2.0 J	-	-	-	-	-	-	-	-	-
9/1999			**19**	<5.0	<5.0	<5.0	<5.0	-	-	-	-	-	-	-	-	-
11/2001			**18**	<10	<10	<10	3.0 J	<10	<10	<10	<10	<10	<10	<10	-	-
3/2002			4.6	<1.0	<1.0	<1.0	4.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
8/2002			**11**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-
6/2009			**28**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	3.3 J	<5.0	<5.0	<5.0	<5.0	-	<5.0
10/2011			**19**	-	<5.0	<5.0	<5.0	<5.0	<5.0	2.7 J	<5.0	<5.0	<5.0	<5.0	3.6 J	<5.0
7/2012			**8.5**	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	3.5 J	<5.0
9/2013			**-**	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
12/2014			**10**	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3/2015			**13**	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
6/2016			**9.3**	-	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	3	2.8
9/2017			**5.9**	-	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	2.6	<0.75
11/2001	Chloroform (ug/l)	7.0	<10	<10	<10	<10	<10	<10	<10	<10	**18**	<10	<10	<10	-	-
2/2002			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
8/2002			<0.61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-
6/2009			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	-	<5.0
10/2011			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
7/2012			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9/2013			-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
12/2014			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3/2015			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
6/2016			<0.34	-	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
9/2017			<0.34	-	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
3/21/1990	P-Dichlorobenzene	3.0	2.0	<1.0	NA	NA	NA	-	-	-	-	-	-	-	-	-
11/15&18/1996	1,4-	3.0	**4.0 J**	<5.0	<5.0	<5.0	<5.0	-	-	-	-	-	-	-	-	-
9/1999	Dichlorobenzene		0.5	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
11/2001	(ug/l)		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	-	-
3/2002			<1.0	<1.0	<1.0	<1.1	<1.0	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	-	-
8/2002			<0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-
6/2009			**5.1**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.0 J	<5.0	<5.0	<5.0	<5.0	-	<5.0
10/2011			**3.4 J**	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
7/2012			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9/2013			-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
12/2014			**3.5 J**	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3/2015			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
6/2016			**3.1**	-	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84
9/2017			2.3	-	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84
11/15&18/1996	1,2-	3.0	2.0 J	<5.0	<5.0	<5.0	<5.0	-	-	-	-	-	-	-	-	-
11/2001	Diclorobenzene		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	-	-
3/2002	(ug/l)		<1.0	<1.0	<1.0	<1.1	<1.0	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	-	-
8/2002			<0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-
6/2009			1.1 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.2 J	<5.0	<5.0	<5.0	<5.0	-	<5.0
10/2011			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
7/2012			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9/2013			-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
12/2014			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
3/2015	1,2-		<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
6/2016	Diclorobenzene		<0.79	-	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79
9/2017	(ug/l)		<0.79	-	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79
12/2014	1,3-	3.0	**3.4 J**	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3/2015	Dichlorobenzene		<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
6/2016	(ug/l)		-	-	-	-	-	-	-	-	-	-	-	-	-	-
9/2017			-		-	-	-	-	-	-	-	-	-	-	-	-
12/2014	trans-1,4-Dichloro-2-	5.0	2.5 J (U)	-	2.2 J (U)	<10	<10	<10	<10	<10	<10	2.5 J (U)	2.3 J (U)	<10	<10	<10
3/2015	butene (ug/l)		<10.0	-	<10.0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
6/2016			<0.22	-	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
9/2017			<0.22	-	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22
3/21/1990	cis-1,2-	5.0	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
11/2001	Dichloroethene		**8.8 J**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	-	-
3/2002	(ug/l)		**11**	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	-	-
8/2002			**8.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-
6/2009			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	-	<5.0
10/2011			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
7/2012			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9/2013			-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
12/2014			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3/2015			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
6/2016			<0.81	-	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81
9/2017			<0.81	-	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81
9/1999	Methylene	5.0	1.0 J	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
11/2001	Chloride (ug/l)		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	-	-
3/2002			<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	-	-
8/2002			<1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-
6/2009			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	-	<5.0
10/2011			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
7/2012			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9/2013			-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
12/2014			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3/2015			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
6/2016			<0.44	-	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
9/2017			<0.44	-	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
11/2001	Methyl tert-	10 (GV)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	-	-
3/2002	butyl Ether (ug/l)		**140**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
8/2002			**35**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-
6/2009			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	-	<5.0
10/2011			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
7/2012			-	-	-	-	-	-	-	-	-	-	-	-	-	-
9/2013			-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/2014			-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/2015			-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/21/1990	Tetrachloroethene	5.0	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
11/2001	(ug/l)		**8.4 J**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	-	-
3/2002			1.6 J	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	-	-
8/2002			<0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-
6/2009			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	-	<5.0
10/2011			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
7/2012			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9/2013			-	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
12/2014			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3/2015			<5.0	-	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
6/2016			<0.36	-	<0.36	<0.36	<0.36	<0.36	<0.36 F1	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
9/2017			<0.36	-	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
11/6/1985	Halogenated Organic scan (ug/l)	No Standard	0.81	0.15	0.12	0.8	4.0	-	-	-	-	-	-	-	-	-
	PCBs															
11/6/1985	Total PCBs (ug/l)	0.09	**4.8**	<1	<0.2	<1	**62**	-	-	-	-	-	-	-	-	-
3/21/1990			<0.5	<0.5	<0.5	<0.5	**18**	-	-	-	-	-	-	-	-	-
11/15&18/1996			**0.58**	<0.5	<0.5	**0.21 J**	**5.5**	-	-	-	-	-	-	-	-	-
9/1999			**18.8**	**3.31**	ND	**2.73**	**49.1**	-	-	-	-	-	-	-	-	-
9/2000			**0.546**	**0.562**	ND	**1.62**	**4.78**	-	-	-	-	-	-	-	-	-
11/2001			**1.2**	<2.0	<2.0	**0.87**	**7.4**	<2.0 (J)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	-

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
3/2002	Total PCBs (ug/l)	0.09	<0.56	<0.5	<0.54	<0.5	**3.5**	<0.56	<0.56	<0.5	<0.5	<0.5	<0.51	<0.53	-	-
6/2009	(continued)		**1.0**	<1.0	<1.0	<1.0	**10**	<1.0	<1.0	**5.6**	<1.0	<1.0	<1.0	<1.0	-	**12**
10/2011			<1.0	-	<1.0	<1.0	**8.6**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.6**	<1.0
7/2012			**0.265**	-	<0.068	0.037 JP	**4.9**	<0.066	<0.066	**0.465**	<0.065	<0.067	<0.069	<0.066	**6.83**	<0.066
12/2012			**1.36**	-	<0.065	**0.104**	**6.08**	<0.071	0.045	**0.147**	<0.068	<0.068	<0.065	<0.068	**14.92**	**12.91**
6/2013			**2.077**	-	0.033 J	<0.065	**3.61**	<0.067	<0.072	**0.419**	<0.071	<0.067	<0.065	<0.066	**7.17**	**1.918**
12/2013			-	-	0.018 J	0.020 JP	**3.26**	<0.065	<0.068	**0.461**	<0.065	<0.065	<0.067	<0.068	**9.71**	**3.13**
6/2014			**1.093**	-	<0.068	<0.065	**1.58**	<0.066	<0.065	**0.131**	<0.065	<0.065	<0.065	<0.068	**7.54**	**5.42**
12/2014			**1.235**	-	<0.068	<0.069	**1.23**	<0.065	<0.067	0.085	<0.072	<0.071	<0.066	<0.065	**6.63**	<0.065
6/2015			**1.172**	-	<0.066	<0.065	**2.3**	<0.065	<0.065	**0.099**	<0.067	<0.065	<0.067	<0.071	**7.75**	**8.64**
12/2015			**1.257**	-	**0.161**	**0.787**	**2.82**	**0.114**	**0.439**	**0.126**	**0.12**	0.049 J	**0.329**	**0.245**	**13.3**	**1.64**
6/2016			**2.0**	-	<0.25	<0.25	**3.0**	<0.25	<0.25	**0.20**	<0.25	<0.25	<0.25	<0.25	**5.6**	**6.2**
12/2016			**1.4**	-	<0.036	<0.037	**3.5**	<0.039	<0.038	0.09	<0.037	<0.038	<0.037	<0.038	**26**	<0.039
6/2017			**0.55**	-	<0.036	0.053 J	**3.2**	<0.036	<0.036	**0.11**	0.048 J	<0.036	<0.038	<0.038	**7.7**	<0.036
Q4 2017				-												
11/6/1985	PCB Aroclor 1016	0.09	-	-	-	<4.0	**62**	-	-	-	-	-	-	-	-	-
3/21/1990	(ug/l)		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
11/15&18/1996			<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
9/1999			ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
9/2000			ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
11/2001			<1.0	<1.0	<1.0	<1.0 (J)	<1.0	<1.0 (J)	<1.0	<1.0	<1.0	<1.0 (J)	<1.0	<1.0	-	-
3/2002			<0.56	<0.5	<0.54	<0.5	<0.5	<0.56	<0.56	<0.5	<0.5	<0.5	<0.51	<0.53	-	-
6/2009			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	<1.0
10/2011			<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7/2012			<0.071	-	<0.068	<0.069	<0.260	<0.066	<0.066	<0.065	<0.065	<0.067	<0.069	<0.066	<0.325	<0.066
12/2012			<0.068	-	<0.065	<0.065	<0.670	<0.071	<0.068	<0.067	<0.068	<0.068	<0.065	<0.068	<0.657	<0.684
6/2013			<0.068	-	<0.065	<0.065	<0.268	<0.067	<0.072	<0.068	<0.071	<0.067	<0.065	<0.066	<0.670	<0.067
12/2013			-	-	<0.066	<0.065	<0.271	<0.065	<0.068	<0.066	<0.065	<0.065	<0.067	<0.068	<0.650	<0.265
6/2014			<0.065	-	<0.068	<0.065	<0.065	<0.066	<0.065	<0.066	<0.065	<0.065	<0.065	<0.068	<0.325	<0.339
12/2014			<0.068	-	<0.068	<0.069	<0.325	<0.065	<0.067	<0.066	<0.072	<0.071	<0.066	<0.065	<3.25	<0.065
6/2015			<0.065	-	<0.066	<0.065	<0.325	<0.065	<0.065	<0.065	<0.067	<0.065	<0.067	<0.071	<0.650	<0.650
12/2015			<0.068	-	<0.068	<0.130	<0.130	<0.065	<0.065	<0.081	<0.065	<0.065	<0.065	<0.068	<0.650	<0.065
6/2016			<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
12/2016			<0.041	-	<0.036	<0.037	<0.073	<0.039	<0.038	<0.037	<0.037	<0.038	<0.037	<0.038	<0.37	<0.039
6/2017			<0.036	-	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.038	<0.038	<0.072	<0.036
Q4 2017				-												
12/2012	PCB Aroclor 1221	0.09	**0.936 P**	-	<0.065	<0.065	<0.670	<0.071	<0.068	<0.067	<0.068	<0.068	<0.065	<0.068	**6.220 P (NJ)**	**5.680 P (NJ)**
6/2013	(ug/l)		**1.22**	-	<0.065	<0.065	<0.268	<0.067	<0.072	<0.068	<0.071	<0.067	<0.065	<0.066	<0.670	**1.17**
12/2013			-	-	<0.066	<0.065	<0.271	<0.065	<0.068	<0.066	<0.065	<0.065	<0.067	<0.068	<0.650	<0.265
6/2014			**0.704 (J)**	-	<0.068	<0.065	<0.065	<0.066	<0.065	<0.066	<0.065	<0.065	<0.065	<0.068	<0.325	<0.339
12/2014			**0.839 P**	-	<0.068	<0.069	<0.325	<0.065	<0.067	<0.066	<0.072	<0.071	<0.066	<0.065	<3.25	<0.065
6/2015			**0.784 (J+)**	-	<0.066	<0.065	<0.325	<0.065	<0.065	<0.065	<0.067	<0.065	<0.067	<0.071	**2.88 (J+)**	**3.36 (J+)**
12/2015			**0.708 (J+)**	-	<0.068	<0.130	<0.130	<0.065	<0.065	<0.081	<0.065	<0.065	<0.065	<0.068	<0.650	<0.065
6/2016			<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
12/2016			<0.041	-	<0.036	<0.037	<0.073	<0.039	<0.038	<0.037	<0.037	<0.038	<0.037	<0.038	<0.37	<0.039
6/2017			<0.036	-	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.038	<0.038	<0.072	<0.036
Q4 2017				-												
11/6/1985	PCB Aroclor 1232	0.09	**4.8**	<1.0	-	<8.0	<40	-	-	-	-	-	-	-	-	-
11/15&18/1996	(ug/l)		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
11/2001			<1.0	<1.0	<1.0	<1.0 (J)	<1.0	<1.0 (J)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
3/2002			<0.56	<0.5	<0.54	<0.5	<0.5	<0.56	<0.56	<0.5	<0.5	<0.5	<0.51	<0.53	-	-
6/2009			**1.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**5.6**	<1.0	<1.0	<1.0	<1.0	-	<1.0
10/2011			<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
7/2012			<0.071	-	<0.068	<0.069	<0.260	<0.066	<0.066	<0.065	<0.065	<0.067	<0.069	<0.066	<0.325	<0.066
12/2012			<0.068	-	<0.065	<0.065	<0.670	<0.071	<0.068	<0.067	<0.068	<0.068	<0.065	<0.068	<0.657	<0.684
6/2013			<0.068	-	<0.065	<0.065	<0.268	<0.067	<0.072	<0.068	<0.071	<0.067	<0.065	<0.066	<0.067	<0.067
12/2013			-	-	<0.066	<0.065	<0.271	<0.065	<0.068	<0.066	<0.065	<0.065	<0.067	<0.068	<0.650	<0.265
6/2014			<0.065	-	<0.068	<0.065	<0.065	<0.066	<0.065	<0.066	<0.065	<0.065	<0.065	<0.068	<0.325	<0.339
12/2014			<0.068	-	<0.068	<0.069	<0.325	<0.065	<0.067	<0.066	<0.072	<0.071	<0.066	<0.065	<3.25	<0.065
6/2015			<0.065	-	<0.066	<0.065	<0.325	<0.065	<0.065	<0.065	<0.067	<0.065	<0.067	<0.071	<0.650	<0.650
12/2015			<0.068	-	<0.068	<0.130	<0.130	<0.065	<0.065	<0.081	<0.065	<0.065	<0.065	<0.068	<0.650	<0.065
6/2016			**2.0**	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
12/2016			**1.4**	-	<0.036	<0.037	<0.073	<0.039	<0.038	<0.037	<0.037	<0.038	<0.037	<0.038	**26**	<0.039
6/2017			<0.036	-	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.038	<0.038	<0.072	<0.036
Q4 2017				-												

TABLE 1 - HISTORICAL AND POST-CLOSURE GROUNDWATER SAMPLING RESULTS
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

Sampling Date	Parameter	NYSDEC Standard [1]	MW-101-1(R)[4]	MW-101-2[2]	MW-101-3	MW-101-4	MW-101-5	MW-101-6S	MW-101-6I	MW-101-7S	MW-101-7I	MW-101-8S(R)[3]	MW-101-8I(R)[3]	MW-101-10S(R)[3]	MW-2S	FDGW01
11/6/1985	PCB Aroclor 1242	0.09	-	-	<0.2	<4.0	<40	-	-	-	-	-	-	-	-	-
3/21/1990	(ug/l)		<0.5	<0.5	<0.5	<0.5	**18**	-	-	-	-	-	-	-	-	-
11/15&18/1996			**0.58**	<0.5	<0.5	**0.21 J**	**5.5**	-	-	-	-	-	-	-	-	-
9/1999			**18.8 J**	**3.31**	ND	**2.73**	**49.1**	-	-	-	-	-	-	-	-	-
9/2000			**0.546**	**0.562**	ND	**1.62**	**4.78**	-	-	-	-	-	-	-	-	-
11/2001			**1.2**	<1.0	<1.0	**0.87 J**	**7.4**	<1.0 (J)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
3/2002			<0.56	<0.5	<0.54	<0.5	**3.5**	<0.56	<0.56	<0.5	<0.5	<0.5	<0.51	<0.53	-	-
6/2009			<1.0	<1.0	<1.0	<1.0	**10**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-	**12**
10/2011			<1.0	-	<1.0	<1.0	**8.6**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.6**	<1.0
7/2012			**0.265**	-	<0.068	0.037 JP (J)	**4.9**	<0.066	<0.066	**0.465**	<0.065	<0.067	<0.069	<0.066	**6.83**	<0.066
12/2012			**0.424**	-	<0.065	**0.104**	**6.08**	<0.071	0.045 J	**0.147**	<0.068	<0.068	<0.065	<0.068	**8.7**	**7.23**
6/2013	PCB Aroclor 1242	0.09	**0.857**	-	0.033 J	<0.065	**3.61**	<0.067	<0.072	**0.419**	<0.071	<0.067	<0.065	<0.066	**7.17**	**0.748**
12/2013	(ug/l)		-	-	0.018 J	0.020 JP	**3.26**	<0.065	<0.068	**0.461**	<0.065	<0.065	<0.067	<0.068	**9.71**	**3.13**
6/2014	(continued)		**0.389**	-	<0.068	<0.065	**1.58**	<0.066	<0.065	**0.131**	<0.065	<0.065	<0.065	<0.068	**7.54**	**5.42**
12/2014			**0.396 (J)**	-	<0.068	<0.069	**1.23 P (J)**	<0.065	<0.067	0.085	<0.072	<0.071	<0.066	<0.065	**6.63**	<0.065
6/2015			**0.388 (J+)**	-	0.015 J (<0.066 U)	0.024 JP (<0.065 U)	**2.3**	0.018 J (<0.065 U)	<0.065	**0.099 P (J)**	<0.067	<0.065	<0.067	<0.071	**4.87 (J+)**	**5.28 (J+)**
12/2015			**0.549 (J+)**	-	<0.068	**0.2**	**2.82 (J)**	<0.065	<0.065	**0.126**	<0.065	<0.065	<0.065	<0.068	**13.3**	**1.64 (J)**
6/2016			<0.18	-	<0.18	<0.18	**3.0**	<0.18	<0.18	**0.20 J**	<0.18	<0.18	<0.18	<0.18	**5.6 (J)**	**6.2**
12/2016			<0.041	-	<0.036	<0.037	**3.5**	<0.039	<0.038	<0.037	<0.037	<0.038	<0.037	<0.038	<0.37	<0.039
6/2017			**0.55**	-	<0.036	0.053 J	**3.2**	<0.036	<0.036	**0.11**	0.048 J	<0.036	<0.038	<0.038	**7.7**	<0.036
Q4 2017				-												
12/2016	PCB Aroclor 1248	0.09	<0.041	-	<0.036	<0.037	<0.073	<0.039	<0.038	0.09	<0.037	<0.038	<0.037	<0.038	<0.37	<0.061
6/2017			<0.036	-	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.036	<0.038	<0.038	<0.072	<0.036
Q4 2017				-												
12/2015	PCB Aroclor 1260	0.09	<0.068	-	**0.161**	**0.587**	<0.130	**0.114**	**0.439**	<0.081	**0.12**	0.049 J	**0.329**	**0.245**	<0.065	<0.065
6/2016	(ug/l)		<0.25	-	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
12/2016			<0.033	-	<0.030	<0.030	<0.059	<0.032	<0.031	<0.030	<0.031	<0.031	<0.030	<0.031	<0.30	<0.032
6/2017			<0.036	-	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.031	<0.031	<0.059	<0.030
Q4 2017				-												

Notes:

[1] NYSDEC TOGS 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998, and Addenda dated April 2000 and June 2004.

[2] Monitoring well MW-101-2 was abandoned in 2010 as part of the Remedial Construction.

[3] Monitoring wells MW-101-8S, MW-101-8I and MW-101-10S were abandoned in 2010 as part of the Remedial Construction, and were replaced in 2011 with wells MW-101-8S(R), MW-101-8I(R), and MW-101-10S(R), respectively.

[4] Monitoring well MW-101-1 was abandoned in 2014 and was replaced with well MW-101-1(R).

This table summarizes detections only and does not present all of the analyses performed.

The validated data only applies to the results for the June 2009, October 2011, July 2012, September 2013, December 2014, March 2015 and June 2016 sampling events, and the December 2012, June 2013, December 2013, June 2014, December 2014, June 2015, December 2015, June 2016 and December 2016 PCB results.

Test results for 11/6/1985 came from Glens Falls Landfill, Phase II Investigation Report, dated February 1987 by Recra Research, Inc.
Test results for 3/21/1990 came from Monitoring Well Testing and Analysis, Glens Falls Landfill Site (CHA Project NO: 2049-07.01).
Test results for 11/15/1996 and 11/18/1996 came from Supplemental Sampling Project, Glens Falls Landfill Site, dated March 12, 1997 by NYSDEC.
Test results for 9/1999 and 9/2000 came from Draft Table 5-6 Luzerne Road Groundwater Sample Analytical Test Results provided by NYSDEC.
Test results for 11/2001, 3/2002 and 8/2002 came from Remedial Investigation Report, Glens Falls Municipal Landfill at Luzerne Road, dated October 7, 2002 by C.T. Male Associates, P.C.
Test results for 6/2009 from samples collected June 23, 24 and 25, 2009 by C.T. Male Associates prior to Remedial Construction.
Test results for 10/2011 from samples collected October 5 ad 6, 2011 by C.T. Male Associates after Remedial Construction.
FDGW01 collected at the following locations: 12/14 at MW-101-4; 6/09,12/13, 9/14 and 12/15 at MW-101-5; 9/13, 12/16 and 6/17 at MW-101-6S; 9/15, 3/16, 9/16 and 3/17 at MW-101-6I; 10/11 at MW-101-10S(R); 3/12 and 3/13 at MW-101-8I(R); 7/12 and 3/15 at MW-101-8S(R); 9/12 and 6/13 at MW-101-1; 3/14 at MW-101-1(R); 12/12, 6/14, 6/15 and 6/16 at MW-2S; and 9/17 at MW-101-7I.
EBGW01 collected at the following locations prior to purging and sampling: 6/09 at MW-101-6I; and 10/11 at MW-101-7I.
GV denotes guidance value versus standard value.
NA denotes not analyzed. ND denotes non detect. ** and * indicates duplicate analysis not within control limit.
^ indicates ICV, CCV, ICB, CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
b indicates result detected in the unseeded control blank (USB).
B indicates analyte result between instrument detection limit (IDL) and contract required detection limit (CRDL).
B indicates analyte found in the associated blank as well as the sample for all results from June 2016 forward.
D indicates duplicate reproducibility outside of acceptable limits.
E indicates reported value is estimated because of the presence of interference.
F1 indicates MS and/or MSD Recovery is outside acceptance limits.
GS1 indicates sample dilution required for high concentration of target analytes to be within instrument calibration range.
J indicates an estimated value. M indicates duplicate injection precision not met. N indicates spiked sample recovery not within control limits.
P indicates greater than 25% difference between the two GC columns, and the lower of the two values is reported.
Q indicates quality control outside of acceptable limits.
S indicates the reported value was determined by the Method of Standard Additions.
Results enclosed in parenthesis are dissolved metals.
The qualifier in parentheses is the data validator's qualifier (J = estimated value, UJ = analyte was not detected and the value is considered estimated, < = the result is considered not detected due to blank contamination and the detection level has been elevated to the amount detected in the sample, NJ = detection is tentative in identification and estimated in value, R = rejected, J+ = analyte was positively identified and the associated numerical value is an estimated quantity that may be biased high).

APPENDIX A

ENVIRONMENTAL SERVICES FIELD LOGS, GROUNDWATER SERVICES FIELD LOGS, EXPLOSIVE GAS SAMPLING FORM, SITE WIDE INSPECTION FORM AND PHOTOGRAPHS, MAINTENANCE INSPECTION FORM AND FIELD SKETCHES

C.T. MALE ASSOCIATES

Environmental Services Field Log

Date: 9/25/17 Time On-Site: 0715 Time Off-Site: 1600

Project Name: Glens Falls Municipal LF Project No.: 12.2134

Purpose: Groundwater Sampling Field Report No:

Weather Conditions: 89°F, Partly Cloudy, wind NE @ 4 mph

Present at Site: JC, NC

Observations:

Arrive on site. Calibrate field parameters equipment. Purge & sample wells using following procedure: Place poly on ground around well. Wearing new gloves open well, use deconed water level meter to check static water level. Use new disposable bailer & new string to purge 3 well volumes into 5 gallon bucket, notting color, odor and sheen (if any). Measure field parameter at start of purging. After purging, place bailer in original sleeve & wait for well to recover. Check recovery height with deconed WL meter then use bailer (or tubing) from purging to collect sample for field parameters, then fill sample containers in order of decreasing volatility (metals first), cap & close well. Samples placed in cooler w/ bagged ice. All VOC's kept in same cooler w/ transport blank.

MS/MSD collected at MW-101-6I.

FDEW01 collected at MW-101-7I

Offsite. Gate is locked.

Items to Verify:

List of Attachments: GW logs, COC's

Field Log Prepared by: NC

Copies to:

GROUNDWATER SERVICES FIELD LOG FORM

General Information

Project#: 12.2134 Date: 9/25/17 Well#: MW-101-1(R)

Project: Glens Falls Municipal Landfill at Luzerne Road

Location: Glens Falls, NY Sampler(s): JC

Well Information

Static Water Level: 24.75 BTOC Measuring Point: Top of PVC

Total Depth of Well: 30.37 BTOC Well Casing Diameter: 2"

Purge Method: (Bailer) Conversion Factors (Linear feet to Gallons)

(Circle One) Wattera (2" = 0.16 Gallons)

Other: 3" = 0.38 Gallons

4" = 0.66 Gallons

Well Volume: 0.9 Gallons Volumes Purged: 2.75 Gallons

Time Started: 1355 Time Completed: 1405

Recovery Height: 24.75 Recovery Time: 55 Minutes

% Recovery: 100%

Field Parameters

	Initial Evacuation (1st Bailer)		Initial Evacuation Just Before Sampling	
Temperature:	17.0	°C	17.6	°C
pH:	6.9	SU	6.5	SU
Conductivity:	4.17	~~µs~~ ms	NC ~~3.0~~ 3.00	~~µs~~ ms
Eh	-8	mV	-117	mV
Turbidity:	115	NTU	108.2	NTU

Groundwater Appearance: Reddish brown, some particulates, no odor, no sheen

Sample Collection Time: 1500

Notes

Samples collected for Part 360 Baseline Parameters

Filled dissolved metals bottle

GROUNDWATER SERVICES FIELD LOG FORM

General Information

Project#: 12.2134 Date: 9/25/17 Well#: ~~MW-10NC~~ MW-25

Project: Glens Falls Municipal Landfill at Luzerne Road

Location: Glens Falls, NY Sampler(s): JC

Well Information

Static Water Level: 18.72 BTOC Measuring Point: Top of PVC

Total Depth of Well: 27.44 BTOC Well Casing Diameter: 2"

Purge Method: (Bailer) Wattera Other: _____ (Circle One)

Conversion Factors (Linear feet to Gallons)

(2" = 0.16 Gallons)

3" = 0.38 Gallons

4" = 0.66 Gallons

Well Volume: 1.4 Gallons Volumes Purged: 4.25 Gallons

Time Started: 0940 Time Completed: 0950

Recovery Height: 18.71 Recovery Time: 190 Minutes

% Recovery: 100%

Field Parameters

	Initial Evacuation (1st Bailer)		Initial Evacuation Just Before Sampling	
Temperature:	15.1	°C	15.2	°C
pH:	7.2	SU	6.7	SU
Conductivity:	733	µs	736	µs
Eh	-114	mV	-144	mV
Turbidity:	9.76	NTU	25.6	NTU

Groundwater Appearance: clear to cloudy, no odor, no sheen.

Sample Collection Time: 1300

Notes

Samples collected for Part 360 Baseline Parameters

GROUNDWATER SERVICES FIELD LOG FORM

General Information

Project#: 12.2134 Date: 9/25/17 Well#: MW-101-3

Project: Glens Falls Municipal Landfill at Luzerne Road

Location: Glens Falls, NY Sampler(s): JC

Well Information

Static Water Level: 19.35 BTOC Measuring Point: Top of PVC

Total Depth of Well: 25.00 BTOC Well Casing Diameter: 2"

Purge Method: (Bailer) Conversion Factors (Linear feet to Gallons)

(Circle One) Wattera (2" = 0.16 Gallons)

Other: 3" = 0.38 Gallons

4" = 0.66 Gallons

Well Volume: .90 Gallons Volumes Purged: 2.75 Gallons

Time Started: 1530 Time Completed: 1550

Recovery Height: 19.37 Recovery Time: 10 Minutes

% Recovery: 100

Field Parameters

	Initial Evacuation (1st Bailer)		Initial Evacuation Just Before Sampling	
Temperature:	16.7	°C	12.9	°C
pH:	6.3	SU	6.3	SU
Conductivity:	1284	µs	2.19	~~µs~~ ms
Eh	600	mV	76	mV
Turbidity:	3.51	NTU	20.4	NTU

Groundwater Appearance: clear, no odor, no sheen

Sample Collection Time: 1550

Notes

Samples collected for Part 360 Baseline Parameters

GROUNDWATER SERVICES FIELD LOG FORM

General Information

Project#: 12.2134 Date: 9/25/17 Well#: MW-101-4

Project: Glens Falls Municipal Landfill at Luzerne Road

Location: Glens Falls, NY Sampler(s): JC

Well Information

Static Water Level: 8.01 BTOC Measuring Point: Top of PVC

Total Depth of Well: 14.90 BTOC Well Casing Diameter: 2"

Purge Method: Bailer Conversion Factors (Linear feet to Gallons)

(Circle One) Wattera 2" = 0.16 Gallons

Other: Peristaltic 3" = 0.38 Gallons

4" = 0.66 Gallons

Well Volume: 1.2 Gallons Volumes Purged: 3.75 Gallons

Time Started: 0905 Time Completed: 0930

Recovery Height: 8.01 Recovery Time: 165 Minutes

% Recovery: 100%

Field Parameters

	Initial Evacuation (1st Bailer)		Initial Evacuation Just Before Sampling	
Temperature:	17.6	°C	18.6	°C
pH:	7.1	SU	6.8	SU
Conductivity:	580	µs	538	µs
Eh	-114	mV	-127	mV
Turbidity:	19.8	NTU	6.23	NTU

Groundwater Appearance: clear, no odor, no sheen

Sample Collection Time: 1215

Notes

Samples collected for Part 360 Baseline Parameters

GROUNDWATER SERVICES FIELD LOG FORM

General Information

Project#: 12.2134 Date: 9/25/17 Well#: MW-101-S

Project: Glens Falls Municipal Landfill at Luzerne Road

Location: Glens Falls, NY Sampler(s): JC

Well Information

Static Water Level: 20.40 BTOC Measuring Point: Top of PVC

Total Depth of Well: 25.98 BTOC Well Casing Diameter: 2"

Purge Method: (Circle One) Bailer / Wattera / Other: _____

Conversion Factors (Linear feet to Gallons)

2" = 0.16 Gallons

3" = 0.38 Gallons

4" = 0.66 Gallons

Well Volume: 0.90 Gallons Volumes Purged: 3 Gallons

Time Started: 0920 Time Completed: 0930

Recovery Height: 20.39 Recovery Time: 180 Minutes

% Recovery: 100

Field Parameters

	Initial Evacuation (1st Bailer)		Initial Evacuation Just Before Sampling	
Temperature:	15.6	°C	15.9	°C
pH:	6.6	SU	6.7	SU
Conductivity:	1069	µs	1064	µs
Eh	-87	mV	-123	mV
Turbidity:	5.28	NTU	2.34	NTU

Groundwater Appearance: clear, no odor, no sheen.

Sample Collection Time: 1230

Notes

Samples collected for Part 360 Baseline Parameters

GROUNDWATER SERVICES FIELD LOG FORM

General Information

Project#: 12.2134 Date: 9/25/17 Well#: ~~BS~~ MW-101-BS

Project: Glens Falls Municipal Landfill at Luzerne Road

Location: Glens Falls, NY Sampler(s): JC

Well Information

Static Water Level: 19.74 BTOC Measuring Point: Top of PVC

Total Depth of Well: 27.44 BTOC Well Casing Diameter: 2"

Purge Method: (Bailer) (Circle One) Wattera Other: _____

Conversion Factors (Linear feet to Gallons)

(2" = 0.16 Gallons)

3" = 0.38 Gallons

4" = 0.66 Gallons

Well Volume: 1.3 Gallons Volumes Purged: 4 Gallons

Time Started: 0735 Time Completed: 0745

Recovery Height: 19.75 Recovery Time: 135 Minutes

% Recovery: 100%

Field Parameters

	Initial Evacuation (1st Bailer)		Initial Evacuation Just Before Sampling	
Temperature:	13.8	°C	16.8	°C
pH:	7.3	SU	6.6	SU
Conductivity:	330	µs	254	µs
Eh	-61	mV	-21	mV
Turbidity:	0.83	NTU	4.25	NTU

Groundwater Appearance: clear to cloudy, no odor, no sheen.

Sample Collection Time: 10:00

Notes

Samples collected for Part 360 Baseline Parameters

GROUNDWATER SERVICES FIELD LOG FORM

General Information

Project#: 12.2134 Date: 9/25/17 Well#: MW-101-6I

Project: Glens Falls Municipal Landfill at Luzerne Road

Location: Glens Falls, NY Sampler(s): JC

Well Information

Static Water Level: 19.56 BTOC Measuring Point: Top of PVC

Total Depth of Well: 53.54 BTOC Well Casing Diameter: 2"

Purge Method: (Bailer) Conversion Factors (Linear feet to Gallons)

(Circle One) Wattera (2" = 0.16 Gallons)

Other: 3" = 0.38 Gallons

4" = 0.66 Gallons

Well Volume: 5.5 Gallons Volumes Purged: 16.5 Gallons

Time Started: 0745 Time Completed: 0810

Recovery Height: 19.55 Recovery Time: 125 Minutes

% Recovery: 100%

Field Parameters

	Initial Evacuation (1st Bailer)		Initial Evacuation Just Before Sampling	
Temperature:	12.3	°C	17.1	°C
pH:	7.7	SU	7.7	SU
Conductivity:	176	µs	197	µs
Eh	-36	mV	-46	mV
Turbidity:	1.02	NTU	2.41	NTU

Groundwater Appearance: clear, no sheen, no odor

Sample Collection Time: 10:15

Notes

Samples collected for Part 360 Baseline Parameters

MS/MSD collected

GROUNDWATER SERVICES FIELD LOG FORM

General Information

Project#: 12.2134 Date: 9/25/17 Well#: MW-101-75

Project: Glens Falls Municipal Landfill at Luzerne Road

Location: Glens Falls, NY Sampler(s): JC

Well Information

Static Water Level: 13.86 BTOC Measuring Point: Top of PVC

Total Depth of Well: 20.20 BTOC Well Casing Diameter: 2"

Purge Method: (Bailer) Conversion Factors (Linear feet to Gallons)

(Circle One) Wattera (2" = 0.16 Gallons)

Other: 3" = 0.38 Gallons

4" = 0.66 Gallons

Well Volume: 1.01 Gallons Volumes Purged: 3.5 Gallons

Time Started: 0830 Time Completed: 0845

Recovery Height: 13.85 Recovery Time: 150 Minutes

% Recovery: 100%

Field Parameters

	Initial Evacuation (1st Bailer)		Initial Evacuation Just Before Sampling	
Temperature:	13.9	°C	16.3	°C
pH:	6.9	SU	6.8	SU
Conductivity:	1080	µs	1013	µs
Eh	-124	mV	-130	mV
Turbidity:	1.14	NTU	2.14	NTU

Groundwater Appearance: clear, no sheen, sulfur odor

Sample Collection Time: 1115

Notes

Samples collected for Part 360 Baseline Parameters

GROUNDWATER SERVICES FIELD LOG FORM

General Information

Project#: 12.2134 Date: 9/25/17 Well#: MW-101-7I

Project: Glens Falls Municipal Landfill at Luzerne Road

Location: Glens Falls, NY Sampler(s): JC

Well Information

Static Water Level: 12.59 BTOC Measuring Point: Top of PVC

Total Depth of Well: 45.20 BTOC Well Casing Diameter: 2"

Purge Method: (Bailer) Wattera Other: _____

(Circle One)

Conversion Factors (Linear feet to Gallons)

(2" = 0.16 Gallons)

3" = 0.38 Gallons

4" = 0.66 Gallons

Well Volume: 5.3 Gallons Volumes Purged: 16 Gallons

Time Started: 0830 Time Completed: 0900

Recovery Height: 12.59 Recovery Time: 160 Minutes

% Recovery: 100%

Field Parameters

	Initial Evacuation (1st Bailer)		Initial Evacuation Just Before Sampling	
Temperature:	13.9	°C	15.2	°C
pH:	7.1	SU	7.3	SU
Conductivity:	644	µs	597	µs
Eh	-91	mV	-87	mV
Turbidity:	32.5	NTU	7.05	NTU

Groundwater Appearance: clear, no odor, no sheen

Sample Collection Time: 1140

Notes

Samples collected for Part 360 Baseline Parameters

Field Duplicate here

GROUNDWATER SERVICES FIELD LOG FORM

General Information

Project#: 12.2134 Date: 9/25/17 Well#: MW-101-85(R)

Project: Glens Falls Municipal Landfill at Luzerne Road

Location: Glens Falls, NY Sampler(s): JC

Well Information

Static Water Level: 20.40 BTOC Measuring Point: Top of PVC

Total Depth of Well: 27.91 BTOC Well Casing Diameter: 2"

Purge Method: (Bailer) Wattera Other: _____ Conversion Factors (Linear feet to Gallons): (2" = 0.16 Gallons) 3" = 0.38 Gallons 4" = 0.66 Gallons

Well Volume: 1.2 Gallons Volumes Purged: 3.75 Gallons

Time Started: 1330 Time Completed: 1345

Recovery Height: 20.41 Recovery Time: 60 Minutes

% Recovery: 100%

Field Parameters

	Initial Evacuation (1st Bailer)			Initial Evacuation Just Before Sampling	
	NC				
Temperature:	~~17.2~~	15.0	°C	15.8	°C
pH:	~~7.1~~	7.1	SU	7.6	SU
Conductivity:	~~525~~	322	µs	355	µs
Eh	~~-163~~	-40	mV	8	mV
Turbidity:	~~8.9~~	1.09	NTU	4.08	NTU

Groundwater Appearance: Clear to cloudy, no odor, no sheen.

