Submitted via email

April 30, 2020

Justin Starr
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, NY 12233-7014

Re: Little Britain Road Service Center
610 Little Britain Road, New Windsor, NY
Brownfield Cleanup Agreement # C336031
March 2020 – Quarterly Groundwater Sampling Event Results

Dear Mr. Starr:

This letter serves to document the results of the quarterly sampling event conducted at Central Hudson Gas & Electric Corporation's (Central Hudson) Little Britain Road Service Center located at 610 Little Britain Road, New Windsor, NY (the Property) (Figure 1). Arcadis gauged and sampled the monitoring well network between March 17 and 20, 2020.

Groundwater Sampling Event

For the sampling event, each sampled well was purged by pumping a minimum of five well volumes of water or until pumped dry. All purge water was placed in a properly labeled 55-gallon drum for disposal. Water chemistry parameters were monitored during the well purging including water temperature, pH, turbidity, dissolved oxygen, redox potential, and electromagnetic conductance. Immediately following purging, representative groundwater samples were collected from each well using a pump maintaining a constant low flow discharge rate. Each sample was containerized in laboratory-supplied jars and couriered under chain of custody to Test America Laboratories for analysis. The samples were analyzed for volatile organic compounds (VOCs) via United States Department of Environmental Protection Agency Method 8260. Additionally, 2 samples were analyzed for an expanded parameter list including semi-volatile organic compounds (SVOCs), herbicides, pesticides, polychlorinated biphenyls (PCBs), and total metals, via USEPA Methods 8270D, 8151A, 8081B, 8082A, and 6020B, respectively. Copies of the groundwater sampling water chemistry data (field notes) are attached. Electronic data delivery files containing the laboratory results were electronically submitted to the NYSDEC on April 23, 2020.

Results

Although gauged, MW94-2 and MW01-8A contained an insufficient amount water to collect samples for laboratory analysis.

Depth to water ranged from 4.10 fbtoc to 54.50 fbtoc in monitoring wells MW18-10A and MW06-9C, respectively (Table 1). Non-aqueous phase liquid was not observed in any well during the gauging event. Based on this event groundwater in the overburden, upper bedrock, and deep bedrock generally flows in an easterly direction. Groundwater elevation maps are attached as Figures 2, 3, and 4.

Laboratory analysis from the March 2020 sampling event detected one or more of the following VOC constituents: Acetone (75 to 130 micrograms/liter [ug/l]), Benzene (1.6 ug/l), 1,1-Dichloroethane (32 to 47 ug/l), 1,1-Dichloroethene (20 to 230 ug/l), cis-1,2-Dichloroethene (7.9 to 66,000 ug/l), trans-1,2-Dichloroethene (7.2 to 64 ug/l), Toluene (7.0 ug/l), 1,1,1-Trichloroethane (12 to 52 ug/l), Trichloroethene (6.0 to 750 ug/l), and Vinyl Chloride (13 to 2,400 ug/l), in MW94-1B, MW18-8D, MW18-8E, MW18-8F, MW06-2C, MW06-9C, MW18-10C, MW18-11C, MW18-12B, MW18-12C, MW18-13B, MW18-13C, MW18-14B, and MW18-14C at concentration levels above Technical and Operational Guidance Series (TOGS) 1.1.1 ambient water quality standards and guidance values. No other dissolved constituents were detected above these standards and guidance values including those analyzed for the expanded parameter list. Summaries of the March 2020 laboratory sample results are included in Table 2 and historical groundwater data is presented in Table 3.

The next event is tentatively scheduled to be performed in June 2020. Please contact me at (845) 486-5641 or jgallo@cenhud.com if you have any questions.

Sincerely,

Jesse N. Gallo
MGP Project Manager

Attachments

ec. Amen Omorogbe, NYSDEC
Kristin Kulow, NYSDOH
Wayne Mancroni, Central Hudson
Mark McLean, Central Hudson

Tables

Table 1

Groundwater and Surface Water Elevations

CHGE Customer Service Center
610 Little Britain Road
New Windsor, New York

Monitoring Point	Screened Formation	Ground Elevation	Well Depth/Screened Interval	Well Bottom or Screened Interval Elevation	Measuring Point Elev. (ft AMSL)	Date	Depth to Water (feet)	Groundwater Elev. (feet AMSL)	Top of Bedrock Depth/Elevation
MW94-1B	Bedrock Open hole	295.57	11-24.5 bgs	284.57 - 271.07	295.24	8/21/95	9.94	285.30	8.1 / 287.47
						9/18/95	11.69	283.55	
						6/14/96	4.58	290.66	
						6/12/01	5.40	289.84	
						9/26/01	10.52	284.72	
						12/17/01	12.79	282.45	
						3/19/02	12.20	283.04	
						6/19/02	7.25	287.99	
						9/26/02	12.72	282.52	
						12/16/02	3.81	291.43	
					297.54[a]	6/18/03	7.23	290.31	
						12/3/03	6.06	291.48	
						6/8/04	9.35	288.19	
						12/16/04	7.22	290.32	
						6/22/05	8.98	288.56	
						12/12/05	7.02	290.52	
						8/28/06	10.91	286.63	
						12/18/06	8.69	288.85	
						3/27/07	6.47	291.07	
						6/11/07	9.43	288.11	
		294.39	25.45	271.33	296.67[b]	5/22/17	10.21	286.46	
					296.78	10/29/18	10.16	286.62	
					296.78	12/10/19	12.05	284.73	
					296.78	3/17/20	12.46	284.32	
MW94-2	Overburden	298.2	4-14 bgs	294.2 - 284.2	297.87	12/17/01	Dry	> 297.87	14 / 284.2
						3/19/02	Dry	> 297.87	
						6/19/02	10.71	287.16	
						9/26/02	Dry	> 297.87	
						12/16/02	7.43	290.44	
						6/18/03	8.14	289.73	
						12/3/03	7.36	290.51	
						6/8/04	10.12	287.75	
						12/16/04	8.07	289.80	
						6/22/05	10.04	287.83	
						12/13/05	7.97	289.90	
						8/28/06	11.47	286.40	
						12/18/06	9.14	288.73	
						3/27/07	6.70	291.17	
						6/11/07	10.12	287.75	
		297.61	13.28	283.96	297.23[b]	5/22/17	9.53	287.70	
					297.24	10/29/18	10.06	287.18	
					297.24	12/10/19	12.50	284.74	Dry
					297.24	3/17/20	12.49	284.75	Dry
MW94-2B	Bedrock Open hole	298.7	13.5-29.5 bgs	285.2 - 269.2	298.61	12/17/01	19.17	279.44	12 / 286.7
						3/19/02	17.11	281.50	
						6/19/02	11.44	287.17	
						9/26/02	18.85	279.76	
						12/16/02	8.21	290.40	
						6/18/03	8.90	289.71	
						12/3/03	8.13	290.48	
						6/8/04	10.86	287.75	
						12/16/04	8.50	290.11	
						6/22/05	10.82	287.79	
						12/13/05	8.72	289.89	
						8/28/06	12.21	286.40	
						12/18/06	9.87	288.74	
						3/27/07	7.45	291.16	
						6/11/07	10.88	287.73	
		297.89	17.65	280.35	297.87[b]	5/22/17	10.30	287.57	
					298.00	10/29/18	10.83	287.17	
					298.00	12/10/19	13.06	284.94	
					298.00	3/17/20	13.25	284.75	
MW94-3	Overburden	304.1	5-20 bgs	299.1 - 284.1	303.89	12/17/01	18.11	285.78	>45 deep
						3/19/02	18.25	285.64	
						6/19/02	12.34	291.55	
						9/26/02	15.88	288.01	
						12/16/02	7.20	296.69	
						6/18/03	10.11	293.78	
						12/3/03	7.90	295.99	
						6/8/04	12.10	291.79	
						12/16/04	9.67	294.22	
						6/22/05	9.67	294.22	
						12/13/05	8.24	295.65	
						8/28/06	12.95	290.94	
						12/18/06	10.32	293.57	
						3/27/07	6.67	297.22	
						6/11/07	11.54	292.35	
		303.20	18.91	284.39	303.27[b]	5/22/17	9.86	293.41	
					303.30	10/29/18	9.80	293.50	
					303.30	12/10/19	11.50	291.80	
					303.30	3/17/20	10.85	292.45	
MW94-4B2	Bedrock Open hole	299.7	62.8-82.8 bgs	236.9 - 216.9	299.42	12/17/01	15.89	283.53	58.8 / 240.9
						3/19/02	15.70	283.72	
						6/19/02	9.44	289.98	
						9/26/02	13.92	285.50	
						12/16/02	5.93	293.49	
						6/18/03	8.59	290.83	
						12/3/03	6.85	292.57	
						6/8/04	11.21	288.21	
						12/16/04	8.77	290.65	
						6/22/05	11.53	287.89	
						12/13/05	8.85	290.57	
						8/28/06	12.35	287.07	
						12/18/06	10.86	288.56	
						3/27/07	7.35	292.07	
						6/11/07	11.20	288.22	
			Abandoned/Destroyed			5/22/17	Well Previously Abandoned/Destroyed		

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Groundwater and Surface Water Elevations