Sample Collection Time: 1445

Notes

Samples collected for Part 360 Baseline Parameters

GROUNDWATER SERVICES FIELD LOG FORM

General Information

Project#: 12.2134 Date: 9/25/17 Well#: MW-101-BI (R)

Project: Glens Falls Municipal Landfill at Luzerne Road

Location: Glens Falls, NY Sampler(s): JC

Well Information

Static Water Level: 20.04 BTOC Measuring Point: Top of PVC

Total Depth of Well: 50.67 BTOC Well Casing Diameter: 2"

Purge Method: (Bailer) Conversion Factors (Linear feet to Gallons)

(Circle One) Wattera 2" = 0.16 Gallons

Other: 3" = 0.38 Gallons

4" = 0.66 Gallons

Well Volume: 4.9 Gallons Volumes Purged: 15 Gallons

Time Started: 1315 Time Completed: 1350

Recovery Height: 20.05 Recovery Time: 40 Minutes

% Recovery: 100

Field Parameters

	Initial Evacuation (1st Bailer)		Initial Evacuation Just Before Sampling	
Temperature:	17.2	°C	15.5	°C
pH:	7.1	SU	6.6	SU
Conductivity:	525	µs	551	µs
Eh	-63	mV	-70	mV
Turbidity:	8.91	NTU	8.84	NTU

Groundwater Appearance: clear, no odor, no sheen

Sample Collection Time: 1430

Notes

Samples collected for Part 360 Baseline Parameters

GROUNDWATER SERVICES FIELD LOG FORM

General Information

Project#: 12.2134 Date: 9/25/17 Well#: MW-101-105(R)

Project: Glens Falls Municipal Landfill at Luzerne Road

Location: Glens Falls, NY Sampler(s): JC

Well Information

Static Water Level: 8.40 BTOC Measuring Point: Top of PVC

Total Depth of Well: 17.85 BTOC Well Casing Diameter: 2"

Purge Method: (Bailer) Wattera Other: _____

(Circle One)

Conversion Factors (Linear feet to Gallons)

2" = 0.16 Gallons

3" = 0.38 Gallons

4" = 0.66 Gallons

Well Volume: 1.5 Gallons Volumes Purged: 4.5 Gallons

Time Started: 1415 Time Completed: 1425

Recovery Height: 8.40 Recovery Time: 55 Minutes

% Recovery: 100%

Field Parameters

	Initial Evacuation (1st Bailer)		Initial Evacuation Just Before Sampling	
Temperature:	17.1	°C	17.0	°C
pH:	6.8	SU	7.0	SU
Conductivity:	1199	µs	1093	µs
Eh	-166	mV	-165	mV
Turbidity:	9.18	NTU	23.2	NTU

Groundwater Appearance: Clear to cloudy, no odor, no sheen

Sample Collection Time: 1520

Notes

Samples collected for Part 360 Baseline Parameters

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

Client Information	Sampler:	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-101733-24182.1
Client Contact: Mr. Dan Achtyl	Phone:	E-Mail: melissa.deyo@testamericainc.com		Page: Page 1 of 2
Company: CT Male Associates PC				Job #:
Address: 50 Century Hill Dr	Due Date Requested:			
City: Latham	TAT Requested (days): Normal			
State, Zip: NY, 12110				
Phone: 518-786-7548(Tel)	PO #: Purchase Order not required			
Email: d.achtyl@ctmale.com	WO #:			
Project Name: Glens Falls Landfill Monitoring	Project #: 48014306			
Site: New York	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)	310.2 - Alkalinity	350.1, 351.2, 410.4	2340C - Hardness, Total	2540C_Calcd - Solids, Total Dissolved (TDS)	6010C, 7470A	7196A - Chromium, Hexavalent	2120B, 353.2, 353.2_Nitrite, Nitrate_Calc	5210B - BOD, 5-Day	9060A - Organic Carbon, Total (TOC)	8260C - NY Part 360 Baseline Volatiles	9012B - Cyanide	9065 - Total Recoverable Phenolics	9056A_28D - Chloride, Bromide, Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	S	D	N	D	N	N	N	A	A	B	S	N		
MW-101-1(R) *	9-25-17	1500	G	Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Part 360 Baseline
MW-101-3		1530		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Parameters (w/ 1,4-Dioxane)
MW-101-4		1215		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW-101-5		1230		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW-101-6S		1000		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW-101-6I		1015		Water		Y	X	X	X	X	X	X	X	X	X	X	X	X	X		MS/MSD Here
MW-101-7S		1115		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW-101-7I		1140		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		* Filter and Pres
MW-101-8S(R)		1445		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Poly bottle for
MW-101-8I(R)		1430		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		dissolved metals
MW-101-10S(R)	↓	1520	↓	Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		for MW-101-1(R) ↓

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) ASP Cat B data Package

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]	9-25-17 / 1700	CT Male	[signature]	9/25/17 1700	TA
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:

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

Client Information	Sampler:	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-101733-24182.2
Client Contact: Mr. Dan Achtyl	Phone:	E-Mail: melissa.deyo@testamericainc.com		Page: Page 2 of 2
Company: CT Male Associates PC				Job #:
Address: 50 Century Hill Dr	Due Date Requested:			
City: Latham	TAT Requested (days):			
State, Zip: NY, 12110				
Phone: 518-786-7548(Tel)	PO #: Purchase Order not required			
Email: d.achtyl@ctmale.com	WO #:			
Project Name: Glens Falls Landfill Monitoring	Project #: 48014306			
Site: New York	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)	310.2 - Alkalinity	350.1, 351.2, 410.4	2340C - Hardness, Total	2540C_Calcd - Solids, Total Dissolved (TDS)	6010C, 7470A	7196A - Chromium, Hexavalent	2120B, 353.2, 353.2_Nitrite, Nitrate_Calc	5210B - BOD, 5-Day	9060A - Organic Carbon, Total (TOC)	8260C - NY Part 360 Baseline Volatiles	9012B - Cyanide	9065 - Total Recoverable Phenolics	9056A_28D - Chloride, Bromide, Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	S	D	N	D	N	N	N	A	A	B	S	N		
MW-2S	9-25-17	1350	G	Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Part 360 Baseline
FDGW01	9-25-17	—	G	Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Parameter (10/3/93) list
Transport Blank	—	—	G	Water												X					
				Water																	
				Water																	
				Water																	

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) ASP Cat B Water Perm 998

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	[signature]	9-25-17/1700	CT Male	[signature]	9/25/17 1700	TA
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	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:

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

Client Information	Sampler: JC, NC	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-101733-24182.1
Client Contact: Mr. Dan Achtyl	Phone: 518 786 7400	E-Mail: melissa.deyo@testamericainc.com		Page: Page 1 of 2
Company: CT Male Associates PC				Job #:
Address: 50 Century Hill Dr	Due Date Requested:			
City: Latham	TAT Requested (days): Normal			
State, Zip: NY, 12110				
Phone: 518-786-7548(Tel)	PO #: Purchase Order not required			
Email: d.achtyl@ctmale.com	WO #:			
Project Name: Glens Falls Landfill Monitoring	Project #: 48014306			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Ac, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, Other:

480-124782 COC

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)	310.2 - Alkalinity	350.1, 351.2, 410.4	2340C - Hardness, Total	2540C_Calcd - Solids, Total Dissolved (TDS)	6010C, 7470A	7196A - Chromium, Hexavalent	21200, 353.2, 353.2_Nitrite, Nitrate_Calc	5210B - BOD, 5-Day	9060A - Organic Carbon, Total (TOC)	8260C - NY Part 360 Baseline Volatiles	9012B - Cyanide	9065 - Total Recoverable Phenolics	9056A_28D - Chloride, Bromide, Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	S	D	N	D	N	N	N	A	A	B	S	N		
MW-101-1(R) *	9-25-17	1500	G	Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Part 360 Baseline
MW-101-3		1550		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Parameters (10/9/93 List)
MW-101-4		1215		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW-101-5		1230		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW-101-6S		1000		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW-101-6I		1015		Water		X	X	X	X	X	X	X	X	X	X	X	X	X	X		MS/MSD Here
MW-101-7S		1115		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW-101-7I		1140		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		* Filter and fix
MW-101-8S(R)		1445		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		extra bottle for
MW-101-8I(R)		1430		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		dissolved metals
MW-101-10S(R)	↓	1520	↓	Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		for MW-101-1(R) ↓

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) ASP Cat B data Package

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		9-25-17 / 17:00	CT Male		9/25/17 1700	TA
2		9/25/17 1800	TA		9/26/17 0945	
3		Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks:

21, 24, 3.0, 2.9, 2.8 #1

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

Client Information	Sampler: JC, NC	Lab PM: Deyo, Melissa L.	Carrier Tracking No(s):	COC No: 480-101733-24182.2
Client Contact: Mr. Dan Achtyl	Phone: 518 786 7400	E-Mail: melissa.deyo@testamericainc.com		Page: Page 2 of 2
Company: CT Male Associates PC				Job #:

Address: 50 Century Hill Dr	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Latham	TAT Requested (days): Normal		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, 12110			
Phone: 518-786-7548(Tel)	PO #: Purchase Order not required		
Email: d.achtyl@ctmale.com	WO #:		Other:
Project Name: Glens Falls Landfill Monitoring	Project #: 48014306		
Site: New York	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)	310.2 - Alkalinity	350.1, 351.2, 410.4	2340C - Hardness, Total	2540C_Calcd - Solids, Total Dissolved (TDS)	6010C, 7470A	7196A - Chromium, Hexavalent	2120B, 353.2, 353.2_Nitrite, Nitrate_Calc	5210B - BOD, 5-Day	9060A - Organic Carbon, Total (TOC)	8260C - NY Part 360 Baseline Volatiles	9012B - Cyanide	9065 - Total Recoverable Phenolics	9056A_28D - Chloride, Bromide, Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	S	D	N	D	N	N	N	A	A	B	S	N		
MW-2S	9-25-17	1300	G	Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Part 360 Baseline
FDGW01	9-25-17	—	G	Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Parameter (10/9/93) list.
(D) Transport Blank	—	—	G	Water												X					
				Water																	
				Water																	
				Water																	

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

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

Relinquished by:	Date/Time: 9-25-17/17:00	Company: C Male	Received by:	Date/Time: 9/25/17 1700	Company: TA
Relinquished by:	Date/Time: 9/25/17 1800	Company: TA	Received by:	Date/Time: 9/26/17 0900	Company:
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:

7.1 7.4, 3.0, 2.9, 2.8 6.1

C.T. MALE ASSOCIATES

Environmental Services Field Log

Date: 9-26-2017 Time On-Site: 07:30 Time Off-Site: 11:45

Project Name: Glens Falls Municipal LF at Luzerne Rd. Project No.: 12.2134

Purpose: Explosive Gas Monitoring, Landfill Inspection Field Report No:

Weather Conditions: 88°F, 40% cloud cover, 30.00 in Hg, wind 2 mph SSE

Present at Site: Justin Campbell

Observations:

Calibrated explosive gas meter upon arrival to site. Conducted explosive gas monitoring using slam bar to penetrate ground 2 feet. Inserted plastic tube 1.5 feet into hole created by slam bar. Sealed top of hole around plastic tube using surrounding soil. Attached 4-Gas Meter, allow to pump for 2 minutes to ensure sample derived from subsurface. Record reading and remove tube. Also collect readings from monitoring wells and catch basins, landfill perimeter breathing zone, and transfer station. See explosive gas forms.

Inspected landfill observing for animal burrows, areas of sparse vegetation, ponding, leachate seeps, depressions, erosion, and any other damage. Checked condition of gas vents and monitoring wells.

Observed two (2) animal burrows in the northeast retention basin and one (1) animal burrow on the east slope of the landfill cap. Areas of sparse vegetation observed in the northeast retention pond, southwest retention pond, and one (1) area on top of the landfill. Sediment accumulation of approximately 3 inches observed at CB-3 outlet and sediment in the culvert pipe. Landfill and retention ponds were recently mowed with vegetation approximately 8 inches tall.

Items to Verify:

List of Attachments: Explosive Gas Forms, sketch map, site wide inspection form, Maintenance inspection form

Field Log Prepared by: Justin Campbell

Copies to: Dan Achtyl, John Mursey

LANDFILL POST CLOSURE MONITORING AND MAINTENANCE
EXPLOSIVE GAS SAMPLING FORM

Proj. No. 12.2134 Date: 09-26-2017 Pg. 1 of 4
Project: Glens Falls Municipal Landfill at Luzerne Road
Weather/Temperature: 40% cloud cover / 88°F
Barometric Pressure/Wind: 30.00 in Hg / 2 mph SSE
Time: 07:30 Sampling Personnel: Justin Campbell
Equipment Used: GRAE II
Date Calibrated: 09-26-2017 By: Justin Campbell

Sample ID	Location	Depth	% O2	% LEL	Hydrogen Sulfide
EG-1		1.5'	20.9	0	0
EG-2			20.9	0	0
EG-3			19.8	0	0
EG-4			20.1	0	0
EG-5			19.7	0	0
EG-6			19.2	0	0
EG-7			19.8	0	0
EG-8			20.0	0	0
EG-9			20.9	0	0
EG-10			20.2	0	0
EG-11			19.8	0	0
EG-12			18.4	0	0
EG-13			19.1	0	0
EG-14			14.6	0	0
EG-15			19.7	0	0
EG-16			19.1	0	0
EG-17			19.1	0	0
EG-18		↓	19.1	0	0

LANDFILL POST CLOSURE MONITORING AND MAINTENANCE
EXPLOSIVE GAS SAMPLING FORM

Proj. No. 12.2134 Date: 09-26-2017 Pg. 2 of 4

Project: Glens Falls Municipal Landfill at Luzerne Road

Weather/Temperature: 40% cloud cover / 88°F

Barometric Pressure/Wind: 30.00 in Hg / 2 mph SSE

Time: 07:30 Sampling Personnel: Justin Campbell

Equipment Used: QRAE II

Date Calibrated: 09-26-2017 By: Justin Campbell

Sample ID	Location	Depth	% O2	% LEL	Hydrogen Sulfide
EG-19		1.5'	19.9	0	0
EG-20		↓	20.0	0	0
EG-21			20.0	0	0
EG-22			19.7	0	0
EG-23			20.1	0	0
EG-24			20.0	0	0
EG-25			20.1	0	0
EG-26			19.8	0	0
EG-27			20.3	0	0
EG-28			20.5	0	0
EG-29			20.5	0	0
EG-30			20.4	0	0
EG-31			18.9	0	0
EG-32			19.2	0	0
EG-33			19.3	0	0
EG-34			19.2	0	0
EG-35			19.8	0	0
EG-36		↓	20.4	0	0

LANDFILL POST CLOSURE MONITORING AND MAINTENANCE
EXPLOSIVE GAS SAMPLING FORM

Proj. No. 12.2134 Date: 09-26-2017 Pg. 3 of 4

Project: Glens Falls Municipal Landfill at Luzerne Road

Weather/Temperature: 40% cloud cover / 88°F

Barometric Pressure/Wind: 30.00 in Hg / 2 mph SSE

Time: 07:30 Sampling Personnel: Justin Campbell

Equipment Used: GRAE II

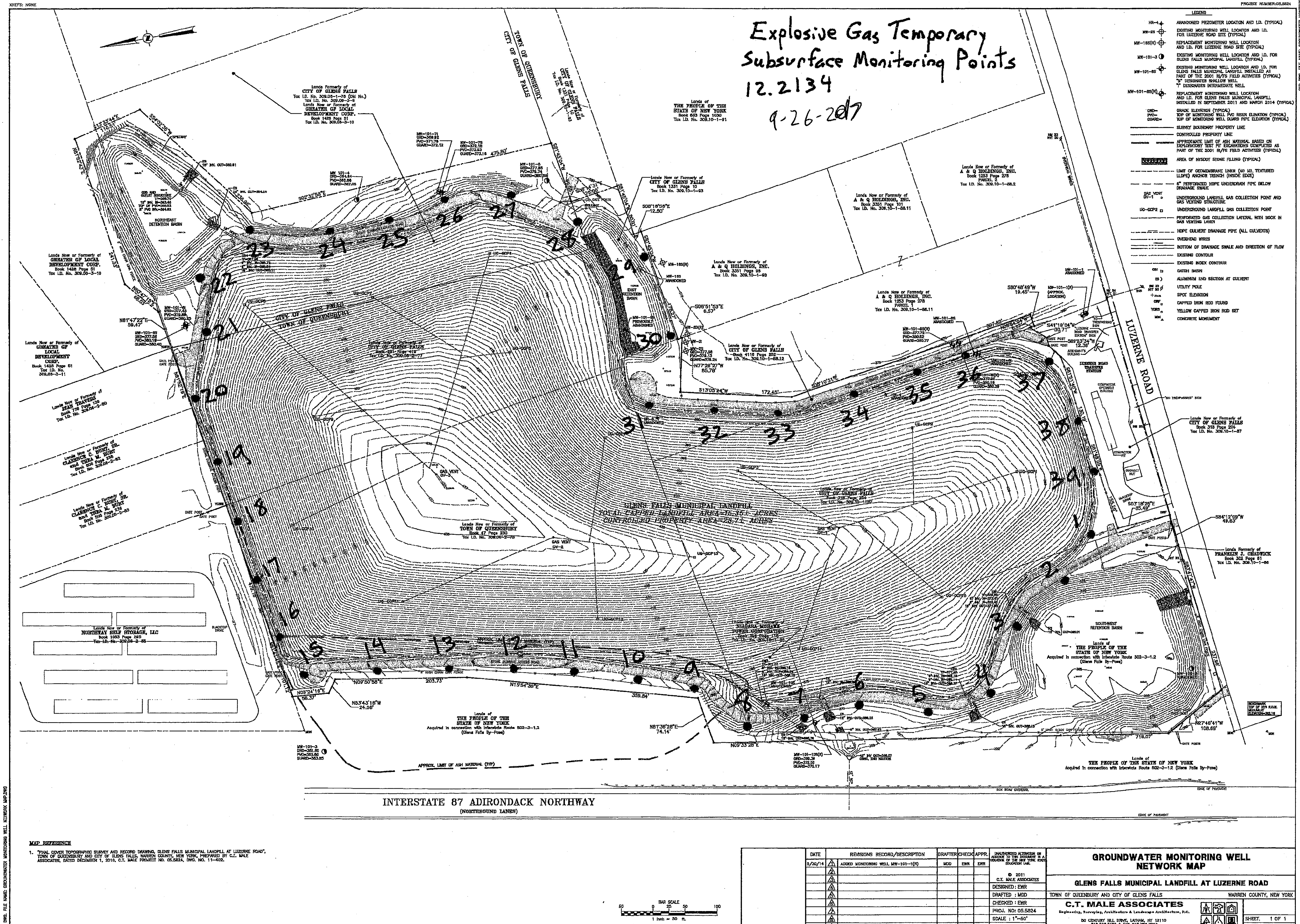
Date Calibrated: 09-26-2017 By: Justin Campbell

Sample ID	Location	Depth	% O2	% LEL	Hydrogen Sulfide
EG-37		1.5'	20.3	0	0
EG-38		↓	19.8	0	0
EG-39		↓	19.4	0	0
MW-101-1(R)		TPVC	20.9	0	0
MW-101-3		↓	20.9	0	0
MW-101-4		↓	20.9	0	0
MW-101-5		↓	20.9	0	0
MW-101-6I		↓	20.9	0	0
MW-101-6S		↓	20.9	0	0
MW-101-7I		↓	20.9	0	0
MW-101-7S		↓	20.9	0	0
MW-101-8I(R)		↓	20.9	0	0
MW-101-8S(R)		↓	20.9	0	0
MW-101-10S(R)		↓	20.9	0	0
MW-25		↓	20.9	0	0
CB-1		Grate	20.9	0	0
CB-2		↓	20.9	0	0
CB-3		↓	20.9	0	0

LANDFILL POST CLOSURE MONITORING AND MAINTENANCE
EXPLOSIVE GAS SAMPLING FORM

Proj. No. 12.2134 Date: 09-26-2017 Pg. 4 of 4
Project: Glens Falls Municipal Landfill at Luzerne Road
Weather/Temperature: 40% cloud cover / 88°F
Barometric Pressure/Wind: 30.00 in Hg / 2 mph, SSE
Time: 07:30 Sampling Personnel: Justin Campbell
Equipment Used: QRAE II
Date Calibrated: 09-26-2017 By: Justin Campbell

Sample ID	Location	Depth	% O2	% LEL	Hydrogen Sulfide
CB-4		Grate	20.9	0	0
CB-5		↓	20.9	0	0
Perimeter		Breathing Zone	20.9	0	0
Scale House			20.9	0	0
Garage			20.9	0	0
Recycling		↓	20.9	0	0



Explosive Gas Temporary
Subsurface Monitoring Points
12.2134
9-26-2017
GLENS FALLS MUNICIPAL LANDFILL
LUZERNE ROAD
INTERSTATE 87 ADIRONDACK NORTHWAY
(NORTHBOUND LANES)
CITY OF GLENS FALLS
TOWN OF QUEENSBURY
LEGEND
MAP REFERENCE
GROUNDWATER MONITORING WELL NETWORK MAP
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD
TOWN OF QUEENSBURY AND CITY OF GLENS FALLS
WARREN COUNTY, NEW YORK
C.T. MALE ASSOCIATES
PROJ. NO: 05.5824
SCALE : 1"=50'
DATE : NOV. 1, 2011
DWG. NO: 11-0499

SITE WIDE INSPECTION FORM
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD SITE
SITE MANAGEMENT PLAN (SMP)

Date: 09-26-2017

Inspection Personnel: Justin Campbell

Weather Conditions: 40% cloud cover, 88°F

Site related contaminants included select volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), metals and leachate indicator parameters (applies to groundwater only) in various media at the site, including subsurface soil and groundwater.

The site has been remediated including covering areas that contain landfill waste with a 6NYCRR Part 360 modified low permeability cover system/cap.

This SMP Site Wide Inspection Form will be utilized to inspect the site to ensure that current site conditions remain protective to public health and the environment from underlying contamination.

Attachments to this Inspection Form include a Site Plan.

Existing Conditions Inspection

Has the overall condition of the site changed from the previous inspection (if first inspection, respond with N/A)? Yes____ No X

If Yes, provide details and identify on Site Plan.

Is there evidence of human access to the site (i.e. walking paths, ATV trails, etc.)? Yes____ No X

If Yes, provide details and identify on Site Plan.

Is there evidence of site development? Yes____ No X

If Yes, provide details and identify on Site Plan.

Have photographs been taken of the site for inclusion in the site inspection report? Yes X No___

If No, give reason.

Cover System Inspection

Has the overall condition of the cover system changed from the previous inspection (if first inspection, respond with N/A)? Yes___ No X

If Yes, provide detail and identify on Site Plan.

Is soil cover system adequately vegetated to prevent erosion? Yes X No___

If No, identify locations and provide detail on Site Plan.

Does the vegetative cover have sparse areas or areas in need of reseeding? Yes X No___

Is woody growth present within the vegetative cover? Yes___ No X

If Yes, identify locations and provide detail on Site Plan.

Is there evidence that the cover system has been eroded by wind and/or water? Yes___ No X

If Yes, identify locations and provide detail on Site Plan.

Is there evidence that the soil cover system has been breached (i.e., areas where surface appears patched, signs of excavation)? Yes___ No X

If Yes, identify locations and provide detail on Site Plan.

Are burrows or tunnels created by animals present? Yes X No___

If Yes, identify locations and provide detail on Site Plan.

Are any ponded areas or depressions present within the cover system? Yes____ No X

If Yes, identify locations and provide detail on Site Plan.

Are any leachate seeps present? Yes____ No X

If Yes, identify locations and provide detail on Site Plan.

Are there any other areas of notable damage to the cover system? Yes____ No X

If Yes, identify locations and provide detail on Site Plan.

Have photographs been taken of the cover system for inclusion in the site inspection report? Yes X No___

If No, give reason.

Inspection of Structures

1. Monitoring Wells

Well Number	Condition (Guard Pipes, Locks, Riser, Etc.) and Recommendation
MW-101-1	Good
MW-101-3	↓
MW-101-4	↓
MW-101-5	↓
MW-101-6S	↓
MW-101-6I	↓
MW-101-7S	↓
MW-101-7I	↓

SITE WIDE INSPECTION FORM
GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD SITE
SITE MANAGEMENT PLAN (SMP)

MW-101-8S(R)	Good
MW-101-8I(R)	↓
MW-101-10S(R)	↓
MW-2S	↓

2. Gas Venting Structures in Need of Repair

Vent Number	Condition and Recommendation
GV-1	Good, Stable, insect screen intact
GV-2	↓
GV-3	↓

General Comments:

Land fill in good condition. Well established vegetation approximately 8" tall.

One animal burrow observed in landfill cover system shown in map.

MAINTENANCE INSPECTION FORM
Stormwater Management System
Glens Falls Municipal Landfill at Luzerne Road

Stormwater Facility Component	Inspection Requirement	Frequency of Inspection	O&M Manual Section No.	Inspection Comments	Maintenance Required	Maintenance Needed? (Y/N)	Maintenance Comments / Date of Maintenance
Catch Basins	Stick Measure for Sediment Depth	*Bi-Annual and After Major Storm Events	3.2	No trash noted, NO sediment noted	Remove Any Sediment That Accumulates Within the Bottom of the Catch Basin	N	
	Visual Inspection for Trash	*Bi-Annual and After Major Storm Events	3.2	No trash noted	Remove Trash as Needed	N	
End Sections	Visual Inspection of Stone Aprons for Trash and Sediment	*Bi-Annual and After Major Storm Events	3.3	End section from CB-3 has large amount of sand	Remove Trash and Sediment as Needed	Y	Remove Sand
Storm Sewers/Drainage Culverts	Visual Inspection for Obstructions, Debris and Floatables	*Bi-Annual and After Major Storm Events	3.4	Culvert from CB-3 partially filled with sand	Flush Storm Culvert Pipes as Needed	Y	Flush culvert pipe to remove sand
Debris Removal	Visual Inspection for Debris in Basins	*Monthly and After Major Storm Events	3.5	No debris noted	Remove Debris as Needed	N	
Sediment Monitoring and Removal	Detention Basin: Note Percent of Sediment Built-Up	*Bi-Annual and After Major Storm Events	3.6	No sediment buildup noted	Remove When Sediment Impedes the Functioning of the Low Level Outlet	N	
	Retention Basins: Note Percent of Sediment Built-Up	*Bi-Annual and After Major Storm Events	3.6	No sediment build up noted	Remove any Sediment that Accumulates on the Bottom of the Infiltration Basin	N	
Basin Slopes	Note Percent of Vegetative Cover	*Bi-Annual and After Major Storm Events	3.7	Some sparsely vegetated areas in NE and SW basins	Re-grade, Reseed and Mulch in Areas with less than 80% Vegetative Cover. Remove Woody Vegetation by Mowing	Y	Seed and Mulch
	Visual Inspection for Gullying, Animal Burrows and Undercutting of Banks	*Bi-Annual and After Major Storm Events	3.7	TWO (2) animal burrows in NE basin	Re-grade, Reseed and Mulch as Needed	Y	fill, seed, and mulch
Principal Spillway and Basin Outlet Structure	Visual Inspection for Debris and Floatables	*Bi-Annual and After Major Storm Events	3.8.1	No debris, floatables noted	Remove Debris as Needed	N	
	Visual Inspection of Condition of Concrete, Masonry and Crack Sealing	Annual	3.8.1	No issues noted	Repair Concrete, Masonry and Seal Cracks as Needed	N	
Low Flow Orifice	Visual Inspection for Obstructions	*Bi-Annual and After Major Storm Events	3.8.2	No obstructions noted	Clear Obstructions as Needed	N	
Emergency Spillway	Visual Inspection for Obstructions, Debris and Floatables	*Bi-Annual and After Major Storm Events	3.8.3	No obstructions, debris, floatables noted	Clear Obstructions as Needed	N	

Date of Inspection: 09-26-2017
Inspector: Justin Campbell

*Bi-annual means Spring/Fall and major storm events means over 4 inches of rain in a 24 hour period.

XREFS: NONE

PROJECT NUMBER:05.5824

Landfill Inspection Map
Date: 09-26-2017
By: C.T. Male Staff

LEGEND

- HR-4 — ABANDONED PIEZOMETER LOCATION AND I.D. (TYPICAL)
- MW-2S — EXISTING MONITORING WELL LOCATION AND I.D. FOR LUZERNE ROAD SITE (TYPICAL)
- MW-16S(R) — REPLACEMENT MONITORING WELL LOCATION AND I.D. FOR LUZERNE ROAD SITE (TYPICAL)
- MW-101-3 — EXISTING MONITORING WELL LOCATION AND I.D. FOR GLENS FALLS MUNICIPAL LANDFILL (TYPICAL)
- MW-101-6S — EXISTING MONITORING WELL LOCATION AND I.D. FOR GLENS FALLS MUNICIPAL LANDFILL INSTALLED AS PART OF THE 2001 RI/FS FIELD ACTIVITIES (TYPICAL) "S" DESIGNATES SHALLOW WELL "I" DESIGNATES INTERMEDIATE WELL
- MW-101-8S(R) — REPLACEMENT MONITORING WELL LOCATION AND I.D. FOR GLENS FALLS MUNICIPAL LANDFILL INSTALLED IN SEPTEMBER 2011 AND MARCH 2014 (TYPICAL)
- GRD= / PVC= / GUARD= — GRADE ELEVATION (TYPICAL) TOP OF MONITORING WELL PVC RISER ELEVATION (TYPICAL) TOP OF MONITORING WELL GUARD PIPE ELEVATION (TYPICAL)
- SURVEY BOUNDARY PROPERTY LINE
- CONTROLLED PROPERTY LINE
- APPROXIMATE LIMIT OF ASH MATERIAL BASED ON EXPLORATORY TEST PIT EXCAVATIONS COMPLETED AS PART OF THE 2001 RI/FS FIELD ACTIVITIES (TYPICAL)
- AREA OF NYSDOT STONE FILLING (TYPICAL)
- LIMIT OF GEOMEMBRANE LINER (40 MIL TEXTURED LLDPE) ANCHOR TRENCH (INSIDE EDGE)
- 8" PERFORATED HDPE UNDERDRAIN PIPE BELOW DRAINAGE SWALE
- GAS VENT GV-1 — UNDERGROUND LANDFILL GAS COLLECTION POINT AND GAS VENTING STRUCTURE
- UG-GCP2 — UNDERGROUND LANDFILL GAS COLLECTION POINT
- PERFORATED GAS COLLECTION LATERAL WITH SOCK IN GAS VENTING LAYER
- HDPE CULVERT DRAINAGE PIPE (ALL CULVERTS)
- OVERHEAD WIRES
- BOTTOM OF DRAINAGE SWALE AND DIRECTION OF FLOW
- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- CB1 — CATCH BASIN
- ES — ALUMINUM END SECTION AT CULVERT
- UTILITY POLE
- SPOT ELEVATION
- CIRF — CAPPED IRON ROD FOUND
- YCIRS — YELLOW CAPPED IRON ROD SET
- MON — CONCRETE MONUMENT

Sparse vegetation
Animal burrow

GLENS FALLS MUNICIPAL LANDFILL
TOTAL CAPPED LANDFILL AREA=16.35± ACRES
CONTROLLED PROPERTY AREA=28.71 ACRES

INTERSTATE 87 ADIRONDACK NORTHWAY
(NORTHBOUND LANES)

LUZERNE ROAD

MAP REFERENCE

1. "FINAL COVER TOPOGRAPHIC SURVEY AND RECORD DRAWING, GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD", TOWN OF QUEENSBURY AND CITY OF GLENS FALLS, WARREN COUNTY, NEW YORK, PREPARED BY C.T. MALE ASSOCIATES, DATED DECEMBER 1, 2010, C.T. MALE PROJECT NO. 05.5824, DWG. NO. 11-402.

BAR SCALE
50 0 25 50 100
1 inch = 50 ft.

DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
6/30/14	1 ADDED MONITORING WELL MW-101-1(R)	MDD	EWR	EWR
	2			
	3			
	4			
	5			
	6			
	7			
	8			

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DESIGNED : EWR
DRAFTED : MDD
CHECKED : EWR
PROJ. NO: 05.5824
SCALE : 1"=50'
DATE : NOV. 1, 2011

GROUNDWATER MONITORING WELL NETWORK MAP

GLENS FALLS MUNICIPAL LANDFILL AT LUZERNE ROAD

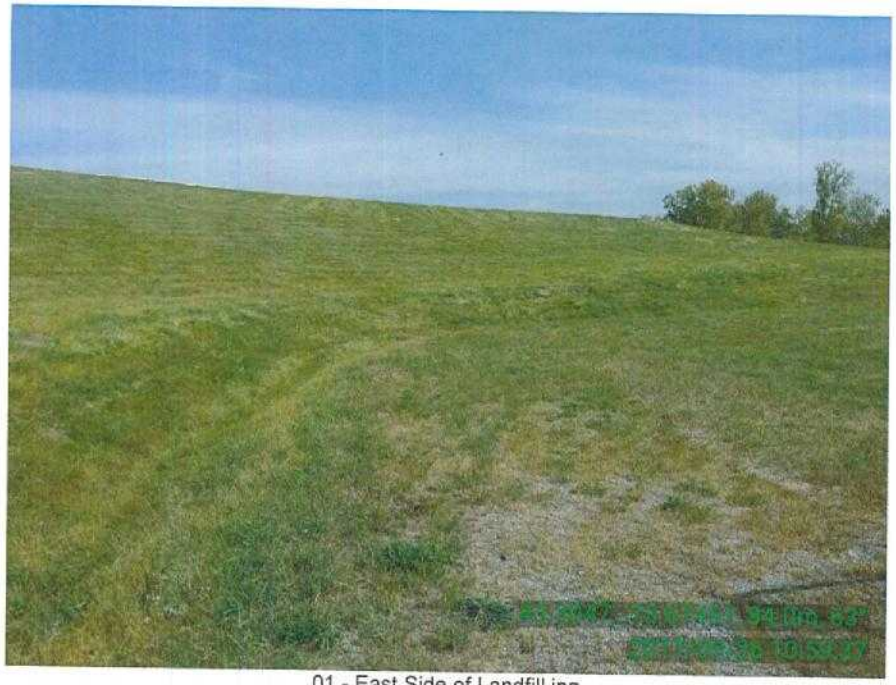
TOWN OF QUEENSBURY AND CITY OF GLENS FALLS — WARREN COUNTY, NEW YORK

C.T. MALE ASSOCIATES
Engineering, Surveying, Architecture & Landscape Architecture, P.C.
50 CENTURY HILL DRIVE, LATHAM, NY 12110
518.786.7400 • FAX 518.786.7299

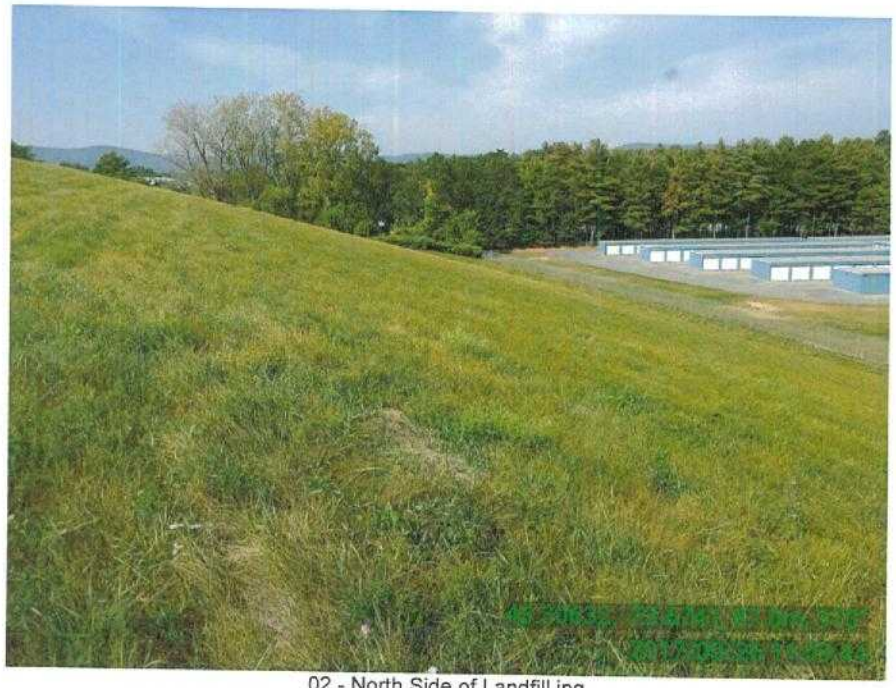
SHEET 1 OF 1
DWG. NO:11-0499

CAD DWG. FILE NAME: GROUNDWATER MONITORING WELL NETWORK MAP.DWG

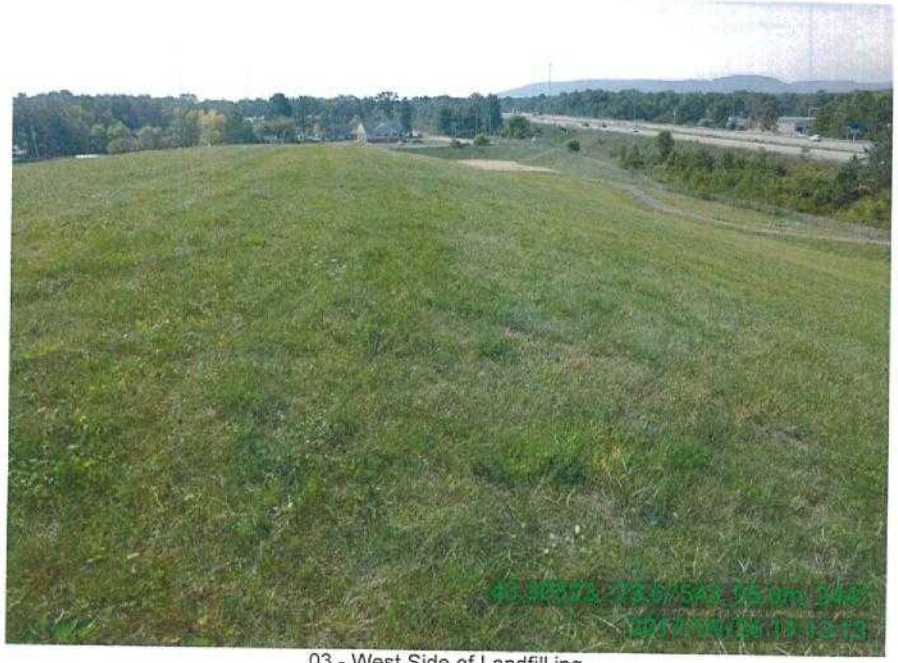
CAD DWG. FILE NAME: GROUNDWATER MONITORING



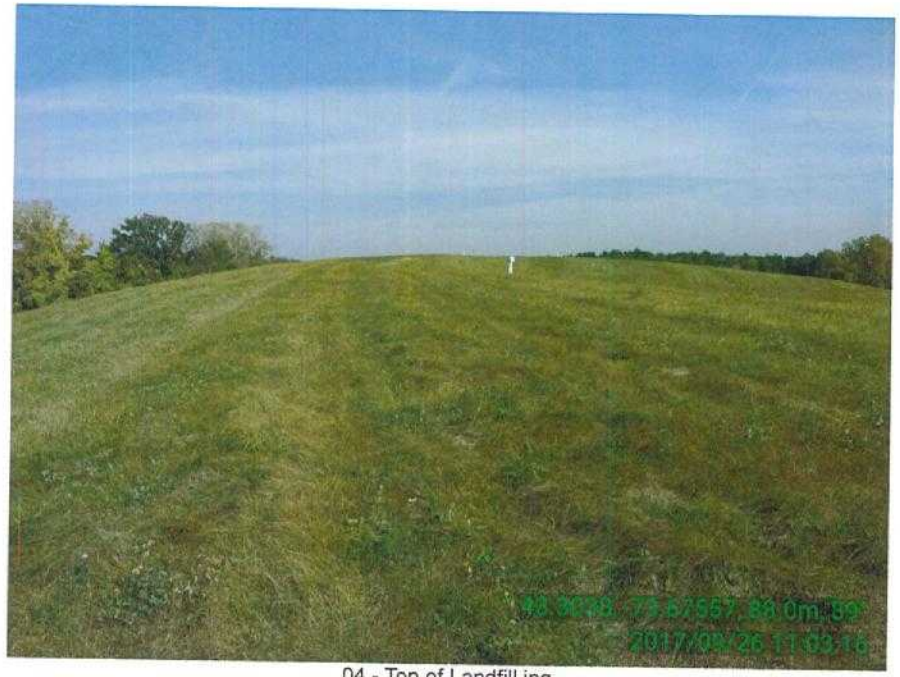
01 - East Side of Landfill.jpg



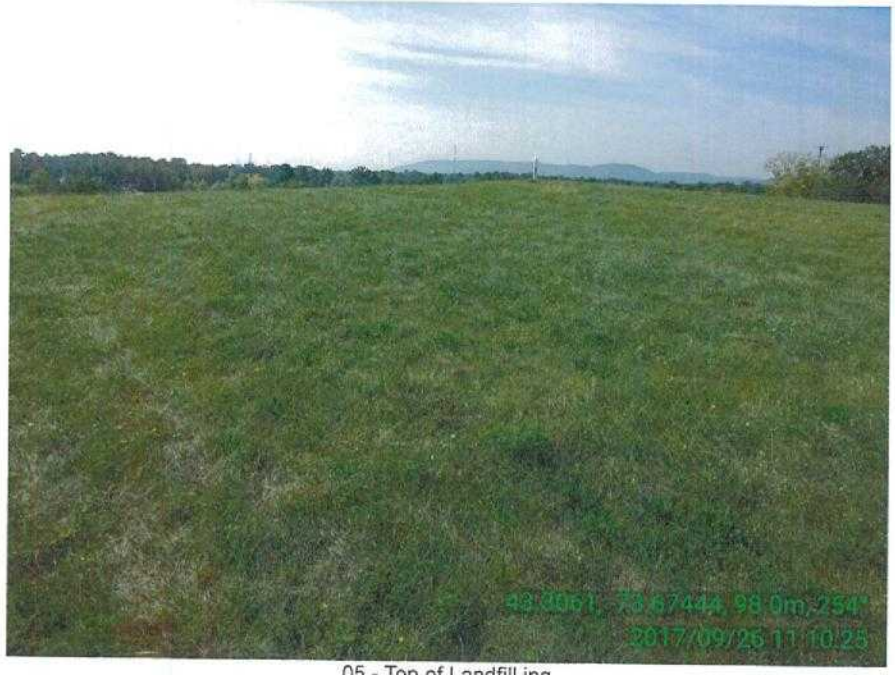
02 - North Side of Landfill.jpg



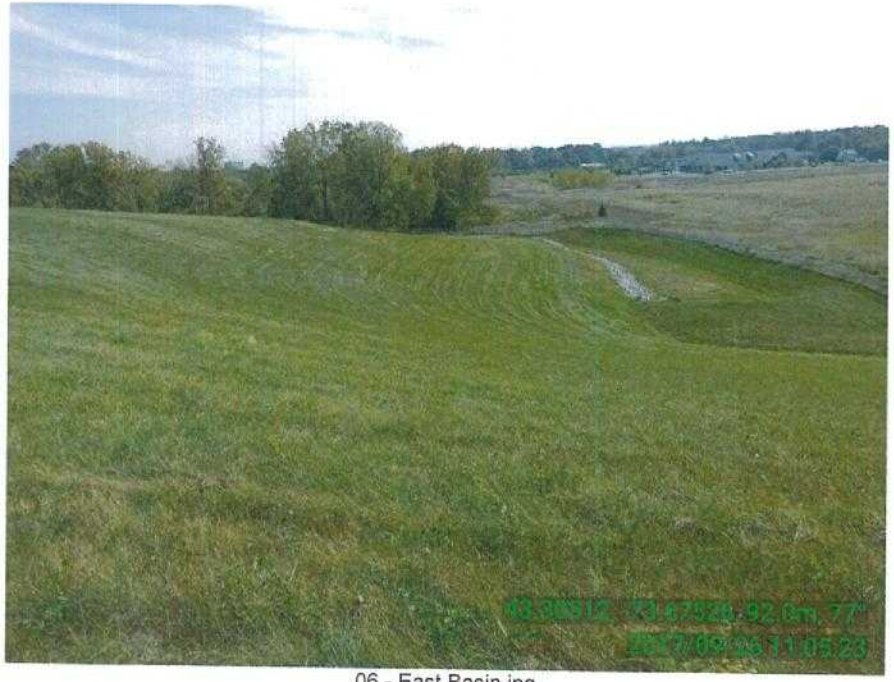
03 - West Side of Landfill.jpg



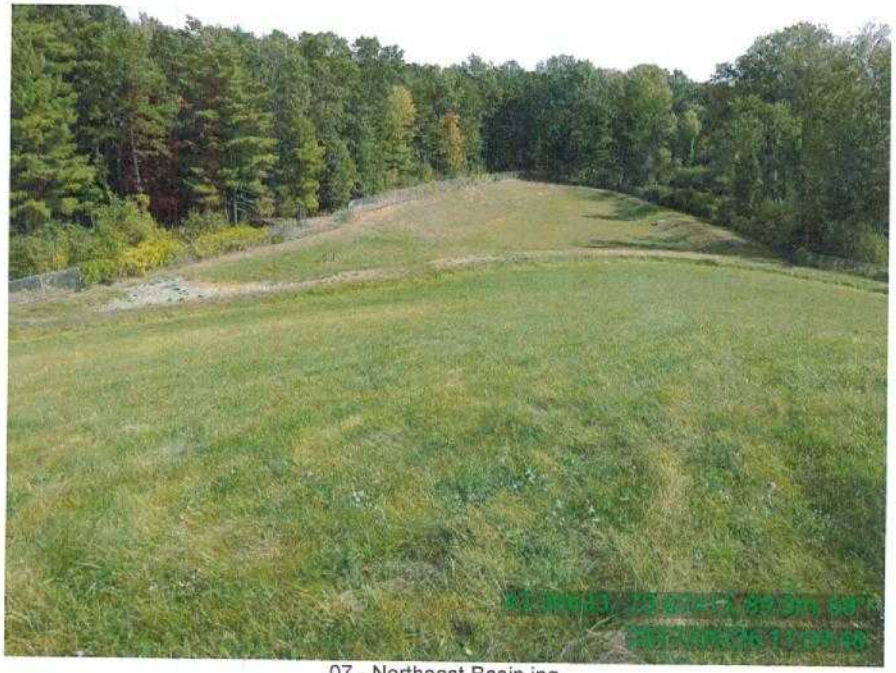
04 - Top of Landfill.jpg



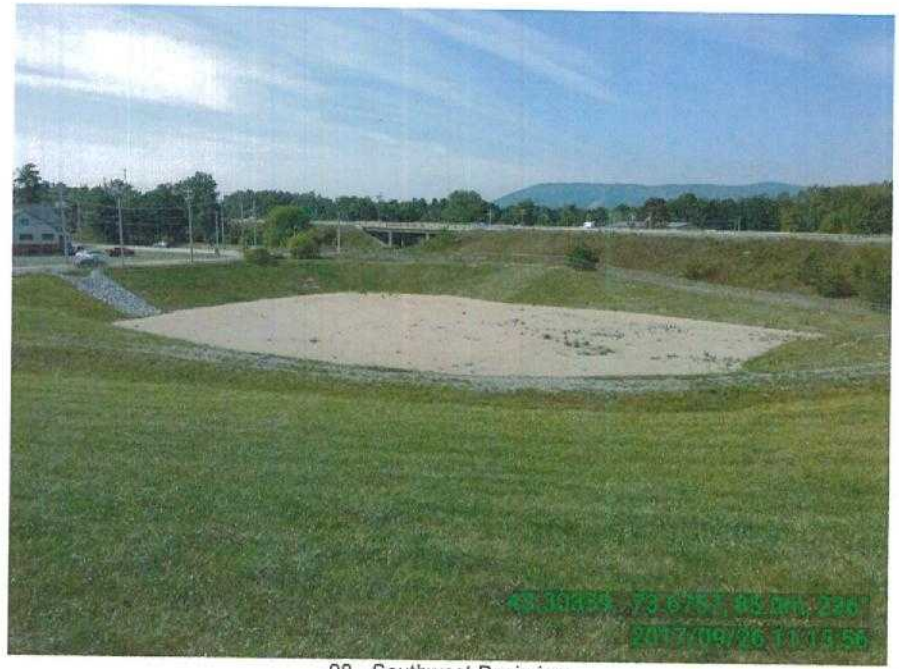
05 - Top of Landfill.jpg



06 - East Basin.jpg

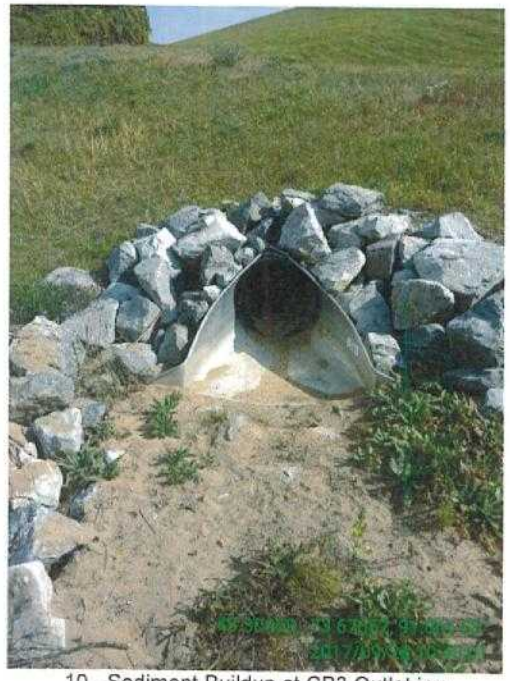


07 - Northeast Basin.jpg



08 - Southwest Basin.jpg

09 - Animal Burrow on Landfill.jpg



10 - Sediment Buildup at CB3 Outlet.jpg

APPENDIX B

LABORATORY ANALYSIS REPORT AND CHAIN OF CUSTODY RECORD

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: 480-124782-1
Client Project/Site: Glens Falls Landfill Monitoring

For:
CT Male Associates PC
50 Century Hill Dr
Latham, New York 12110

Attn: Mr. Jeffrey Marx

Authorized for release by:
10/9/2017 5:16:32 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

Table of Contents

Definitions/Glossary

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.

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.
B	Compound was found in the blank and sample.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.
b	Result Detected in the Unseeded Control blank (USB).
H	Sample was prepped or analyzed beyond the specified holding time
E	Result exceeded calibration range.
F2	MS/MSD RPD exceeds control limits
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

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: 480-124782-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-124782-1

Receipt
The samples were received on 9/26/2017 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 5 coolers at receipt time were 2.1º C, 2.4º C, 2.8º C, 2.9º C and 3.0º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-379676 recovered above the upper control limit for Dichlorobromomethane,1,1-Dichloroethene, 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Acrylonitrile, Carbon tetrachloride and Vinyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: MW-101-1(R) (480-124782-1), MW-101-3 (480-124782-2), MW-101-4 (480-124782-3), MW-101-5 (480-124782-4), MW-101-6S (480-124782-5), MW-101-6I (480-124782-6), MW-101-7S (480-124782-7), MW-101-7I (480-124782-8), MW-101-8S(R) (480-124782-9), MW-101-8I(R) (480-124782-10), MW-101-10S(R) (480-124782-11), MW-2S (480-124782-12) and FDGW01 (480-124782-13).

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-379676 recovered outside control limits for the following analytes: 2-Hexanone, 4-Methyl-2-pentanone (MIBK) and Acrylonitrile. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The following samples are impacted: MW-101-1(R) (480-124782-1), MW-101-3 (480-124782-2), MW-101-4 (480-124782-3), MW-101-5 (480-124782-4), MW-101-6S (480-124782-5), MW-101-6I (480-124782-6), MW-101-7S (480-124782-7), MW-101-7I (480-124782-8), MW-101-8S(R) (480-124782-9), MW-101-8I(R) (480-124782-10), MW-101-10S(R) (480-124782-11), MW-2S (480-124782-12) and FDGW01 (480-124782-13).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-379843 recovered above the upper control limit for 2-Hexanone, Acetone, Acrylonitrile, 4-Methyl-2-pentanone (MIBK), 2-Butanone (MEK) and Vinyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: TRIP BLANK (480-124782-14).

Method(s) 8260C: The following volatile sample was analyzed with significant headspace in the sample container: TRIP BLANK (480-124782-14). Significant headspace is defined as a bubble greater than 6 mm in diameter.

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

HPLC/IC
Method(s) 9056A: The following samples was diluted to bring the concentration of target analytes within the calibration range: MW-101-1(R) (480-124782-1), MW-101-3 (480-124782-2), MW-101-5 (480-124782-4), MW-101-7S (480-124782-7), MW-101-7I (480-124782-8), MW-101-10S(R) (480-124782-11) and FDGW01 (480-124782-13). Elevated reporting limits (RLs) are provided.

Method(s) 9056A: The following samples was reported with elevated reporting limits for all analytes: MW-101-8I(R) (480-124782-10) and MW-2S (480-124782-12). The sample was analyzed at a dilution based on screening results.

Method(s) 9056A: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-101-3 (480-124782-2). Elevated reporting limits (RLs) are provided.

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

Metals
Method(s) 6010C: The Low Level Continuing Calibration Verification, (CCVL 480-379704/58) associated with batch 480-379704, contained Dissolved Iron above the upper quality control limit. The associated samples were either ND for the affected analyte or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples (LCS 480-378976/2-C) and (MB 480-378976/1-C) was not performed.

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

General Chemistry

Job ID: 480-124782-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) SM 2120B: The following samples was filtered prior to analysis, therefore the analytical results are being report as "True Color": MW-101-1(R) (480-124782-1), MW-101-4 (480-124782-3), MW-101-5 (480-124782-4), MW-101-7S (480-124782-7), MW-101-8I(R) (480-124782-10), MW-101-10S(R) (480-124782-11) and MW-2S (480-124782-12).

Method(s) SM 2340C: The results reported for the following sample do not concur with results previously reported for this site: MW-101-8I(R) (480-124782-10). Reanalysis was performed, and the result(s) confirmed.

Method(s) SM 2540C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: MW-101-3 (480-124782-2). The reporting limits (RLs) have been adjusted proportionately.

Method(s) 353.2: The results reported for the following samples do not concur with results previously reported for this site: MW-101-1(R) (480-124782-1), MW-101-5 (480-124782-4) and MW-2S (480-124782-12). Reanalysis was performed, and the result(s) confirmed.

Method(s) 353.2: The results reported for the following sample do not concur with results previously reported for this site: MW-101-1(R) (480-124782-1). Reanalysis was performed, and the result(s) confirmed.

Method(s) SM 5210B: The RPD between the lowest and highest results used in averaging the final result was > 30%: MW-101-3 (480-124782-2).

Method(s) 7196A: The following sample was received outside of holding time: FDGW01 (480-124782-13).

Method(s) 7196A: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: MW-101-6S (480-124782-5), MW-101-6I (480-124782-6), MW-101-6I (480-124782-6[MS]) and MW-101-6I (480-124782-6[MSD]).

Method(s) 7196A: To verify the absence of an interference, EPA Method 7196A requires the sample to be diluted until the matrix spike (MS) recovery is within 85-115%. For this reason, the following samples was diluted: MW-2S (480-124782-12) and (480-124782-H-12 MS ^). 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.

Detection Summary

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Client Sample ID: MW-101-1(R) — Lab Sample ID: 480-124782-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	2.3		1.0	0.84	ug/L	1		8260C	Total/NA
Acetone	4.4	J	10	3.0	ug/L	1		8260C	Total/NA
Benzene	0.66	J	1.0	0.41	ug/L	1		8260C	Total/NA
Chlorobenzene	5.9		1.0	0.75	ug/L	1		8260C	Total/NA
Aluminum	1510		200	60.0	ug/L	1		6010C	Total/NA
Arsenic	12.0	J	15.0	5.6	ug/L	1		6010C	Total/NA
Barium	270		2.0	0.70	ug/L	1		6010C	Total/NA
Boron	0.091		0.020	0.0040	mg/L	1		6010C	Total/NA
Calcium	146000		500	100	ug/L	1		6010C	Total/NA
Chromium	1.5	J	4.0	1.0	ug/L	1		6010C	Total/NA
Cobalt	1.4	J	4.0	0.63	ug/L	1		6010C	Total/NA
Iron	58600		50.0	19.3	ug/L	1		6010C	Total/NA
Lead	5.8	J	10.0	3.0	ug/L	1		6010C	Total/NA
Magnesium	17800		200	43.4	ug/L	1		6010C	Total/NA
Manganese	2440	B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	6840		500	100	ug/L	1		6010C	Total/NA
Sodium	472000		1000	324	ug/L	1		6010C	Total/NA
Vanadium	6.2		5.0	1.5	ug/L	1		6010C	Total/NA
Zinc	3.7	J	10.0	1.5	ug/L	1		6010C	Total/NA
Calcium	138000		500	100	ug/L	1		6010C	Dissolved
Iron	11400	B	50.0	19.3	ug/L	1		6010C	Dissolved
Potassium	6280		500	100	ug/L	1		6010C	Dissolved
Magnesium	17000		200	43.4	ug/L	1		6010C	Dissolved
Manganese	1950	B	3.0	0.40	ug/L	1		6010C	Dissolved
Sodium	438000		1000	324	ug/L	1		6010C	Dissolved
Alkalinity, Total	409		50.0	20.0	mg/L	5		310.2	Total/NA
Ammonia as N	2.3		0.040	0.018	mg/L	2		350.1	Total/NA
Total Kjeldahl Nitrogen	3.3		0.20	0.15	mg/L	1		351.2	Total/NA
Nitrate	0.40		0.050	0.020	mg/L	1		353.2	Total/NA
Chemical Oxygen Demand	17.4		10.0	5.0	mg/L	1		410.4	Total/NA
Chloride	845		5.0	2.8	mg/L	10		9056A	Total/NA
Sulfate	123		20.0	3.5	mg/L	10		9056A	Total/NA
Total Organic Carbon	5.4	B	1.0	0.43	mg/L	1		9060A	Total/NA
Phenolics, Total Recoverable	0.0085	J	0.010	0.0050	mg/L	1		9065	Total/NA
Total Hardness	444		4.0	1.1	mg/L	1		SM 2340C	Total/NA
Total Dissolved Solids	1860		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Biochemical Oxygen Demand	2.1		2.0	2.0	mg/L	1		SM 5210B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Color	5.00		5.00	5.00	Color Units	1		SM 2120B	Total/NA

Client Sample ID: MW-101-3 — Lab Sample ID: 480-124782-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	4910		200	60.0	ug/L	1		6010C	Total/NA
Barium	160		2.0	0.70	ug/L	1		6010C	Total/NA
Boron	0.011	J	0.020	0.0040	mg/L	1		6010C	Total/NA
Cadmium	1.2	J	2.0	0.50	ug/L	1		6010C	Total/NA
Calcium	59300		500	100	ug/L	1		6010C	Total/NA
Chromium	1.5	J	4.0	1.0	ug/L	1		6010C	Total/NA
Cobalt	1.6	J	4.0	0.63	ug/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Client Sample ID: MW-101-3 (Continued) — Lab Sample ID: 480-124782-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	4.6	J	10.0	1.6	ug/L	1		6010C	Total/NA
Iron	3380		50.0	19.3	ug/L	1		6010C	Total/NA
Lead	3.9	J	10.0	3.0	ug/L	1		6010C	Total/NA
Magnesium	9940		200	43.4	ug/L	1		6010C	Total/NA
Manganese	238	B	3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	1.9	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	4770		500	100	ug/L	1		6010C	Total/NA
Sodium	293000		1000	324	ug/L	1		6010C	Total/NA
Vanadium	4.6	J	5.0	1.5	ug/L	1		6010C	Total/NA
Zinc	8.2	J	10.0	1.5	ug/L	1		6010C	Total/NA
Alkalinity, Total	23.6		10.0	4.0	mg/L	1		310.2	Total/NA
Ammonia as N	0.0091	J	0.020	0.0090	mg/L	1		350.1	Total/NA
Nitrate	11.3		0.050	0.020	mg/L	1		353.2	Total/NA
Chloride	525		5.0	2.8	mg/L	10		9056A	Total/NA
Sulfate	28.5		10.0	1.7	mg/L	5		9056A	Total/NA
Total Organic Carbon	1.8	B	1.0	0.43	mg/L	1		9060A	Total/NA
Total Hardness	188		4.0	1.1	mg/L	1		SM 2340C	Total/NA
Total Dissolved Solids	1210		20.0	8.0	mg/L	1		SM 2540C	Total/NA
Biochemical Oxygen Demand	2.6	b	2.0	2.0	mg/L	1		SM 5210B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Color	10.0		5.00	5.00	Color Units	1		SM 2120B	Total/NA

Client Sample ID: MW-101-4 — Lab Sample ID: 480-124782-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	12.1		2.0	0.70	ug/L	1		6010C	Total/NA
Boron	0.036		0.020	0.0040	mg/L	1		6010C	Total/NA
Calcium	25900		500	100	ug/L	1		6010C	Total/NA
Cobalt	3.2	J	4.0	0.63	ug/L	1		6010C	Total/NA
Iron	17600		50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	5150		200	43.4	ug/L	1		6010C	Total/NA
Manganese	193	B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	4860		500	100	ug/L	1		6010C	Total/NA
Sodium	49900		1000	324	ug/L	1		6010C	Total/NA
Zinc	1.7	J	10.0	1.5	ug/L	1		6010C	Total/NA
Alkalinity, Total	95.3		10.0	4.0	mg/L	1		310.2	Total/NA
Ammonia as N	0.39		0.020	0.0090	mg/L	1		350.1	Total/NA
Total Kjeldahl Nitrogen	0.65		0.20	0.15	mg/L	1		351.2	Total/NA
Nitrate	0.047	J	0.050	0.020	mg/L	1		353.2	Total/NA
Chloride	89.8		0.50	0.28	mg/L	1		9056A	Total/NA
Sulfate	14.0		2.0	0.35	mg/L	1		9056A	Total/NA
Total Organic Carbon	1.2	B	1.0	0.43	mg/L	1		9060A	Total/NA
Total Hardness	92.0		4.0	1.1	mg/L	1		SM 2340C	Total/NA
Total Dissolved Solids	266		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-101-5 — Lab Sample ID: 480-124782-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.8	J	10	3.0	ug/L	1		8260C	Total/NA
Barium	69.9		2.0	0.70	ug/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample ID: MW-101-5 (Continued)

Lab Sample ID: 480-124782-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.095		0.020	0.0040	mg/L	1		6010C	Total/NA
Calcium	59000		500	100	ug/L	1		6010C	Total/NA
Cobalt	4.2		4.0	0.63	ug/L	1		6010C	Total/NA
Iron	41300		50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	11200		200	43.4	ug/L	1		6010C	Total/NA
Manganese	2450	B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	6240		500	100	ug/L	1		6010C	Total/NA
Sodium	106000		1000	324	ug/L	1		6010C	Total/NA
Zinc	1.6	J	10.0	1.5	ug/L	1		6010C	Total/NA
Alkalinity, Total	226		30.0	12.0	mg/L	3		310.2	Total/NA
Ammonia as N	0.69		0.020	0.0090	mg/L	1		350.1	Total/NA
Total Kjeldahl Nitrogen	1.1		0.20	0.15	mg/L	1		351.2	Total/NA
Nitrate	0.069		0.050	0.020	mg/L	1		353.2	Total/NA
Chloride	167		2.5	1.4	mg/L	5		9056A	Total/NA
Sulfate	31.9		10.0	1.7	mg/L	5		9056A	Total/NA
Total Organic Carbon	3.6	B	1.0	0.43	mg/L	1		9060A	Total/NA
Phenolics, Total Recoverable	0.0059	J	0.010	0.0050	mg/L	1		9065	Total/NA
Total Hardness	212		4.0	1.1	mg/L	1		SM 2340C	Total/NA
Total Dissolved Solids	545		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Biochemical Oxygen Demand	3.6		2.0	2.0	mg/L	1		SM 5210B	Total/NA

Client Sample ID: MW-101-6S

Lab Sample ID: 480-124782-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.5	J	10	3.0	ug/L	1		8260C	Total/NA
Aluminum	5290		200	60.0	ug/L	1		6010C	Total/NA
Barium	29.5		2.0	0.70	ug/L	1		6010C	Total/NA
Boron	0.0092	J	0.020	0.0040	mg/L	1		6010C	Total/NA
Calcium	16900		500	100	ug/L	1		6010C	Total/NA
Chromium	3.4	J	4.0	1.0	ug/L	1		6010C	Total/NA
Cobalt	0.84	J	4.0	0.63	ug/L	1		6010C	Total/NA
Copper	1.6	J	10.0	1.6	ug/L	1		6010C	Total/NA
Iron	2610		50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	2970		200	43.4	ug/L	1		6010C	Total/NA
Manganese	81.8	B	3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	3.4	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	1070		500	100	ug/L	1		6010C	Total/NA
Sodium	23700		1000	324	ug/L	1		6010C	Total/NA
Vanadium	5.7		5.0	1.5	ug/L	1		6010C	Total/NA
Zinc	5.3	J	10.0	1.5	ug/L	1		6010C	Total/NA
Alkalinity, Total	32.5		10.0	4.0	mg/L	1		310.2	Total/NA
Total Kjeldahl Nitrogen	0.27		0.20	0.15	mg/L	1		351.2	Total/NA
Nitrate	4.6		0.050	0.020	mg/L	1		353.2	Total/NA
Chloride	35.7		0.50	0.28	mg/L	1		9056A	Total/NA
Sulfate	20.7		2.0	0.35	mg/L	1		9056A	Total/NA
Total Organic Carbon	0.92	J B	1.0	0.43	mg/L	1		9060A	Total/NA
Total Hardness	52.0		4.0	1.1	mg/L	1		SM 2340C	Total/NA
Total Dissolved Solids	128		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Color	10.0		5.00	5.00	Color Units	1		SM 2120B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Client Sample ID: MW-101-6I — Lab Sample ID: 480-124782-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.0	J	10	3.0	ug/L	1		8260C	Total/NA
Barium	4.1		2.0	0.70	ug/L	1		6010C	Total/NA
Boron	0.010	J	0.020	0.0040	mg/L	1		6010C	Total/NA
Calcium	17700		500	100	ug/L	1		6010C	Total/NA
Copper	22.6		10.0	1.6	ug/L	1		6010C	Total/NA
Iron	52.7		50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	3720		200	43.4	ug/L	1		6010C	Total/NA
Manganese	1.1	J B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	603		500	100	ug/L	1		6010C	Total/NA
Sodium	9320		1000	324	ug/L	1		6010C	Total/NA
Zinc	13.3		10.0	1.5	ug/L	1		6010C	Total/NA
Alkalinity, Total	52.1		10.0	4.0	mg/L	1		310.2	Total/NA
Nitrate	1.6		0.050	0.020	mg/L	1		353.2	Total/NA
Chloride	16.5		0.50	0.28	mg/L	1		9056A	Total/NA
Sulfate	9.2		2.0	0.35	mg/L	1		9056A	Total/NA
Total Organic Carbon	0.63	J B	1.0	0.43	mg/L	1		9060A	Total/NA
Total Hardness	60.0		4.0	1.1	mg/L	1		SM 2340C	Total/NA
Total Dissolved Solids	87.0		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-101-7S — Lab Sample ID: 480-124782-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	73.8	J	200	60.0	ug/L	1		6010C	Total/NA
Barium	92.0		2.0	0.70	ug/L	1		6010C	Total/NA
Boron	0.15		0.020	0.0040	mg/L	1		6010C	Total/NA
Calcium	49500		500	100	ug/L	1		6010C	Total/NA
Cobalt	2.4	J	4.0	0.63	ug/L	1		6010C	Total/NA
Iron	30600		50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	13200		200	43.4	ug/L	1		6010C	Total/NA
Manganese	558	B	3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	1.4	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	8500		500	100	ug/L	1		6010C	Total/NA
Sodium	94200		1000	324	ug/L	1		6010C	Total/NA
Alkalinity, Total	167		20.0	8.0	mg/L	2		310.2	Total/NA
Ammonia as N	1.1		0.020	0.0090	mg/L	1		350.1	Total/NA
Total Kjeldahl Nitrogen	1.6		0.20	0.15	mg/L	1		351.2	Total/NA
Nitrate	0.057		0.050	0.020	mg/L	1		353.2	Total/NA
Chloride	167		2.5	1.4	mg/L	5		9056A	Total/NA
Sulfate	33.0		10.0	1.7	mg/L	5		9056A	Total/NA
Total Organic Carbon	2.6	B	1.0	0.43	mg/L	1		9060A	Total/NA
Total Hardness	188		4.0	1.1	mg/L	1		SM 2340C	Total/NA
Total Dissolved Solids	449		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Biochemical Oxygen Demand	2.1		2.0	2.0	mg/L	1		SM 5210B	Total/NA

Client Sample ID: MW-101-7I — Lab Sample ID: 480-124782-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.7	J	10	3.0	ug/L	1		8260C	Total/NA
Barium	22.7		2.0	0.70	ug/L	1		6010C	Total/NA
Boron	0.036		0.020	0.0040	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample ID: MW-101-7I (Continued) — Lab Sample ID: 480-124782-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	45700		500	100	ug/L	1		6010C	Total/NA
Cobalt	1.4	J	4.0	0.63	ug/L	1		6010C	Total/NA
Iron	2980		50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	7750		200	43.4	ug/L	1		6010C	Total/NA
Manganese	1210	B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	5850		500	100	ug/L	1		6010C	Total/NA
Sodium	44100		1000	324	ug/L	1		6010C	Total/NA
Zinc	4.3	J	10.0	1.5	ug/L	1		6010C	Total/NA
Alkalinity, Total	94.5		10.0	4.0	mg/L	1		310.2	Total/NA
Ammonia as N	0.32	F1	0.020	0.0090	mg/L	1		350.1	Total/NA
Total Kjeldahl Nitrogen	0.60		0.20	0.15	mg/L	1		351.2	Total/NA
Nitrate	0.14		0.050	0.020	mg/L	1		353.2	Total/NA
Chemical Oxygen Demand	5.4	J	10.0	5.0	mg/L	1		410.4	Total/NA
Chloride	118		1.0	0.56	mg/L	2		9056A	Total/NA
Sulfate	17.0		4.0	0.70	mg/L	2		9056A	Total/NA
Total Organic Carbon	1.7	B	1.0	0.43	mg/L	1		9060A	Total/NA
Total Hardness	144		4.0	1.1	mg/L	1		SM 2340C	Total/NA
Total Dissolved Solids	303		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Color	10.0		5.00	5.00	Color Units	1		SM 2120B	Total/NA

Client Sample ID: MW-101-8S(R) — Lab Sample ID: 480-124782-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	2010		200	60.0	ug/L	1		6010C	Total/NA
Barium	20.7		2.0	0.70	ug/L	1		6010C	Total/NA
Boron	0.013	J	0.020	0.0040	mg/L	1		6010C	Total/NA
Calcium	48900		500	100	ug/L	1		6010C	Total/NA
Cobalt	1.2	J	4.0	0.63	ug/L	1		6010C	Total/NA
Iron	1470		50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	6060		200	43.4	ug/L	1		6010C	Total/NA
Manganese	63.0	B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	1830		500	100	ug/L	1		6010C	Total/NA
Sodium	6660		1000	324	ug/L	1		6010C	Total/NA
Vanadium	2.9	J	5.0	1.5	ug/L	1		6010C	Total/NA
Zinc	3.8	J	10.0	1.5	ug/L	1		6010C	Total/NA
Alkalinity, Total	124		20.0	8.0	mg/L	2		310.2	Total/NA
Nitrate	5.9		0.050	0.020	mg/L	1		353.2	Total/NA
Chloride	2.7		0.50	0.28	mg/L	1		9056A	Total/NA
Sulfate	36.8		2.0	0.35	mg/L	1		9056A	Total/NA
Total Organic Carbon	1.4	B	1.0	0.43	mg/L	1		9060A	Total/NA
Total Hardness	156		4.0	1.1	mg/L	1		SM 2340C	Total/NA
Total Dissolved Solids	163		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Color	5.00		5.00	5.00	Color Units	1		SM 2120B	Total/NA

Client Sample ID: MW-101-8I(R) — Lab Sample ID: 480-124782-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.7	J	10	3.0	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Client Sample ID: MW-101-8I(R) (Continued) — Lab Sample ID: 480-124782-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	173	J	200	60.0	ug/L	1		6010C	Total/NA
Barium	54.0		2.0	0.70	ug/L	1		6010C	Total/NA
Boron	0.035		0.020	0.0040	mg/L	1		6010C	Total/NA
Cadmium	0.65	J	2.0	0.50	ug/L	1		6010C	Total/NA
Calcium	60500		500	100	ug/L	1		6010C	Total/NA
Cobalt	5.5		4.0	0.63	ug/L	1		6010C	Total/NA
Iron	4330		50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	10300		200	43.4	ug/L	1		6010C	Total/NA
Manganese	10200	B	3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	2.7	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	2600		500	100	ug/L	1		6010C	Total/NA
Sodium	21900		1000	324	ug/L	1		6010C	Total/NA
Zinc	3.6	J	10.0	1.5	ug/L	1		6010C	Total/NA
Alkalinity, Total	218		30.0	12.0	mg/L	3		310.2	Total/NA
Ammonia as N	0.13		0.020	0.0090	mg/L	1		350.1	Total/NA
Total Kjeldahl Nitrogen	0.37		0.20	0.15	mg/L	1		351.2	Total/NA
Chloride	29.4		1.0	0.56	mg/L	2		9056A	Total/NA
Sulfate	3.4	J	4.0	0.70	mg/L	2		9056A	Total/NA
Total Organic Carbon	2.9	B	1.0	0.43	mg/L	1		9060A	Total/NA
Phenolics, Total Recoverable	0.0065	J F1	0.010	0.0050	mg/L	1		9065	Total/NA
Total Hardness	336		4.0	1.1	mg/L	1		SM 2340C	Total/NA
Total Dissolved Solids	255		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-101-10S(R) — Lab Sample ID: 480-124782-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	3410		200	60.0	ug/L	1		6010C	Total/NA
Barium	87.5		2.0	0.70	ug/L	1		6010C	Total/NA
Boron	0.028		0.020	0.0040	mg/L	1		6010C	Total/NA
Calcium	46000		500	100	ug/L	1		6010C	Total/NA
Chromium	6.2		4.0	1.0	ug/L	1		6010C	Total/NA
Cobalt	11.4		4.0	0.63	ug/L	1		6010C	Total/NA
Copper	1.8	J	10.0	1.6	ug/L	1		6010C	Total/NA
Iron	43400		50.0	19.3	ug/L	1		6010C	Total/NA
Lead	3.0	J	10.0	3.0	ug/L	1		6010C	Total/NA
Magnesium	6590		200	43.4	ug/L	1		6010C	Total/NA
Manganese	1550	B	3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	2.7	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	6440		500	100	ug/L	1		6010C	Total/NA
Sodium	112000		1000	324	ug/L	1		6010C	Total/NA
Vanadium	5.0		5.0	1.5	ug/L	1		6010C	Total/NA
Zinc	16.8		10.0	1.5	ug/L	1		6010C	Total/NA
Alkalinity, Total	85.1		20.0	8.0	mg/L	2		310.2	Total/NA
Ammonia as N	1.1		0.020	0.0090	mg/L	1		350.1	Total/NA
Total Kjeldahl Nitrogen	1.5		0.20	0.15	mg/L	1		351.2	Total/NA
Nitrate	0.066		0.050	0.020	mg/L	1		353.2	Total/NA
Chloride	241		2.5	1.4	mg/L	5		9056A	Total/NA
Sulfate	18.7		10.0	1.7	mg/L	5		9056A	Total/NA
Total Organic Carbon	3.6	B	1.0	0.43	mg/L	1		9060A	Total/NA
Total Hardness	180		4.0	1.1	mg/L	1		SM 2340C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Client Sample ID: MW-101-10S(R) (Continued) — Lab Sample ID: 480-124782-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	465		10.0	4.0	mg/L	1		SM 2540C	Total/NA
Biochemical Oxygen Demand	3.0	b	2.0	2.0	mg/L	1		SM 5210B	Total/NA

Client Sample ID: MW-2S — Lab Sample ID: 480-124782-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	2.6		1.0	0.75	ug/L	1		8260C	Total/NA
Aluminum	1810		200	60.0	ug/L	1		6010C	Total/NA
Arsenic	7.7	J	15.0	5.6	ug/L	1		6010C	Total/NA
Barium	90.3		2.0	0.70	ug/L	1		6010C	Total/NA
Boron	0.043		0.020	0.0040	mg/L	1		6010C	Total/NA
Calcium	72000		500	100	ug/L	1		6010C	Total/NA
Cobalt	1.7	J	4.0	0.63	ug/L	1		6010C	Total/NA
Copper	2.0	J	10.0	1.6	ug/L	1		6010C	Total/NA
Iron	28700		50.0	19.3	ug/L	1		6010C	Total/NA
Lead	7.3	J	10.0	3.0	ug/L	1		6010C	Total/NA
Magnesium	9620		200	43.4	ug/L	1		6010C	Total/NA
Manganese	5750	B	3.0	0.40	ug/L	1		6010C	Total/NA
Nickel	1.3	J	10.0	1.3	ug/L	1		6010C	Total/NA
Potassium	3040		500	100	ug/L	1		6010C	Total/NA
Sodium	37400		1000	324	ug/L	1		6010C	Total/NA
Vanadium	3.4	J	5.0	1.5	ug/L	1		6010C	Total/NA
Zinc	5.4	J	10.0	1.5	ug/L	1		6010C	Total/NA
Alkalinity, Total	239		30.0	12.0	mg/L	3		310.2	Total/NA
Ammonia as N	0.85		0.020	0.0090	mg/L	1		350.1	Total/NA
Total Kjeldahl Nitrogen	1.4		0.20	0.15	mg/L	1		351.2	Total/NA
Nitrate	0.066		0.050	0.020	mg/L	1		353.2	Total/NA
Chloride	73.5		1.0	0.56	mg/L	2		9056A	Total/NA
Sulfate	3.3	J	4.0	0.70	mg/L	2		9056A	Total/NA
Total Organic Carbon	2.7	B	1.0	0.43	mg/L	1		9060A	Total/NA
Total Hardness	220		4.0	1.1	mg/L	1		SM 2340C	Total/NA
Total Dissolved Solids	343		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Color	5.00		5.00	5.00	Color Units	1		SM 2120B	Total/NA

Client Sample ID: FDGW01 — Lab Sample ID: 480-124782-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.8	J	10	3.0	ug/L	1		8260C	Total/NA
Barium	21.5		2.0	0.70	ug/L	1		6010C	Total/NA
Boron	0.035		0.020	0.0040	mg/L	1		6010C	Total/NA
Calcium	44400		500	100	ug/L	1		6010C	Total/NA
Cobalt	1.2	J	4.0	0.63	ug/L	1		6010C	Total/NA
Iron	2510		50.0	19.3	ug/L	1		6010C	Total/NA
Magnesium	7530		200	43.4	ug/L	1		6010C	Total/NA
Manganese	1270	B	3.0	0.40	ug/L	1		6010C	Total/NA
Potassium	5680		500	100	ug/L	1		6010C	Total/NA
Sodium	42800		1000	324	ug/L	1		6010C	Total/NA
Zinc	2.0	J	10.0	1.5	ug/L	1		6010C	Total/NA
Alkalinity, Total	81.9		10.0	4.0	mg/L	1		310.2	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: FDGW01 (Continued) — Lab Sample ID: 480-124782-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ammonia as N	0.35		0.020	0.0090	mg/L	1		350.1	Total/NA
Total Kjeldahl Nitrogen	0.66		0.20	0.15	mg/L	1		351.2	Total/NA
Nitrate	0.14		0.050	0.020	mg/L	1		353.2	Total/NA
Chemical Oxygen Demand	7.9	J	10.0	5.0	mg/L	1		410.4	Total/NA
Chloride	116		1.0	0.56	mg/L	2		9056A	Total/NA
Sulfate	16.4		4.0	0.70	mg/L	2		9056A	Total/NA
Total Organic Carbon	1.3	B	1.0	0.43	mg/L	1		9060A	Total/NA
Phenolics, Total Recoverable	0.0062	J	0.010	0.0050	mg/L	1		9065	Total/NA
Total Hardness	144		4.0	1.1	mg/L	1		SM 2340C	Total/NA
Total Dissolved Solids	303		10.0	4.0	mg/L	1		SM 2540C	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Color	15.0		5.00	5.00	Color Units	1		SM 2120B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-124782-14

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-101-1(R)

Date Collected: 09/25/17 15:00
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			10/02/17 12:40	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/02/17 12:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/02/17 12:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/02/17 12:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/02/17 12:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/02/17 12:40	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			10/02/17 12:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/02/17 12:40	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/02/17 12:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/02/17 12:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/02/17 12:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/02/17 12:40	1
1,4-Dichlorobenzene	**2.3**		1.0	0.84	ug/L			10/02/17 12:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/17 12:40	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/02/17 12:40	1
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			10/02/17 12:40	1
Acetone	**4.4**	**J**	10	3.0	ug/L			10/02/17 12:40	1
Acrylonitrile	ND	*	5.0	0.83	ug/L			10/02/17 12:40	1
Benzene	**0.66**	**J**	1.0	0.41	ug/L			10/02/17 12:40	1
Bromochloromethane	ND		1.0	0.87	ug/L			10/02/17 12:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/02/17 12:40	1
Bromoform	ND		1.0	0.26	ug/L			10/02/17 12:40	1
Bromomethane	ND		1.0	0.69	ug/L			10/02/17 12:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/02/17 12:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/02/17 12:40	1
Chlorobenzene	**5.9**		1.0	0.75	ug/L			10/02/17 12:40	1
Chloroethane	ND		1.0	0.32	ug/L			10/02/17 12:40	1
Chloroform	ND		1.0	0.34	ug/L			10/02/17 12:40	1
Chloromethane	ND		1.0	0.35	ug/L			10/02/17 12:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/02/17 12:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/02/17 12:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/02/17 12:40	1
Dibromomethane	ND		1.0	0.41	ug/L			10/02/17 12:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/02/17 12:40	1
Iodomethane	ND		1.0	0.30	ug/L			10/02/17 12:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/02/17 12:40	1
Styrene	ND		1.0	0.73	ug/L			10/02/17 12:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/02/17 12:40	1
Toluene	ND		1.0	0.51	ug/L			10/02/17 12:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/02/17 12:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/02/17 12:40	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.22	ug/L			10/02/17 12:40	1
Trichloroethene	ND		1.0	0.46	ug/L			10/02/17 12:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/02/17 12:40	1
Vinyl acetate	ND		5.0	0.85	ug/L			10/02/17 12:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/02/17 12:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/02/17 12:40	1

Client Sample ID: MW-101-1(R)

Date Collected: 09/25/17 15:00
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-1

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*10/02/17 12:40*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*10/02/17 12:40*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/02/17 12:40*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*10/02/17 12:40*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1510**		200	60.0	ug/L		09/27/17 08:25	09/28/17 01:18	1
Antimony	ND		20.0	6.8	ug/L		09/27/17 08:25	09/28/17 01:18	1
Arsenic	**12.0**	**J**	15.0	5.6	ug/L		09/27/17 08:25	09/28/17 01:18	1
Barium	**270**		2.0	0.70	ug/L		09/27/17 08:25	09/28/17 01:18	1
Boron	**0.091**		0.020	0.0040	mg/L		09/27/17 08:25	09/28/17 01:18	1
Beryllium	ND		2.0	0.30	ug/L		09/27/17 08:25	09/28/17 01:18	1
Cadmium	ND		2.0	0.50	ug/L		09/27/17 08:25	09/28/17 01:18	1
Calcium	**146000**		500	100	ug/L		09/27/17 08:25	09/28/17 01:18	1
Chromium	**1.5**	**J**	4.0	1.0	ug/L		09/27/17 08:25	09/28/17 01:18	1
Cobalt	**1.4**	**J**	4.0	0.63	ug/L		09/27/17 08:25	09/28/17 01:18	1
Copper	ND		10.0	1.6	ug/L		09/27/17 08:25	09/28/17 01:18	1
Iron	**58600**		50.0	19.3	ug/L		09/27/17 08:25	09/28/17 01:18	1
Lead	**5.8**	**J**	10.0	3.0	ug/L		09/27/17 08:25	09/28/17 01:18	1
Magnesium	**17800**		200	43.4	ug/L		09/27/17 08:25	09/28/17 01:18	1
Manganese	**2440**	**B**	3.0	0.40	ug/L		09/27/17 08:25	09/28/17 01:18	1
Nickel	ND		10.0	1.3	ug/L		09/27/17 08:25	09/28/17 01:18	1
Potassium	**6840**		500	100	ug/L		09/27/17 08:25	09/28/17 01:18	1
Selenium	ND		25.0	8.7	ug/L		09/27/17 08:25	09/28/17 01:18	1
Silver	ND		6.0	1.7	ug/L		09/27/17 08:25	09/28/17 01:18	1
Sodium	**472000**		1000	324	ug/L		09/27/17 08:25	09/28/17 01:18	1
Thallium	ND		20.0	10.2	ug/L		09/27/17 08:25	09/28/17 01:18	1
Vanadium	**6.2**		5.0	1.5	ug/L		09/27/17 08:25	09/28/17 01:18	1
Zinc	**3.7**	**J**	10.0	1.5	ug/L		09/27/17 08:25	09/28/17 01:18	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**138000**		500	100	ug/L		09/29/17 08:20	09/30/17 18:47	1
Cadmium	ND		2.0	0.50	ug/L		09/29/17 08:20	09/30/17 18:47	1
Iron	**11400**	**B**	50.0	19.3	ug/L		09/29/17 08:20	09/30/17 18:47	1
Potassium	**6280**		500	100	ug/L		09/29/17 08:20	09/30/17 18:47	1
Magnesium	**17000**		200	43.4	ug/L		09/29/17 08:20	09/30/17 18:47	1
Manganese	**1950**	**B**	3.0	0.40	ug/L		09/29/17 08:20	09/30/17 18:47	1
Sodium	**438000**		1000	324	ug/L		09/29/17 08:20	09/30/17 18:47	1
Lead	ND		10.0	3.0	ug/L		09/29/17 08:20	09/30/17 18:47	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		09/27/17 13:35	09/27/17 18:34	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/28/17 13:40	09/28/17 20:02	1