CHGE Customer Service Center
610 Little Britain Road
New Windsor, New York

Monitoring Point	Screened Formation	Ground Elevation	Well Depth/Screened Interval	Well Bottom or Screened Interval Elevation	Measuring Point Elev. (ft AMSL)	Date	Depth to Water (feet)	Groundwater Elev. (feet AMSL)	Top of Bedrock Depth/Elevation
MW94-5	Overburden	298.19	8-18 bgs	290.19 - 280.19	297.62	8/21/95	9.65	287.97	>18 deep
						9/18/95	10.88	286.74	
						6/14/96	5.20	292.42	
						6/12/01	5.74	291.88	
						9/26/01	10.75	286.87	
						12/17/01	11.44	286.18	
						3/19/02	10.31	287.31	
						6/19/02	5.44	292.18	
						9/26/02	9.81	287.81	
						12/16/02	2.61	295.01	
					300.86[a]	6/18/03	8.05	292.81	
						12/3/03	6.55	294.31	
						6/8/04	9.60	291.26	
						12/16/04	7.85	293.01	
						6/22/05	9.68	291.18	
						12/13/05	6.78	294.08	
						8/28/06	9.60	291.26	
						12/18/06	8.42	292.44	
						3/27/07	5.44	295.42	
						6/11/07	9.19	291.67	
		297.95	20.44	279.95	300.41[b]	5/22/17	7.98	292.43	
					300.39	10/29/18	7.88	292.51	
					300.39	12/10/19	7.66	292.73	
					300.39	3/17/20	9.10	291.29	
MW96-6	Overburden (till)	300.76	23.75-33.75 TIC	279.38 - 269.38	301.02	6/14/96	9.11	291.91	>34 deep
						6/12/01	9.93	291.09	
						9/26/01	13.35	287.67	
						12/17/01	15.62	285.40	
						3/19/02	14.15	286.87	
						6/19/02	9.09	291.93	
						9/26/02	14.29	286.73	
						12/16/02	7.15	293.87	
					303.95[a]	6/18/03	11.35	292.60	
						12/3/03	9.88	294.07	
						6/8/04	13.28	290.67	
						12/16/04	9.05	294.90	
						6/22/05	12.81	291.14	
						12/13/05	10.92	293.03	
						8/28/06	13.40	290.55	
						12/18/06	11.84	292.11	
						3/27/07	9.31	294.64	
						6/11/07	13.33	290.62	
					303.50[b]	5/22/17	11.14	292.36	
					303.13	10/29/18	11.00	292.13	
					303.13	12/10/19	11.11	292.02	
					303.13	3/17/20	12.42	290.71	
MW96-7B	Bedrock open hole	294.76	3-15 bgs	291.76 - 279.76	295.23	6/14/96	5.70	289.53	3 / 291.76
						6/12/01	8.00	287.23	
						9/26/01	12.60	282.63	
						12/17/01	14.91	280.32	
						3/19/02	15.22	280.01	
						6/19/02	9.96	285.27	
						9/26/02	15.03	280.20	
						12/16/02	4.80	290.43	
						6/18/03	7.17	288.06	
						12/3/03	4.86	290.37	
						6/8/04	9.37	285.86	
						12/16/04	6.89	288.34	
						6/22/05	9.12	286.11	
						12/13/05	6.78	288.45	
						8/28/06	9.71	285.52	
						12/18/06	9.63	285.60	
						3/27/07	5.68	289.55	
						6/11/07	10.02	285.21	
					294.52[b]	5/22/17	10.77	283.75	
					294.62	10/29/18	9.72	284.90	
					294.62	12/10/19	12.99	281.63	
					294.62	3/17/20	14.67	279.95	
MW01-8A	Overburden	294.25	3.8-8.8 bgs	290.45 - 285.45	297.39	6/12/01	7.92	289.47	NA
						9/26/01	Dry		
						12/17/01	Dry		
						3/19/02	Dry		
						6/19/02	9.57	287.82	
						9/26/02	Dry		
						12/16/02	6.13	291.26	
						6/18/03	7.30	290.09	
						12/3/03	6.06	291.33	
						6/8/04	9.51	287.88	
						12/16/04	7.27	290.12	
						6/22/05	9.11	288.28	
						12/13/05	7.00	290.39	
						8/28/06	10.73	286.66	
						12/18/06	8.84	288.55	
						3/27/07	6.44	290.95	
						6/11/07	9.62	287.77	
						5/22/17	Dry		
					296.76	10/29/18	10.76	286.00	
					296.76	12/10/19	10.72	286.04	Dry
					296.76	3/17/20	10.82	285.94	Dry

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Groundwater and Surface Water Elevations

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610 Little Britain Road
New Windsor, New York

Monitoring Point	Screened Formation	Ground Elevation	Well Depth/Screened Interval	Well Bottom or Screened Interval Elevation	Measuring Point Elev. (ft AMSL)	Date	Depth to Water (feet)	Groundwater Elev. (feet AMSL)	Top of Bedrock Depth/Elevation
MW01-8B	Bedrock open hole	294.2	25-50 bgs 27.15	269.2 - 244.2 269.67	297.35	6/12/01	9.08	288.27	~25 / ~269.2
						9/26/01	14.14	283.21	
						12/17/01	17.12	280.23	
						3/19/02	15.73	281.62	
						6/19/02	10.41	286.94	
						9/26/02	17.50	279.85	
						12/16/02	7.02	290.33	
						6/18/03	8.04	289.31	
						12/3/03	6.93	290.42	
						6/8/04	10.51	286.84	
						12/16/04	10.05	287.30	
						6/22/05	9.95	287.40	
						12/13/05	8.40	288.95	
						8/28/06	12.03	285.32	
						12/18/06	10.23	287.12	
						3/27/07	7.80	289.55	
						6/11/07	10.99	286.36	
					296.70[b]	5/22/17	11.38	285.32	
					296.82	10/29/18	11.48	285.34	
					296.82	12/10/19	13.34	283.48	
					296.82	3/17/20	15.24	281.58	
MW05-8C	Bedrock	294.08	Well Converted		296.89	12/13/05	18.76	278.13	6 / 288.08
						8/28/06	20.58	276.31	
						12/18/06	18.87	278.02	
						3/27/07	14.61	282.28	
						6/11/07	18.86	278.03	
					295.95[b]	5/22/17	20.92	275.03	
						10/29/18	Well Converted to MW18-8E/8F		
MW18-8D	Bedrock	294.04	73-83	221.04-211.04	296.44	10/29/18	40.35	256.09	7 / 287.04
					296.44	12/10/19	15.26	281.18	
					296.44	3/17/20	14.77	281.67	
MW18-8E	Bedrock	294.08	132-147	162.08-147.08	295.97	10/29/18	18.80	277.17	6 / 288.08
					295.97	12/10/19	28.90	267.07	
					295.97	3/17/20	28.93	267.04	
MW18-8F	Bedrock	294.08	175-185	119.08-109.08	296.02	10/29/18	21.11	274.91	6 / 288.08
					296.02	12/10/19	28.50	267.52	
					296.02	3/17/20	29.07	266.95	
MW06-2C	Bedrock open hole	298.57	70-125 bgs 131.4	228.57 - 173.57 166.61	298.70	8/28/06	32.52	266.18	10 / 288.57
						12/18/06	31.70	267.00	
						3/27/07	24.57	274.13	
						6/11/07	33.09	265.61	
					298.01[b]	5/22/17	30.40	267.61	
					298.01	10/29/18	31.38	266.63	
					298.01	12/10/19	34.91	263.10	
					298.01	3/17/20	35.00	263.01	
MW06-4C	Bedrock open hole	299.92	70-125 bgs Abandoned/Destroyed	229.92 - 174.92	299.92	8/28/06	44.05	255.87	59.2 / 240.72
						12/18/06	26.54	273.38	
						3/27/07	23.62	276.30	
						6/11/07	24.42	275.50	
						5/22/17	Well Previously Abandoned/Destroyed		
MW06-9C	Bedrock open hole	312.71	68-125 bgs 128	244.71 - 187.71 186.5	315.27	8/28/06	51.50	263.77	20 / 292.71
						12/18/06	49.11	266.16	
						3/27/07	36.88	278.39	
						6/11/07	53.71	261.56	
					314.53[b]	5/22/17	47.02	267.51	
					314.50	10/29/18	45.10	269.40	
					314.50	12/10/19	52.70	261.80	
					314.50	3/17/20	54.50	260.00	
MW18-10A	Overburden	293.08	5-15	288.08-278.08	295.42	10/29/18	3.75	291.67	NA
					295.42	12/10/19	3.00	292.42	
					295.42	3/17/20	4.10	291.32	
MW18-10B	Bedrock	293.07	31-51	262.07-242.07	295.82	10/29/18	24.99	270.83	27 / 266.07
					295.82	12/10/19	26.85	268.97	
					295.82	3/17/20	27.48	268.34	
MW18-10C	Bedrock	293.07	175-185	118.07-108.07	295.82	10/29/18	141.90	153.92	27 / 266.07
					295.82	12/10/19	28.77	267.05	
					295.82	3/17/20	27.16	268.66	
MW18-11A	Overburden	292.99	7-17	285.99-275.99	295.39	10/29/18	4.84	290.55	NA
					295.39	12/10/19	3.62	291.77	
					295.39	3/17/20	5.64	289.75	
MW18-11B	Bedrock	293.13	34-44	259.13-249.13	295.54	10/29/18	28.05	267.49	31 / 262.13
					295.54	12/10/19	26.31	269.23	
					295.54	3/17/20	26.91	268.63	
MW18-11C	Bedrock	293.13	175-185	118.13-108.13	295.51	10/29/18	24.68	270.83	31 / 262.13
					295.51	12/10/19	29.83	265.68	
					295.51	3/17/20	30.31	265.20	
MW18-12A	Overburden	295.02	5-15	290.02-280.02	294.66	10/29/18	7.81	286.85	NA
					294.66	12/10/19	9.92	284.74	
					294.66	3/17/20	10.22	284.44	
MW18-12B	Bedrock	295.15	80-90	215.15-205.15	294.87	10/29/18	31.21	263.66	18 / 277.15
					294.87	12/10/19	29.17	265.70	
					294.87	3/17/20	31.30	263.57	
MW18-12C	Bedrock	295.15	175-185	120.15-110.15	294.88	10/29/18	73.50	221.38	18 / 277.15
					294.88	12/10/19	31.29	263.59	
					294.88	3/17/20	30.83	264.05	
MW18-13B	Bedrock	294.24	42-52	252.24-242.24	293.97	10/29/18	27.02	266.95	5 / 289.24
					293.97	12/10/19	21.55	272.42	
					293.97	3/17/20	29.74	264.23	
MW18-13C	Bedrock	294.24	175-185	119.24-109.24	293.97	10/29/18	28.89	265.08	5 / 289.24
					293.97	12/10/19	28.79	265.18	
					293.97	3/17/20	30.77	263.20	
MW18-14A	Overburden	296.23	6-16	290.23-280.23	297.55	10/29/18	7.05	290.50	NA
					297.55	12/10/19	6.81	290.74	
					297.55	3/17/20	7.53	290.02	
MW18-14B	Bedrock	294.97	45-55	249.97-239.97	297.63	10/29/18	13.06	284.57	43 / 251.97
					297.63	12/10/19	16.62	281.01	
					297.63	3/17/20	19.98	277.65	
MW18-14C	Bedrock	294.97	175-185	119.97-109.97	297.65	10/29/18	91.66	205.99	43 / 251.97
					297.65	12/10/19	33.00	264.65	
					297.65	3/17/20	31.35	266.30	