Client Sample ID: MW-101-1(R)

Date Collected: 09/25/17 15:00
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	**409**		50.0	20.0	mg/L			09/27/17 19:42	5
Ammonia as N	**2.3**		0.040	0.018	mg/L			09/27/17 10:28	2
Total Kjeldahl Nitrogen	**3.3**		0.20	0.15	mg/L		09/28/17 07:37	09/28/17 13:40	1
Nitrate	**0.40**		0.050	0.020	mg/L			09/26/17 20:52	1
Chemical Oxygen Demand	**17.4**		10.0	5.0	mg/L			09/26/17 17:32	1
Chromium, hexavalent	ND		0.010	0.0050	mg/L			09/26/17 10:45	1
Cyanide	ND		0.010	0.0050	mg/L		10/03/17 10:15	10/04/17 10:48	1
Bromide	ND		2.0	0.73	mg/L			10/02/17 20:20	10
Chloride	**845**		5.0	2.8	mg/L			10/02/17 20:20	10
Sulfate	**123**		20.0	3.5	mg/L			10/02/17 20:20	10
Total Organic Carbon	**5.4**	**B**	1.0	0.43	mg/L			09/27/17 23:42	1
Phenolics, Total Recoverable	**0.0085**	**J**	0.010	0.0050	mg/L		09/28/17 11:38	09/30/17 13:00	1
Total Hardness	**444**		4.0	1.1	mg/L			09/28/17 13:10	1
Total Dissolved Solids	**1860**		10.0	4.0	mg/L			09/26/17 17:44	1
Biochemical Oxygen Demand	**2.1**		2.0	2.0	mg/L			09/26/17 15:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Color	**5.00**		5.00	5.00	Color Units			09/26/17 18:30	1

Client Sample ID: MW-101-3

Date Collected: 09/25/17 15:50
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			10/02/17 13:05	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/02/17 13:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/02/17 13:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/02/17 13:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/02/17 13:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/02/17 13:05	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			10/02/17 13:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/02/17 13:05	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/02/17 13:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/02/17 13:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/02/17 13:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/02/17 13:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/02/17 13:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/17 13:05	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/02/17 13:05	1
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			10/02/17 13:05	1
Acetone	ND		10	3.0	ug/L			10/02/17 13:05	1
Acrylonitrile	ND	*	5.0	0.83	ug/L			10/02/17 13:05	1
Benzene	ND		1.0	0.41	ug/L			10/02/17 13:05	1
Bromochloromethane	ND		1.0	0.87	ug/L			10/02/17 13:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/02/17 13:05	1
Bromoform	ND		1.0	0.26	ug/L			10/02/17 13:05	1
Bromomethane	ND		1.0	0.69	ug/L			10/02/17 13:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/02/17 13:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/02/17 13:05	1

Client Sample ID: MW-101-3
Date Collected: 09/25/17 15:50
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.75	ug/L			10/02/17 13:05	1
Chloroethane	ND		1.0	0.32	ug/L			10/02/17 13:05	1
Chloroform	ND		1.0	0.34	ug/L			10/02/17 13:05	1
Chloromethane	ND		1.0	0.35	ug/L			10/02/17 13:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/02/17 13:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/02/17 13:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/02/17 13:05	1
Dibromomethane	ND		1.0	0.41	ug/L			10/02/17 13:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/02/17 13:05	1
Iodomethane	ND		1.0	0.30	ug/L			10/02/17 13:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/02/17 13:05	1
Styrene	ND		1.0	0.73	ug/L			10/02/17 13:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/02/17 13:05	1
Toluene	ND		1.0	0.51	ug/L			10/02/17 13:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/02/17 13:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/02/17 13:05	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.22	ug/L			10/02/17 13:05	1
Trichloroethene	ND		1.0	0.46	ug/L			10/02/17 13:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/02/17 13:05	1
Vinyl acetate	ND		5.0	0.85	ug/L			10/02/17 13:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/02/17 13:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/02/17 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*10/02/17 13:05*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*10/02/17 13:05*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/02/17 13:05*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*10/02/17 13:05*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4910**		200	60.0	ug/L		09/27/17 08:25	09/28/17 01:21	1
Antimony	ND		20.0	6.8	ug/L		09/27/17 08:25	09/28/17 01:21	1
Arsenic	ND		15.0	5.6	ug/L		09/27/17 08:25	09/28/17 01:21	1
Barium	**160**		2.0	0.70	ug/L		09/27/17 08:25	09/28/17 01:21	1
Boron	**0.011**	**J**	0.020	0.0040	mg/L		09/27/17 08:25	09/28/17 01:21	1
Beryllium	ND		2.0	0.30	ug/L		09/27/17 08:25	09/28/17 01:21	1
Cadmium	**1.2**	**J**	2.0	0.50	ug/L		09/27/17 08:25	09/28/17 01:21	1
Calcium	**59300**		500	100	ug/L		09/27/17 08:25	09/28/17 01:21	1
Chromium	**1.5**	**J**	4.0	1.0	ug/L		09/27/17 08:25	09/28/17 01:21	1
Cobalt	**1.6**	**J**	4.0	0.63	ug/L		09/27/17 08:25	09/28/17 01:21	1
Copper	**4.6**	**J**	10.0	1.6	ug/L		09/27/17 08:25	09/28/17 01:21	1
Iron	**3380**		50.0	19.3	ug/L		09/27/17 08:25	09/28/17 01:21	1
Lead	**3.9**	**J**	10.0	3.0	ug/L		09/27/17 08:25	09/28/17 01:21	1
Magnesium	**9940**		200	43.4	ug/L		09/27/17 08:25	09/28/17 01:21	1
Manganese	**238**	**B**	3.0	0.40	ug/L		09/27/17 08:25	09/28/17 01:21	1
Nickel	**1.9**	**J**	10.0	1.3	ug/L		09/27/17 08:25	09/28/17 01:21	1
Potassium	**4770**		500	100	ug/L		09/27/17 08:25	09/28/17 01:21	1
Selenium	ND		25.0	8.7	ug/L		09/27/17 08:25	09/28/17 01:21	1
Silver	ND		6.0	1.7	ug/L		09/27/17 08:25	09/28/17 01:21	1

Client Sample ID: MW-101-3

Date Collected: 09/25/17 15:50
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-2

Matrix: Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**293000**		1000	324	ug/L		09/27/17 08:25	09/28/17 01:21	1
Thallium	ND		20.0	10.2	ug/L		09/27/17 08:25	09/28/17 01:21	1
Vanadium	**4.6**	**J**	5.0	1.5	ug/L		09/27/17 08:25	09/28/17 01:21	1
Zinc	**8.2**	**J**	10.0	1.5	ug/L		09/27/17 08:25	09/28/17 01:21	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		09/27/17 13:35	09/27/17 18:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	**23.6**		10.0	4.0	mg/L			09/27/17 16:38	1
Ammonia as N	**0.0091**	**J**	0.020	0.0090	mg/L			09/27/17 10:29	1
Total Kjeldahl Nitrogen	ND		0.20	0.15	mg/L		09/28/17 07:37	09/28/17 13:49	1
Nitrate	**11.3**		0.050	0.020	mg/L			09/26/17 20:53	1
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			09/26/17 17:32	1
Chromium, hexavalent	ND		0.010	0.0050	mg/L			09/26/17 10:45	1
Cyanide	ND		0.010	0.0050	mg/L		10/03/17 10:15	10/04/17 10:49	1
Bromide	ND		1.0	0.37	mg/L			10/02/17 20:35	5
Chloride	**525**		5.0	2.8	mg/L			10/04/17 18:32	10
Sulfate	**28.5**		10.0	1.7	mg/L			10/02/17 20:35	5
Total Organic Carbon	**1.8**	**B**	1.0	0.43	mg/L			09/28/17 00:10	1
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		09/28/17 11:38	09/30/17 11:48	1
Total Hardness	**188**		4.0	1.1	mg/L			09/28/17 13:10	1
Total Dissolved Solids	**1210**		20.0	8.0	mg/L			09/26/17 17:44	1
Biochemical Oxygen Demand	**2.6**	**b**	2.0	2.0	mg/L			09/27/17 11:40	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Color	**10.0**		5.00	5.00	Color Units			09/26/17 18:30	1

Client Sample ID: MW-101-4

Date Collected: 09/25/17 12:15
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			10/02/17 13:30	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/02/17 13:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/02/17 13:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/02/17 13:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/02/17 13:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/02/17 13:30	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			10/02/17 13:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/02/17 13:30	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/02/17 13:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/02/17 13:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/02/17 13:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/02/17 13:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/02/17 13:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/17 13:30	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/02/17 13:30	1

Client Sample ID: MW-101-4
Date Collected: 09/25/17 12:15
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			10/02/17 13:30	1
Acetone	ND		10	3.0	ug/L			10/02/17 13:30	1
Acrylonitrile	ND	*	5.0	0.83	ug/L			10/02/17 13:30	1
Benzene	ND		1.0	0.41	ug/L			10/02/17 13:30	1
Bromochloromethane	ND		1.0	0.87	ug/L			10/02/17 13:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/02/17 13:30	1
Bromoform	ND		1.0	0.26	ug/L			10/02/17 13:30	1
Bromomethane	ND		1.0	0.69	ug/L			10/02/17 13:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/02/17 13:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/02/17 13:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/02/17 13:30	1
Chloroethane	ND		1.0	0.32	ug/L			10/02/17 13:30	1
Chloroform	ND		1.0	0.34	ug/L			10/02/17 13:30	1
Chloromethane	ND		1.0	0.35	ug/L			10/02/17 13:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/02/17 13:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/02/17 13:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/02/17 13:30	1
Dibromomethane	ND		1.0	0.41	ug/L			10/02/17 13:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/02/17 13:30	1
Iodomethane	ND		1.0	0.30	ug/L			10/02/17 13:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/02/17 13:30	1
Styrene	ND		1.0	0.73	ug/L			10/02/17 13:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/02/17 13:30	1
Toluene	ND		1.0	0.51	ug/L			10/02/17 13:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/02/17 13:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/02/17 13:30	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.22	ug/L			10/02/17 13:30	1
Trichloroethene	ND		1.0	0.46	ug/L			10/02/17 13:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/02/17 13:30	1
Vinyl acetate	ND		5.0	0.85	ug/L			10/02/17 13:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/02/17 13:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/02/17 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*10/02/17 13:30*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*10/02/17 13:30*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/02/17 13:30*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*10/02/17 13:30*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	60.0	ug/L		09/27/17 08:25	09/28/17 01:25	1
Antimony	ND		20.0	6.8	ug/L		09/27/17 08:25	09/28/17 01:25	1
Arsenic	ND		15.0	5.6	ug/L		09/27/17 08:25	09/28/17 01:25	1
Barium	**12.1**		2.0	0.70	ug/L		09/27/17 08:25	09/28/17 01:25	1
Boron	**0.036**		0.020	0.0040	mg/L		09/27/17 08:25	09/28/17 01:25	1
Beryllium	ND		2.0	0.30	ug/L		09/27/17 08:25	09/28/17 01:25	1
Cadmium	ND		2.0	0.50	ug/L		09/27/17 08:25	09/28/17 01:25	1
Calcium	**25900**		500	100	ug/L		09/27/17 08:25	09/28/17 01:25	1
Chromium	ND		4.0	1.0	ug/L		09/27/17 08:25	09/28/17 01:25	1

Client Sample ID: MW-101-4

Date Collected: 09/25/17 12:15
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-3
Matrix: Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**3.2**	**J**	4.0	0.63	ug/L		09/27/17 08:25	09/28/17 01:25	1
Copper	ND		10.0	1.6	ug/L		09/27/17 08:25	09/28/17 01:25	1
Iron	**17600**		50.0	19.3	ug/L		09/27/17 08:25	09/28/17 01:25	1
Lead	ND		10.0	3.0	ug/L		09/27/17 08:25	09/28/17 01:25	1
Magnesium	**5150**		200	43.4	ug/L		09/27/17 08:25	09/28/17 01:25	1
Manganese	**193**	**B**	3.0	0.40	ug/L		09/27/17 08:25	09/28/17 01:25	1
Nickel	ND		10.0	1.3	ug/L		09/27/17 08:25	09/28/17 01:25	1
Potassium	**4860**		500	100	ug/L		09/27/17 08:25	09/28/17 01:25	1
Selenium	ND		25.0	8.7	ug/L		09/27/17 08:25	09/28/17 01:25	1
Silver	ND		6.0	1.7	ug/L		09/27/17 08:25	09/28/17 01:25	1
Sodium	**49900**		1000	324	ug/L		09/27/17 08:25	09/28/17 01:25	1
Thallium	ND		20.0	10.2	ug/L		09/27/17 08:25	09/28/17 01:25	1
Vanadium	ND		5.0	1.5	ug/L		09/27/17 08:25	09/28/17 01:25	1
Zinc	**1.7**	**J**	10.0	1.5	ug/L		09/27/17 08:25	09/28/17 01:25	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		09/27/17 13:35	09/27/17 18:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	**95.3**		10.0	4.0	mg/L			09/27/17 16:38	1
Ammonia as N	**0.39**		0.020	0.0090	mg/L			09/27/17 10:30	1
Total Kjeldahl Nitrogen	**0.65**		0.20	0.15	mg/L		09/28/17 07:37	09/28/17 13:49	1
Nitrate	**0.047**	**J**	0.050	0.020	mg/L			09/26/17 18:18	1
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			09/26/17 17:32	1
Chromium, hexavalent	ND		0.010	0.0050	mg/L			09/26/17 10:45	1
Cyanide	ND		0.010	0.0050	mg/L		10/03/17 10:15	10/04/17 10:51	1
Bromide	ND		0.20	0.073	mg/L			10/02/17 20:49	1
Chloride	**89.8**		0.50	0.28	mg/L			10/02/17 20:49	1
Sulfate	**14.0**		2.0	0.35	mg/L			10/02/17 20:49	1
Total Organic Carbon	**1.2**	**B**	1.0	0.43	mg/L			09/28/17 00:37	1
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		09/28/17 11:38	09/30/17 11:48	1
Total Hardness	**92.0**		4.0	1.1	mg/L			09/28/17 13:10	1
Total Dissolved Solids	**266**		10.0	4.0	mg/L			09/26/17 17:44	1
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			09/26/17 15:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Color	ND		5.00	5.00	Color Units			09/26/17 18:30	1

Client Sample ID: MW-101-5

Date Collected: 09/25/17 12:30
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-4
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			10/02/17 13:55	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/02/17 13:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/02/17 13:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/02/17 13:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/02/17 13:55	1

Client Sample ID: MW-101-5
Date Collected: 09/25/17 12:30
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-4
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/02/17 13:55	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			10/02/17 13:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/02/17 13:55	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/02/17 13:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/02/17 13:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/02/17 13:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/02/17 13:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/02/17 13:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/17 13:55	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/02/17 13:55	1
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			10/02/17 13:55	1
Acetone	**3.8**	**J**	10	3.0	ug/L			10/02/17 13:55	1
Acrylonitrile	ND	*	5.0	0.83	ug/L			10/02/17 13:55	1
Benzene	ND		1.0	0.41	ug/L			10/02/17 13:55	1
Bromochloromethane	ND		1.0	0.87	ug/L			10/02/17 13:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/02/17 13:55	1
Bromoform	ND		1.0	0.26	ug/L			10/02/17 13:55	1
Bromomethane	ND		1.0	0.69	ug/L			10/02/17 13:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/02/17 13:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/02/17 13:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/02/17 13:55	1
Chloroethane	ND		1.0	0.32	ug/L			10/02/17 13:55	1
Chloroform	ND		1.0	0.34	ug/L			10/02/17 13:55	1
Chloromethane	ND		1.0	0.35	ug/L			10/02/17 13:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/02/17 13:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/02/17 13:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/02/17 13:55	1
Dibromomethane	ND		1.0	0.41	ug/L			10/02/17 13:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/02/17 13:55	1
Iodomethane	ND		1.0	0.30	ug/L			10/02/17 13:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/02/17 13:55	1
Styrene	ND		1.0	0.73	ug/L			10/02/17 13:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/02/17 13:55	1
Toluene	ND		1.0	0.51	ug/L			10/02/17 13:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/02/17 13:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/02/17 13:55	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.22	ug/L			10/02/17 13:55	1
Trichloroethene	ND		1.0	0.46	ug/L			10/02/17 13:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/02/17 13:55	1
Vinyl acetate	ND		5.0	0.85	ug/L			10/02/17 13:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/02/17 13:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/02/17 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*10/02/17 13:55*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*10/02/17 13:55*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/02/17 13:55*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*10/02/17 13:55*	*1*

Client Sample ID: MW-101-5

Date Collected: 09/25/17 12:30
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-4

Matrix: Water

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	60.0	ug/L		09/27/17 08:25	09/28/17 01:28	1
Antimony	ND		20.0	6.8	ug/L		09/27/17 08:25	09/28/17 01:28	1
Arsenic	ND		15.0	5.6	ug/L		09/27/17 08:25	09/28/17 01:28	1
Barium	**69.9**		2.0	0.70	ug/L		09/27/17 08:25	09/28/17 01:28	1
Boron	**0.095**		0.020	0.0040	mg/L		09/27/17 08:25	09/28/17 01:28	1
Beryllium	ND		2.0	0.30	ug/L		09/27/17 08:25	09/28/17 01:28	1
Cadmium	ND		2.0	0.50	ug/L		09/27/17 08:25	09/28/17 01:28	1
Calcium	**59000**		500	100	ug/L		09/27/17 08:25	09/28/17 01:28	1
Chromium	ND		4.0	1.0	ug/L		09/27/17 08:25	09/28/17 01:28	1
Cobalt	**4.2**		4.0	0.63	ug/L		09/27/17 08:25	09/28/17 01:28	1
Copper	ND		10.0	1.6	ug/L		09/27/17 08:25	09/28/17 01:28	1
Iron	**41300**		50.0	19.3	ug/L		09/27/17 08:25	09/28/17 01:28	1
Lead	ND		10.0	3.0	ug/L		09/27/17 08:25	09/28/17 01:28	1
Magnesium	**11200**		200	43.4	ug/L		09/27/17 08:25	09/28/17 01:28	1
Manganese	**2450**	**B**	3.0	0.40	ug/L		09/27/17 08:25	09/28/17 01:28	1
Nickel	ND		10.0	1.3	ug/L		09/27/17 08:25	09/28/17 01:28	1
Potassium	**6240**		500	100	ug/L		09/27/17 08:25	09/28/17 01:28	1
Selenium	ND		25.0	8.7	ug/L		09/27/17 08:25	09/28/17 01:28	1
Silver	ND		6.0	1.7	ug/L		09/27/17 08:25	09/28/17 01:28	1
Sodium	**106000**		1000	324	ug/L		09/27/17 08:25	09/28/17 01:28	1
Thallium	ND		20.0	10.2	ug/L		09/27/17 08:25	09/28/17 01:28	1
Vanadium	ND		5.0	1.5	ug/L		09/27/17 08:25	09/28/17 01:28	1
Zinc	**1.6**	**J**	10.0	1.5	ug/L		09/27/17 08:25	09/28/17 01:28	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		09/27/17 13:35	09/27/17 18:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	**226**		30.0	12.0	mg/L			09/27/17 17:41	3
Ammonia as N	**0.69**		0.020	0.0090	mg/L			09/27/17 10:31	1
Total Kjeldahl Nitrogen	**1.1**		0.20	0.15	mg/L		09/28/17 07:37	09/28/17 13:49	1
Nitrate	**0.069**		0.050	0.020	mg/L			09/26/17 20:54	1
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			09/26/17 17:32	1
Chromium, hexavalent	ND		0.010	0.0050	mg/L			09/26/17 10:45	1
Cyanide	ND		0.010	0.0050	mg/L		10/03/17 10:15	10/04/17 10:52	1
Bromide	ND		1.0	0.37	mg/L			10/02/17 22:17	5
Chloride	**167**		2.5	1.4	mg/L			10/02/17 22:17	5
Sulfate	**31.9**		10.0	1.7	mg/L			10/02/17 22:17	5
Total Organic Carbon	**3.6**	**B**	1.0	0.43	mg/L			09/28/17 02:01	1
Phenolics, Total Recoverable	**0.0059**	**J**	0.010	0.0050	mg/L		09/28/17 11:38	09/30/17 11:48	1
Total Hardness	**212**		4.0	1.1	mg/L			09/28/17 13:10	1
Total Dissolved Solids	**545**		10.0	4.0	mg/L			09/26/17 17:44	1
Biochemical Oxygen Demand	**3.6**		2.0	2.0	mg/L			09/26/17 15:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Color	ND		5.00	5.00	Color Units			09/26/17 18:30	1

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Client Sample ID: MW-101-6S
Date Collected: 09/25/17 10:00
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-5
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			10/02/17 14:21	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/02/17 14:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/02/17 14:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/02/17 14:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/02/17 14:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/02/17 14:21	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			10/02/17 14:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/02/17 14:21	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/02/17 14:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/02/17 14:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/02/17 14:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/02/17 14:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/02/17 14:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/17 14:21	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/02/17 14:21	1
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			10/02/17 14:21	1
Acetone	**4.5**	**J**	10	3.0	ug/L			10/02/17 14:21	1
Acrylonitrile	ND	*	5.0	0.83	ug/L			10/02/17 14:21	1
Benzene	ND		1.0	0.41	ug/L			10/02/17 14:21	1
Bromochloromethane	ND		1.0	0.87	ug/L			10/02/17 14:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/02/17 14:21	1
Bromoform	ND		1.0	0.26	ug/L			10/02/17 14:21	1
Bromomethane	ND		1.0	0.69	ug/L			10/02/17 14:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/02/17 14:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/02/17 14:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/02/17 14:21	1
Chloroethane	ND		1.0	0.32	ug/L			10/02/17 14:21	1
Chloroform	ND		1.0	0.34	ug/L			10/02/17 14:21	1
Chloromethane	ND		1.0	0.35	ug/L			10/02/17 14:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/02/17 14:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/02/17 14:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/02/17 14:21	1
Dibromomethane	ND		1.0	0.41	ug/L			10/02/17 14:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/02/17 14:21	1
Iodomethane	ND		1.0	0.30	ug/L			10/02/17 14:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/02/17 14:21	1
Styrene	ND		1.0	0.73	ug/L			10/02/17 14:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/02/17 14:21	1
Toluene	ND		1.0	0.51	ug/L			10/02/17 14:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/02/17 14:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/02/17 14:21	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.22	ug/L			10/02/17 14:21	1
Trichloroethene	ND		1.0	0.46	ug/L			10/02/17 14:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/02/17 14:21	1
Vinyl acetate	ND		5.0	0.85	ug/L			10/02/17 14:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/02/17 14:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/02/17 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*10/02/17 14:21*	*1*

Client Sample ID: MW-101-6S

Date Collected: 09/25/17 10:00
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*10/02/17 14:21*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/02/17 14:21*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*10/02/17 14:21*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5290**		200	60.0	ug/L		09/27/17 08:25	09/28/17 01:32	1
Antimony	ND		20.0	6.8	ug/L		09/27/17 08:25	09/28/17 01:32	1
Arsenic	ND		15.0	5.6	ug/L		09/27/17 08:25	09/28/17 01:32	1
Barium	**29.5**		2.0	0.70	ug/L		09/27/17 08:25	09/28/17 01:32	1
Boron	**0.0092**	**J**	0.020	0.0040	mg/L		09/27/17 08:25	09/28/17 01:32	1
Beryllium	ND		2.0	0.30	ug/L		09/27/17 08:25	09/28/17 01:32	1
Cadmium	ND		2.0	0.50	ug/L		09/27/17 08:25	09/28/17 01:32	1
Calcium	**16900**		500	100	ug/L		09/27/17 08:25	09/28/17 01:32	1
Chromium	**3.4**	**J**	4.0	1.0	ug/L		09/27/17 08:25	09/28/17 01:32	1
Cobalt	**0.84**	**J**	4.0	0.63	ug/L		09/27/17 08:25	09/28/17 01:32	1
Copper	**1.6**	**J**	10.0	1.6	ug/L		09/27/17 08:25	09/28/17 01:32	1
Iron	**2610**		50.0	19.3	ug/L		09/27/17 08:25	09/28/17 01:32	1
Lead	ND		10.0	3.0	ug/L		09/27/17 08:25	09/28/17 01:32	1
Magnesium	**2970**		200	43.4	ug/L		09/27/17 08:25	09/28/17 01:32	1
Manganese	**81.8**	**B**	3.0	0.40	ug/L		09/27/17 08:25	09/28/17 01:32	1
Nickel	**3.4**	**J**	10.0	1.3	ug/L		09/27/17 08:25	09/28/17 01:32	1
Potassium	**1070**		500	100	ug/L		09/27/17 08:25	09/28/17 01:32	1
Selenium	ND		25.0	8.7	ug/L		09/27/17 08:25	09/28/17 01:32	1
Silver	ND		6.0	1.7	ug/L		09/27/17 08:25	09/28/17 01:32	1
Sodium	**23700**		1000	324	ug/L		09/27/17 08:25	09/28/17 01:32	1
Thallium	ND		20.0	10.2	ug/L		09/27/17 08:25	09/28/17 01:32	1
Vanadium	**5.7**		5.0	1.5	ug/L		09/27/17 08:25	09/28/17 01:32	1
Zinc	**5.3**	**J**	10.0	1.5	ug/L		09/27/17 08:25	09/28/17 01:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		09/27/17 13:35	09/27/17 18:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	**32.5**		10.0	4.0	mg/L			09/27/17 16:38	1
Ammonia as N	ND		0.020	0.0090	mg/L			09/27/17 10:31	1
Total Kjeldahl Nitrogen	**0.27**		0.20	0.15	mg/L		09/28/17 07:37	09/28/17 13:49	1
Nitrate	**4.6**		0.050	0.020	mg/L			09/26/17 20:55	1
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			09/26/17 17:32	1
Chromium, hexavalent	ND	H	0.010	0.0050	mg/L			09/26/17 10:45	1
Cyanide	ND		0.010	0.0050	mg/L		10/03/17 10:15	10/04/17 10:54	1
Bromide	ND		0.20	0.073	mg/L			10/02/17 22:31	1
Chloride	**35.7**		0.50	0.28	mg/L			10/02/17 22:31	1
Sulfate	**20.7**		2.0	0.35	mg/L			10/02/17 22:31	1
Total Organic Carbon	**0.92**	**J B**	1.0	0.43	mg/L			09/28/17 02:29	1
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		09/28/17 11:38	09/30/17 11:48	1
Total Hardness	**52.0**		4.0	1.1	mg/L			09/28/17 13:10	1
Total Dissolved Solids	**128**		10.0	4.0	mg/L			09/26/17 17:44	1

Client Sample ID: MW-101-6S

Date Collected: 09/25/17 10:00
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-5
Matrix: Water

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			09/26/17 15:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Color	**10.0**		5.00	5.00	Color Units			09/26/17 18:30	1

Client Sample ID: MW-101-6I

Date Collected: 09/25/17 10:15
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			10/02/17 14:46	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/02/17 14:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/02/17 14:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/02/17 14:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/02/17 14:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/02/17 14:46	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			10/02/17 14:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/02/17 14:46	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/02/17 14:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/02/17 14:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/02/17 14:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/02/17 14:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/02/17 14:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/17 14:46	1
2-Hexanone	ND	* F1	5.0	1.2	ug/L			10/02/17 14:46	1
4-Methyl-2-pentanone (MIBK)	ND	F1 *	5.0	2.1	ug/L			10/02/17 14:46	1
Acetone	**3.0**	**J**	10	3.0	ug/L			10/02/17 14:46	1
Acrylonitrile	ND	F1 *	5.0	0.83	ug/L			10/02/17 14:46	1
Benzene	ND		1.0	0.41	ug/L			10/02/17 14:46	1
Bromochloromethane	ND		1.0	0.87	ug/L			10/02/17 14:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/02/17 14:46	1
Bromoform	ND		1.0	0.26	ug/L			10/02/17 14:46	1
Bromomethane	ND		1.0	0.69	ug/L			10/02/17 14:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/02/17 14:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/02/17 14:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/02/17 14:46	1
Chloroethane	ND		1.0	0.32	ug/L			10/02/17 14:46	1
Chloroform	ND		1.0	0.34	ug/L			10/02/17 14:46	1
Chloromethane	ND	F1	1.0	0.35	ug/L			10/02/17 14:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/02/17 14:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/02/17 14:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/02/17 14:46	1
Dibromomethane	ND		1.0	0.41	ug/L			10/02/17 14:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/02/17 14:46	1
Iodomethane	ND		1.0	0.30	ug/L			10/02/17 14:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/02/17 14:46	1
Styrene	ND		1.0	0.73	ug/L			10/02/17 14:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/02/17 14:46	1
Toluene	ND		1.0	0.51	ug/L			10/02/17 14:46	1

Client Sample ID: MW-101-6I

Date Collected: 09/25/17 10:15
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/02/17 14:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/02/17 14:46	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.22	ug/L			10/02/17 14:46	1
Trichloroethene	ND		1.0	0.46	ug/L			10/02/17 14:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/02/17 14:46	1
Vinyl acetate	ND		5.0	0.85	ug/L			10/02/17 14:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/02/17 14:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/02/17 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*10/02/17 14:46*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*10/02/17 14:46*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/02/17 14:46*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*10/02/17 14:46*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	60.0	ug/L		09/27/17 08:25	09/28/17 01:35	1
Antimony	ND		20.0	6.8	ug/L		09/27/17 08:25	09/28/17 01:35	1
Arsenic	ND		15.0	5.6	ug/L		09/27/17 08:25	09/28/17 01:35	1
Barium	**4.1**		2.0	0.70	ug/L		09/27/17 08:25	09/28/17 01:35	1
Boron	**0.010**	**J**	0.020	0.0040	mg/L		09/27/17 08:25	09/28/17 01:35	1
Beryllium	ND		2.0	0.30	ug/L		09/27/17 08:25	09/28/17 01:35	1
Cadmium	ND		2.0	0.50	ug/L		09/27/17 08:25	09/28/17 01:35	1
Calcium	**17700**		500	100	ug/L		09/27/17 08:25	09/28/17 01:35	1
Chromium	ND		4.0	1.0	ug/L		09/27/17 08:25	09/28/17 01:35	1
Cobalt	ND		4.0	0.63	ug/L		09/27/17 08:25	09/28/17 01:35	1
Copper	**22.6**		10.0	1.6	ug/L		09/27/17 08:25	09/28/17 01:35	1
Iron	**52.7**		50.0	19.3	ug/L		09/27/17 08:25	09/28/17 01:35	1
Lead	ND		10.0	3.0	ug/L		09/27/17 08:25	09/28/17 01:35	1
Magnesium	**3720**		200	43.4	ug/L		09/27/17 08:25	09/28/17 01:35	1
Manganese	**1.1**	**J B**	3.0	0.40	ug/L		09/27/17 08:25	09/28/17 01:35	1
Nickel	ND		10.0	1.3	ug/L		09/27/17 08:25	09/28/17 01:35	1
Potassium	**603**		500	100	ug/L		09/27/17 08:25	09/28/17 01:35	1
Selenium	ND		25.0	8.7	ug/L		09/27/17 08:25	09/28/17 01:35	1
Silver	ND		6.0	1.7	ug/L		09/27/17 08:25	09/28/17 01:35	1
Sodium	**9320**		1000	324	ug/L		09/27/17 08:25	09/28/17 01:35	1
Thallium	ND		20.0	10.2	ug/L		09/27/17 08:25	09/28/17 01:35	1
Vanadium	ND		5.0	1.5	ug/L		09/27/17 08:25	09/28/17 01:35	1
Zinc	**13.3**		10.0	1.5	ug/L		09/27/17 08:25	09/28/17 01:35	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		09/27/17 13:35	09/27/17 18:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	**52.1**		10.0	4.0	mg/L			09/27/17 16:29	1
Ammonia as N	ND	F1	0.020	0.0090	mg/L			09/27/17 10:43	1
Total Kjeldahl Nitrogen	ND	F1	0.20	0.15	mg/L		09/28/17 07:37	09/28/17 13:49	1

Client Sample ID: MW-101-6I

Date Collected: 09/25/17 10:15
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-6

Matrix: Water

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	**1.6**		0.050	0.020	mg/L			09/26/17 20:56	1
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			09/26/17 17:32	1
Chromium, hexavalent	ND	H	0.010	0.0050	mg/L			09/26/17 10:45	1
Cyanide	ND	F1 F2	0.010	0.0050	mg/L		10/04/17 04:30	10/04/17 12:10	1
Bromide	ND		0.20	0.073	mg/L			10/04/17 11:00	1
Chloride	**16.5**		0.50	0.28	mg/L			10/04/17 11:00	1
Sulfate	**9.2**		2.0	0.35	mg/L			10/04/17 11:00	1
Total Organic Carbon	**0.63**	**J B**	1.0	0.43	mg/L			09/28/17 02:57	1
Phenolics, Total Recoverable	ND	F1	0.010	0.0050	mg/L		09/27/17 09:44	09/27/17 16:01	1
Total Hardness	**60.0**		4.0	1.1	mg/L			09/28/17 13:10	1
Total Dissolved Solids	**87.0**		10.0	4.0	mg/L			09/26/17 17:57	1
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			09/26/17 15:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Color	ND		5.00	5.00	Color Units			09/26/17 18:30	1

Client Sample ID: MW-101-7S

Date Collected: 09/25/17 11:15
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			10/02/17 15:11	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/02/17 15:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/02/17 15:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/02/17 15:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/02/17 15:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/02/17 15:11	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			10/02/17 15:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/02/17 15:11	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/02/17 15:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/02/17 15:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/02/17 15:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/02/17 15:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/02/17 15:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/17 15:11	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/02/17 15:11	1
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			10/02/17 15:11	1
Acetone	ND		10	3.0	ug/L			10/02/17 15:11	1
Acrylonitrile	ND	*	5.0	0.83	ug/L			10/02/17 15:11	1
Benzene	ND		1.0	0.41	ug/L			10/02/17 15:11	1
Bromochloromethane	ND		1.0	0.87	ug/L			10/02/17 15:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/02/17 15:11	1
Bromoform	ND		1.0	0.26	ug/L			10/02/17 15:11	1
Bromomethane	ND		1.0	0.69	ug/L			10/02/17 15:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/02/17 15:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/02/17 15:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/02/17 15:11	1
Chloroethane	ND		1.0	0.32	ug/L			10/02/17 15:11	1
Chloroform	ND		1.0	0.34	ug/L			10/02/17 15:11	1

Client Sample ID: MW-101-7S
Date Collected: 09/25/17 11:15
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-7
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			10/02/17 15:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/02/17 15:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/02/17 15:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/02/17 15:11	1
Dibromomethane	ND		1.0	0.41	ug/L			10/02/17 15:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/02/17 15:11	1
Iodomethane	ND		1.0	0.30	ug/L			10/02/17 15:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/02/17 15:11	1
Styrene	ND		1.0	0.73	ug/L			10/02/17 15:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/02/17 15:11	1
Toluene	ND		1.0	0.51	ug/L			10/02/17 15:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/02/17 15:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/02/17 15:11	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.22	ug/L			10/02/17 15:11	1
Trichloroethene	ND		1.0	0.46	ug/L			10/02/17 15:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/02/17 15:11	1
Vinyl acetate	ND		5.0	0.85	ug/L			10/02/17 15:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/02/17 15:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/02/17 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*10/02/17 15:11*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*10/02/17 15:11*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/02/17 15:11*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*10/02/17 15:11*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**73.8**	**J**	200	60.0	ug/L		09/27/17 08:25	09/28/17 01:56	1
Antimony	ND		20.0	6.8	ug/L		09/27/17 08:25	09/28/17 01:56	1
Arsenic	ND		15.0	5.6	ug/L		09/27/17 08:25	09/28/17 01:56	1
Barium	**92.0**		2.0	0.70	ug/L		09/27/17 08:25	09/28/17 01:56	1
Boron	**0.15**		0.020	0.0040	mg/L		09/27/17 08:25	09/28/17 01:56	1
Beryllium	ND		2.0	0.30	ug/L		09/27/17 08:25	09/28/17 01:56	1
Cadmium	ND		2.0	0.50	ug/L		09/27/17 08:25	09/28/17 01:56	1
Calcium	**49500**		500	100	ug/L		09/27/17 08:25	09/28/17 01:56	1
Chromium	ND		4.0	1.0	ug/L		09/27/17 08:25	09/28/17 01:56	1
Cobalt	**2.4**	**J**	4.0	0.63	ug/L		09/27/17 08:25	09/28/17 01:56	1
Copper	ND		10.0	1.6	ug/L		09/27/17 08:25	09/28/17 01:56	1
Iron	**30600**		50.0	19.3	ug/L		09/27/17 08:25	09/28/17 01:56	1
Lead	ND		10.0	3.0	ug/L		09/27/17 08:25	09/28/17 01:56	1
Magnesium	**13200**		200	43.4	ug/L		09/27/17 08:25	09/28/17 01:56	1
Manganese	**558**	**B**	3.0	0.40	ug/L		09/27/17 08:25	09/28/17 01:56	1
Nickel	**1.4**	**J**	10.0	1.3	ug/L		09/27/17 08:25	09/28/17 01:56	1
Potassium	**8500**		500	100	ug/L		09/27/17 08:25	09/28/17 01:56	1
Selenium	ND		25.0	8.7	ug/L		09/27/17 08:25	09/28/17 01:56	1
Silver	ND		6.0	1.7	ug/L		09/27/17 08:25	09/28/17 01:56	1
Sodium	**94200**		1000	324	ug/L		09/27/17 08:25	09/28/17 01:56	1
Thallium	ND		20.0	10.2	ug/L		09/27/17 08:25	09/28/17 01:56	1
Vanadium	ND		5.0	1.5	ug/L		09/27/17 08:25	09/28/17 01:56	1

Client Sample ID: MW-101-7S

Lab Sample ID: 480-124782-7
Date Collected: 09/25/17 11:15
Matrix: Water
Date Received: 09/26/17 09:45

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		10.0	1.5	ug/L		09/27/17 08:25	09/28/17 01:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		09/27/17 13:35	09/27/17 18:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	**167**		20.0	8.0	mg/L			09/27/17 17:41	2
Ammonia as N	**1.1**		0.020	0.0090	mg/L			09/27/17 10:32	1
Total Kjeldahl Nitrogen	**1.6**		0.20	0.15	mg/L		09/28/17 07:37	09/28/17 13:49	1
Nitrate	**0.057**		0.050	0.020	mg/L			09/26/17 21:00	1
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			09/26/17 17:32	1
Chromium, hexavalent	ND		0.010	0.0050	mg/L			09/26/17 10:45	1
Cyanide	ND		0.010	0.0050	mg/L		10/04/17 04:30	10/04/17 12:14	1
Bromide	ND		1.0	0.37	mg/L			10/02/17 22:46	5
Chloride	**167**		2.5	1.4	mg/L			10/02/17 22:46	5
Sulfate	**33.0**		10.0	1.7	mg/L			10/02/17 22:46	5
Total Organic Carbon	**2.6**	**B**	1.0	0.43	mg/L			09/28/17 04:20	1
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		09/28/17 11:38	09/30/17 11:48	1
Total Hardness	**188**		4.0	1.1	mg/L			09/28/17 13:10	1
Total Dissolved Solids	**449**		10.0	4.0	mg/L			09/26/17 17:57	1
Biochemical Oxygen Demand	**2.1**		2.0	2.0	mg/L			09/26/17 15:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Color	ND		5.00	5.00	Color Units			09/26/17 18:30	1

Client Sample ID: MW-101-7I

Lab Sample ID: 480-124782-8
Date Collected: 09/25/17 11:40
Matrix: Water
Date Received: 09/26/17 09:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			10/02/17 15:37	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/02/17 15:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/02/17 15:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/02/17 15:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/02/17 15:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/02/17 15:37	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			10/02/17 15:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/02/17 15:37	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/02/17 15:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/02/17 15:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/02/17 15:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/02/17 15:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/02/17 15:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/17 15:37	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/02/17 15:37	1
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			10/02/17 15:37	1
Acetone	**3.7**	**J**	10	3.0	ug/L			10/02/17 15:37	1
Acrylonitrile	ND	*	5.0	0.83	ug/L			10/02/17 15:37	1

Client Sample ID: MW-101-7I
Date Collected: 09/25/17 11:40
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-8
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			10/02/17 15:37	1
Bromochloromethane	ND		1.0	0.87	ug/L			10/02/17 15:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/02/17 15:37	1
Bromoform	ND		1.0	0.26	ug/L			10/02/17 15:37	1
Bromomethane	ND		1.0	0.69	ug/L			10/02/17 15:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/02/17 15:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/02/17 15:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/02/17 15:37	1
Chloroethane	ND		1.0	0.32	ug/L			10/02/17 15:37	1
Chloroform	ND		1.0	0.34	ug/L			10/02/17 15:37	1
Chloromethane	ND		1.0	0.35	ug/L			10/02/17 15:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/02/17 15:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/02/17 15:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/02/17 15:37	1
Dibromomethane	ND		1.0	0.41	ug/L			10/02/17 15:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/02/17 15:37	1
Iodomethane	ND		1.0	0.30	ug/L			10/02/17 15:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/02/17 15:37	1
Styrene	ND		1.0	0.73	ug/L			10/02/17 15:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/02/17 15:37	1
Toluene	ND		1.0	0.51	ug/L			10/02/17 15:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/02/17 15:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/02/17 15:37	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.22	ug/L			10/02/17 15:37	1
Trichloroethene	ND		1.0	0.46	ug/L			10/02/17 15:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/02/17 15:37	1
Vinyl acetate	ND		5.0	0.85	ug/L			10/02/17 15:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/02/17 15:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/02/17 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*10/02/17 15:37*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*10/02/17 15:37*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/02/17 15:37*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*10/02/17 15:37*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	60.0	ug/L		09/27/17 08:25	09/28/17 02:00	1
Antimony	ND		20.0	6.8	ug/L		09/27/17 08:25	09/28/17 02:00	1
Arsenic	ND		15.0	5.6	ug/L		09/27/17 08:25	09/28/17 02:00	1
Barium	**22.7**		2.0	0.70	ug/L		09/27/17 08:25	09/28/17 02:00	1
Boron	**0.036**		0.020	0.0040	mg/L		09/27/17 08:25	09/28/17 02:00	1
Beryllium	ND		2.0	0.30	ug/L		09/27/17 08:25	09/28/17 02:00	1
Cadmium	ND		2.0	0.50	ug/L		09/27/17 08:25	09/28/17 02:00	1
Calcium	**45700**		500	100	ug/L		09/27/17 08:25	09/28/17 02:00	1
Chromium	ND		4.0	1.0	ug/L		09/27/17 08:25	09/28/17 02:00	1
Cobalt	**1.4**	**J**	4.0	0.63	ug/L		09/27/17 08:25	09/28/17 02:00	1
Copper	ND		10.0	1.6	ug/L		09/27/17 08:25	09/28/17 02:00	1
Iron	**2980**		50.0	19.3	ug/L		09/27/17 08:25	09/28/17 02:00	1

Client Sample ID: MW-101-7I

Date Collected: 09/25/17 11:40
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-8
Matrix: Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		10.0	3.0	ug/L		09/27/17 08:25	09/28/17 02:00	1
Magnesium	**7750**		200	43.4	ug/L		09/27/17 08:25	09/28/17 02:00	1
Manganese	**1210**	**B**	3.0	0.40	ug/L		09/27/17 08:25	09/28/17 02:00	1
Nickel	ND		10.0	1.3	ug/L		09/27/17 08:25	09/28/17 02:00	1
Potassium	**5850**		500	100	ug/L		09/27/17 08:25	09/28/17 02:00	1
Selenium	ND		25.0	8.7	ug/L		09/27/17 08:25	09/28/17 02:00	1
Silver	ND		6.0	1.7	ug/L		09/27/17 08:25	09/28/17 02:00	1
Sodium	**44100**		1000	324	ug/L		09/27/17 08:25	09/28/17 02:00	1
Thallium	ND		20.0	10.2	ug/L		09/27/17 08:25	09/28/17 02:00	1
Vanadium	ND		5.0	1.5	ug/L		09/27/17 08:25	09/28/17 02:00	1
Zinc	**4.3**	**J**	10.0	1.5	ug/L		09/27/17 08:25	09/28/17 02:00	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		09/27/17 13:35	09/27/17 18:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	**94.5**		10.0	4.0	mg/L			09/27/17 16:39	1
Ammonia as N	**0.32**	**F1**	0.020	0.0090	mg/L			09/27/17 10:33	1
Total Kjeldahl Nitrogen	**0.60**		0.20	0.15	mg/L		09/28/17 07:37	09/28/17 13:49	1
Nitrate	**0.14**		0.050	0.020	mg/L			09/26/17 21:03	1
Chemical Oxygen Demand	**5.4**	**J**	10.0	5.0	mg/L			09/26/17 17:32	1
Chromium, hexavalent	ND		0.010	0.0050	mg/L			09/26/17 10:45	1
Cyanide	ND		0.010	0.0050	mg/L		10/04/17 04:30	10/04/17 12:16	1
Bromide	ND		0.40	0.15	mg/L			10/02/17 23:00	2
Chloride	**118**		1.0	0.56	mg/L			10/02/17 23:00	2
Sulfate	**17.0**		4.0	0.70	mg/L			10/02/17 23:00	2
Total Organic Carbon	**1.7**	**B**	1.0	0.43	mg/L			09/28/17 05:16	1
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		09/28/17 11:38	09/30/17 11:48	1
Total Hardness	**144**		4.0	1.1	mg/L			09/28/17 13:10	1
Total Dissolved Solids	**303**		10.0	4.0	mg/L			09/26/17 17:57	1
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			09/26/17 15:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Color	**10.0**		5.00	5.00	Color Units			09/26/17 18:30	1

Client Sample ID: MW-101-8S(R)

Date Collected: 09/25/17 14:45
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-9
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			10/02/17 16:02	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/02/17 16:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/02/17 16:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/02/17 16:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/02/17 16:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/02/17 16:02	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			10/02/17 16:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/02/17 16:02	1

Client Sample ID: MW-101-8S(R)

Date Collected: 09/25/17 14:45
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-9

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/02/17 16:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/02/17 16:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/02/17 16:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/02/17 16:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/02/17 16:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/17 16:02	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/02/17 16:02	1
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			10/02/17 16:02	1
Acetone	ND		10	3.0	ug/L			10/02/17 16:02	1
Acrylonitrile	ND	*	5.0	0.83	ug/L			10/02/17 16:02	1
Benzene	ND		1.0	0.41	ug/L			10/02/17 16:02	1
Bromochloromethane	ND		1.0	0.87	ug/L			10/02/17 16:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/02/17 16:02	1
Bromoform	ND		1.0	0.26	ug/L			10/02/17 16:02	1
Bromomethane	ND		1.0	0.69	ug/L			10/02/17 16:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/02/17 16:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/02/17 16:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/02/17 16:02	1
Chloroethane	ND		1.0	0.32	ug/L			10/02/17 16:02	1
Chloroform	ND		1.0	0.34	ug/L			10/02/17 16:02	1
Chloromethane	ND		1.0	0.35	ug/L			10/02/17 16:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/02/17 16:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/02/17 16:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/02/17 16:02	1
Dibromomethane	ND		1.0	0.41	ug/L			10/02/17 16:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/02/17 16:02	1
Iodomethane	ND		1.0	0.30	ug/L			10/02/17 16:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/02/17 16:02	1
Styrene	ND		1.0	0.73	ug/L			10/02/17 16:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/02/17 16:02	1
Toluene	ND		1.0	0.51	ug/L			10/02/17 16:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/02/17 16:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/02/17 16:02	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.22	ug/L			10/02/17 16:02	1
Trichloroethene	ND		1.0	0.46	ug/L			10/02/17 16:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/02/17 16:02	1
Vinyl acetate	ND		5.0	0.85	ug/L			10/02/17 16:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/02/17 16:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/02/17 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*10/02/17 16:02*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*10/02/17 16:02*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/02/17 16:02*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*10/02/17 16:02*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2010**		200	60.0	ug/L		09/27/17 08:25	09/28/17 02:03	1
Antimony	ND		20.0	6.8	ug/L		09/27/17 08:25	09/28/17 02:03	1

Client Sample ID: MW-101-8S(R)

Date Collected: 09/25/17 14:45
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-9

Matrix: Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15.0	5.6	ug/L		09/27/17 08:25	09/28/17 02:03	1
Barium	**20.7**		2.0	0.70	ug/L		09/27/17 08:25	09/28/17 02:03	1
Boron	**0.013**	**J**	0.020	0.0040	mg/L		09/27/17 08:25	09/28/17 02:03	1
Beryllium	ND		2.0	0.30	ug/L		09/27/17 08:25	09/28/17 02:03	1
Cadmium	ND		2.0	0.50	ug/L		09/27/17 08:25	09/28/17 02:03	1
Calcium	**48900**		500	100	ug/L		09/27/17 08:25	09/28/17 02:03	1
Chromium	ND		4.0	1.0	ug/L		09/27/17 08:25	09/28/17 02:03	1
Cobalt	**1.2**	**J**	4.0	0.63	ug/L		09/27/17 08:25	09/28/17 02:03	1
Copper	ND		10.0	1.6	ug/L		09/27/17 08:25	09/28/17 02:03	1
Iron	**1470**		50.0	19.3	ug/L		09/27/17 08:25	09/28/17 02:03	1
Lead	ND		10.0	3.0	ug/L		09/27/17 08:25	09/28/17 02:03	1
Magnesium	**6060**		200	43.4	ug/L		09/27/17 08:25	09/28/17 02:03	1
Manganese	**63.0**	**B**	3.0	0.40	ug/L		09/27/17 08:25	09/28/17 02:03	1
Nickel	ND		10.0	1.3	ug/L		09/27/17 08:25	09/28/17 02:03	1
Potassium	**1830**		500	100	ug/L		09/27/17 08:25	09/28/17 02:03	1
Selenium	ND		25.0	8.7	ug/L		09/27/17 08:25	09/28/17 02:03	1
Silver	ND		6.0	1.7	ug/L		09/27/17 08:25	09/28/17 02:03	1
Sodium	**6660**		1000	324	ug/L		09/27/17 08:25	09/28/17 02:03	1
Thallium	ND		20.0	10.2	ug/L		09/27/17 08:25	09/28/17 02:03	1
Vanadium	**2.9**	**J**	5.0	1.5	ug/L		09/27/17 08:25	09/28/17 02:03	1
Zinc	**3.8**	**J**	10.0	1.5	ug/L		09/27/17 08:25	09/28/17 02:03	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		09/27/17 13:35	09/27/17 18:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	**124**		20.0	8.0	mg/L			09/27/17 17:43	2
Ammonia as N	ND		0.020	0.0090	mg/L			09/27/17 10:37	1
Total Kjeldahl Nitrogen	ND		0.20	0.15	mg/L		09/28/17 07:37	09/28/17 13:49	1
Nitrate	**5.9**		0.050	0.020	mg/L			09/26/17 21:04	1
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			09/26/17 17:32	1
Chromium, hexavalent	ND		0.010	0.0050	mg/L			09/26/17 10:45	1
Cyanide	ND		0.010	0.0050	mg/L		10/04/17 04:30	10/04/17 12:17	1
Bromide	ND		0.20	0.073	mg/L			10/02/17 23:15	1
Chloride	**2.7**		0.50	0.28	mg/L			10/02/17 23:15	1
Sulfate	**36.8**		2.0	0.35	mg/L			10/02/17 23:15	1
Total Organic Carbon	**1.4**	**B**	1.0	0.43	mg/L			09/28/17 05:43	1
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		09/28/17 11:38	09/30/17 11:48	1
Total Hardness	**156**		4.0	1.1	mg/L			09/28/17 13:10	1
Total Dissolved Solids	**163**		10.0	4.0	mg/L			09/26/17 17:57	1
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			09/26/17 15:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Color	**5.00**		5.00	5.00	Color Units			09/26/17 18:30	1

Client Sample ID: MW-101-8I(R)

Date Collected: 09/25/17 14:30
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-10

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			10/02/17 16:27	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/02/17 16:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/02/17 16:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/02/17 16:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/02/17 16:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/02/17 16:27	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			10/02/17 16:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/02/17 16:27	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/02/17 16:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/02/17 16:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/02/17 16:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/02/17 16:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/02/17 16:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/17 16:27	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/02/17 16:27	1
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			10/02/17 16:27	1
Acetone	**3.7**	**J**	10	3.0	ug/L			10/02/17 16:27	1
Acrylonitrile	ND	*	5.0	0.83	ug/L			10/02/17 16:27	1
Benzene	ND		1.0	0.41	ug/L			10/02/17 16:27	1
Bromochloromethane	ND		1.0	0.87	ug/L			10/02/17 16:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/02/17 16:27	1
Bromoform	ND		1.0	0.26	ug/L			10/02/17 16:27	1
Bromomethane	ND		1.0	0.69	ug/L			10/02/17 16:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/02/17 16:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/02/17 16:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/02/17 16:27	1
Chloroethane	ND		1.0	0.32	ug/L			10/02/17 16:27	1
Chloroform	ND		1.0	0.34	ug/L			10/02/17 16:27	1
Chloromethane	ND		1.0	0.35	ug/L			10/02/17 16:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/02/17 16:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/02/17 16:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/02/17 16:27	1
Dibromomethane	ND		1.0	0.41	ug/L			10/02/17 16:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/02/17 16:27	1
Iodomethane	ND		1.0	0.30	ug/L			10/02/17 16:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/02/17 16:27	1
Styrene	ND		1.0	0.73	ug/L			10/02/17 16:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/02/17 16:27	1
Toluene	ND		1.0	0.51	ug/L			10/02/17 16:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/02/17 16:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/02/17 16:27	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.22	ug/L			10/02/17 16:27	1
Trichloroethene	ND		1.0	0.46	ug/L			10/02/17 16:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/02/17 16:27	1
Vinyl acetate	ND		5.0	0.85	ug/L			10/02/17 16:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/02/17 16:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/02/17 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*10/02/17 16:27*	*1*

Client Sample ID: MW-101-8I(R)

Date Collected: 09/25/17 14:30
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-10

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/02/17 16:27*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/02/17 16:27*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*10/02/17 16:27*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**173**	**J**	200	60.0	ug/L		09/27/17 08:25	09/28/17 02:06	1
Antimony	ND		20.0	6.8	ug/L		09/27/17 08:25	09/28/17 02:06	1
Arsenic	ND		15.0	5.6	ug/L		09/27/17 08:25	09/28/17 02:06	1
Barium	**54.0**		2.0	0.70	ug/L		09/27/17 08:25	09/28/17 02:06	1
Boron	**0.035**		0.020	0.0040	mg/L		09/27/17 08:25	09/28/17 02:06	1
Beryllium	ND		2.0	0.30	ug/L		09/27/17 08:25	09/28/17 02:06	1
Cadmium	**0.65**	**J**	2.0	0.50	ug/L		09/27/17 08:25	09/28/17 02:06	1
Calcium	**60500**		500	100	ug/L		09/27/17 08:25	09/28/17 02:06	1
Chromium	ND		4.0	1.0	ug/L		09/27/17 08:25	09/28/17 02:06	1
Cobalt	**5.5**		4.0	0.63	ug/L		09/27/17 08:25	09/28/17 02:06	1
Copper	ND		10.0	1.6	ug/L		09/27/17 08:25	09/28/17 02:06	1
Iron	**4330**		50.0	19.3	ug/L		09/27/17 08:25	09/28/17 02:06	1
Lead	ND		10.0	3.0	ug/L		09/27/17 08:25	09/28/17 02:06	1
Magnesium	**10300**		200	43.4	ug/L		09/27/17 08:25	09/28/17 02:06	1
Manganese	**10200**	**B**	3.0	0.40	ug/L		09/27/17 08:25	09/28/17 02:06	1
Nickel	**2.7**	**J**	10.0	1.3	ug/L		09/27/17 08:25	09/28/17 02:06	1
Potassium	**2600**		500	100	ug/L		09/27/17 08:25	09/28/17 02:06	1
Selenium	ND		25.0	8.7	ug/L		09/27/17 08:25	09/28/17 02:06	1
Silver	ND		6.0	1.7	ug/L		09/27/17 08:25	09/28/17 02:06	1
Sodium	**21900**		1000	324	ug/L		09/27/17 08:25	09/28/17 02:06	1
Thallium	ND		20.0	10.2	ug/L		09/27/17 08:25	09/28/17 02:06	1
Vanadium	ND		5.0	1.5	ug/L		09/27/17 08:25	09/28/17 02:06	1
Zinc	**3.6**	**J**	10.0	1.5	ug/L		09/27/17 08:25	09/28/17 02:06	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		09/27/17 13:35	09/27/17 18:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	**218**		30.0	12.0	mg/L			09/27/17 19:50	3
Ammonia as N	**0.13**		0.020	0.0090	mg/L			09/27/17 10:37	1
Total Kjeldahl Nitrogen	**0.37**		0.20	0.15	mg/L		09/28/17 07:37	09/28/17 13:57	1
Nitrate	ND		0.050	0.020	mg/L			09/26/17 18:30	1
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			09/26/17 17:32	1
Chromium, hexavalent	ND		0.010	0.0050	mg/L			09/26/17 10:45	1
Cyanide	ND		0.010	0.0050	mg/L		10/04/17 04:30	10/04/17 12:18	1
Bromide	ND		0.40	0.15	mg/L			10/02/17 23:30	2
Chloride	**29.4**		1.0	0.56	mg/L			10/02/17 23:30	2
Sulfate	**3.4**	**J**	4.0	0.70	mg/L			10/02/17 23:30	2
Total Organic Carbon	**2.9**	**B**	1.0	0.43	mg/L			09/28/17 06:11	1
Phenolics, Total Recoverable	**0.0065**	**J F1**	0.010	0.0050	mg/L		09/28/17 11:40	09/30/17 13:00	1
Total Hardness	**336**		4.0	1.1	mg/L			09/28/17 13:10	1
Total Dissolved Solids	**255**		10.0	4.0	mg/L			09/26/17 17:57	1

Client Sample ID: MW-101-8I(R)

Date Collected: 09/25/17 14:30
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-10
Matrix: Water

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			09/26/17 15:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Color	ND		5.00	5.00	Color Units			09/26/17 18:30	1

Client Sample ID: MW-101-10S(R)

Date Collected: 09/25/17 15:20
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-11
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			10/02/17 16:53	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/02/17 16:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/02/17 16:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/02/17 16:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/02/17 16:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/02/17 16:53	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			10/02/17 16:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/02/17 16:53	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/02/17 16:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/02/17 16:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/02/17 16:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/02/17 16:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/02/17 16:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/17 16:53	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/02/17 16:53	1
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			10/02/17 16:53	1
Acetone	ND		10	3.0	ug/L			10/02/17 16:53	1
Acrylonitrile	ND	*	5.0	0.83	ug/L			10/02/17 16:53	1
Benzene	ND		1.0	0.41	ug/L			10/02/17 16:53	1
Bromochloromethane	ND		1.0	0.87	ug/L			10/02/17 16:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/02/17 16:53	1
Bromoform	ND		1.0	0.26	ug/L			10/02/17 16:53	1
Bromomethane	ND		1.0	0.69	ug/L			10/02/17 16:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/02/17 16:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/02/17 16:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/02/17 16:53	1
Chloroethane	ND		1.0	0.32	ug/L			10/02/17 16:53	1
Chloroform	ND		1.0	0.34	ug/L			10/02/17 16:53	1
Chloromethane	ND		1.0	0.35	ug/L			10/02/17 16:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/02/17 16:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/02/17 16:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/02/17 16:53	1
Dibromomethane	ND		1.0	0.41	ug/L			10/02/17 16:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/02/17 16:53	1
Iodomethane	ND		1.0	0.30	ug/L			10/02/17 16:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/02/17 16:53	1
Styrene	ND		1.0	0.73	ug/L			10/02/17 16:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/02/17 16:53	1
Toluene	ND		1.0	0.51	ug/L			10/02/17 16:53	1

Client Sample ID: MW-101-10S(R)

Date Collected: 09/25/17 15:20
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-11

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/02/17 16:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/02/17 16:53	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.22	ug/L			10/02/17 16:53	1
Trichloroethene	ND		1.0	0.46	ug/L			10/02/17 16:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/02/17 16:53	1
Vinyl acetate	ND		5.0	0.85	ug/L			10/02/17 16:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/02/17 16:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/02/17 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*10/02/17 16:53*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*10/02/17 16:53*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*10/02/17 16:53*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*10/02/17 16:53*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3410**		200	60.0	ug/L		09/27/17 08:25	09/28/17 02:10	1
Antimony	ND		20.0	6.8	ug/L		09/27/17 08:25	09/28/17 02:10	1
Arsenic	ND		15.0	5.6	ug/L		09/27/17 08:25	09/28/17 02:10	1
Barium	**87.5**		2.0	0.70	ug/L		09/27/17 08:25	09/28/17 02:10	1
Boron	**0.028**		0.020	0.0040	mg/L		09/27/17 08:25	09/28/17 02:10	1
Beryllium	ND		2.0	0.30	ug/L		09/27/17 08:25	09/28/17 02:10	1
Cadmium	ND		2.0	0.50	ug/L		09/27/17 08:25	09/28/17 02:10	1
Calcium	**46000**		500	100	ug/L		09/27/17 08:25	09/28/17 02:10	1
Chromium	**6.2**		4.0	1.0	ug/L		09/27/17 08:25	09/28/17 02:10	1
Cobalt	**11.4**		4.0	0.63	ug/L		09/27/17 08:25	09/28/17 02:10	1
Copper	**1.8**	**J**	10.0	1.6	ug/L		09/27/17 08:25	09/28/17 02:10	1
Iron	**43400**		50.0	19.3	ug/L		09/27/17 08:25	09/28/17 02:10	1
Lead	**3.0**	**J**	10.0	3.0	ug/L		09/27/17 08:25	09/28/17 02:10	1
Magnesium	**6590**		200	43.4	ug/L		09/27/17 08:25	09/28/17 02:10	1
Manganese	**1550**	**B**	3.0	0.40	ug/L		09/27/17 08:25	09/28/17 02:10	1
Nickel	**2.7**	**J**	10.0	1.3	ug/L		09/27/17 08:25	09/28/17 02:10	1
Potassium	**6440**		500	100	ug/L		09/27/17 08:25	09/28/17 02:10	1
Selenium	ND		25.0	8.7	ug/L		09/27/17 08:25	09/28/17 02:10	1
Silver	ND		6.0	1.7	ug/L		09/27/17 08:25	09/28/17 02:10	1
Sodium	**112000**		1000	324	ug/L		09/27/17 08:25	09/28/17 02:10	1
Thallium	ND		20.0	10.2	ug/L		09/27/17 08:25	09/28/17 02:10	1
Vanadium	**5.0**		5.0	1.5	ug/L		09/27/17 08:25	09/28/17 02:10	1
Zinc	**16.8**		10.0	1.5	ug/L		09/27/17 08:25	09/28/17 02:10	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		09/27/17 13:35	09/27/17 19:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	**85.1**		20.0	8.0	mg/L			09/27/17 17:49	2
Ammonia as N	**1.1**		0.020	0.0090	mg/L			09/27/17 10:38	1
Total Kjeldahl Nitrogen	**1.5**		0.20	0.15	mg/L		09/28/17 07:37	09/28/17 13:57	1

Client Sample ID: MW-101-10S(R)

Lab Sample ID: 480-124782-11
Matrix: Water
Date Collected: 09/25/17 15:20
Date Received: 09/26/17 09:45

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	**0.066**		0.050	0.020	mg/L			09/26/17 21:05	1
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			09/26/17 17:32	1
Chromium, hexavalent	ND		0.010	0.0050	mg/L			09/26/17 10:45	1
Cyanide	ND		0.010	0.0050	mg/L		10/04/17 04:30	10/04/17 12:20	1
Bromide	ND		1.0	0.37	mg/L			10/02/17 23:44	5
Chloride	**241**		2.5	1.4	mg/L			10/02/17 23:44	5
Sulfate	**18.7**		10.0	1.7	mg/L			10/02/17 23:44	5
Total Organic Carbon	**3.6**	**B**	1.0	0.43	mg/L			09/28/17 08:30	1
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		09/28/17 11:40	09/30/17 12:00	1
Total Hardness	**180**		4.0	1.1	mg/L			09/28/17 13:10	1
Total Dissolved Solids	**465**		10.0	4.0	mg/L			09/26/17 17:57	1
Biochemical Oxygen Demand	**3.0**	**b**	2.0	2.0	mg/L			09/27/17 11:40	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Color	ND		5.00	5.00	Color Units			09/26/17 18:30	1

Client Sample ID: MW-2S

Lab Sample ID: 480-124782-12
Matrix: Water
Date Collected: 09/25/17 13:00
Date Received: 09/26/17 09:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			10/02/17 17:18	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/02/17 17:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/02/17 17:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/02/17 17:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/02/17 17:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/02/17 17:18	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			10/02/17 17:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/02/17 17:18	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/02/17 17:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/02/17 17:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/02/17 17:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/02/17 17:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/02/17 17:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/17 17:18	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/02/17 17:18	1
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			10/02/17 17:18	1
Acetone	ND		10	3.0	ug/L			10/02/17 17:18	1
Acrylonitrile	ND	*	5.0	0.83	ug/L			10/02/17 17:18	1
Benzene	ND		1.0	0.41	ug/L			10/02/17 17:18	1
Bromochloromethane	ND		1.0	0.87	ug/L			10/02/17 17:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/02/17 17:18	1
Bromoform	ND		1.0	0.26	ug/L			10/02/17 17:18	1
Bromomethane	ND		1.0	0.69	ug/L			10/02/17 17:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/02/17 17:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/02/17 17:18	1
Chlorobenzene	**2.6**		1.0	0.75	ug/L			10/02/17 17:18	1
Chloroethane	ND		1.0	0.32	ug/L			10/02/17 17:18	1
Chloroform	ND		1.0	0.34	ug/L			10/02/17 17:18	1

Client Sample ID: MW-2S
Date Collected: 09/25/17 13:00
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-12
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			10/02/17 17:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/02/17 17:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/02/17 17:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/02/17 17:18	1
Dibromomethane	ND		1.0	0.41	ug/L			10/02/17 17:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/02/17 17:18	1
Iodomethane	ND		1.0	0.30	ug/L			10/02/17 17:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/02/17 17:18	1
Styrene	ND		1.0	0.73	ug/L			10/02/17 17:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/02/17 17:18	1
Toluene	ND		1.0	0.51	ug/L			10/02/17 17:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/02/17 17:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/02/17 17:18	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.22	ug/L			10/02/17 17:18	1
Trichloroethene	ND		1.0	0.46	ug/L			10/02/17 17:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/02/17 17:18	1
Vinyl acetate	ND		5.0	0.85	ug/L			10/02/17 17:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/02/17 17:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/02/17 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*10/02/17 17:18*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*10/02/17 17:18*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*10/02/17 17:18*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 123*		*10/02/17 17:18*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1810**		200	60.0	ug/L		09/27/17 08:25	09/28/17 02:14	1
Antimony	ND		20.0	6.8	ug/L		09/27/17 08:25	09/28/17 02:14	1
Arsenic	**7.7**	**J**	15.0	5.6	ug/L		09/27/17 08:25	09/28/17 02:14	1
Barium	**90.3**		2.0	0.70	ug/L		09/27/17 08:25	09/28/17 02:14	1
Boron	**0.043**		0.020	0.0040	mg/L		09/27/17 08:25	09/28/17 02:14	1
Beryllium	ND		2.0	0.30	ug/L		09/27/17 08:25	09/28/17 02:14	1
Cadmium	ND		2.0	0.50	ug/L		09/27/17 08:25	09/28/17 02:14	1
Calcium	**72000**		500	100	ug/L		09/27/17 08:25	09/28/17 02:14	1
Chromium	ND		4.0	1.0	ug/L		09/27/17 08:25	09/28/17 02:14	1
Cobalt	**1.7**	**J**	4.0	0.63	ug/L		09/27/17 08:25	09/28/17 02:14	1
Copper	**2.0**	**J**	10.0	1.6	ug/L		09/27/17 08:25	09/28/17 02:14	1
Iron	**28700**		50.0	19.3	ug/L		09/27/17 08:25	09/28/17 02:14	1
Lead	**7.3**	**J**	10.0	3.0	ug/L		09/27/17 08:25	09/28/17 02:14	1
Magnesium	**9620**		200	43.4	ug/L		09/27/17 08:25	09/28/17 02:14	1
Manganese	**5750**	**B**	3.0	0.40	ug/L		09/27/17 08:25	09/28/17 02:14	1
Nickel	**1.3**	**J**	10.0	1.3	ug/L		09/27/17 08:25	09/28/17 02:14	1
Potassium	**3040**		500	100	ug/L		09/27/17 08:25	09/28/17 02:14	1
Selenium	ND		25.0	8.7	ug/L		09/27/17 08:25	09/28/17 02:14	1
Silver	ND		6.0	1.7	ug/L		09/27/17 08:25	09/28/17 02:14	1
Sodium	**37400**		1000	324	ug/L		09/27/17 08:25	09/28/17 02:14	1
Thallium	ND		20.0	10.2	ug/L		09/27/17 08:25	09/28/17 02:14	1
Vanadium	**3.4**	**J**	5.0	1.5	ug/L		09/27/17 08:25	09/28/17 02:14	1

Client Sample ID: MW-2S

Date Collected: 09/25/17 13:00
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-12

Matrix: Water

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**5.4**	**J**	10.0	1.5	ug/L		09/27/17 08:25	09/28/17 02:14	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		09/27/17 13:35	09/27/17 19:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	**239**		30.0	12.0	mg/L			09/27/17 19:08	3
Ammonia as N	**0.85**		0.020	0.0090	mg/L			09/27/17 10:39	1
Total Kjeldahl Nitrogen	**1.4**		0.20	0.15	mg/L		09/28/17 07:37	09/28/17 13:57	1
Nitrate	**0.066**		0.050	0.020	mg/L			09/26/17 21:06	1
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			09/26/17 17:32	1
Chromium, hexavalent	ND		0.25	0.13	mg/L			09/26/17 10:45	25
Cyanide	ND		0.010	0.0050	mg/L		10/04/17 04:30	10/04/17 12:24	1
Bromide	ND		0.40	0.15	mg/L			10/02/17 23:59	2
Chloride	**73.5**		1.0	0.56	mg/L			10/02/17 23:59	2
Sulfate	**3.3**	**J**	4.0	0.70	mg/L			10/02/17 23:59	2
Total Organic Carbon	**2.7**	**B**	1.0	0.43	mg/L			09/28/17 09:26	1
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		09/28/17 11:40	09/30/17 12:00	1
Total Hardness	**220**		4.0	1.1	mg/L			09/28/17 13:10	1
Total Dissolved Solids	**343**		10.0	4.0	mg/L			09/26/17 17:57	1
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			09/26/17 15:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Color	**5.00**		5.00	5.00	Color Units			09/26/17 18:30	1

Client Sample ID: FDGW01

Date Collected: 09/25/17 00:00
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-13

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			10/02/17 17:43	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/02/17 17:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/02/17 17:43	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/02/17 17:43	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/02/17 17:43	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/02/17 17:43	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			10/02/17 17:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/02/17 17:43	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/02/17 17:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/02/17 17:43	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/02/17 17:43	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/02/17 17:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/02/17 17:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/17 17:43	1
2-Hexanone	ND	*	5.0	1.2	ug/L			10/02/17 17:43	1
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			10/02/17 17:43	1
Acetone	**3.8**	**J**	10	3.0	ug/L			10/02/17 17:43	1
Acrylonitrile	ND	*	5.0	0.83	ug/L			10/02/17 17:43	1

Client Sample ID: FDGW01
Date Collected: 09/25/17 00:00
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-13
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			10/02/17 17:43	1
Bromochloromethane	ND		1.0	0.87	ug/L			10/02/17 17:43	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/02/17 17:43	1
Bromoform	ND		1.0	0.26	ug/L			10/02/17 17:43	1
Bromomethane	ND		1.0	0.69	ug/L			10/02/17 17:43	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/02/17 17:43	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/02/17 17:43	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/02/17 17:43	1
Chloroethane	ND		1.0	0.32	ug/L			10/02/17 17:43	1
Chloroform	ND		1.0	0.34	ug/L			10/02/17 17:43	1
Chloromethane	ND		1.0	0.35	ug/L			10/02/17 17:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/02/17 17:43	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/02/17 17:43	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/02/17 17:43	1
Dibromomethane	ND		1.0	0.41	ug/L			10/02/17 17:43	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/02/17 17:43	1
Iodomethane	ND		1.0	0.30	ug/L			10/02/17 17:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/02/17 17:43	1
Styrene	ND		1.0	0.73	ug/L			10/02/17 17:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/02/17 17:43	1
Toluene	ND		1.0	0.51	ug/L			10/02/17 17:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/02/17 17:43	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/02/17 17:43	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.22	ug/L			10/02/17 17:43	1
Trichloroethene	ND		1.0	0.46	ug/L			10/02/17 17:43	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/02/17 17:43	1
Vinyl acetate	ND		5.0	0.85	ug/L			10/02/17 17:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/02/17 17:43	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/02/17 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*10/02/17 17:43*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*10/02/17 17:43*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/02/17 17:43*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*10/02/17 17:43*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	60.0	ug/L		09/27/17 08:25	09/28/17 02:17	1
Antimony	ND		20.0	6.8	ug/L		09/27/17 08:25	09/28/17 02:17	1
Arsenic	ND		15.0	5.6	ug/L		09/27/17 08:25	09/28/17 02:17	1
Barium	**21.5**		2.0	0.70	ug/L		09/27/17 08:25	09/28/17 02:17	1
Boron	**0.035**		0.020	0.0040	mg/L		09/27/17 08:25	09/28/17 02:17	1
Beryllium	ND		2.0	0.30	ug/L		09/27/17 08:25	09/28/17 02:17	1
Cadmium	ND		2.0	0.50	ug/L		09/27/17 08:25	09/28/17 02:17	1
Calcium	**44400**		500	100	ug/L		09/27/17 08:25	09/28/17 02:17	1
Chromium	ND		4.0	1.0	ug/L		09/27/17 08:25	09/28/17 02:17	1
Cobalt	**1.2**	**J**	4.0	0.63	ug/L		09/27/17 08:25	09/28/17 02:17	1
Copper	ND		10.0	1.6	ug/L		09/27/17 08:25	09/28/17 02:17	1
Iron	**2510**		50.0	19.3	ug/L		09/27/17 08:25	09/28/17 02:17	1

Client Sample ID: FDGW01

Lab Sample ID: 480-124782-13
Date Collected: 09/25/17 00:00
Matrix: Water
Date Received: 09/26/17 09:45

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		10.0	3.0	ug/L		09/27/17 08:25	09/28/17 02:17	1
Magnesium	**7530**		200	43.4	ug/L		09/27/17 08:25	09/28/17 02:17	1
Manganese	**1270**	**B**	3.0	0.40	ug/L		09/27/17 08:25	09/28/17 02:17	1
Nickel	ND		10.0	1.3	ug/L		09/27/17 08:25	09/28/17 02:17	1
Potassium	**5680**		500	100	ug/L		09/27/17 08:25	09/28/17 02:17	1
Selenium	ND		25.0	8.7	ug/L		09/27/17 08:25	09/28/17 02:17	1
Silver	ND		6.0	1.7	ug/L		09/27/17 08:25	09/28/17 02:17	1
Sodium	**42800**		1000	324	ug/L		09/27/17 08:25	09/28/17 02:17	1
Thallium	ND		20.0	10.2	ug/L		09/27/17 08:25	09/28/17 02:17	1
Vanadium	ND		5.0	1.5	ug/L		09/27/17 08:25	09/28/17 02:17	1
Zinc	**2.0**	**J**	10.0	1.5	ug/L		09/27/17 08:25	09/28/17 02:17	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		09/27/17 13:35	09/27/17 19:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	**81.9**		10.0	4.0	mg/L			09/27/17 18:42	1
Ammonia as N	**0.35**		0.020	0.0090	mg/L			09/27/17 10:40	1
Total Kjeldahl Nitrogen	**0.66**		0.20	0.15	mg/L		09/28/17 07:37	09/28/17 13:57	1
Nitrate	**0.14**		0.050	0.020	mg/L			09/26/17 21:07	1
Chemical Oxygen Demand	**7.9**	**J**	10.0	5.0	mg/L			09/26/17 17:32	1
Chromium, hexavalent	ND	H	0.010	0.0050	mg/L			09/26/17 10:45	1
Cyanide	ND		0.010	0.0050	mg/L		10/04/17 04:30	10/04/17 12:26	1
Bromide	ND		0.40	0.15	mg/L			10/03/17 00:13	2
Chloride	**116**		1.0	0.56	mg/L			10/03/17 00:13	2
Sulfate	**16.4**		4.0	0.70	mg/L			10/03/17 00:13	2
Total Organic Carbon	**1.3**	**B**	1.0	0.43	mg/L			09/28/17 10:22	1
Phenolics, Total Recoverable	**0.0062**	**J**	0.010	0.0050	mg/L		09/28/17 11:40	09/30/17 12:00	1
Total Hardness	**144**		4.0	1.1	mg/L			09/28/17 13:10	1
Total Dissolved Solids	**303**		10.0	4.0	mg/L			09/26/17 17:57	1
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			09/26/17 15:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Color	**15.0**		5.00	5.00	Color Units			09/26/17 18:30	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-124782-14
Date Collected: 09/25/17 00:00
Matrix: Water
Date Received: 09/26/17 09:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			10/03/17 00:06	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/03/17 00:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/03/17 00:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/03/17 00:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/03/17 00:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/03/17 00:06	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			10/03/17 00:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/03/17 00:06	1

Client Sample ID: TRIP BLANK
Date Collected: 09/25/17 00:00
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-14
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/03/17 00:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/03/17 00:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/03/17 00:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/03/17 00:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/03/17 00:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/03/17 00:06	1
2-Hexanone	ND		5.0	1.2	ug/L			10/03/17 00:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/03/17 00:06	1
Acetone	ND		10	3.0	ug/L			10/03/17 00:06	1
Acrylonitrile	ND		5.0	0.83	ug/L			10/03/17 00:06	1
Benzene	ND		1.0	0.41	ug/L			10/03/17 00:06	1
Bromochloromethane	ND		1.0	0.87	ug/L			10/03/17 00:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/03/17 00:06	1
Bromoform	ND		1.0	0.26	ug/L			10/03/17 00:06	1
Bromomethane	ND		1.0	0.69	ug/L			10/03/17 00:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/03/17 00:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/03/17 00:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/03/17 00:06	1
Chloroethane	ND		1.0	0.32	ug/L			10/03/17 00:06	1
Chloroform	ND		1.0	0.34	ug/L			10/03/17 00:06	1
Chloromethane	ND		1.0	0.35	ug/L			10/03/17 00:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/03/17 00:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/03/17 00:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/03/17 00:06	1
Dibromomethane	ND		1.0	0.41	ug/L			10/03/17 00:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/03/17 00:06	1
Iodomethane	ND		1.0	0.30	ug/L			10/03/17 00:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/03/17 00:06	1
Styrene	ND		1.0	0.73	ug/L			10/03/17 00:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/03/17 00:06	1
Toluene	ND		1.0	0.51	ug/L			10/03/17 00:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/03/17 00:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/03/17 00:06	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.22	ug/L			10/03/17 00:06	1
Trichloroethene	ND		1.0	0.46	ug/L			10/03/17 00:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/03/17 00:06	1
Vinyl acetate	ND		5.0	0.85	ug/L			10/03/17 00:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/03/17 00:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/03/17 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*10/03/17 00:06*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*10/03/17 00:06*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*10/03/17 00:06*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*10/03/17 00:06*	*1*

Surrogate Summary

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	12DCE (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-124782-1	MW-101-1(R)	99	97	94	96
480-124782-2	MW-101-3	99	98	94	96
480-124782-3	MW-101-4	96	95	93	96
480-124782-4	MW-101-5	96	98	93	94
480-124782-5	MW-101-6S	94	97	93	96
480-124782-6	MW-101-6I	97	98	93	96
480-124782-6 MS	MW-101-6I	95	100	94	94
480-124782-6 MSD	MW-101-6I	97	110	95	98
480-124782-7	MW-101-7S	102	104	96	101
480-124782-8	MW-101-7I	99	101	95	96
480-124782-9	MW-101-8S(R)	98	99	93	97
480-124782-10	MW-101-8I(R)	97	96	94	96
480-124782-11	MW-101-10S(R)	97	99	93	96
480-124782-12	MW-2S	94	98	92	93
480-124782-13	FDGW01	94	98	94	91
480-124782-14	TRIP BLANK	94	99	92	92
LCS 480-379676/5	Lab Control Sample	97	97	94	94
LCS 480-379843/4	Lab Control Sample	92	99	92	91
MB 480-379676/7	Method Blank	98	96	94	93
MB 480-379843/6	Method Blank	92	101	91	91

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-379676/7
Matrix: Water
Analysis Batch: 379676

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			10/02/17 11:57	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/02/17 11:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/02/17 11:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/02/17 11:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/02/17 11:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/02/17 11:57	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			10/02/17 11:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/02/17 11:57	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/02/17 11:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/02/17 11:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/02/17 11:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/02/17 11:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/02/17 11:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/17 11:57	1
2-Hexanone	ND		5.0	1.2	ug/L			10/02/17 11:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/02/17 11:57	1
Acetone	ND		10	3.0	ug/L			10/02/17 11:57	1
Acrylonitrile	ND		5.0	0.83	ug/L			10/02/17 11:57	1
Benzene	ND		1.0	0.41	ug/L			10/02/17 11:57	1
Bromochloromethane	ND		1.0	0.87	ug/L			10/02/17 11:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/02/17 11:57	1
Bromoform	ND		1.0	0.26	ug/L			10/02/17 11:57	1
Bromomethane	ND		1.0	0.69	ug/L			10/02/17 11:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/02/17 11:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/02/17 11:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/02/17 11:57	1
Chloroethane	ND		1.0	0.32	ug/L			10/02/17 11:57	1
Chloroform	ND		1.0	0.34	ug/L			10/02/17 11:57	1
Chloromethane	ND		1.0	0.35	ug/L			10/02/17 11:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/02/17 11:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/02/17 11:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/02/17 11:57	1
Dibromomethane	ND		1.0	0.41	ug/L			10/02/17 11:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/02/17 11:57	1
Iodomethane	ND		1.0	0.30	ug/L			10/02/17 11:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/02/17 11:57	1
Styrene	ND		1.0	0.73	ug/L			10/02/17 11:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/02/17 11:57	1
Toluene	ND		1.0	0.51	ug/L			10/02/17 11:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/02/17 11:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/02/17 11:57	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.22	ug/L			10/02/17 11:57	1
Trichloroethene	ND		1.0	0.46	ug/L			10/02/17 11:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/02/17 11:57	1
Vinyl acetate	ND		5.0	0.85	ug/L			10/02/17 11:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/02/17 11:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/02/17 11:57	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-379676/7
Matrix: Water
Analysis Batch: 379676