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Monitoring Point	Screened Formation	Ground Elevation	Well Depth/Screened Interval	Well Bottom or Screened Interval Elevation	Measuring Point Elev. (ft AMSL)	Date	Depth to Water (feet)	Groundwater Elev. (feet AMSL)	Top of Bedrock Depth/Elevation
Lake Washington Stilling Basin[c]	Surface Water				290.02	8/21/95	0.90	289.12	
						9/18/95	1.23	288.79	
						6/12/01	-0.25	290.27	
						9/26/01	0.25	289.77	
						12/17/01	0.42	289.60	
						3/19/02	-0.13	290.15	
						6/19/02	-0.50	290.52	
						9/26/02	0.08	289.94	
						12/16/02	Not Measured - See Note e		
						6/18/03	-0.58	290.60	
						12/3/03	-0.50	290.52	
						6/8/04	-0.33	290.35	
						12/16/04	Not Measured - See Note e		
						6/22/05	0.26	289.76	
						12/13/05	Not Measured - See Note e		
						8/28/06	Not Measured - See Note f		
						12/18/06	-0.40	290.42	
						3/27/07	Not Measured - See Note f		
						6/11/07	-0.40	290.42	
						5/22/2017	Measuring point under water		
						12/10/19	Not Measured - See Note e		
SG-1 Lake Washington Stilling Basin	Surface Water				293.93	10/29/2018	Dry	NA	Not Applicable
						12/10/19	Not Measured - See Note e		
Lake Washington[d]	Surface Water				301.83	8/21/95	6.12	295.71	
						9/18/95	6.12	295.71	
						6/12/01	1.33	300.50	
						9/26/01	5.70	296.13	
						12/18/01	6.55	295.28	
						3/19/02	10.15	291.68	
						6/19/02	1.68	300.15	
						9/26/02	6.71	295.12	
						12/16/02	0.09	301.74	
						6/18/03	0.70	301.13	
						12/3/03	1.95	299.88	
						6/8/04	0.96	300.87	
						12/16/04	0.30	301.53	
						6/22/05	1.26	300.57	
						12/13/05	2.00	299.83	
						8/28/06	2.12	299.71	
						12/18/06	2.44	299.39	
						3/27/07	0.20	301.63	
						6/11/07	3.18	298.65	
						5/22/17	Could not locate		
						12/10/19	Not Measured - See Note e		

Notes:

AMSL = Above mean sea level

a. Wells MW94-1B, MW94-5, and MW96-6 were converted from flush-mounts to stick-ups following the December 2002 monitoring event. New measuring point elevations are used to calculate groundwater elevations beginning in June 2003.

b. Wells resurveyed in May 2017.

c. The measuring point for the Lake Washington Stilling Basin is a 3/4-inch diameter iron pipe located along the east side of the basin.

d. The measuring point for Lake Washington is a chiseled mark on the concrete pump house foundation (on left side of metal walkway when facing the pump house).

e. Measurements could not be obtained due to the presence of ice.

f. Unable to locate Lake Washington Stilling Basin gauge.

Table 2
March 2020 Groundwater Sampling Event
Volatile Organic Compounds

CHGE Customer Service Center
610 Little Britain Road
New Windsor, New York

Client ID	NY NYSDEC	**MW94-1B**			**MW94-2B**			**MW94-3**			**MW94-5**			**MW96-6**			**MW96-7B**			**MW01-8B**			**MW18-8D**			**MW18-8E**		
Lab Sample ID	Groundwater	460-205614-2			460-205614-23			460-205614-24			460-205614-25			460-205614-26			460-205614-3			460-205614-4			460-205614-27			460-205614-7		
Sampling Date	Criteria	03/20/2020 09:20:00			03/18/2020 09:15:00			03/18/2020 10:20:00			03/18/2020 14:35:00			03/17/2020 14:00:00			03/20/2020 07:45:00			03/20/2020 10:58:00			03/17/2020 14:00:00			03/20/2020 08:50:00		
Matrix		Water			Water			Water			Water			Water			Water			Water			Water			Water		
Dilution Factor		1			1			1			1			1			1			1			2			5		
Unit	ug/l	ug/l			ug/l			ug/l			ug/l			ug/l			ug/l			ug/l			ug/l			ug/l		
		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 8260C																												
1,1,1-Trichloroethane	5	0.24	U	0.24	0.24	U	0.24	**0.29**	J	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.48	U	0.48	1.2	U	1.2
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.73	U	0.73	1.8	U	1.8
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.62	U	0.62	1.6	U	1.6
1,1,2-Trichloroethane	NA	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.87	U	0.87	2.2	U	2.2
1,1-Dichloroethane	5	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.53	U	0.53	1.3	U	1.3
1,1-Dichloroethene	5	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.53	U	0.53	1.3	U	1.3
1,2,3-Trichlorobenzene	NA	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.71	U	0.71	1.8	U	1.8
1,2,4-Trichlorobenzene	5	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.73	U	0.73	1.8	U	1.8
1,2-Dibromo-3-Chloropropane	NA	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.75	U	0.75	1.9	U	1.9
1,2-Dichlorobenzene	4.7	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.86	U	0.86	2.2	U	2.2
1,2-Dichloroethane	5	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.86	U	0.86	2.2	U	2.2
1,2-Dichloropropane	NA	0.35	U	0.35	0.35	U	0.35	0.35	U	0.35	0.35	U	0.35	0.35	U	0.35	0.35	U	0.35	0.35	U	0.35	0.71	U	0.71	1.8	U	1.8
1,3-Dichlorobenzene	5	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.68	U	0.68	1.7	U	1.7
1,4-Dichlorobenzene	5	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.67	U	0.67	1.7	U	1.7
1,4-Dioxane	NA	28	U	28	28	U	28	28	U	28	28	U	28	28	U	28	28	U	28	28	U	28	56	U	56	140	U	140
2-Butanone (MEK)	50	1.9	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U	1.9	3.7	U	3.7	9.3	U	9.3
2-Hexanone	NA	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	**5.8**	J	2.3	5.7	U	5.7
4-Methyl-2-pentanone (MIBK)	50	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3	2.6	U	2.6	6.5	U	6.5
Acetone	50	4.4	U	4.4	4.4	U	4.4	4.4	U	4.4	4.4	U	4.4	4.4	U	4.4	4.4	U	4.4	4.4	U	4.4	**130**		8.8	22	U	22
Benzene	0.7	0.20	U	0.20	0.20	U	0.20	0.20	U	0.20	0.20	U	0.20	0.20	U	0.20	0.20	U	0.20	0.20	U	0.20	0.41	U	0.41	1.0	U	1.0
Bromoform	50	0.54	U	0.54	0.54	U	0.54	0.54	U	0.54	0.54	U	0.54	0.54	U	0.54	0.54	U	0.54	0.54	U	0.54	1.1	U	1.1	2.7	U	2.7
Bromomethane	NA	0.55	U	0.55	0.55	U	0.55	0.55	U	0.55	0.55	U	0.55	0.55	U	0.55	0.55	U	0.55	0.55	U	0.55	1.1	U	1.1	2.8	U	2.8