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*10/02/17 11:57*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/02/17 11:57*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/02/17 11:57*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 123*		*10/02/17 11:57*	*1*

Lab Sample ID: LCS 480-379676/5
Matrix: Water
Analysis Batch: 379676

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	25.5		ug/L		102	80 - 120
1,1,1-Trichloroethane	25.0	26.5		ug/L		106	73 - 126
1,1,2,2-Tetrachloroethane	25.0	28.1		ug/L		112	76 - 120
1,1,2-Trichloroethane	25.0	25.8		ug/L		103	76 - 122
1,1-Dichloroethane	25.0	27.5		ug/L		110	77 - 120
1,1-Dichloroethene	25.0	23.3		ug/L		93	66 - 127
1,2,3-Trichloropropane	25.0	27.3		ug/L		109	68 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.2		ug/L		109	56 - 134
1,2-Dibromoethane (EDB)	25.0	26.3		ug/L		105	77 - 120
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	27.6		ug/L		110	75 - 120
1,2-Dichloropropane	25.0	27.0		ug/L		108	76 - 120
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	80 - 120
2-Butanone (MEK)	125	173		ug/L		138	57 - 140
2-Hexanone	125	174	*	ug/L		139	65 - 127
4-Methyl-2-pentanone (MIBK)	125	167	*	ug/L		134	71 - 125
Acetone	125	164		ug/L		131	56 - 142
Acrylonitrile	250	327	*	ug/L		131	63 - 125
Benzene	25.0	25.9		ug/L		103	71 - 124
Bromochloromethane	25.0	25.9		ug/L		104	72 - 130
Bromodichloromethane	25.0	28.5		ug/L		114	80 - 122
Bromoform	25.0	26.4		ug/L		106	61 - 132
Bromomethane	25.0	20.7		ug/L		83	55 - 144
Carbon disulfide	25.0	25.5		ug/L		102	59 - 134
Carbon tetrachloride	25.0	27.4		ug/L		109	72 - 134
Chlorobenzene	25.0	24.7		ug/L		99	80 - 120
Chloroethane	25.0	23.7		ug/L		95	69 - 136
Chloroform	25.0	25.4		ug/L		101	73 - 127
Chloromethane	25.0	25.8		ug/L		103	68 - 124
cis-1,2-Dichloroethene	25.0	24.1		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	25.3		ug/L		101	74 - 124
Dibromochloromethane	25.0	26.1		ug/L		104	75 - 125
Dibromomethane	25.0	26.9		ug/L		108	76 - 127
Ethylbenzene	25.0	25.0		ug/L		100	77 - 123
Iodomethane	25.0	24.1		ug/L		96	78 - 123
Methylene Chloride	25.0	23.3		ug/L		93	75 - 124
Styrene	25.0	25.8		ug/L		103	80 - 120
Tetrachloroethene	25.0	25.0		ug/L		100	74 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-379676/5
Matrix: Water
Analysis Batch: 379676

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	25.0	25.3		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	23.9		ug/L		96	73 - 127
trans-1,3-Dichloropropene	25.0	26.0		ug/L		104	80 - 120
trans-1,4-Dichloro-2-butene	25.0	29.5		ug/L		118	41 - 131
Trichloroethene	25.0	26.1		ug/L		104	74 - 123
Trichlorofluoromethane	25.0	26.6		ug/L		106	62 - 150
Vinyl acetate	50.0	69.4		ug/L		139	50 - 144
Vinyl chloride	25.0	22.0		ug/L		88	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 123*

Lab Sample ID: 480-124782-6 MS
Matrix: Water
Analysis Batch: 379676

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		25.0	25.8		ug/L		103	80 - 120
1,1,1-Trichloroethane	ND		25.0	28.6		ug/L		114	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	27.2		ug/L		109	76 - 120
1,1,2-Trichloroethane	ND		25.0	25.5		ug/L		102	76 - 122
1,1-Dichloroethane	ND		25.0	28.4		ug/L		114	77 - 120
1,1-Dichloroethene	ND		25.0	24.6		ug/L		98	66 - 127
1,2,3-Trichloropropane	ND		25.0	26.0		ug/L		104	68 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	26.5		ug/L		106	56 - 134
1,2-Dibromoethane (EDB)	ND		25.0	25.6		ug/L		102	77 - 120
1,2-Dichlorobenzene	ND		25.0	25.4		ug/L		102	80 - 124
1,2-Dichloroethane	ND		25.0	27.2		ug/L		109	75 - 120
1,2-Dichloropropane	ND		25.0	27.4		ug/L		109	76 - 120
1,4-Dichlorobenzene	ND		25.0	25.0		ug/L		100	78 - 124
2-Butanone (MEK)	ND		125	158		ug/L		126	57 - 140
2-Hexanone	ND	* F1	125	157		ug/L		126	65 - 127
4-Methyl-2-pentanone (MIBK)	ND	F1 *	125	158	F1	ug/L		127	71 - 125
Acetone	3.0	J	125	151		ug/L		121	56 - 142
Acrylonitrile	ND	F1 *	250	319	F1	ug/L		127	63 - 125
Benzene	ND		25.0	27.3		ug/L		109	71 - 124
Bromochloromethane	ND		25.0	25.6		ug/L		102	72 - 130
Bromodichloromethane	ND		25.0	28.1		ug/L		112	80 - 122
Bromoform	ND		25.0	25.8		ug/L		103	61 - 132
Bromomethane	ND		25.0	27.7		ug/L		111	55 - 144
Carbon disulfide	ND		25.0	27.6		ug/L		111	59 - 134
Carbon tetrachloride	ND		25.0	29.3		ug/L		117	72 - 134
Chlorobenzene	ND		25.0	25.7		ug/L		103	80 - 120
Chloroethane	ND		25.0	33.2		ug/L		133	69 - 136
Chloroform	ND		25.0	26.1		ug/L		105	73 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-124782-6 MS
Matrix: Water
Analysis Batch: 379676

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	ND	F1	25.0	34.4	F1	ug/L		138	68 - 124
cis-1,2-Dichloroethene	ND		25.0	25.1		ug/L		101	74 - 124
cis-1,3-Dichloropropene	ND		25.0	24.5		ug/L		98	74 - 124
Dibromochloromethane	ND		25.0	25.8		ug/L		103	75 - 125
Dibromomethane	ND		25.0	26.2		ug/L		105	76 - 127
Ethylbenzene	ND		25.0	26.0		ug/L		104	77 - 123
Iodomethane	ND		25.0	25.4		ug/L		102	78 - 123
Methylene Chloride	ND		25.0	22.9		ug/L		91	75 - 124
Styrene	ND		25.0	26.1		ug/L		104	80 - 120
Tetrachloroethene	ND		25.0	26.8		ug/L		107	74 - 122
Toluene	ND		25.0	26.4		ug/L		106	80 - 122
trans-1,2-Dichloroethene	ND		25.0	25.0		ug/L		100	73 - 127
trans-1,3-Dichloropropene	ND		25.0	25.3		ug/L		101	80 - 120
trans-1,4-Dichloro-2-butene	ND		25.0	25.9		ug/L		104	41 - 131
Trichloroethene	ND		25.0	27.4		ug/L		109	74 - 123
Trichlorofluoromethane	ND		25.0	33.5		ug/L		134	62 - 150
Vinyl acetate	ND		50.0	66.5		ug/L		133	50 - 144
Vinyl chloride	ND		25.0	25.4		ug/L		102	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Toluene-d8 (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 123*

Lab Sample ID: 480-124782-6 MSD
Matrix: Water
Analysis Batch: 379676

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		25.0	25.8		ug/L		103	80 - 120	0	20
1,1,1-Trichloroethane	ND		25.0	27.7		ug/L		111	73 - 126	3	15
1,1,2,2-Tetrachloroethane	ND		25.0	24.7		ug/L		99	76 - 120	10	15
1,1,2-Trichloroethane	ND		25.0	24.3		ug/L		97	76 - 122	5	15
1,1-Dichloroethane	ND		25.0	27.1		ug/L		108	77 - 120	5	20
1,1-Dichloroethene	ND		25.0	23.7		ug/L		95	66 - 127	4	16
1,2,3-Trichloropropane	ND		25.0	25.3		ug/L		101	68 - 122	3	14
1,2-Dibromo-3-Chloropropane	ND		25.0	27.5		ug/L		110	56 - 134	4	15
1,2-Dibromoethane (EDB)	ND		25.0	25.8		ug/L		103	77 - 120	1	15
1,2-Dichlorobenzene	ND		25.0	24.3		ug/L		97	80 - 124	4	20
1,2-Dichloroethane	ND		25.0	26.8		ug/L		107	75 - 120	2	20
1,2-Dichloropropane	ND		25.0	25.9		ug/L		104	76 - 120	5	20
1,4-Dichlorobenzene	ND		25.0	23.8		ug/L		95	78 - 124	5	20
2-Butanone (MEK)	ND		125	162		ug/L		129	57 - 140	2	20
2-Hexanone	ND	* F1	125	162	F1	ug/L		129	65 - 127	3	15
4-Methyl-2-pentanone (MIBK)	ND	F1 *	125	160	F1	ug/L		128	71 - 125	1	35
Acetone	3.0	J	125	157		ug/L		126	56 - 142	4	15
Acrylonitrile	ND	F1 *	250	319	F1	ug/L		128	63 - 125	0	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-124782-6 MSD
Matrix: Water
Analysis Batch: 379676

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	24.9		ug/L		100	71 - 124	9	13
Bromochloromethane	ND		25.0	26.4		ug/L		106	72 - 130	3	15
Bromodichloromethane	ND		25.0	27.6		ug/L		110	80 - 122	2	15
Bromoform	ND		25.0	26.4		ug/L		106	61 - 132	3	15
Bromomethane	ND		25.0	26.1		ug/L		105	55 - 144	6	15
Carbon disulfide	ND		25.0	25.5		ug/L		102	59 - 134	8	15
Carbon tetrachloride	ND		25.0	29.4		ug/L		118	72 - 134	0	15
Chlorobenzene	ND		25.0	25.0		ug/L		100	80 - 120	2	25
Chloroethane	ND		25.0	28.9		ug/L		116	69 - 136	14	15
Chloroform	ND		25.0	25.1		ug/L		101	73 - 127	4	20
Chloromethane	ND	F1	25.0	36.5	F1	ug/L		146	68 - 124	6	15
cis-1,2-Dichloroethene	ND		25.0	23.9		ug/L		96	74 - 124	5	15
cis-1,3-Dichloropropene	ND		25.0	23.8		ug/L		95	74 - 124	3	15
Dibromochloromethane	ND		25.0	26.6		ug/L		106	75 - 125	3	15
Dibromomethane	ND		25.0	25.9		ug/L		104	76 - 127	1	15
Ethylbenzene	ND		25.0	24.5		ug/L		98	77 - 123	6	15
Iodomethane	ND		25.0	25.6		ug/L		102	78 - 123	1	20
Methylene Chloride	ND		25.0	21.4		ug/L		86	75 - 124	7	15
Styrene	ND		25.0	26.0		ug/L		104	80 - 120	1	20
Tetrachloroethene	ND		25.0	26.8		ug/L		107	74 - 122	0	20
Toluene	ND		25.0	25.1		ug/L		100	80 - 122	5	15
trans-1,2-Dichloroethene	ND		25.0	23.9		ug/L		96	73 - 127	4	20
trans-1,3-Dichloropropene	ND		25.0	24.8		ug/L		99	80 - 120	2	15
trans-1,4-Dichloro-2-butene	ND		25.0	24.8		ug/L		99	41 - 131	4	20
Trichloroethene	ND		25.0	25.9		ug/L		104	74 - 123	5	16
Trichlorofluoromethane	ND		25.0	29.8		ug/L		119	62 - 150	12	20
Vinyl acetate	ND		50.0	65.7		ug/L		131	50 - 144	1	23
Vinyl chloride	ND		25.0	28.0		ug/L		112	65 - 133	10	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*
Toluene-d8 (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*

Lab Sample ID: MB 480-379843/6
Matrix: Water
Analysis Batch: 379843

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			10/02/17 23:28	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/02/17 23:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/02/17 23:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/02/17 23:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/02/17 23:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/02/17 23:28	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			10/02/17 23:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/02/17 23:28	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-379843/6
Matrix: Water
Analysis Batch: 379843

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			10/02/17 23:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/02/17 23:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/02/17 23:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/02/17 23:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/02/17 23:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/02/17 23:28	1
2-Hexanone	ND		5.0	1.2	ug/L			10/02/17 23:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/02/17 23:28	1
Acetone	ND		10	3.0	ug/L			10/02/17 23:28	1
Acrylonitrile	ND		5.0	0.83	ug/L			10/02/17 23:28	1
Benzene	ND		1.0	0.41	ug/L			10/02/17 23:28	1
Bromochloromethane	ND		1.0	0.87	ug/L			10/02/17 23:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/02/17 23:28	1
Bromoform	ND		1.0	0.26	ug/L			10/02/17 23:28	1
Bromomethane	ND		1.0	0.69	ug/L			10/02/17 23:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/02/17 23:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/02/17 23:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/02/17 23:28	1
Chloroethane	ND		1.0	0.32	ug/L			10/02/17 23:28	1
Chloroform	ND		1.0	0.34	ug/L			10/02/17 23:28	1
Chloromethane	ND		1.0	0.35	ug/L			10/02/17 23:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/02/17 23:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/02/17 23:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/02/17 23:28	1
Dibromomethane	ND		1.0	0.41	ug/L			10/02/17 23:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/02/17 23:28	1
Iodomethane	ND		1.0	0.30	ug/L			10/02/17 23:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/02/17 23:28	1
Styrene	ND		1.0	0.73	ug/L			10/02/17 23:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/02/17 23:28	1
Toluene	ND		1.0	0.51	ug/L			10/02/17 23:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/02/17 23:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/02/17 23:28	1
trans-1,4-Dichloro-2-butene	ND		1.0	0.22	ug/L			10/02/17 23:28	1
Trichloroethene	ND		1.0	0.46	ug/L			10/02/17 23:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/02/17 23:28	1
Vinyl acetate	ND		5.0	0.85	ug/L			10/02/17 23:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/02/17 23:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/02/17 23:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*10/02/17 23:28*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*10/02/17 23:28*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*10/02/17 23:28*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*10/02/17 23:28*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-379843/4
Matrix: Water
Analysis Batch: 379843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	23.1		ug/L		93	80 - 120
1,1,1-Trichloroethane	25.0	23.7		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.7		ug/L		103	76 - 120
1,1,2-Trichloroethane	25.0	23.6		ug/L		95	76 - 122
1,1-Dichloroethane	25.0	24.9		ug/L		99	77 - 120
1,1-Dichloroethene	25.0	19.2		ug/L		77	66 - 127
1,2,3-Trichloropropane	25.0	24.2		ug/L		97	68 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.9		ug/L		100	56 - 134
1,2-Dibromoethane (EDB)	25.0	23.3		ug/L		93	77 - 120
1,2-Dichlorobenzene	25.0	23.0		ug/L		92	80 - 124
1,2-Dichloroethane	25.0	24.8		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	24.5		ug/L		98	76 - 120
1,4-Dichlorobenzene	25.0	22.7		ug/L		91	80 - 120
2-Butanone (MEK)	125	161		ug/L		129	57 - 140
2-Hexanone	125	158		ug/L		126	65 - 127
4-Methyl-2-pentanone (MIBK)	125	150		ug/L		120	71 - 125
Acetone	125	176		ug/L		141	56 - 142
Acrylonitrile	250	286		ug/L		114	63 - 125
Benzene	25.0	23.5		ug/L		94	71 - 124
Bromochloromethane	25.0	23.5		ug/L		94	72 - 130
Bromodichloromethane	25.0	25.1		ug/L		100	80 - 122
Bromoform	25.0	24.1		ug/L		96	61 - 132
Bromomethane	25.0	23.1		ug/L		92	55 - 144
Carbon disulfide	25.0	20.7		ug/L		83	59 - 134
Carbon tetrachloride	25.0	24.2		ug/L		97	72 - 134
Chlorobenzene	25.0	22.9		ug/L		92	80 - 120
Chloroethane	25.0	26.1		ug/L		104	69 - 136
Chloroform	25.0	22.8		ug/L		91	73 - 127
Chloromethane	25.0	26.5		ug/L		106	68 - 124
cis-1,2-Dichloroethene	25.0	21.8		ug/L		87	74 - 124
cis-1,3-Dichloropropene	25.0	23.3		ug/L		93	74 - 124
Dibromochloromethane	25.0	23.6		ug/L		94	75 - 125
Dibromomethane	25.0	23.8		ug/L		95	76 - 127
Ethylbenzene	25.0	23.1		ug/L		92	77 - 123
Iodomethane	25.0	20.6		ug/L		82	78 - 123
Methylene Chloride	25.0	20.5		ug/L		82	75 - 124
Styrene	25.0	23.6		ug/L		95	80 - 120
Tetrachloroethene	25.0	22.9		ug/L		92	74 - 122
Toluene	25.0	23.0		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	21.0		ug/L		84	73 - 127
trans-1,3-Dichloropropene	25.0	24.0		ug/L		96	80 - 120
trans-1,4-Dichloro-2-butene	25.0	25.6		ug/L		102	41 - 131
Trichloroethene	25.0	24.0		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	26.2		ug/L		105	62 - 150
Vinyl acetate	50.0	64.4		ug/L		129	50 - 144
Vinyl chloride	25.0	23.1		ug/L		92	65 - 133

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-379843/4
Matrix: Water
Analysis Batch: 379843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Toluene-d8 (Surr)	*92*		*80 - 120*
Dibromofluoromethane (Surr)	*91*		*75 - 123*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-378862/1-A
Matrix: Water
Analysis Batch: 379179

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 378862

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		200	60.0	ug/L		09/27/17 08:25	09/28/17 00:32	1
Antimony	ND		20.0	6.8	ug/L		09/27/17 08:25	09/28/17 00:32	1
Arsenic	ND		15.0	5.6	ug/L		09/27/17 08:25	09/28/17 00:32	1
Barium	ND		2.0	0.70	ug/L		09/27/17 08:25	09/28/17 00:32	1
Boron	ND		0.020	0.0040	mg/L		09/27/17 08:25	09/28/17 00:32	1
Beryllium	ND		2.0	0.30	ug/L		09/27/17 08:25	09/28/17 00:32	1
Cadmium	ND		2.0	0.50	ug/L		09/27/17 08:25	09/28/17 00:32	1
Calcium	ND		500	100	ug/L		09/27/17 08:25	09/28/17 00:32	1
Chromium	ND		4.0	1.0	ug/L		09/27/17 08:25	09/28/17 00:32	1
Cobalt	ND		4.0	0.63	ug/L		09/27/17 08:25	09/28/17 00:32	1
Copper	ND		10.0	1.6	ug/L		09/27/17 08:25	09/28/17 00:32	1
Iron	ND		50.0	19.3	ug/L		09/27/17 08:25	09/28/17 00:32	1
Lead	ND		10.0	3.0	ug/L		09/27/17 08:25	09/28/17 00:32	1
Magnesium	ND		200	43.4	ug/L		09/27/17 08:25	09/28/17 00:32	1
Manganese	0.500	J	3.0	0.40	ug/L		09/27/17 08:25	09/28/17 00:32	1
Nickel	ND		10.0	1.3	ug/L		09/27/17 08:25	09/28/17 00:32	1
Potassium	ND		500	100	ug/L		09/27/17 08:25	09/28/17 00:32	1
Selenium	ND		25.0	8.7	ug/L		09/27/17 08:25	09/28/17 00:32	1
Silver	ND		6.0	1.7	ug/L		09/27/17 08:25	09/28/17 00:32	1
Sodium	ND		1000	324	ug/L		09/27/17 08:25	09/28/17 00:32	1
Thallium	ND		20.0	10.2	ug/L		09/27/17 08:25	09/28/17 00:32	1
Vanadium	ND		5.0	1.5	ug/L		09/27/17 08:25	09/28/17 00:32	1
Zinc	ND		10.0	1.5	ug/L		09/27/17 08:25	09/28/17 00:32	1

Lab Sample ID: LCS 480-378862/2-A
Matrix: Water
Analysis Batch: 379179

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 378862

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10000	9449		ug/L		94	80 - 120
Antimony	200	198.1		ug/L		99	80 - 120
Arsenic	200	191.0		ug/L		96	80 - 120
Barium	200	194.4		ug/L		97	80 - 120
Boron	0.200	0.197		mg/L		99	80 - 120
Beryllium	200	194.8		ug/L		97	80 - 120
Cadmium	200	199.7		ug/L		100	80 - 120

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-378862/2-A
Matrix: Water
Analysis Batch: 379179

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 378862

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	10000	9774		ug/L		98	80 - 120
Chromium	200	192.1		ug/L		96	80 - 120
Cobalt	200	188.6		ug/L		94	80 - 120
Copper	200	196.1		ug/L		98	80 - 120
Iron	10000	9800		ug/L		98	80 - 120
Lead	200	201.0		ug/L		100	80 - 120
Magnesium	10000	10080		ug/L		101	80 - 120
Manganese	200	207.2		ug/L		104	80 - 120
Nickel	200	192.5		ug/L		96	80 - 120
Potassium	10000	9806		ug/L		98	80 - 120
Selenium	200	189.0		ug/L		94	80 - 120
Silver	50.0	46.25		ug/L		93	80 - 120
Sodium	10000	9529		ug/L		95	80 - 120
Thallium	200	196.4		ug/L		98	80 - 120
Vanadium	200	198.4		ug/L		99	80 - 120
Zinc	200	200.1		ug/L		100	80 - 120

Lab Sample ID: 480-124782-6 MS
Matrix: Water
Analysis Batch: 379179

Client Sample ID: MW-101-6I
Prep Type: Total/NA
Prep Batch: 378862

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10000	9735		ug/L		97	75 - 125
Antimony	ND		200	197.8		ug/L		99	75 - 125
Arsenic	ND		200	195.3		ug/L		98	75 - 125
Barium	4.1		200	199.6		ug/L		98	75 - 125
Boron	0.010	J	0.200	0.210		mg/L		100	75 - 125
Beryllium	ND		200	198.7		ug/L		99	75 - 125
Cadmium	ND		200	202.4		ug/L		101	75 - 125
Calcium	17700		10000	29350		ug/L		116	75 - 125
Chromium	ND		200	192.4		ug/L		96	75 - 125
Cobalt	ND		200	190.6		ug/L		95	75 - 125
Copper	22.6		200	198.5		ug/L		88	75 - 125
Iron	52.7		10000	9920		ug/L		99	75 - 125
Lead	ND		200	202.9		ug/L		101	75 - 125
Magnesium	3720		10000	14190		ug/L		105	75 - 125
Manganese	1.1	J B	200	210.3		ug/L		105	75 - 125
Nickel	ND		200	194.6		ug/L		97	75 - 125
Potassium	603		10000	10630		ug/L		100	75 - 125
Selenium	ND		200	191.1		ug/L		96	75 - 125
Silver	ND		50.0	46.43		ug/L		93	75 - 125
Sodium	9320		10000	18890		ug/L		96	75 - 125
Thallium	ND		200	199.2		ug/L		100	75 - 125
Vanadium	ND		200	200.2		ug/L		100	75 - 125
Zinc	13.3		200	199.3		ug/L		93	75 - 125

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-124782-6 MSD
Matrix: Water
Analysis Batch: 379179

Client Sample ID: MW-101-6I
Prep Type: Total/NA
Prep Batch: 378862

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10000	9768		ug/L		98	75 - 125	0	20
Antimony	ND		200	202.0		ug/L		101	75 - 125	2	20
Arsenic	ND		200	201.7		ug/L		101	75 - 125	3	20
Barium	4.1		200	200.3		ug/L		98	75 - 125	0	20
Boron	0.010	J	0.200	0.210		mg/L		100	75 - 125	0	20
Beryllium	ND		200	197.5		ug/L		99	75 - 125	1	20
Cadmium	ND		200	201.9		ug/L		101	75 - 125	0	20
Calcium	17700		10000	28050		ug/L		103	75 - 125	5	20
Chromium	ND		200	192.6		ug/L		96	75 - 125	0	20
Cobalt	ND		200	190.1		ug/L		95	75 - 125	0	20
Copper	22.6		200	197.5		ug/L		87	75 - 125	1	20
Iron	52.7		10000	9992		ug/L		99	75 - 125	1	20
Lead	ND		200	203.2		ug/L		102	75 - 125	0	20
Magnesium	3720		10000	13860		ug/L		101	75 - 125	2	20
Manganese	1.1	J B	200	208.1		ug/L		104	75 - 125	1	20
Nickel	ND		200	194.6		ug/L		97	75 - 125	0	20
Potassium	603		10000	10550		ug/L		99	75 - 125	1	20
Selenium	ND		200	190.7		ug/L		95	75 - 125	0	20
Silver	ND		50.0	46.48		ug/L		93	75 - 125	0	20
Sodium	9320		10000	18510		ug/L		92	75 - 125	2	20
Thallium	ND		200	197.6		ug/L		99	75 - 125	1	20
Vanadium	ND		200	199.2		ug/L		100	75 - 125	0	20
Zinc	13.3		200	196.1		ug/L		91	75 - 125	2	20

Lab Sample ID: MB 480-378976/1-C
Matrix: Water
Analysis Batch: 379704

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 379278

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		2.0	0.50	ug/L		09/29/17 08:20	09/30/17 18:30	1
Calcium	ND		500	100	ug/L		09/29/17 08:20	09/30/17 18:30	1
Iron	21.62	J ^	50.0	19.3	ug/L		09/29/17 08:20	09/30/17 18:30	1
Lead	ND		10.0	3.0	ug/L		09/29/17 08:20	09/30/17 18:30	1
Magnesium	ND		200	43.4	ug/L		09/29/17 08:20	09/30/17 18:30	1
Manganese	0.560	J	3.0	0.40	ug/L		09/29/17 08:20	09/30/17 18:30	1
Potassium	ND		500	100	ug/L		09/29/17 08:20	09/30/17 18:30	1
Sodium	ND		1000	324	ug/L		09/29/17 08:20	09/30/17 18:30	1

Lab Sample ID: LCS 480-378976/2-C
Matrix: Water
Analysis Batch: 379704

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 379278

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	200	208.8		ug/L		104	80 - 120
Calcium	10000	10410		ug/L		104	80 - 120
Iron	10000	10350	^	ug/L		103	80 - 120
Lead	200	206.8		ug/L		103	80 - 120
Magnesium	10000	10520		ug/L		105	80 - 120

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-378976/2-C
Matrix: Water
Analysis Batch: 379704

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 379278

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	200	214.5		ug/L		107	80 - 120
Potassium	10000	10240		ug/L		102	80 - 120
Sodium	10000	10280		ug/L		103	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-379013/1-A
Matrix: Water
Analysis Batch: 379252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 379013

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.12	ug/L		09/27/17 13:35	09/27/17 18:31	1

Lab Sample ID: LCS 480-379013/2-A
Matrix: Water
Analysis Batch: 379252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 379013

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	6.67	5.83		ug/L		87	80 - 120

Lab Sample ID: 480-124782-6 MS
Matrix: Water
Analysis Batch: 379252

Client Sample ID: MW-101-6I
Prep Type: Total/NA
Prep Batch: 379013

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		6.67	6.28		ug/L		94	80 - 120

Lab Sample ID: 480-124782-6 MSD
Matrix: Water
Analysis Batch: 379252

Client Sample ID: MW-101-6I
Prep Type: Total/NA
Prep Batch: 379013

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		6.67	6.20		ug/L		93	80 - 120	1	20

Lab Sample ID: MB 480-378976/1-B
Matrix: Water
Analysis Batch: 379449

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 379249

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/28/17 13:40	09/28/17 19:59	1

Lab Sample ID: LCS 480-378976/2-B
Matrix: Water
Analysis Batch: 379449

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 379249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00612		mg/L		92	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 480-124782-1 MS
Matrix: Water
Analysis Batch: 379449

Client Sample ID: MW-101-1(R)
Prep Type: Dissolved
Prep Batch: 379249

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00628		mg/L		94	80 - 120

Lab Sample ID: 480-124782-1 MSD
Matrix: Water
Analysis Batch: 379449

Client Sample ID: MW-101-1(R)
Prep Type: Dissolved
Prep Batch: 379249

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00623		mg/L		93	80 - 120	1	20

Method: 310.2 - Alkalinity

Lab Sample ID: MB 480-379128/13
Matrix: Water
Analysis Batch: 379128

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	ND		10.0	4.0	mg/L			09/27/17 16:29	1

Lab Sample ID: MB 480-379128/23
Matrix: Water
Analysis Batch: 379128

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	ND		10.0	4.0	mg/L			09/27/17 17:41	1

Lab Sample ID: MB 480-379128/35
Matrix: Water
Analysis Batch: 379128

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	ND		10.0	4.0	mg/L			09/27/17 17:51	1

Lab Sample ID: MB 480-379128/54
Matrix: Water
Analysis Batch: 379128

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	ND		10.0	4.0	mg/L			09/27/17 18:57	1

Lab Sample ID: MB 480-379128/61
Matrix: Water
Analysis Batch: 379128

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	ND		10.0	4.0	mg/L			09/27/17 19:06	1

Method: 310.2 - Alkalinity (Continued)

Lab Sample ID: MB 480-379128/8
Matrix: Water
Analysis Batch: 379128

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	ND		10.0	4.0	mg/L			09/27/17 16:14	1

Lab Sample ID: MB 480-379128/87
Matrix: Water
Analysis Batch: 379128

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	ND		10.0	4.0	mg/L			09/27/17 19:39	1

Lab Sample ID: MB 480-379128/97
Matrix: Water
Analysis Batch: 379128

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	ND		10.0	4.0	mg/L			09/27/17 19:44	1

Lab Sample ID: LCS 480-379128/14
Matrix: Water
Analysis Batch: 379128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total	50.0	52.60		mg/L		105	90 - 110

Lab Sample ID: LCS 480-379128/24
Matrix: Water
Analysis Batch: 379128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total	50.0	54.26		mg/L		109	90 - 110

Lab Sample ID: LCS 480-379128/36
Matrix: Water
Analysis Batch: 379128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total	50.0	53.49		mg/L		107	90 - 110

Lab Sample ID: LCS 480-379128/55
Matrix: Water
Analysis Batch: 379128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total	50.0	54.22		mg/L		108	90 - 110

Lab Sample ID: LCS 480-379128/62
Matrix: Water
Analysis Batch: 379128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total	50.0	53.80		mg/L		108	90 - 110

QC Sample Results

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Lab Sample ID: LCS 480-379128/88
Matrix: Water
Analysis Batch: 379128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total	50.0	53.98		mg/L		108	90 - 110

Lab Sample ID: LCS 480-379128/9
Matrix: Water
Analysis Batch: 379128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total	50.0	52.43		mg/L		105	90 - 110

Lab Sample ID: LCS 480-379128/98
Matrix: Water
Analysis Batch: 379128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total	50.0	51.31		mg/L		103	90 - 110

Lab Sample ID: 480-124782-6 MS
Matrix: Water
Analysis Batch: 379128

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total	52.1		20.0	74.04		mg/L		109	60 - 140

Lab Sample ID: 480-124782-6 MSD
Matrix: Water
Analysis Batch: 379128

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Alkalinity, Total	52.1		20.0	74.49		mg/L		112	60 - 140	1	20

Lab Sample ID: 480-124782-8 MS
Matrix: Water
Analysis Batch: 379128

Client Sample ID: MW-101-7I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total	94.5		20.0	101.8	4	mg/L		37	60 - 140

Lab Sample ID: 480-124782-9 MS
Matrix: Water
Analysis Batch: 379128

Client Sample ID: MW-101-8S(R)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total	124		20.0	153.6	4	mg/L		150	60 - 140

Lab Sample ID: 480-124782-8 DU
Matrix: Water
Analysis Batch: 379128

Client Sample ID: MW-101-7I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity, Total	94.5		81.82		mg/L		14	20

Method: 310.2 - Alkalinity (Continued)

Lab Sample ID: 480-124782-9 DU
Matrix: Water
Analysis Batch: 379128

Client Sample ID: MW-101-8S(R)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity, Total	124			117.9		mg/L				5	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 480-378986/27
Matrix: Water
Analysis Batch: 378986

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	ND		0.020	0.0090	mg/L			09/27/17 10:47	1

Lab Sample ID: MB 480-378986/3
Matrix: Water
Analysis Batch: 378986

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	ND		0.020	0.0090	mg/L			09/27/17 10:26	1

Lab Sample ID: LCS 480-378986/28
Matrix: Water
Analysis Batch: 378986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ammonia as N			1.00	0.982		mg/L		98	90 - 110		

Lab Sample ID: LCS 480-378986/4
Matrix: Water
Analysis Batch: 378986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ammonia as N			1.00	1.06		mg/L		106	90 - 110		

Lab Sample ID: 480-124782-6 MS
Matrix: Water
Analysis Batch: 378986

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ammonia as N	ND	F1	0.200	0.143	F1	mg/L		72	90 - 110		

Lab Sample ID: 480-124782-6 MSD
Matrix: Water
Analysis Batch: 378986

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia as N	ND	F1	0.200	0.142	F1	mg/L		71	90 - 110	1	20

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: 480-124782-8 MS
Matrix: Water
Analysis Batch: 378986

Client Sample ID: MW-101-7I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia as N	0.32	F1	0.200	0.676	F1	mg/L		177	90 - 110

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 480-379148/1-A
Matrix: Water
Analysis Batch: 379262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 379148

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen	ND		0.20	0.15	mg/L		09/28/17 07:37	09/28/17 12:05	1

Lab Sample ID: LCS 480-379148/2-A
Matrix: Water
Analysis Batch: 379262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 379148

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Kjeldahl Nitrogen	2.50	2.47		mg/L		99	90 - 110

Lab Sample ID: MB 480-379150/1-A
Matrix: Water
Analysis Batch: 379262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 379150

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen	ND		0.20	0.15	mg/L		09/28/17 07:37	09/28/17 12:05	1

Lab Sample ID: LCS 480-379150/2-A
Matrix: Water
Analysis Batch: 379262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 379150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Kjeldahl Nitrogen	2.50	2.56		mg/L		103	90 - 110

Lab Sample ID: 480-124782-6 MS
Matrix: Water
Analysis Batch: 379262

Client Sample ID: MW-101-6I
Prep Type: Total/NA
Prep Batch: 379150

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Kjeldahl Nitrogen	ND	F1	1.00	0.767	F1	mg/L		77	90 - 110

Lab Sample ID: 480-124782-6 MSD
Matrix: Water
Analysis Batch: 379262

Client Sample ID: MW-101-6I
Prep Type: Total/NA
Prep Batch: 379150

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Kjeldahl Nitrogen	ND	F1	1.00	0.862	F1	mg/L		86	90 - 110	12	20

Method: 410.4 - COD

Lab Sample ID: MB 480-378876/3
Matrix: Water
Analysis Batch: 378876

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			09/26/17 17:32	1

Lab Sample ID: MB 480-378876/51
Matrix: Water
Analysis Batch: 378876

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			09/26/17 17:32	1

Lab Sample ID: LCS 480-378876/4
Matrix: Water
Analysis Batch: 378876

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	25.0	23.43		mg/L		94	90 - 110

Lab Sample ID: LCS 480-378876/52
Matrix: Water
Analysis Batch: 378876

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	25.0	23.74		mg/L		95	90 - 110

Lab Sample ID: 480-124782-6 MS
Matrix: Water
Analysis Batch: 378876

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	ND		50.0	50.65		mg/L		101	75 - 125

Lab Sample ID: 480-124782-6 MSD
Matrix: Water
Analysis Batch: 378876

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chemical Oxygen Demand	ND		50.0	51.29		mg/L		103	75 - 125	1	20

Lab Sample ID: 480-124782-13 MS
Matrix: Water
Analysis Batch: 378876

Client Sample ID: FDGW01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	7.9	J	50.0	56.35		mg/L		97	75 - 125

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 480-378848/27
Matrix: Water
Analysis Batch: 378848

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.010	0.0050	mg/L			09/26/17 10:45	1

Lab Sample ID: MB 480-378848/3
Matrix: Water
Analysis Batch: 378848

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.010	0.0050	mg/L			09/26/17 10:45	1

Lab Sample ID: LCS 480-378848/28
Matrix: Water
Analysis Batch: 378848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chromium, hexavalent			0.0500	0.0543		mg/L		109	85 - 115		

Lab Sample ID: LCS 480-378848/4
Matrix: Water
Analysis Batch: 378848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chromium, hexavalent			0.0500	0.0543		mg/L		109	85 - 115		

Lab Sample ID: 480-124782-6 MS
Matrix: Water
Analysis Batch: 378848

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chromium, hexavalent	ND	H	0.0500	0.0534	H	mg/L		107	85 - 115		

Lab Sample ID: 480-124782-6 MSD
Matrix: Water
Analysis Batch: 378848

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium, hexavalent	ND	H	0.0500	0.0552	H	mg/L		110	85 - 115	3	20

Lab Sample ID: 480-124782-12 MS
Matrix: Water
Analysis Batch: 378848

Client Sample ID: MW-2S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chromium, hexavalent	ND		1.25	1.25		mg/L		100	85 - 115		

Lab Sample ID: 480-124782-2 DU
Matrix: Water
Analysis Batch: 378848

Client Sample ID: MW-101-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Chromium, hexavalent	ND		ND		mg/L				NC	20

Lab Sample ID: 480-124782-11 DU
Matrix: Water
Analysis Batch: 378848

Client Sample ID: MW-101-10S(R)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chromium, hexavalent	ND		ND		mg/L		NC	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 480-379938/1-A
Matrix: Water
Analysis Batch: 380201

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 379938

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		0.010	0.0050	mg/L		10/03/17 10:15	10/04/17 10:23	1

Lab Sample ID: LCS 480-379938/2-A
Matrix: Water
Analysis Batch: 380201

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 379938

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	0.250	0.270		mg/L		108	90 - 110

Lab Sample ID: MB 480-380075/1-A
Matrix: Water
Analysis Batch: 380201

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 380075

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		0.010	0.0050	mg/L		10/04/17 04:30	10/04/17 12:03	1

Lab Sample ID: LCS 480-380075/2-A
Matrix: Water
Analysis Batch: 380201

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 380075

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	0.250	0.241		mg/L		96	90 - 110

Lab Sample ID: 480-124782-6 MS
Matrix: Water
Analysis Batch: 380201

Client Sample ID: MW-101-6I
Prep Type: Total/NA
Prep Batch: 380075

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	ND	F1 F2	0.100	0.0859	F1	mg/L		86	90 - 110

Lab Sample ID: 480-124782-6 MSD
Matrix: Water
Analysis Batch: 380201

Client Sample ID: MW-101-6I
Prep Type: Total/NA
Prep Batch: 380075

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide	ND	F1 F2	0.100	0.109	F2	mg/L		109	90 - 110	24	15

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 480-379762/28
Matrix: Water
Analysis Batch: 379762

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		0.20	0.073	mg/L			10/02/17 19:36	1
Chloride	ND		0.50	0.28	mg/L			10/02/17 19:36	1
Sulfate	ND		2.0	0.35	mg/L			10/02/17 19:36	1

Lab Sample ID: LCS 480-379762/27
Matrix: Water
Analysis Batch: 379762

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	5.00	4.59		mg/L		92	90 - 110
Chloride	50.0	49.39		mg/L		99	90 - 110
Sulfate	50.0	50.76		mg/L		102	90 - 110

Lab Sample ID: 480-124782-13 MS
Matrix: Water
Analysis Batch: 379762

Client Sample ID: FDGW01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	ND		10.0	9.87		mg/L		99	80 - 120
Chloride	116		100	210.4	E	mg/L		94	81 - 120
Sulfate	16.4		100	122.8		mg/L		106	80 - 120

Lab Sample ID: MB 480-380103/28
Matrix: Water
Analysis Batch: 380103

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		0.20	0.073	mg/L			10/04/17 15:24	1
Chloride	ND		0.50	0.28	mg/L			10/04/17 15:24	1
Sulfate	ND		2.0	0.35	mg/L			10/04/17 15:24	1

Lab Sample ID: MB 480-380103/4
Matrix: Water
Analysis Batch: 380103

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		0.20	0.073	mg/L			10/04/17 09:33	1
Chloride	ND		0.50	0.28	mg/L			10/04/17 09:33	1
Sulfate	ND		2.0	0.35	mg/L			10/04/17 09:33	1

Lab Sample ID: LCS 480-380103/27
Matrix: Water
Analysis Batch: 380103

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	5.00	5.08		mg/L		102	90 - 110
Chloride	50.0	50.05		mg/L		100	90 - 110
Sulfate	50.0	49.72		mg/L		99	90 - 110

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 480-380103/3
Matrix: Water
Analysis Batch: 380103

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	5.00	5.11		mg/L		102	90 - 110
Chloride	50.0	49.47		mg/L		99	90 - 110
Sulfate	50.0	48.82		mg/L		98	90 - 110

Lab Sample ID: 480-124782-6 MS
Matrix: Water
Analysis Batch: 380103

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	ND		5.00	5.11		mg/L		102	80 - 120
Chloride	16.5		50.0	66.53		mg/L		100	81 - 120
Sulfate	9.2		50.0	57.38		mg/L		96	80 - 120

Lab Sample ID: 480-124782-6 MSD
Matrix: Water
Analysis Batch: 380103

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromide	ND		5.00	5.13		mg/L		103	80 - 120	0	20
Chloride	16.5		50.0	66.29		mg/L		99	81 - 120	0	20
Sulfate	9.2		50.0	57.64		mg/L		97	80 - 120	0	20