Carbon disulfide	50	0.82	U	0.82	0.82	U	0.82	0.82	U	0.82	0.82	U	0.82	0.82	U	0.82	0.82	U	0.82	0.82	U	0.82	**4.5**		1.6	4.1	U	4.1
Carbon tetrachloride	5	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.42	U	0.42	1.0	U	1.0
Chlorobenzene	5	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.75	U	0.75	1.9	U	1.9
Chlorobromomethane	NA	0.41	U	0.41	0.41	U	0.41	0.41	U	0.41	0.41	U	0.41	0.41	U	0.41	0.41	U	0.41	0.41	U	0.41	0.82	U	0.82	2.1	U	2.1
Chlorodibromomethane	50	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.56	U	0.56	1.4	U	1.4
Chloroethane	50	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.64	U	0.64	1.6	U	1.6
Chloroform	7	0.33	U	0.33	0.33	U	0.33	**0.33**	J	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.65	U	0.65	1.6	U	1.6
Chloromethane	NA	0.40	U	0.40	0.40	U	0.40	0.40	U	0.40	0.40	U	0.40	0.40	U	0.40	0.40	U	0.40	0.40	U	0.40	0.80	U	0.80	2.0	U	2.0
cis-1,2-Dichloroethene	5	**1.9**		0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	**0.68**	J	0.22	**3.9**		0.22	**750**		0.44	**310**		1.1
cis-1,3-Dichloropropene	NA	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.44	U	0.44	1.1	U	1.1
Cyclohexane	NA	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.64	U	0.64	1.6	U	1.6
Dichlorobromomethane	NA	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.69	U	0.69	1.7	U	1.7
Dichlorodifluoromethane	NA	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.62	U	0.62	1.6	U	1.6
Ethylbenzene	5	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.60	U	0.60	1.5	U	1.5
Ethylene Dibromide	NA	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	1.0	U	1.0	2.5	U	2.5
Isopropylbenzene	NA	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.67	U	0.67	1.7	U	1.7
Methyl acetate	NA	0.79	U	0.79	0.79	U *	0.79	0.79	U *	0.79	0.79	U *	0.79	0.79	U *	0.79	0.79	U *	0.79	0.79	U	0.79	1.6	U *	1.6	3.9	U *	3.9
Methyl tert-butyl ether	10	0.47	U	0.47	0.47	U	0.47	0.47	U	0.47	0.47	U	0.47	0.47	U	0.47	0.47	U	0.47	0.47	U	0.47	0.93	U	0.93	2.3	U	2.3
Methylcyclohexane	NA	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.52	U	0.52	1.3	U	1.3
Methylene Chloride	5	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.63	U	0.63	1.6	U	1.6
m-Xylene & p-Xylene	5	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.59	U	0.59	1.5	U	1.5
o-Xylene	5	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.72	U	0.72	1.8	U	1.8
Styrene	NA	0.42	U	0.42	0.42	U	0.42	0.42	U	0.42	0.42	U	0.42	0.42	U	0.42	0.42	U	0.42	0.42	U	0.42	0.83	U	0.83	2.1	U	2.1
Tetrachloroethene	5	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.50	U	0.50	1.2	U	1.2
Toluene	5	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.76	U	0.76	1.9	U	1.9
trans-1,2-Dichloroethene	5	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	**0.29**	J	0.24	**1.0**	J	0.47	**3.7**	J	1.2
trans-1,3-Dichloropropene	NA	0.49	U	0.49	0.49	U	0.49	0.49	U	0.49	0.49	U	0.49	0.49	U	0.49	0.49	U	0.49	0.49	U	0.49	0.97	U	0.97	2.4	U	2.4
Trichloroethene	5	**6.0**		0.31	**0.37**	J	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	**0.72**	J	0.31	**69**		0.63	1.6	U	1.6
Trichlorofluoromethane	NA	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.64	U	0.64	1.6	U	1.6
Vinyl chloride	2	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17	**1.7**		0.17	**56**		0.34	**1700**		0.86
Total Conc	NA	7.9			0.37			0.62			0.0			0.0			0.68			6.61			1016.3			2013.7		