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-379247/28
Matrix: Water
Analysis Batch: 379247

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.561	J	1.0	0.43	mg/L			09/27/17 20:27	1

Lab Sample ID: MB 480-379247/52
Matrix: Water
Analysis Batch: 379247

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.534	J	1.0	0.43	mg/L			09/28/17 07:35	1

Lab Sample ID: LCS 480-379247/29
Matrix: Water
Analysis Batch: 379247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	61.55		mg/L		103	90 - 110

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCS 480-379247/53
Matrix: Water
Analysis Batch: 379247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	62.72		mg/L		105	90 - 110

Lab Sample ID: 480-124782-6 MS
Matrix: Water
Analysis Batch: 379247

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	0.63	J B	20.0	21.63		mg/L		105	54 - 131

Lab Sample ID: 480-124782-6 MSD
Matrix: Water
Analysis Batch: 379247

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon	0.63	J B	20.0	20.94		mg/L		102	54 - 131	3	20

Lab Sample ID: 480-124782-12 MS
Matrix: Water
Analysis Batch: 379247

Client Sample ID: MW-2S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	2.7	B	20.0	23.51		mg/L		104	54 - 131

Lab Sample ID: 480-124782-11 DU
Matrix: Water
Analysis Batch: 379247

Client Sample ID: MW-101-10S(R)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon	3.6	B	3.22		mg/L		11	20

Method: 9065 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-379002/1-A
Matrix: Water
Analysis Batch: 379124

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 379002

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		09/27/17 09:44	09/27/17 15:54	1

Lab Sample ID: LCS 480-379002/2-A
Matrix: Water
Analysis Batch: 379124

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 379002

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.100	0.0942		mg/L		94	90 - 110

Method: 9065 - Phenolics, Total Recoverable (Continued)

Lab Sample ID: 480-124782-6 MS
Matrix: Water
Analysis Batch: 379124

Client Sample ID: MW-101-6I
Prep Type: Total/NA
Prep Batch: 379002

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	ND	F1	0.100	0.0808	F1	mg/L		81	90 - 110

Lab Sample ID: 480-124782-6 MSD
Matrix: Water
Analysis Batch: 379124

Client Sample ID: MW-101-6I
Prep Type: Total/NA
Prep Batch: 379002

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenolics, Total Recoverable	ND	F1	0.100	0.0802	F1	mg/L		80	90 - 110	1	20

Lab Sample ID: MB 480-379226/1-A
Matrix: Water
Analysis Batch: 379620

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 379226

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		09/28/17 11:38	09/30/17 12:13	1

Lab Sample ID: LCS 480-379226/2-A
Matrix: Water
Analysis Batch: 379620

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 379226

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.100	0.102		mg/L		102	90 - 110

Lab Sample ID: 480-124782-1 MS
Matrix: Water
Analysis Batch: 379620

Client Sample ID: MW-101-1(R)
Prep Type: Total/NA
Prep Batch: 379226

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.0085	J	0.100	0.102		mg/L		93	90 - 110

Lab Sample ID: MB 480-379227/1-A
Matrix: Water
Analysis Batch: 379620

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 379227

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010	0.0050	mg/L		09/28/17 11:40	09/30/17 11:54	1

Lab Sample ID: LCS 480-379227/2-A
Matrix: Water
Analysis Batch: 379620

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 379227

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.100	0.0983		mg/L		98	90 - 110

Lab Sample ID: 480-124782-10 MS
Matrix: Water
Analysis Batch: 379620

Client Sample ID: MW-101-8I(R)
Prep Type: Total/NA
Prep Batch: 379227

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.0065	J F1	0.100	0.0814	F1	mg/L		75	90 - 110

Lab Sample ID: 480-124782-11 DU
Matrix: Water
Analysis Batch: 379620

Client Sample ID: MW-101-10S(R)
Prep Type: Total/NA
Prep Batch: 379227

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Phenolics, Total Recoverable	ND			ND		mg/L				NC	20

Method: SM 2120B - Color, Colorimetric

Lab Sample ID: MB 480-378881/27
Matrix: Water
Analysis Batch: 378881

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Color	ND		5.00	5.00	Color Units			09/26/17 18:30	1

Lab Sample ID: MB 480-378881/3
Matrix: Water
Analysis Batch: 378881

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Color	ND		5.00	5.00	Color Units			09/26/17 18:30	1

Lab Sample ID: LCS 480-378881/28
Matrix: Water
Analysis Batch: 378881

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Color			30.0	30.00		Color Units		100	90 - 110		

Lab Sample ID: LCS 480-378881/4
Matrix: Water
Analysis Batch: 378881

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Color			30.0	30.00		Color Units		100	90 - 110		

Lab Sample ID: 480-124782-6 MS
Matrix: Water
Analysis Batch: 378881

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Color	ND		20.0	20.00		Color Units		100	33 - 162		

Lab Sample ID: 480-124782-6 MSD
Matrix: Water
Analysis Batch: 378881

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Color	ND		20.0	20.00		Color Units		100	33 - 162	0	20

Method: SM 2340C - Hardness, Total (mg/l as CaC03)

Lab Sample ID: MB 480-379309/27
Matrix: Water
Analysis Batch: 379309

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	ND		2.0	0.53	mg/L			09/28/17 13:10	1

Lab Sample ID: MB 480-379309/3
Matrix: Water
Analysis Batch: 379309

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	ND		2.0	0.53	mg/L			09/28/17 13:10	1

Lab Sample ID: LCS 480-379309/28
Matrix: Water
Analysis Batch: 379309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Hardness	213	212.0		mg/L		100	90 - 110

Lab Sample ID: LCS 480-379309/4
Matrix: Water
Analysis Batch: 379309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Hardness	213	216.0		mg/L		101	90 - 110

Lab Sample ID: 480-124782-6 MS
Matrix: Water
Analysis Batch: 379309

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Hardness	60.0		200	252.0		mg/L		96	74 - 130

Lab Sample ID: 480-124782-6 MSD
Matrix: Water
Analysis Batch: 379309

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Hardness	60.0		200	260.0		mg/L		100	74 - 130	3	15

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 480-378864/1
Matrix: Water
Analysis Batch: 378864

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			09/26/17 17:44	1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 480-378864/2
Matrix: Water
Analysis Batch: 378864

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			540	539.0		mg/L		100	85 - 115		

Lab Sample ID: MB 480-378867/1
Matrix: Water
Analysis Batch: 378867

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			09/26/17 17:57	1

Lab Sample ID: LCS 480-378867/2
Matrix: Water
Analysis Batch: 378867

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			540	533.0		mg/L		99	85 - 115		

Lab Sample ID: 480-124782-8 DU
Matrix: Water
Analysis Batch: 378867

Client Sample ID: MW-101-7I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	303			311.0		mg/L				3	10

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 480-378887/1
Matrix: Water
Analysis Batch: 378887

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			09/26/17 15:36	1

Lab Sample ID: LCS 480-378887/2
Matrix: Water
Analysis Batch: 378887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Biochemical Oxygen Demand			198	207.5		mg/L		105	85 - 115		

Lab Sample ID: 480-124782-6 MS
Matrix: Water
Analysis Batch: 378887

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Biochemical Oxygen Demand	ND		198	173.4		mg/L		88	51 - 143		

Method: SM 5210B - BOD, 5-Day (Continued)

Lab Sample ID: 480-124782-6 MSD
Matrix: Water
Analysis Batch: 378887

Client Sample ID: MW-101-6I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Biochemical Oxygen Demand	ND		198	168.6		mg/L		85	51 - 143	3	20

Lab Sample ID: USB 480-379063/1
Matrix: Water
Analysis Batch: 379063

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	ND		2.0	2.0	mg/L			09/27/17 11:40	1

Lab Sample ID: LCS 480-379063/2
Matrix: Water
Analysis Batch: 379063

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Biochemical Oxygen Demand			198	191.8		mg/L		97	85 - 115		

QC Association Summary

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

GC/MS VOA

Analysis Batch: 379676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	8260C	
480-124782-2	MW-101-3	Total/NA	Water	8260C	
480-124782-3	MW-101-4	Total/NA	Water	8260C	
480-124782-4	MW-101-5	Total/NA	Water	8260C	
480-124782-5	MW-101-6S	Total/NA	Water	8260C	
480-124782-6	MW-101-6I	Total/NA	Water	8260C	
480-124782-7	MW-101-7S	Total/NA	Water	8260C	
480-124782-8	MW-101-7I	Total/NA	Water	8260C	
480-124782-9	MW-101-8S(R)	Total/NA	Water	8260C	
480-124782-10	MW-101-8I(R)	Total/NA	Water	8260C	
480-124782-11	MW-101-10S(R)	Total/NA	Water	8260C	
480-124782-12	MW-2S	Total/NA	Water	8260C	
480-124782-13	FDGW01	Total/NA	Water	8260C	
MB 480-379676/7	Method Blank	Total/NA	Water	8260C	
LCS 480-379676/5	Lab Control Sample	Total/NA	Water	8260C	
480-124782-6 MS	MW-101-6I	Total/NA	Water	8260C	
480-124782-6 MSD	MW-101-6I	Total/NA	Water	8260C	

Analysis Batch: 379843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-14	TRIP BLANK	Total/NA	Water	8260C	
MB 480-379843/6	Method Blank	Total/NA	Water	8260C	
LCS 480-379843/4	Lab Control Sample	Total/NA	Water	8260C	

Metals

Prep Batch: 378862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	3005A	
480-124782-2	MW-101-3	Total/NA	Water	3005A	
480-124782-3	MW-101-4	Total/NA	Water	3005A	
480-124782-4	MW-101-5	Total/NA	Water	3005A	
480-124782-5	MW-101-6S	Total/NA	Water	3005A	
480-124782-6	MW-101-6I	Total/NA	Water	3005A	
480-124782-7	MW-101-7S	Total/NA	Water	3005A	
480-124782-8	MW-101-7I	Total/NA	Water	3005A	
480-124782-9	MW-101-8S(R)	Total/NA	Water	3005A	
480-124782-10	MW-101-8I(R)	Total/NA	Water	3005A	
480-124782-11	MW-101-10S(R)	Total/NA	Water	3005A	
480-124782-12	MW-2S	Total/NA	Water	3005A	
480-124782-13	FDGW01	Total/NA	Water	3005A	
MB 480-378862/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-378862/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-124782-6 MS	MW-101-6I	Total/NA	Water	3005A	
480-124782-6 MSD	MW-101-6I	Total/NA	Water	3005A	

Filtration Batch: 378976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Dissolved	Water	FILTRATION	
MB 480-378976/1-B	Method Blank	Dissolved	Water	FILTRATION	

Metals (Continued)

Filtration Batch: 378976 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-378976/1-C	Method Blank	Dissolved	Water	FILTRATION	
LCS 480-378976/2-B	Lab Control Sample	Dissolved	Water	FILTRATION	
LCS 480-378976/2-C	Lab Control Sample	Dissolved	Water	FILTRATION	
480-124782-1 MS	MW-101-1(R)	Dissolved	Water	FILTRATION	
480-124782-1 MSD	MW-101-1(R)	Dissolved	Water	FILTRATION	

Prep Batch: 379013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	7470A	
480-124782-2	MW-101-3	Total/NA	Water	7470A	
480-124782-3	MW-101-4	Total/NA	Water	7470A	
480-124782-4	MW-101-5	Total/NA	Water	7470A	
480-124782-5	MW-101-6S	Total/NA	Water	7470A	
480-124782-6	MW-101-6I	Total/NA	Water	7470A	
480-124782-7	MW-101-7S	Total/NA	Water	7470A	
480-124782-8	MW-101-7I	Total/NA	Water	7470A	
480-124782-9	MW-101-8S(R)	Total/NA	Water	7470A	
480-124782-10	MW-101-8I(R)	Total/NA	Water	7470A	
480-124782-11	MW-101-10S(R)	Total/NA	Water	7470A	
480-124782-12	MW-2S	Total/NA	Water	7470A	
480-124782-13	FDGW01	Total/NA	Water	7470A	
MB 480-379013/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-379013/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-124782-6 MS	MW-101-6I	Total/NA	Water	7470A	
480-124782-6 MSD	MW-101-6I	Total/NA	Water	7470A	

Analysis Batch: 379179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	6010C	378862
480-124782-2	MW-101-3	Total/NA	Water	6010C	378862
480-124782-3	MW-101-4	Total/NA	Water	6010C	378862
480-124782-4	MW-101-5	Total/NA	Water	6010C	378862
480-124782-5	MW-101-6S	Total/NA	Water	6010C	378862
480-124782-6	MW-101-6I	Total/NA	Water	6010C	378862
480-124782-7	MW-101-7S	Total/NA	Water	6010C	378862
480-124782-8	MW-101-7I	Total/NA	Water	6010C	378862
480-124782-9	MW-101-8S(R)	Total/NA	Water	6010C	378862
480-124782-10	MW-101-8I(R)	Total/NA	Water	6010C	378862
480-124782-11	MW-101-10S(R)	Total/NA	Water	6010C	378862
480-124782-12	MW-2S	Total/NA	Water	6010C	378862
480-124782-13	FDGW01	Total/NA	Water	6010C	378862
MB 480-378862/1-A	Method Blank	Total/NA	Water	6010C	378862
LCS 480-378862/2-A	Lab Control Sample	Total/NA	Water	6010C	378862
480-124782-6 MS	MW-101-6I	Total/NA	Water	6010C	378862
480-124782-6 MSD	MW-101-6I	Total/NA	Water	6010C	378862

Prep Batch: 379249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Dissolved	Water	7470A	378976
MB 480-378976/1-B	Method Blank	Dissolved	Water	7470A	378976
LCS 480-378976/2-B	Lab Control Sample	Dissolved	Water	7470A	378976

Metals (Continued)

Prep Batch: 379249 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1 MS	MW-101-1(R)	Dissolved	Water	7470A	378976
480-124782-1 MSD	MW-101-1(R)	Dissolved	Water	7470A	378976

Analysis Batch: 379252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	7470A	379013
480-124782-2	MW-101-3	Total/NA	Water	7470A	379013
480-124782-3	MW-101-4	Total/NA	Water	7470A	379013
480-124782-4	MW-101-5	Total/NA	Water	7470A	379013
480-124782-5	MW-101-6S	Total/NA	Water	7470A	379013
480-124782-6	MW-101-6I	Total/NA	Water	7470A	379013
480-124782-7	MW-101-7S	Total/NA	Water	7470A	379013
480-124782-8	MW-101-7I	Total/NA	Water	7470A	379013
480-124782-9	MW-101-8S(R)	Total/NA	Water	7470A	379013
480-124782-10	MW-101-8I(R)	Total/NA	Water	7470A	379013
480-124782-11	MW-101-10S(R)	Total/NA	Water	7470A	379013
480-124782-12	MW-2S	Total/NA	Water	7470A	379013
480-124782-13	FDGW01	Total/NA	Water	7470A	379013
MB 480-379013/1-A	Method Blank	Total/NA	Water	7470A	379013
LCS 480-379013/2-A	Lab Control Sample	Total/NA	Water	7470A	379013
480-124782-6 MS	MW-101-6I	Total/NA	Water	7470A	379013
480-124782-6 MSD	MW-101-6I	Total/NA	Water	7470A	379013

Prep Batch: 379278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Dissolved	Water	3005A	378976
MB 480-378976/1-C	Method Blank	Dissolved	Water	3005A	378976
LCS 480-378976/2-C	Lab Control Sample	Dissolved	Water	3005A	378976

Analysis Batch: 379449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Dissolved	Water	7470A	379249
MB 480-378976/1-B	Method Blank	Dissolved	Water	7470A	379249
LCS 480-378976/2-B	Lab Control Sample	Dissolved	Water	7470A	379249
480-124782-1 MS	MW-101-1(R)	Dissolved	Water	7470A	379249
480-124782-1 MSD	MW-101-1(R)	Dissolved	Water	7470A	379249

Analysis Batch: 379704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Dissolved	Water	6010C	379278
MB 480-378976/1-C	Method Blank	Dissolved	Water	6010C	379278
LCS 480-378976/2-C	Lab Control Sample	Dissolved	Water	6010C	379278

General Chemistry

Analysis Batch: 378848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	7196A	
480-124782-2	MW-101-3	Total/NA	Water	7196A	
480-124782-3	MW-101-4	Total/NA	Water	7196A	

General Chemistry (Continued)

Analysis Batch: 378848 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-4	MW-101-5	Total/NA	Water	7196A	
480-124782-5	MW-101-6S	Total/NA	Water	7196A	
480-124782-6	MW-101-6I	Total/NA	Water	7196A	
480-124782-7	MW-101-7S	Total/NA	Water	7196A	
480-124782-8	MW-101-7I	Total/NA	Water	7196A	
480-124782-9	MW-101-8S(R)	Total/NA	Water	7196A	
480-124782-10	MW-101-8I(R)	Total/NA	Water	7196A	
480-124782-11	MW-101-10S(R)	Total/NA	Water	7196A	
480-124782-12	MW-2S	Total/NA	Water	7196A	
480-124782-13	FDGW01	Total/NA	Water	7196A	
MB 480-378848/27	Method Blank	Total/NA	Water	7196A	
MB 480-378848/3	Method Blank	Total/NA	Water	7196A	
LCS 480-378848/28	Lab Control Sample	Total/NA	Water	7196A	
LCS 480-378848/4	Lab Control Sample	Total/NA	Water	7196A	
480-124782-6 MS	MW-101-6I	Total/NA	Water	7196A	
480-124782-6 MSD	MW-101-6I	Total/NA	Water	7196A	
480-124782-12 MS	MW-2S	Total/NA	Water	7196A	
480-124782-2 DU	MW-101-3	Total/NA	Water	7196A	
480-124782-11 DU	MW-101-10S(R)	Total/NA	Water	7196A	

Analysis Batch: 378864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	SM 2540C	
480-124782-2	MW-101-3	Total/NA	Water	SM 2540C	
480-124782-3	MW-101-4	Total/NA	Water	SM 2540C	
480-124782-4	MW-101-5	Total/NA	Water	SM 2540C	
480-124782-5	MW-101-6S	Total/NA	Water	SM 2540C	
MB 480-378864/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 480-378864/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 378867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-6	MW-101-6I	Total/NA	Water	SM 2540C	
480-124782-7	MW-101-7S	Total/NA	Water	SM 2540C	
480-124782-8	MW-101-7I	Total/NA	Water	SM 2540C	
480-124782-9	MW-101-8S(R)	Total/NA	Water	SM 2540C	
480-124782-10	MW-101-8I(R)	Total/NA	Water	SM 2540C	
480-124782-11	MW-101-10S(R)	Total/NA	Water	SM 2540C	
480-124782-12	MW-2S	Total/NA	Water	SM 2540C	
480-124782-13	FDGW01	Total/NA	Water	SM 2540C	
MB 480-378867/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 480-378867/2	Lab Control Sample	Total/NA	Water	SM 2540C	
480-124782-8 DU	MW-101-7I	Total/NA	Water	SM 2540C	

Analysis Batch: 378876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	410.4	
480-124782-2	MW-101-3	Total/NA	Water	410.4	
480-124782-3	MW-101-4	Total/NA	Water	410.4	
480-124782-4	MW-101-5	Total/NA	Water	410.4	
480-124782-5	MW-101-6S	Total/NA	Water	410.4	

General Chemistry (Continued)

Analysis Batch: 378876 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-6	MW-101-6I	Total/NA	Water	410.4	
480-124782-7	MW-101-7S	Total/NA	Water	410.4	
480-124782-8	MW-101-7I	Total/NA	Water	410.4	
480-124782-9	MW-101-8S(R)	Total/NA	Water	410.4	
480-124782-10	MW-101-8I(R)	Total/NA	Water	410.4	
480-124782-11	MW-101-10S(R)	Total/NA	Water	410.4	
480-124782-12	MW-2S	Total/NA	Water	410.4	
480-124782-13	FDGW01	Total/NA	Water	410.4	
MB 480-378876/3	Method Blank	Total/NA	Water	410.4	
MB 480-378876/51	Method Blank	Total/NA	Water	410.4	
LCS 480-378876/4	Lab Control Sample	Total/NA	Water	410.4	
LCS 480-378876/52	Lab Control Sample	Total/NA	Water	410.4	
480-124782-6 MS	MW-101-6I	Total/NA	Water	410.4	
480-124782-6 MSD	MW-101-6I	Total/NA	Water	410.4	
480-124782-13 MS	FDGW01	Total/NA	Water	410.4	

Analysis Batch: 378881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	SM 2120B	
480-124782-2	MW-101-3	Total/NA	Water	SM 2120B	
480-124782-3	MW-101-4	Total/NA	Water	SM 2120B	
480-124782-4	MW-101-5	Total/NA	Water	SM 2120B	
480-124782-5	MW-101-6S	Total/NA	Water	SM 2120B	
480-124782-6	MW-101-6I	Total/NA	Water	SM 2120B	
480-124782-7	MW-101-7S	Total/NA	Water	SM 2120B	
480-124782-8	MW-101-7I	Total/NA	Water	SM 2120B	
480-124782-9	MW-101-8S(R)	Total/NA	Water	SM 2120B	
480-124782-10	MW-101-8I(R)	Total/NA	Water	SM 2120B	
480-124782-11	MW-101-10S(R)	Total/NA	Water	SM 2120B	
480-124782-12	MW-2S	Total/NA	Water	SM 2120B	
480-124782-13	FDGW01	Total/NA	Water	SM 2120B	
MB 480-378881/27	Method Blank	Total/NA	Water	SM 2120B	
MB 480-378881/3	Method Blank	Total/NA	Water	SM 2120B	
LCS 480-378881/28	Lab Control Sample	Total/NA	Water	SM 2120B	
LCS 480-378881/4	Lab Control Sample	Total/NA	Water	SM 2120B	
480-124782-6 MS	MW-101-6I	Total/NA	Water	SM 2120B	
480-124782-6 MSD	MW-101-6I	Total/NA	Water	SM 2120B	

Analysis Batch: 378887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	SM 5210B	
480-124782-3	MW-101-4	Total/NA	Water	SM 5210B	
480-124782-4	MW-101-5	Total/NA	Water	SM 5210B	
480-124782-5	MW-101-6S	Total/NA	Water	SM 5210B	
480-124782-6	MW-101-6I	Total/NA	Water	SM 5210B	
480-124782-7	MW-101-7S	Total/NA	Water	SM 5210B	
480-124782-8	MW-101-7I	Total/NA	Water	SM 5210B	
480-124782-9	MW-101-8S(R)	Total/NA	Water	SM 5210B	
480-124782-10	MW-101-8I(R)	Total/NA	Water	SM 5210B	
480-124782-12	MW-2S	Total/NA	Water	SM 5210B	
480-124782-13	FDGW01	Total/NA	Water	SM 5210B	

General Chemistry (Continued)

Analysis Batch: 378887 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
USB 480-378887/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-378887/2	Lab Control Sample	Total/NA	Water	SM 5210B	
480-124782-6 MS	MW-101-6I	Total/NA	Water	SM 5210B	
480-124782-6 MSD	MW-101-6I	Total/NA	Water	SM 5210B	

Analysis Batch: 378892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	353.2	
480-124782-2	MW-101-3	Total/NA	Water	353.2	
480-124782-3	MW-101-4	Total/NA	Water	353.2	
480-124782-4	MW-101-5	Total/NA	Water	353.2	
480-124782-5	MW-101-6S	Total/NA	Water	353.2	
480-124782-6	MW-101-6I	Total/NA	Water	353.2	
480-124782-7	MW-101-7S	Total/NA	Water	353.2	
480-124782-8	MW-101-7I	Total/NA	Water	353.2	
480-124782-9	MW-101-8S(R)	Total/NA	Water	353.2	
480-124782-10	MW-101-8I(R)	Total/NA	Water	353.2	
480-124782-11	MW-101-10S(R)	Total/NA	Water	353.2	
480-124782-12	MW-2S	Total/NA	Water	353.2	
480-124782-13	FDGW01	Total/NA	Water	353.2	

Analysis Batch: 378986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	350.1	
480-124782-2	MW-101-3	Total/NA	Water	350.1	
480-124782-3	MW-101-4	Total/NA	Water	350.1	
480-124782-4	MW-101-5	Total/NA	Water	350.1	
480-124782-5	MW-101-6S	Total/NA	Water	350.1	
480-124782-6	MW-101-6I	Total/NA	Water	350.1	
480-124782-7	MW-101-7S	Total/NA	Water	350.1	
480-124782-8	MW-101-7I	Total/NA	Water	350.1	
480-124782-9	MW-101-8S(R)	Total/NA	Water	350.1	
480-124782-10	MW-101-8I(R)	Total/NA	Water	350.1	
480-124782-11	MW-101-10S(R)	Total/NA	Water	350.1	
480-124782-12	MW-2S	Total/NA	Water	350.1	
480-124782-13	FDGW01	Total/NA	Water	350.1	
MB 480-378986/27	Method Blank	Total/NA	Water	350.1	
MB 480-378986/3	Method Blank	Total/NA	Water	350.1	
LCS 480-378986/28	Lab Control Sample	Total/NA	Water	350.1	
LCS 480-378986/4	Lab Control Sample	Total/NA	Water	350.1	
480-124782-6 MS	MW-101-6I	Total/NA	Water	350.1	
480-124782-6 MSD	MW-101-6I	Total/NA	Water	350.1	
480-124782-8 MS	MW-101-7I	Total/NA	Water	350.1	

Prep Batch: 379002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-6	MW-101-6I	Total/NA	Water	Distill/Phenol	
MB 480-379002/1-A	Method Blank	Total/NA	Water	Distill/Phenol	
LCS 480-379002/2-A	Lab Control Sample	Total/NA	Water	Distill/Phenol	
480-124782-6 MS	MW-101-6I	Total/NA	Water	Distill/Phenol	
480-124782-6 MSD	MW-101-6I	Total/NA	Water	Distill/Phenol	

QC Association Summary

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Analysis Batch: 379063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-2	MW-101-3	Total/NA	Water	SM 5210B	
480-124782-11	MW-101-10S(R)	Total/NA	Water	SM 5210B	
USB 480-379063/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 480-379063/2	Lab Control Sample	Total/NA	Water	SM 5210B	

Analysis Batch: 379124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-6	MW-101-6I	Total/NA	Water	9065	379002
MB 480-379002/1-A	Method Blank	Total/NA	Water	9065	379002
LCS 480-379002/2-A	Lab Control Sample	Total/NA	Water	9065	379002
480-124782-6 MS	MW-101-6I	Total/NA	Water	9065	379002
480-124782-6 MSD	MW-101-6I	Total/NA	Water	9065	379002

Analysis Batch: 379128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	310.2	
480-124782-2	MW-101-3	Total/NA	Water	310.2	
480-124782-3	MW-101-4	Total/NA	Water	310.2	
480-124782-4	MW-101-5	Total/NA	Water	310.2	
480-124782-5	MW-101-6S	Total/NA	Water	310.2	
480-124782-6	MW-101-6I	Total/NA	Water	310.2	
480-124782-7	MW-101-7S	Total/NA	Water	310.2	
480-124782-8	MW-101-7I	Total/NA	Water	310.2	
480-124782-9	MW-101-8S(R)	Total/NA	Water	310.2	
480-124782-10	MW-101-8I(R)	Total/NA	Water	310.2	
480-124782-11	MW-101-10S(R)	Total/NA	Water	310.2	
480-124782-12	MW-2S	Total/NA	Water	310.2	
480-124782-13	FDGW01	Total/NA	Water	310.2	
MB 480-379128/13	Method Blank	Total/NA	Water	310.2	
MB 480-379128/23	Method Blank	Total/NA	Water	310.2	
MB 480-379128/35	Method Blank	Total/NA	Water	310.2	
MB 480-379128/54	Method Blank	Total/NA	Water	310.2	
MB 480-379128/61	Method Blank	Total/NA	Water	310.2	
MB 480-379128/8	Method Blank	Total/NA	Water	310.2	
MB 480-379128/87	Method Blank	Total/NA	Water	310.2	
MB 480-379128/97	Method Blank	Total/NA	Water	310.2	
LCS 480-379128/14	Lab Control Sample	Total/NA	Water	310.2	
LCS 480-379128/24	Lab Control Sample	Total/NA	Water	310.2	
LCS 480-379128/36	Lab Control Sample	Total/NA	Water	310.2	
LCS 480-379128/55	Lab Control Sample	Total/NA	Water	310.2	
LCS 480-379128/62	Lab Control Sample	Total/NA	Water	310.2	
LCS 480-379128/88	Lab Control Sample	Total/NA	Water	310.2	
LCS 480-379128/9	Lab Control Sample	Total/NA	Water	310.2	
LCS 480-379128/98	Lab Control Sample	Total/NA	Water	310.2	
480-124782-6 MS	MW-101-6I	Total/NA	Water	310.2	
480-124782-6 MSD	MW-101-6I	Total/NA	Water	310.2	
480-124782-8 MS	MW-101-7I	Total/NA	Water	310.2	
480-124782-9 MS	MW-101-8S(R)	Total/NA	Water	310.2	
480-124782-8 DU	MW-101-7I	Total/NA	Water	310.2	
480-124782-9 DU	MW-101-8S(R)	Total/NA	Water	310.2	

General Chemistry (Continued)

Prep Batch: 379148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	351.2	
MB 480-379148/1-A	Method Blank	Total/NA	Water	351.2	
LCS 480-379148/2-A	Lab Control Sample	Total/NA	Water	351.2	

Prep Batch: 379150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-2	MW-101-3	Total/NA	Water	351.2	
480-124782-3	MW-101-4	Total/NA	Water	351.2	
480-124782-4	MW-101-5	Total/NA	Water	351.2	
480-124782-5	MW-101-6S	Total/NA	Water	351.2	
480-124782-6	MW-101-6I	Total/NA	Water	351.2	
480-124782-7	MW-101-7S	Total/NA	Water	351.2	
480-124782-8	MW-101-7I	Total/NA	Water	351.2	
480-124782-9	MW-101-8S(R)	Total/NA	Water	351.2	
480-124782-10	MW-101-8I(R)	Total/NA	Water	351.2	
480-124782-11	MW-101-10S(R)	Total/NA	Water	351.2	
480-124782-12	MW-2S	Total/NA	Water	351.2	
480-124782-13	FDGW01	Total/NA	Water	351.2	
MB 480-379150/1-A	Method Blank	Total/NA	Water	351.2	
LCS 480-379150/2-A	Lab Control Sample	Total/NA	Water	351.2	
480-124782-6 MS	MW-101-6I	Total/NA	Water	351.2	
480-124782-6 MSD	MW-101-6I	Total/NA	Water	351.2	

Prep Batch: 379226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	Distill/Phenol	
480-124782-2	MW-101-3	Total/NA	Water	Distill/Phenol	
480-124782-3	MW-101-4	Total/NA	Water	Distill/Phenol	
480-124782-4	MW-101-5	Total/NA	Water	Distill/Phenol	
480-124782-5	MW-101-6S	Total/NA	Water	Distill/Phenol	
480-124782-7	MW-101-7S	Total/NA	Water	Distill/Phenol	
480-124782-8	MW-101-7I	Total/NA	Water	Distill/Phenol	
480-124782-9	MW-101-8S(R)	Total/NA	Water	Distill/Phenol	
MB 480-379226/1-A	Method Blank	Total/NA	Water	Distill/Phenol	
LCS 480-379226/2-A	Lab Control Sample	Total/NA	Water	Distill/Phenol	
480-124782-1 MS	MW-101-1(R)	Total/NA	Water	Distill/Phenol	

Prep Batch: 379227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-10	MW-101-8I(R)	Total/NA	Water	Distill/Phenol	
480-124782-11	MW-101-10S(R)	Total/NA	Water	Distill/Phenol	
480-124782-12	MW-2S	Total/NA	Water	Distill/Phenol	
480-124782-13	FDGW01	Total/NA	Water	Distill/Phenol	
MB 480-379227/1-A	Method Blank	Total/NA	Water	Distill/Phenol	
LCS 480-379227/2-A	Lab Control Sample	Total/NA	Water	Distill/Phenol	
480-124782-10 MS	MW-101-8I(R)	Total/NA	Water	Distill/Phenol	
480-124782-11 DU	MW-101-10S(R)	Total/NA	Water	Distill/Phenol	

Analysis Batch: 379247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	9060A	

General Chemistry (Continued)

Analysis Batch: 379247 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-2	MW-101-3	Total/NA	Water	9060A	
480-124782-3	MW-101-4	Total/NA	Water	9060A	
480-124782-4	MW-101-5	Total/NA	Water	9060A	
480-124782-5	MW-101-6S	Total/NA	Water	9060A	
480-124782-6	MW-101-6I	Total/NA	Water	9060A	
480-124782-7	MW-101-7S	Total/NA	Water	9060A	
480-124782-8	MW-101-7I	Total/NA	Water	9060A	
480-124782-9	MW-101-8S(R)	Total/NA	Water	9060A	
480-124782-10	MW-101-8I(R)	Total/NA	Water	9060A	
480-124782-11	MW-101-10S(R)	Total/NA	Water	9060A	
480-124782-12	MW-2S	Total/NA	Water	9060A	
480-124782-13	FDGW01	Total/NA	Water	9060A	
MB 480-379247/28	Method Blank	Total/NA	Water	9060A	
MB 480-379247/52	Method Blank	Total/NA	Water	9060A	
LCS 480-379247/29	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-379247/53	Lab Control Sample	Total/NA	Water	9060A	
480-124782-6 MS	MW-101-6I	Total/NA	Water	9060A	
480-124782-6 MSD	MW-101-6I	Total/NA	Water	9060A	
480-124782-12 MS	MW-2S	Total/NA	Water	9060A	
480-124782-11 DU	MW-101-10S(R)	Total/NA	Water	9060A	

Analysis Batch: 379262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	351.2	379148
480-124782-2	MW-101-3	Total/NA	Water	351.2	379150
480-124782-3	MW-101-4	Total/NA	Water	351.2	379150
480-124782-4	MW-101-5	Total/NA	Water	351.2	379150
480-124782-5	MW-101-6S	Total/NA	Water	351.2	379150
480-124782-6	MW-101-6I	Total/NA	Water	351.2	379150
480-124782-7	MW-101-7S	Total/NA	Water	351.2	379150
480-124782-8	MW-101-7I	Total/NA	Water	351.2	379150
480-124782-9	MW-101-8S(R)	Total/NA	Water	351.2	379150
480-124782-10	MW-101-8I(R)	Total/NA	Water	351.2	379150
480-124782-11	MW-101-10S(R)	Total/NA	Water	351.2	379150
480-124782-12	MW-2S	Total/NA	Water	351.2	379150
480-124782-13	FDGW01	Total/NA	Water	351.2	379150
MB 480-379148/1-A	Method Blank	Total/NA	Water	351.2	379148
MB 480-379150/1-A	Method Blank	Total/NA	Water	351.2	379150
LCS 480-379148/2-A	Lab Control Sample	Total/NA	Water	351.2	379148
LCS 480-379150/2-A	Lab Control Sample	Total/NA	Water	351.2	379150
480-124782-6 MS	MW-101-6I	Total/NA	Water	351.2	379150
480-124782-6 MSD	MW-101-6I	Total/NA	Water	351.2	379150

Analysis Batch: 379309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	SM 2340C	
480-124782-2	MW-101-3	Total/NA	Water	SM 2340C	
480-124782-3	MW-101-4	Total/NA	Water	SM 2340C	
480-124782-4	MW-101-5	Total/NA	Water	SM 2340C	
480-124782-5	MW-101-6S	Total/NA	Water	SM 2340C	
480-124782-6	MW-101-6I	Total/NA	Water	SM 2340C	

General Chemistry (Continued)

Analysis Batch: 379309 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-7	MW-101-7S	Total/NA	Water	SM 2340C	
480-124782-8	MW-101-7I	Total/NA	Water	SM 2340C	
480-124782-9	MW-101-8S(R)	Total/NA	Water	SM 2340C	
480-124782-10	MW-101-8I(R)	Total/NA	Water	SM 2340C	
480-124782-11	MW-101-10S(R)	Total/NA	Water	SM 2340C	
480-124782-12	MW-2S	Total/NA	Water	SM 2340C	
480-124782-13	FDGW01	Total/NA	Water	SM 2340C	
MB 480-379309/27	Method Blank	Total/NA	Water	SM 2340C	
MB 480-379309/3	Method Blank	Total/NA	Water	SM 2340C	
LCS 480-379309/28	Lab Control Sample	Total/NA	Water	SM 2340C	
LCS 480-379309/4	Lab Control Sample	Total/NA	Water	SM 2340C	
480-124782-6 MS	MW-101-6I	Total/NA	Water	SM 2340C	
480-124782-6 MSD	MW-101-6I	Total/NA	Water	SM 2340C	

Analysis Batch: 379620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	9065	379226
480-124782-2	MW-101-3	Total/NA	Water	9065	379226
480-124782-3	MW-101-4	Total/NA	Water	9065	379226
480-124782-4	MW-101-5	Total/NA	Water	9065	379226
480-124782-5	MW-101-6S	Total/NA	Water	9065	379226
480-124782-7	MW-101-7S	Total/NA	Water	9065	379226
480-124782-8	MW-101-7I	Total/NA	Water	9065	379226
480-124782-9	MW-101-8S(R)	Total/NA	Water	9065	379226
480-124782-10	MW-101-8I(R)	Total/NA	Water	9065	379227
480-124782-11	MW-101-10S(R)	Total/NA	Water	9065	379227
480-124782-12	MW-2S	Total/NA	Water	9065	379227
480-124782-13	FDGW01	Total/NA	Water	9065	379227
MB 480-379226/1-A	Method Blank	Total/NA	Water	9065	379226
MB 480-379227/1-A	Method Blank	Total/NA	Water	9065	379227
LCS 480-379226/2-A	Lab Control Sample	Total/NA	Water	9065	379226
LCS 480-379227/2-A	Lab Control Sample	Total/NA	Water	9065	379227
480-124782-1 MS	MW-101-1(R)	Total/NA	Water	9065	379226
480-124782-10 MS	MW-101-8I(R)	Total/NA	Water	9065	379227
480-124782-11 DU	MW-101-10S(R)	Total/NA	Water	9065	379227

Analysis Batch: 379762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	9056A	
480-124782-2	MW-101-3	Total/NA	Water	9056A	
480-124782-3	MW-101-4	Total/NA	Water	9056A	
480-124782-4	MW-101-5	Total/NA	Water	9056A	
480-124782-5	MW-101-6S	Total/NA	Water	9056A	
480-124782-7	MW-101-7S	Total/NA	Water	9056A	
480-124782-8	MW-101-7I	Total/NA	Water	9056A	
480-124782-9	MW-101-8S(R)	Total/NA	Water	9056A	
480-124782-10	MW-101-8I(R)	Total/NA	Water	9056A	
480-124782-11	MW-101-10S(R)	Total/NA	Water	9056A	
480-124782-12	MW-2S	Total/NA	Water	9056A	
480-124782-13	FDGW01	Total/NA	Water	9056A	
MB 480-379762/28	Method Blank	Total/NA	Water	9056A	

General Chemistry (Continued)

Analysis Batch: 379762 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-379762/27	Lab Control Sample	Total/NA	Water	9056A	
480-124782-13 MS	FDGW01	Total/NA	Water	9056A	

Prep Batch: 379938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	9012B	
480-124782-2	MW-101-3	Total/NA	Water	9012B	
480-124782-3	MW-101-4	Total/NA	Water	9012B	
480-124782-4	MW-101-5	Total/NA	Water	9012B	
480-124782-5	MW-101-6S	Total/NA	Water	9012B	
MB 480-379938/1-A	Method Blank	Total/NA	Water	9012B	
LCS 480-379938/2-A	Lab Control Sample	Total/NA	Water	9012B	

Prep Batch: 380075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-6	MW-101-6I	Total/NA	Water	9012B	
480-124782-7	MW-101-7S	Total/NA	Water	9012B	
480-124782-8	MW-101-7I	Total/NA	Water	9012B	
480-124782-9	MW-101-8S(R)	Total/NA	Water	9012B	
480-124782-10	MW-101-8I(R)	Total/NA	Water	9012B	
480-124782-11	MW-101-10S(R)	Total/NA	Water	9012B	
480-124782-12	MW-2S	Total/NA	Water	9012B	
480-124782-13	FDGW01	Total/NA	Water	9012B	
MB 480-380075/1-A	Method Blank	Total/NA	Water	9012B	
LCS 480-380075/2-A	Lab Control Sample	Total/NA	Water	9012B	
480-124782-6 MS	MW-101-6I	Total/NA	Water	9012B	
480-124782-6 MSD	MW-101-6I	Total/NA	Water	9012B	

Analysis Batch: 380103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-2	MW-101-3	Total/NA	Water	9056A	
480-124782-6	MW-101-6I	Total/NA	Water	9056A	
MB 480-380103/28	Method Blank	Total/NA	Water	9056A	
MB 480-380103/4	Method Blank	Total/NA	Water	9056A	
LCS 480-380103/27	Lab Control Sample	Total/NA	Water	9056A	
LCS 480-380103/3	Lab Control Sample	Total/NA	Water	9056A	
480-124782-6 MS	MW-101-6I	Total/NA	Water	9056A	
480-124782-6 MSD	MW-101-6I	Total/NA	Water	9056A	

Analysis Batch: 380201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-1	MW-101-1(R)	Total/NA	Water	9012B	379938
480-124782-2	MW-101-3	Total/NA	Water	9012B	379938
480-124782-3	MW-101-4	Total/NA	Water	9012B	379938
480-124782-4	MW-101-5	Total/NA	Water	9012B	379938
480-124782-5	MW-101-6S	Total/NA	Water	9012B	379938
480-124782-6	MW-101-6I	Total/NA	Water	9012B	380075
480-124782-7	MW-101-7S	Total/NA	Water	9012B	380075
480-124782-8	MW-101-7I	Total/NA	Water	9012B	380075
480-124782-9	MW-101-8S(R)	Total/NA	Water	9012B	380075
480-124782-10	MW-101-8I(R)	Total/NA	Water	9012B	380075

General Chemistry (Continued)

Analysis Batch: 380201 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-124782-11	MW-101-10S(R)	Total/NA	Water	9012B	380075
480-124782-12	MW-2S	Total/NA	Water	9012B	380075
480-124782-13	FDGW01	Total/NA	Water	9012B	380075
MB 480-379938/1-A	Method Blank	Total/NA	Water	9012B	379938
MB 480-380075/1-A	Method Blank	Total/NA	Water	9012B	380075
LCS 480-379938/2-A	Lab Control Sample	Total/NA	Water	9012B	379938
LCS 480-380075/2-A	Lab Control Sample	Total/NA	Water	9012B	380075
480-124782-6 MS	MW-101-6I	Total/NA	Water	9012B	380075
480-124782-6 MSD	MW-101-6I	Total/NA	Water	9012B	380075

Lab Chronicle

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Client Sample ID: MW-101-1(R)

Date Collected: 09/25/17 15:00
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	379676	10/02/17 12:40	KMN	TAL BUF
Dissolved	Filtration	FILTRATION			378976	09/27/17 10:55	EMB	TAL BUF
Dissolved	Prep	3005A			379278	09/29/17 08:20	EMB	TAL BUF
Dissolved	Analysis	6010C		1	379704	09/30/17 18:47	AMH	TAL BUF
Total/NA	Prep	3005A			378862	09/27/17 08:25	MJW	TAL BUF
Total/NA	Analysis	6010C		1	379179	09/28/17 01:18	LMH	TAL BUF
Dissolved	Filtration	FILTRATION			378976	09/27/17 10:55	EMB	TAL BUF
Dissolved	Prep	7470A			379249	09/28/17 13:40	BMB	TAL BUF
Dissolved	Analysis	7470A		1	379449	09/28/17 20:02	BMB	TAL BUF
Total/NA	Prep	7470A			379013	09/27/17 13:35	EMB	TAL BUF
Total/NA	Analysis	7470A		1	379252	09/27/17 18:34	BMB	TAL BUF
Total/NA	Analysis	310.2		5	379128	09/27/17 19:42	ALZ	TAL BUF
Total/NA	Analysis	350.1		2	378986	09/27/17 10:28	KRT	TAL BUF
Total/NA	Prep	351.2			379148	09/28/17 07:37	CLT	TAL BUF
Total/NA	Analysis	351.2		1	379262	09/28/17 13:40	CLT	TAL BUF
Total/NA	Analysis	353.2		1	378892	09/26/17 20:52	DCB	TAL BUF
Total/NA	Analysis	410.4		1	378876	09/26/17 17:32	CDC	TAL BUF
Total/NA	Analysis	7196A		1	378848	09/26/17 10:45	MDL	TAL BUF
Total/NA	Prep	9012B			379938	10/03/17 10:15	JCL	TAL BUF
Total/NA	Analysis	9012B		1	380201	10/04/17 10:48	JCL	TAL BUF
Total/NA	Analysis	9056A		10	379762	10/02/17 20:20	RJS	TAL BUF
Total/NA	Analysis	9060A		1	379247	09/27/17 23:42	EKB	TAL BUF
Total/NA	Prep	Distill/Phenol			379226	09/28/17 11:38	JCL	TAL BUF
Total/NA	Analysis	9065		1	379620	09/30/17 13:00	LED	TAL BUF
Total/NA	Analysis	SM 2120B		1	378881	09/26/17 18:30	LED	TAL BUF
Total/NA	Analysis	SM 2340C		1	379309	09/28/17 13:10	DSC	TAL BUF
Total/NA	Analysis	SM 2540C		1	378864	09/26/17 17:44	CDC	TAL BUF
Total/NA	Analysis	SM 5210B		1	378887	09/26/17 15:36	ALZ	TAL BUF

Client Sample ID: MW-101-3

Date Collected: 09/25/17 15:50
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	379676	10/02/17 13:05	KMN	TAL BUF
Total/NA	Prep	3005A			378862	09/27/17 08:25	MJW	TAL BUF
Total/NA	Analysis	6010C		1	379179	09/28/17 01:21	LMH	TAL BUF
Total/NA	Prep	7470A			379013	09/27/17 13:35	EMB	TAL BUF
Total/NA	Analysis	7470A		1	379252	09/27/17 18:36	BMB	TAL BUF
Total/NA	Analysis	310.2		1	379128	09/27/17 16:38	ALZ	TAL BUF
Total/NA	Analysis	350.1		1	378986	09/27/17 10:29	KRT	TAL BUF
Total/NA	Prep	351.2			379150	09/28/17 07:37	CLT	TAL BUF

Lab Chronicle

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Client Sample ID: MW-101-3

Date Collected: 09/25/17 15:50
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	351.2		1	379262	09/28/17 13:49	CLT	TAL BUF
Total/NA	Analysis	353.2		1	378892	09/26/17 20:53	DCB	TAL BUF
Total/NA	Analysis	410.4		1	378876	09/26/17 17:32	CDC	TAL BUF
Total/NA	Analysis	7196A		1	378848	09/26/17 10:45	MDL	TAL BUF
Total/NA	Prep	9012B			379938	10/03/17 10:15	JCL	TAL BUF
Total/NA	Analysis	9012B		1	380201	10/04/17 10:49	JCL	TAL BUF
Total/NA	Analysis	9056A		5	379762	10/02/17 20:35	RJS	TAL BUF
Total/NA	Analysis	9056A		10	380103	10/04/17 18:32	RJS	TAL BUF
Total/NA	Analysis	9060A		1	379247	09/28/17 00:10	EKB	TAL BUF
Total/NA	Prep	Distill/Phenol			379226	09/28/17 11:38	JCL	TAL BUF
Total/NA	Analysis	9065		1	379620	09/30/17 11:48	LED	TAL BUF
Total/NA	Analysis	SM 2120B		1	378881	09/26/17 18:30	LED	TAL BUF
Total/NA	Analysis	SM 2340C		1	379309	09/28/17 13:10	DSC	TAL BUF
Total/NA	Analysis	SM 2540C		1	378864	09/26/17 17:44	CDC	TAL BUF
Total/NA	Analysis	SM 5210B		1	379063	09/27/17 11:40	SSS	TAL BUF

Client Sample ID: MW-101-4

Date Collected: 09/25/17 12:15
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	379676	10/02/17 13:30	KMN	TAL BUF
Total/NA	Prep	3005A			378862	09/27/17 08:25	MJW	TAL BUF
Total/NA	Analysis	6010C		1	379179	09/28/17 01:25	LMH	TAL BUF
Total/NA	Prep	7470A			379013	09/27/17 13:35	EMB	TAL BUF
Total/NA	Analysis	7470A		1	379252	09/27/17 18:38	BMB	TAL BUF
Total/NA	Analysis	310.2		1	379128	09/27/17 16:38	ALZ	TAL BUF
Total/NA	Analysis	350.1		1	378986	09/27/17 10:30	KRT	TAL BUF
Total/NA	Prep	351.2			379150	09/28/17 07:37	CLT	TAL BUF
Total/NA	Analysis	351.2		1	379262	09/28/17 13:49	CLT	TAL BUF
Total/NA	Analysis	353.2		1	378892	09/26/17 18:18	DCB	TAL BUF
Total/NA	Analysis	410.4		1	378876	09/26/17 17:32	CDC	TAL BUF
Total/NA	Analysis	7196A		1	378848	09/26/17 10:45	MDL	TAL BUF
Total/NA	Prep	9012B			379938	10/03/17 10:15	JCL	TAL BUF
Total/NA	Analysis	9012B		1	380201	10/04/17 10:51	JCL	TAL BUF
Total/NA	Analysis	9056A		1	379762	10/02/17 20:49	RJS	TAL BUF
Total/NA	Analysis	9060A		1	379247	09/28/17 00:37	EKB	TAL BUF
Total/NA	Prep	Distill/Phenol			379226	09/28/17 11:38	JCL	TAL BUF
Total/NA	Analysis	9065		1	379620	09/30/17 11:48	LED	TAL BUF
Total/NA	Analysis	SM 2120B		1	378881	09/26/17 18:30	LED	TAL BUF
Total/NA	Analysis	SM 2340C		1	379309	09/28/17 13:10	DSC	TAL BUF

Client Sample ID: MW-101-4

Lab Sample ID: 480-124782-3

Date Collected: 09/25/17 12:15

Matrix: Water

Date Received: 09/26/17 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	378864	09/26/17 17:44	CDC	TAL BUF
Total/NA	Analysis	SM 5210B		1	378887	09/26/17 15:36	ALZ	TAL BUF

Client Sample ID: MW-101-5

Lab Sample ID: 480-124782-4

Date Collected: 09/25/17 12:30

Matrix: Water

Date Received: 09/26/17 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	379676	10/02/17 13:55	KMN	TAL BUF
Total/NA	Prep	3005A			378862	09/27/17 08:25	MJW	TAL BUF
Total/NA	Analysis	6010C		1	379179	09/28/17 01:28	LMH	TAL BUF
Total/NA	Prep	7470A			379013	09/27/17 13:35	EMB	TAL BUF
Total/NA	Analysis	7470A		1	379252	09/27/17 18:40	BMB	TAL BUF
Total/NA	Analysis	310.2		3	379128	09/27/17 17:41	ALZ	TAL BUF
Total/NA	Analysis	350.1		1	378986	09/27/17 10:31	KRT	TAL BUF
Total/NA	Prep	351.2			379150	09/28/17 07:37	CLT	TAL BUF
Total/NA	Analysis	351.2		1	379262	09/28/17 13:49	CLT	TAL BUF
Total/NA	Analysis	353.2		1	378892	09/26/17 20:54	DCB	TAL BUF
Total/NA	Analysis	410.4		1	378876	09/26/17 17:32	CDC	TAL BUF
Total/NA	Analysis	7196A		1	378848	09/26/17 10:45	MDL	TAL BUF
Total/NA	Prep	9012B			379938	10/03/17 10:15	JCL	TAL BUF
Total/NA	Analysis	9012B		1	380201	10/04/17 10:52	JCL	TAL BUF
Total/NA	Analysis	9056A		5	379762	10/02/17 22:17	RJS	TAL BUF
Total/NA	Analysis	9060A		1	379247	09/28/17 02:01	EKB	TAL BUF
Total/NA	Prep	Distill/Phenol			379226	09/28/17 11:38	JCL	TAL BUF
Total/NA	Analysis	9065		1	379620	09/30/17 11:48	LED	TAL BUF
Total/NA	Analysis	SM 2120B		1	378881	09/26/17 18:30	LED	TAL BUF
Total/NA	Analysis	SM 2340C		1	379309	09/28/17 13:10	DSC	TAL BUF
Total/NA	Analysis	SM 2540C		1	378864	09/26/17 17:44	CDC	TAL BUF
Total/NA	Analysis	SM 5210B		1	378887	09/26/17 15:36	ALZ	TAL BUF

Client Sample ID: MW-101-6S

Lab Sample ID: 480-124782-5

Date Collected: 09/25/17 10:00

Matrix: Water

Date Received: 09/26/17 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	379676	10/02/17 14:21	KMN	TAL BUF
Total/NA	Prep	3005A			378862	09/27/17 08:25	MJW	TAL BUF
Total/NA	Analysis	6010C		1	379179	09/28/17 01:32	LMH	TAL BUF
Total/NA	Prep	7470A			379013	09/27/17 13:35	EMB	TAL BUF
Total/NA	Analysis	7470A		1	379252	09/27/17 18:41	BMB	TAL BUF
Total/NA	Analysis	310.2		1	379128	09/27/17 16:38	ALZ	TAL BUF

Lab Chronicle

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	350.1		1	378986	09/27/17 10:31	KRT	TAL BUF
Total/NA	Prep	351.2			379150	09/28/17 07:37	CLT	TAL BUF
Total/NA	Analysis	351.2		1	379262	09/28/17 13:49	CLT	TAL BUF
Total/NA	Analysis	353.2		1	378892	09/26/17 20:55	DCB	TAL BUF
Total/NA	Analysis	410.4		1	378876	09/26/17 17:32	CDC	TAL BUF
Total/NA	Analysis	7196A		1	378848	09/26/17 10:45	MDL	TAL BUF
Total/NA	Prep	9012B			379938	10/03/17 10:15	JCL	TAL BUF
Total/NA	Analysis	9012B		1	380201	10/04/17 10:54	JCL	TAL BUF
Total/NA	Analysis	9056A		1	379762	10/02/17 22:31	RJS	TAL BUF
Total/NA	Analysis	9060A		1	379247	09/28/17 02:29	EKB	TAL BUF
Total/NA	Prep	Distill/Phenol			379226	09/28/17 11:38	JCL	TAL BUF
Total/NA	Analysis	9065		1	379620	09/30/17 11:48	LED	TAL BUF
Total/NA	Analysis	SM 2120B		1	378881	09/26/17 18:30	LED	TAL BUF
Total/NA	Analysis	SM 2340C		1	379309	09/28/17 13:10	DSC	TAL BUF
Total/NA	Analysis	SM 2540C		1	378864	09/26/17 17:44	CDC	TAL BUF
Total/NA	Analysis	SM 5210B		1	378887	09/26/17 15:36	ALZ	TAL BUF

Client Sample ID: MW-101-6I

Date Collected: 09/25/17 10:15
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	379676	10/02/17 14:46	KMN	TAL BUF
Total/NA	Prep	3005A			378862	09/27/17 08:25	MJW	TAL BUF
Total/NA	Analysis	6010C		1	379179	09/28/17 01:35	LMH	TAL BUF
Total/NA	Prep	7470A			379013	09/27/17 13:35	EMB	TAL BUF
Total/NA	Analysis	7470A		1	379252	09/27/17 18:44	BMB	TAL BUF
Total/NA	Analysis	310.2		1	379128	09/27/17 16:29	ALZ	TAL BUF
Total/NA	Analysis	350.1		1	378986	09/27/17 10:43	KRT	TAL BUF
Total/NA	Prep	351.2			379150	09/28/17 07:37	CLT	TAL BUF
Total/NA	Analysis	351.2		1	379262	09/28/17 13:49	CLT	TAL BUF
Total/NA	Analysis	353.2		1	378892	09/26/17 20:56	DCB	TAL BUF
Total/NA	Analysis	410.4		1	378876	09/26/17 17:32	CDC	TAL BUF
Total/NA	Analysis	7196A		1	378848	09/26/17 10:45	MDL	TAL BUF
Total/NA	Prep	9012B			380075	10/04/17 04:30	KMB	TAL BUF
Total/NA	Analysis	9012B		1	380201	10/04/17 12:10	JCL	TAL BUF
Total/NA	Analysis	9056A		1	380103	10/04/17 11:00	RJS	TAL BUF
Total/NA	Analysis	9060A		1	379247	09/28/17 02:57	EKB	TAL BUF
Total/NA	Prep	Distill/Phenol			379002	09/27/17 09:44	DSC	TAL BUF
Total/NA	Analysis	9065		1	379124	09/27/17 16:01	LED	TAL BUF
Total/NA	Analysis	SM 2120B		1	378881	09/26/17 18:30	LED	TAL BUF
Total/NA	Analysis	SM 2340C		1	379309	09/28/17 13:10	DSC	TAL BUF
Total/NA	Analysis	SM 2540C		1	378867	09/26/17 17:57	CDC	TAL BUF
Total/NA	Analysis	SM 5210B		1	378887	09/26/17 15:36	ALZ	TAL BUF

Client Sample ID: MW-101-7S

Lab Sample ID: 480-124782-7

Date Collected: 09/25/17 11:15

Matrix: Water

Date Received: 09/26/17 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	379676	10/02/17 15:11	KMN	TAL BUF
Total/NA	Prep	3005A			378862	09/27/17 08:25	MJW	TAL BUF
Total/NA	Analysis	6010C		1	379179	09/28/17 01:56	LMH	TAL BUF
Total/NA	Prep	7470A			379013	09/27/17 13:35	EMB	TAL BUF
Total/NA	Analysis	7470A		1	379252	09/27/17 18:54	BMB	TAL BUF
Total/NA	Analysis	310.2		2	379128	09/27/17 17:41	ALZ	TAL BUF
Total/NA	Analysis	350.1		1	378986	09/27/17 10:32	KRT	TAL BUF
Total/NA	Prep	351.2			379150	09/28/17 07:37	CLT	TAL BUF
Total/NA	Analysis	351.2		1	379262	09/28/17 13:49	CLT	TAL BUF
Total/NA	Analysis	353.2		1	378892	09/26/17 21:00	DCB	TAL BUF
Total/NA	Analysis	410.4		1	378876	09/26/17 17:32	CDC	TAL BUF
Total/NA	Analysis	7196A		1	378848	09/26/17 10:45	MDL	TAL BUF
Total/NA	Prep	9012B			380075	10/04/17 04:30	KMB	TAL BUF
Total/NA	Analysis	9012B		1	380201	10/04/17 12:14	JCL	TAL BUF
Total/NA	Analysis	9056A		5	379762	10/02/17 22:46	RJS	TAL BUF
Total/NA	Analysis	9060A		1	379247	09/28/17 04:20	EKB	TAL BUF
Total/NA	Prep	Distill/Phenol			379226	09/28/17 11:38	JCL	TAL BUF
Total/NA	Analysis	9065		1	379620	09/30/17 11:48	LED	TAL BUF
Total/NA	Analysis	SM 2120B		1	378881	09/26/17 18:30	LED	TAL BUF
Total/NA	Analysis	SM 2340C		1	379309	09/28/17 13:10	DSC	TAL BUF
Total/NA	Analysis	SM 2540C		1	378867	09/26/17 17:57	CDC	TAL BUF
Total/NA	Analysis	SM 5210B		1	378887	09/26/17 15:36	ALZ	TAL BUF

Client Sample ID: MW-101-7I

Lab Sample ID: 480-124782-8

Date Collected: 09/25/17 11:40

Matrix: Water

Date Received: 09/26/17 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	379676	10/02/17 15:37	KMN	TAL BUF
Total/NA	Prep	3005A			378862	09/27/17 08:25	MJW	TAL BUF
Total/NA	Analysis	6010C		1	379179	09/28/17 02:00	LMH	TAL BUF
Total/NA	Prep	7470A			379013	09/27/17 13:35	EMB	TAL BUF
Total/NA	Analysis	7470A		1	379252	09/27/17 18:56	BMB	TAL BUF
Total/NA	Analysis	310.2		1	379128	09/27/17 16:39	ALZ	TAL BUF
Total/NA	Analysis	350.1		1	378986	09/27/17 10:33	KRT	TAL BUF
Total/NA	Prep	351.2			379150	09/28/17 07:37	CLT	TAL BUF
Total/NA	Analysis	351.2		1	379262	09/28/17 13:49	CLT	TAL BUF
Total/NA	Analysis	353.2		1	378892	09/26/17 21:03	DCB	TAL BUF
Total/NA	Analysis	410.4		1	378876	09/26/17 17:32	CDC	TAL BUF
Total/NA	Analysis	7196A		1	378848	09/26/17 10:45	MDL	TAL BUF
Total/NA	Prep	9012B			380075	10/04/17 04:30	KMB	TAL BUF
Total/NA	Analysis	9012B		1	380201	10/04/17 12:16	JCL	TAL BUF

Lab Chronicle

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		2	379762	10/02/17 23:00	RJS	TAL BUF
Total/NA	Analysis	9060A		1	379247	09/28/17 05:16	EKB	TAL BUF
Total/NA	Prep	Distill/Phenol			379226	09/28/17 11:38	JCL	TAL BUF
Total/NA	Analysis	9065		1	379620	09/30/17 11:48	LED	TAL BUF
Total/NA	Analysis	SM 2120B		1	378881	09/26/17 18:30	LED	TAL BUF
Total/NA	Analysis	SM 2340C		1	379309	09/28/17 13:10	DSC	TAL BUF
Total/NA	Analysis	SM 2540C		1	378867	09/26/17 17:57	CDC	TAL BUF
Total/NA	Analysis	SM 5210B		1	378887	09/26/17 15:36	ALZ	TAL BUF

Client Sample ID: MW-101-8S(R)

Date Collected: 09/25/17 14:45
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	379676	10/02/17 16:02	KMN	TAL BUF
Total/NA	Prep	3005A			378862	09/27/17 08:25	MJW	TAL BUF
Total/NA	Analysis	6010C		1	379179	09/28/17 02:03	LMH	TAL BUF
Total/NA	Prep	7470A			379013	09/27/17 13:35	EMB	TAL BUF
Total/NA	Analysis	7470A		1	379252	09/27/17 18:57	BMB	TAL BUF
Total/NA	Analysis	310.2		2	379128	09/27/17 17:43	ALZ	TAL BUF
Total/NA	Analysis	350.1		1	378986	09/27/17 10:37	KRT	TAL BUF
Total/NA	Prep	351.2			379150	09/28/17 07:37	CLT	TAL BUF
Total/NA	Analysis	351.2		1	379262	09/28/17 13:49	CLT	TAL BUF
Total/NA	Analysis	353.2		1	378892	09/26/17 21:04	DCB	TAL BUF
Total/NA	Analysis	410.4		1	378876	09/26/17 17:32	CDC	TAL BUF
Total/NA	Analysis	7196A		1	378848	09/26/17 10:45	MDL	TAL BUF
Total/NA	Prep	9012B			380075	10/04/17 04:30	KMB	TAL BUF
Total/NA	Analysis	9012B		1	380201	10/04/17 12:17	JCL	TAL BUF
Total/NA	Analysis	9056A		1	379762	10/02/17 23:15	RJS	TAL BUF
Total/NA	Analysis	9060A		1	379247	09/28/17 05:43	EKB	TAL BUF
Total/NA	Prep	Distill/Phenol			379226	09/28/17 11:38	JCL	TAL BUF
Total/NA	Analysis	9065		1	379620	09/30/17 11:48	LED	TAL BUF
Total/NA	Analysis	SM 2120B		1	378881	09/26/17 18:30	LED	TAL BUF
Total/NA	Analysis	SM 2340C		1	379309	09/28/17 13:10	DSC	TAL BUF
Total/NA	Analysis	SM 2540C		1	378867	09/26/17 17:57	CDC	TAL BUF
Total/NA	Analysis	SM 5210B		1	378887	09/26/17 15:36	ALZ	TAL BUF

Client Sample ID: MW-101-8I(R)

Date Collected: 09/25/17 14:30
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	379676	10/02/17 16:27	KMN	TAL BUF
Total/NA	Prep	3005A			378862	09/27/17 08:25	MJW	TAL BUF
Total/NA	Analysis	6010C		1	379179	09/28/17 02:06	LMH	TAL BUF

Lab Chronicle

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Client Sample ID: MW-101-8I(R)

Date Collected: 09/25/17 14:30
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			379013	09/27/17 13:35	EMB	TAL BUF
Total/NA	Analysis	7470A		1	379252	09/27/17 18:59	BMB	TAL BUF
Total/NA	Analysis	310.2		3	379128	09/27/17 19:50	ALZ	TAL BUF
Total/NA	Analysis	350.1		1	378986	09/27/17 10:37	KRT	TAL BUF
Total/NA	Prep	351.2			379150	09/28/17 07:37	CLT	TAL BUF
Total/NA	Analysis	351.2		1	379262	09/28/17 13:57	CLT	TAL BUF
Total/NA	Analysis	353.2		1	378892	09/26/17 18:30	DCB	TAL BUF
Total/NA	Analysis	410.4		1	378876	09/26/17 17:32	CDC	TAL BUF
Total/NA	Analysis	7196A		1	378848	09/26/17 10:45	MDL	TAL BUF
Total/NA	Prep	9012B			380075	10/04/17 04:30	KMB	TAL BUF
Total/NA	Analysis	9012B		1	380201	10/04/17 12:18	JCL	TAL BUF
Total/NA	Analysis	9056A		2	379762	10/02/17 23:30	RJS	TAL BUF
Total/NA	Analysis	9060A		1	379247	09/28/17 06:11	EKB	TAL BUF
Total/NA	Prep	Distill/Phenol			379227	09/28/17 11:40	JCL	TAL BUF
Total/NA	Analysis	9065		1	379620	09/30/17 13:00	LED	TAL BUF
Total/NA	Analysis	SM 2120B		1	378881	09/26/17 18:30	LED	TAL BUF
Total/NA	Analysis	SM 2340C		1	379309	09/28/17 13:10	DSC	TAL BUF
Total/NA	Analysis	SM 2540C		1	378867	09/26/17 17:57	CDC	TAL BUF
Total/NA	Analysis	SM 5210B		1	378887	09/26/17 15:36	ALZ	TAL BUF

Client Sample ID: MW-101-10S(R)

Date Collected: 09/25/17 15:20
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	379676	10/02/17 16:53	KMN	TAL BUF
Total/NA	Prep	3005A			378862	09/27/17 08:25	MJW	TAL BUF
Total/NA	Analysis	6010C		1	379179	09/28/17 02:10	LMH	TAL BUF
Total/NA	Prep	7470A			379013	09/27/17 13:35	EMB	TAL BUF
Total/NA	Analysis	7470A		1	379252	09/27/17 19:01	BMB	TAL BUF
Total/NA	Analysis	310.2		2	379128	09/27/17 17:49	ALZ	TAL BUF
Total/NA	Analysis	350.1		1	378986	09/27/17 10:38	KRT	TAL BUF
Total/NA	Prep	351.2			379150	09/28/17 07:37	CLT	TAL BUF
Total/NA	Analysis	351.2		1	379262	09/28/17 13:57	CLT	TAL BUF
Total/NA	Analysis	353.2		1	378892	09/26/17 21:05	DCB	TAL BUF
Total/NA	Analysis	410.4		1	378876	09/26/17 17:32	CDC	TAL BUF
Total/NA	Analysis	7196A		1	378848	09/26/17 10:45	MDL	TAL BUF
Total/NA	Prep	9012B			380075	10/04/17 04:30	KMB	TAL BUF
Total/NA	Analysis	9012B		1	380201	10/04/17 12:20	JCL	TAL BUF
Total/NA	Analysis	9056A		5	379762	10/02/17 23:44	RJS	TAL BUF
Total/NA	Analysis	9060A		1	379247	09/28/17 08:30	EKB	TAL BUF

Lab Chronicle

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Client Sample ID: MW-101-10S(R)

Date Collected: 09/25/17 15:20
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Distill/Phenol			379227	09/28/17 11:40	JCL	TAL BUF
Total/NA	Analysis	9065		1	379620	09/30/17 12:00	LED	TAL BUF
Total/NA	Analysis	SM 2120B		1	378881	09/26/17 18:30	LED	TAL BUF
Total/NA	Analysis	SM 2340C		1	379309	09/28/17 13:10	DSC	TAL BUF
Total/NA	Analysis	SM 2540C		1	378867	09/26/17 17:57	CDC	TAL BUF
Total/NA	Analysis	SM 5210B		1	379063	09/27/17 11:40	SSS	TAL BUF

Client Sample ID: MW-2S

Date Collected: 09/25/17 13:00
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	379676	10/02/17 17:18	KMN	TAL BUF
Total/NA	Prep	3005A			378862	09/27/17 08:25	MJW	TAL BUF
Total/NA	Analysis	6010C		1	379179	09/28/17 02:14	LMH	TAL BUF
Total/NA	Prep	7470A			379013	09/27/17 13:35	EMB	TAL BUF
Total/NA	Analysis	7470A		1	379252	09/27/17 19:03	BMB	TAL BUF
Total/NA	Analysis	310.2		3	379128	09/27/17 19:08	ALZ	TAL BUF
Total/NA	Analysis	350.1		1	378986	09/27/17 10:39	KRT	TAL BUF
Total/NA	Prep	351.2			379150	09/28/17 07:37	CLT	TAL BUF
Total/NA	Analysis	351.2		1	379262	09/28/17 13:57	CLT	TAL BUF
Total/NA	Analysis	353.2		1	378892	09/26/17 21:06	DCB	TAL BUF
Total/NA	Analysis	410.4		1	378876	09/26/17 17:32	CDC	TAL BUF
Total/NA	Analysis	7196A		25	378848	09/26/17 10:45	MDL	TAL BUF
Total/NA	Prep	9012B			380075	10/04/17 04:30	KMB	TAL BUF
Total/NA	Analysis	9012B		1	380201	10/04/17 12:24	JCL	TAL BUF
Total/NA	Analysis	9056A		2	379762	10/02/17 23:59	RJS	TAL BUF
Total/NA	Analysis	9060A		1	379247	09/28/17 09:26	EKB	TAL BUF
Total/NA	Prep	Distill/Phenol			379227	09/28/17 11:40	JCL	TAL BUF
Total/NA	Analysis	9065		1	379620	09/30/17 12:00	LED	TAL BUF
Total/NA	Analysis	SM 2120B		1	378881	09/26/17 18:30	LED	TAL BUF
Total/NA	Analysis	SM 2340C		1	379309	09/28/17 13:10	DSC	TAL BUF
Total/NA	Analysis	SM 2540C		1	378867	09/26/17 17:57	CDC	TAL BUF
Total/NA	Analysis	SM 5210B		1	378887	09/26/17 15:36	ALZ	TAL BUF

Client Sample ID: FDGW01

Date Collected: 09/25/17 00:00
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	379676	10/02/17 17:43	KMN	TAL BUF

Lab Chronicle

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Client Sample ID: FDGW01

Date Collected: 09/25/17 00:00
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			378862	09/27/17 08:25	MJW	TAL BUF
Total/NA	Analysis	6010C		1	379179	09/28/17 02:17	LMH	TAL BUF
Total/NA	Prep	7470A			379013	09/27/17 13:35	EMB	TAL BUF
Total/NA	Analysis	7470A		1	379252	09/27/17 19:05	BMB	TAL BUF
Total/NA	Analysis	310.2		1	379128	09/27/17 18:42	ALZ	TAL BUF
Total/NA	Analysis	350.1		1	378986	09/27/17 10:40	KRT	TAL BUF
Total/NA	Prep	351.2			379150	09/28/17 07:37	CLT	TAL BUF
Total/NA	Analysis	351.2		1	379262	09/28/17 13:57	CLT	TAL BUF
Total/NA	Analysis	353.2		1	378892	09/26/17 21:07	DCB	TAL BUF
Total/NA	Analysis	410.4		1	378876	09/26/17 17:32	CDC	TAL BUF
Total/NA	Analysis	7196A		1	378848	09/26/17 10:45	MDL	TAL BUF
Total/NA	Prep	9012B			380075	10/04/17 04:30	KMB	TAL BUF
Total/NA	Analysis	9012B		1	380201	10/04/17 12:26	JCL	TAL BUF
Total/NA	Analysis	9056A		2	379762	10/03/17 00:13	RJS	TAL BUF
Total/NA	Analysis	9060A		1	379247	09/28/17 10:22	EKB	TAL BUF
Total/NA	Prep	Distill/Phenol			379227	09/28/17 11:40	JCL	TAL BUF
Total/NA	Analysis	9065		1	379620	09/30/17 12:00	LED	TAL BUF
Total/NA	Analysis	SM 2120B		1	378881	09/26/17 18:30	LED	TAL BUF
Total/NA	Analysis	SM 2340C		1	379309	09/28/17 13:10	DSC	TAL BUF
Total/NA	Analysis	SM 2540C		1	378867	09/26/17 17:57	CDC	TAL BUF
Total/NA	Analysis	SM 5210B		1	378887	09/26/17 15:36	ALZ	TAL BUF

Client Sample ID: TRIP BLANK

Date Collected: 09/25/17 00:00
Date Received: 09/26/17 09:45

Lab Sample ID: 480-124782-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	379843	10/03/17 00:06	RRS	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

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
9056A		Water	Bromide
9056A		Water	Chloride
9056A		Water	Sulfate

Method Summary

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
310.2	Alkalinity	MCAWW	TAL BUF
350.1	Nitrogen, Ammonia	MCAWW	TAL BUF
351.2	Nitrogen, Total Kjeldahl	MCAWW	TAL BUF
353.2	Nitrate	EPA	TAL BUF
410.4	COD	MCAWW	TAL BUF
7196A	Chromium, Hexavalent	SW846	TAL BUF
9012B	Cyanide, Total andor Amenable	SW846	TAL BUF
9056A	Anions, Ion Chromatography	SW846	TAL BUF
9060A	Organic Carbon, Total (TOC)	SW846	TAL BUF
9065	Phenolics, Total Recoverable	SW846	TAL BUF
SM 2120B	Color, Colorimetric	SM	TAL BUF
SM 2340C	Hardness, Total (mg/l as CaC03)	SM	TAL BUF
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL BUF
SM 5210B	BOD, 5-Day	SM	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: CT Male Associates PC
Project/Site: Glens Falls Landfill Monitoring

TestAmerica Job ID: 480-124782-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-124782-1	MW-101-1(R)	Water	09/25/17 15:00	09/26/17 09:45
480-124782-2	MW-101-3	Water	09/25/17 15:50	09/26/17 09:45
480-124782-3	MW-101-4	Water	09/25/17 12:15	09/26/17 09:45
480-124782-4	MW-101-5	Water	09/25/17 12:30	09/26/17 09:45
480-124782-5	MW-101-6S	Water	09/25/17 10:00	09/26/17 09:45
480-124782-6	MW-101-6I	Water	09/25/17 10:15	09/26/17 09:45
480-124782-7	MW-101-7S	Water	09/25/17 11:15	09/26/17 09:45
480-124782-8	MW-101-7I	Water	09/25/17 11:40	09/26/17 09:45
480-124782-9	MW-101-8S(R)	Water	09/25/17 14:45	09/26/17 09:45
480-124782-10	MW-101-8I(R)	Water	09/25/17 14:30	09/26/17 09:45
480-124782-11	MW-101-10S(R)	Water	09/25/17 15:20	09/26/17 09:45
480-124782-12	MW-2S	Water	09/25/17 13:00	09/26/17 09:45
480-124782-13	FDGW01	Water	09/25/17 00:00	09/26/17 09:45
480-124782-14	TRIP BLANK	Water	09/25/17 00:00	09/26/17 09:45

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

Client Information	Sampler: JC, NC	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-101733-24182.1
Client Contact: Mr. Dan Achtyl	Phone: 518 786 7400	E-Mail: melissa.deyo@testamericainc.com		Page: Page 1 of 2
Company: CT Male Associates PC				Job #:
Address: 50 Century Hill Dr	Due Date Requested:			
City: Latham	TAT Requested (days): Normal			
State, Zip: NY, 12110	PO #: Purchase Order not required			
Phone: 518-786-7548(Tel)	WO #:			
Email: d.achtyl@ctmale.com	Project #: 48014306			
Project Name: Glens Falls Landfill Monitoring	SSOW#:			
Site: New York				

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
Other:

480-124782 COC

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)	310.2 - Alkalinity	350.1, 351.2, 410.4	2340C - Hardness, Total	2540C_Calcd - Solids, Total Dissolved (TDS)	6010C, 7470A	7196A - Chromium, Hexavalent	21200, 353.2, 353.2_Nitrite, Nitrate_Calc	5210B - BOD, 5-Day	9060A - Organic Carbon, Total (TOC)	8260C - NY Part 360 Baseline Volatiles	9012B - Cyanide	9065 - Total Recoverable Phenolics	9056A_28D - Chloride, Bromide, Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	S	D	N	D	N	N	N	A	A	B	S	N		
MW-101-1(R) *	9-25-17	1500	G	Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Part 360 Baseline
MW-101-3		1550		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Parameters (10/9/93 List)
MW-101-4		1215		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW-101-5		1230		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW-101-6S		1000		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW-101-6I		1015		Water		X	X	X	X	X	X	X	X	X	X	X	X	X	X		MS/MSD Here
MW-101-7S		1115		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW-101-7I		1140		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		* Filter and fix
MW-101-8S(R)		1445		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		extra bottle for
MW-101-8I(R)		1430		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		dissolved metals
MW-101-10S(R)	↓	1520	↓	Water		MX	X	X	X	X	X	X	X	X	X	X	X	X	X		for MW-101-1(R) ↓

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) ASP Cat B data Package

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9-25-17 / 17:00	CT Male		9/25/17 1700	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9/25/17 1800	TA		9/26/0 0944	
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:

2.1, 2.4, 3.0, 2.9, 2.8 fil

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

Client Information	Sampler: JC, NC	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-101733-24182.2
Client Contact: Mr. Dan Achtyl	Phone: 518 786 7400	E-Mail: melissa.deyo@testamericainc.com		Page: Page 2 of 2
Company: CT Male Associates PC				Job #:
Address: 50 Century Hill Dr	Due Date Requested:			
City: Latham	TAT Requested (days): Normal			
State, Zip: NY, 12110	PO #: Purchase Order not required			
Phone: 518-786-7548(Tel)	WO #:			
Email: d.achtyl@ctmale.com	Project #: 48014306			
Project Name: Glens Falls Landfill Monitoring	SSOW#:			
Site: New York				

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)	310.2 - Alkalinity	350.1, 351.2, 410.4	2340C - Hardness, Total	2540C_Calcd - Solids, Total Dissolved (TDS)	6010C, 7470A	7196A - Chromium, Hexavalent	2120B, 353.2, 353.2_Nitrite, Nitrate_Calc	5210B - BOD, 5-Day	9060A - Organic Carbon, Total (TOC)	8260C - NY Part 360 Baseline Volatiles	9012B - Cyanide	9065 - Total Recoverable Phenolics	8056A_28D - Chloride, Bromide, Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	S	D	N	D	N	N	N	A	A	B	S	N		
MW-2S	9-25-17	1300	G	Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Part 360 Baseline
FDGW01	9-25-17	—	G	Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Parameters (10/9/93) list.
(2) Transport Blank	—	—	G	Water												X					
				Water																	
				Water																	
				Water																	

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) ASP Cat B Data Package

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 9-25-17/1700	Company: CT Male	Received by:	Date/Time: 9/25/17 1200	Company: TA
Relinquished by:	Date/Time: 9/25/17 1800	Company: TA	Received by:	Date/Time: 9/26/17 0900	Company
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: 7.1 7.4, 3.0, 2.9, 2.8 61

10/9/2017

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

Client Information	Sampler:	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-101733-24182.1
Client Contact: Mr. Dan Achtyl	Phone:	E-Mail: melissa.deyo@testamericainc.com		Page: Page 1 of 2
Company: CT Male Associates PC		Analysis Requested		Job #:
Address: 50 Century Hill Dr	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Ac, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, Other:
City: Latham	TAT Requested (days): Normal			
State, Zip: NY, 12110				
Phone: 518-786-7548(Tel)	PO #: Purchase Order not required			
Email: d.achtyl@ctmale.com	WO #:			
Project Name: Glens Falls Landfill Monitoring	Project #: 48014306			
Site: New York	SSOW#:			

480-124782 COC

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)	310.2 - Alkalinity	350.1, 351.2, 410.4	2340C - Hardness, Total	2540C_Calcd - Solids, Total Dissolved (TDS)	6010C, 7470A	7196A - Chromium, Hexavalent	2120B, 353.2, 353.2_Nitrite, Nitrate_Calc	5210B - BOD, 5-Day	9060A - Organic Carbon, Total (TOC)	8260C - NY Part 360 Baseline Volatiles	9012B - Cyanide	9065 - Total Recoverable Phenolics	9056A_28D - Chloride, Bromide, Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	S	D	N	D	N	N	N	A	A	B	S	N		
MW-101-1(R) *	9-25-17	1500	G	Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Part 360 Baseline
MW-101-3		1550		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Parameters (10/9/93 List)
MW-101-4		1215		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW-101-5		1230		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW-101-6S		1000		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW-101-6I		1015		Water		X	X	X	X	X	X	X	X	X	X	X	X	X	X		MS/MSD Here
MW-101-7S		1115		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		
MW-101-7I		1140		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		* Filter and fix
MW-101-8S(R)		1445		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		extra bottle for
MW-101-8I(R)		1430		Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		dissolved metals
MW-101-10S(R)	↓	1520	↓	Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		for MW-101-1(R) ↓

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Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9-25-17 / 17:00	CT Male		9/25/17 1700	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9/25/17 1800	TA		9/26/17 0945	
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:

2.1, 2.4, 3.0, 2.9, 2.8 #1

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

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THE LEADER IN ENVIRONMENTAL TESTING

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Client Contact: Mr. Dan Achtyl	Phone:	E-Mail: melissa.deyo@testamericainc.com		Page: Page 2 of 2
Company: CT Male Associates PC		Analysis Requested		Job #:
Address: 50 Century Hill Dr	Due Date Requested:			Preservation Codes:
City: Latham	TAT Requested (days):			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, 12110				
Phone: 518-786-7548(Tel)	PO #: Purchase Order not required			Other:
Email: d.achtyl@ctmale.com	WO #:			
Project Name: Glens Falls Landfill Monitoring	Project #: 48014306			
Site: New York	SSOW#:			

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MW-2S	9-25-17	1300	6	Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Part 360 Baseline
FDGW01	9-25-17	—	6	Water		N	X	X	X	X	X	X	X	X	X	X	X	X	X		Parameters (10/9/93) list.
				Water																	
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1		9-25-17/17:00	CT Male		9/25/17 1200	TA
2		9/25/17 1800	TA		9/26/17 0945	
3						

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

Cooler Temperature(s) °C and Other Remarks:

7.1, 7.4, 3.0, 2.9, 2.8 #1

Login Sample Receipt Checklist

Client: CT Male Associates PC

Job Number: 480-124782-1

Login Number: 124782

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	CT MALE
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	