Concentrations shown in bold were detected
Highlighted Concentrations shown in bold exceed limits
* : 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.
U : Indicates the analyte was analyzed for but not detected.

Table 2
March 2020 Groundwater Sampling Event
Volatile Organic Compounds

CHGE Customer Service Center
610 Little Britain Road
New Windsor, New York

Client ID	NY NYSDEC	**MW18-8F**			**MW06-2C**			**MW06-9C**			**MW18-10A**			**MW18-10B**			**MW18-10C**			**MW18-11A**			**MW18-11B**		
Lab Sample ID	Groundwater	460-205614-28			460-205614-21			460-205614-22			460-205614-29			460-205614-16			460-205614-30			460-205614-31			460-205614-6		
Sampling Date	Criteria	03/18/2020 12:25:00			03/18/2020 08:15:00			03/18/2020 09:40:00			03/18/2020 11:45:00			03/19/2020 14:20:00			03/17/2020 15:19:00			03/18/2020 12:50:00			03/20/2020 08:07:00		
Matrix		Water			Water			Water			Water			Water			Water			Water			Water		
Dilution Factor		1			1			1			1			1			1			1			1		
Unit	ug/l	ug/l			ug/l			ug/l			ug/l			ug/l			ug/l			ug/l			ug/l		
		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 8260C																									
1,1,1-Trichloroethane	5	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31
1,1,2-Trichloroethane	NA	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43
1,1-Dichloroethane	5	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26
1,1-Dichloroethene	5	**0.54**	J	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26
1,2,3-Trichlorobenzene	NA	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	**0.36**	U F2	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36
1,2,4-Trichlorobenzene	5	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37
1,2-Dibromo-3-Chloropropane	NA	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38
1,2-Dichlorobenzene	4.7	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43
1,2-Dichloroethane	5	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43
1,2-Dichloropropane	NA	0.35	U	0.35	0.35	U	0.35	0.35	U	0.35	0.35	U	0.35	0.35	U	0.35	0.35	U	0.35	0.35	U	0.35	0.35	U	0.35
1,3-Dichlorobenzene	5	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34
1,4-Dichlorobenzene	5	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33
1,4-Dioxane	NA	28	U	28	28	U	28	28	U	28	28	U	28	28	U	28	28	U	28	28	U	28	28	U	28
2-Butanone (MEK)	50	1.9	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U	1.9
2-Hexanone	NA	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1
4-Methyl-2-pentanone (MIBK)	50	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3
Acetone	50	**6.6**		4.4	4.4	U	4.4	4.4	U	4.4	4.4	U	4.4	4.4	U	4.4	4.4	U	4.4	4.4	U	4.4	4.4	U	4.4
Benzene	0.7	**1.6**		0.20	0.20	U	0.20	0.20	U	0.20	0.20	U	0.20	0.20	U	0.20	0.20	U	0.20	0.20	U	0.20	0.20	U	0.20
Bromoform	50	0.54	U	0.54	0.54	U	0.54	0.54	U	0.54	0.54	U	0.54	0.54	U	0.54	0.54	U	0.54	0.54	U	0.54	0.54	U	0.54
Bromomethane	NA	0.55	U	0.55	0.55	U	0.55	0.55	U	0.55	0.55	U	0.55	0.55	U	0.55	0.55	U	0.55	0.55	U	0.55	0.55	U	0.55
Carbon disulfide	50	**7.6**		0.82	0.82	U	0.82	0.82	U	0.82	0.82	U	0.82	0.82	U	0.82	0.82	U	0.82	0.82	U	0.82	0.82	U	0.82
Carbon tetrachloride	5	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21
Chlorobenzene	5	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38
Chlorobromomethane	NA	0.41	U	0.41	0.41	U	0.41	0.41	U	0.41	0.41	U	0.41	0.41	U	0.41	0.41	U	0.41	0.41	U	0.41	0.41	U	0.41
Chlorodibromomethane	50	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28
Chloroethane	50	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32
Chloroform	7	**6.4**		0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33
Chloromethane	NA	**0.45**	J	0.40	0.40	U	0.40	0.40	U	0.40	0.40	U	0.40	0.40	U	0.40	0.40	U	0.40	0.40	U	0.40	0.40	U	0.40
cis-1,2-Dichloroethene	5	**370**		0.22	**22**		0.22	**65**		0.22	**2.4**		0.22	**1.4**		0.22	**7.9**		0.22	0.22	U	0.22	**0.94**	J	0.22
cis-1,3-Dichloropropene	NA	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Cyclohexane	NA	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32
Dichlorobromomethane	NA	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34
Dichlorodifluoromethane	NA	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31
Ethylbenzene	5	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30
Ethylene Dibromide	NA	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50
Isopropylbenzene	NA	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34
Methyl acetate	NA	0.79	U *	0.79	0.79	U *	0.79	0.79	U *	0.79	0.79	U *	0.79	0.79	F1 *	0.79	0.79	U *	0.79	0.79	U *	0.79	0.79	U	0.79
Methyl tert-butyl ether	10	0.47	U	0.47	0.47	U	0.47	0.47	U	0.47	0.47	U	0.47	0.47	U	0.47	0.47	U	0.47	0.47	U	0.47	0.47	U	0.47
Methylcyclohexane	NA	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26
Methylene Chloride	5	**0.47**	J	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32
m-Xylene & p-Xylene	5	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30
o-Xylene	5	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36
Styrene	NA	0.42	U	0.42	0.42	U	0.42	0.42	U	0.42	0.42	U	0.42	0.42	U	0.42	0.42	U	0.42	0.42	U	0.42	0.42	U	0.42
Tetrachloroethene	5	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25
Toluene	5	**0.77**	J	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38
trans-1,2-Dichloroethene	5	**4.5**		0.24	**0.45**	J	0.24	**0.55**	J	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24
trans-1,3-Dichloropropene	NA	0.49	U	0.49	0.49	U	0.49	0.49	U	0.49	0.49	U	0.49	0.49	U	0.49	0.49	U	0.49	0.49	U	0.49	0.49	U	0.49
Trichloroethene	5	**0.62**	J	0.31	**3.3**		0.31	**2.7**		0.31	**0.76**	J	0.31	0.31	U	0.31	**2.7**		0.31	0.31	U	0.31	0.31	U	0.31
Trichlorofluoromethane	NA	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32
Vinyl chloride	2	**120**		0.17	**0.37**	J	0.17	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17	**0.61**	J	0.17	0.17	U	0.17	0.17	U	0.17
Total Conc	NA	519.55			26.12			68.25			3.16			1.4			11.21			0.0			0.94		

Concentrations shown in bold were detected
Highlighted Concentrations shown in bold exceed limits
* : LCS or LCSD is outside acceptance limits.
J : Result is less than the RL but greater than or equal to the MD
and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Table 2
March 2020 Groundwater Sampling Event
Volatile Organic Compounds

CHGE Customer Service Center
610 Little Britain Road
New Windsor, New York

Client ID	NY NYSDEC	**MW18-11C**			**MW18-12A**			**MW18-12B**			**MW18-12C**			**MW18-13B**			**MW18-13C**			**MW18-14A**			**MW18-14B**		
Lab Sample ID	Groundwater	460-205614-32			460-205614-17			460-205614-9			460-205614-10			460-205614-11			460-205614-12			460-205614-13			460-205614-14		
Sampling Date	Criteria	03/17/2020 16:30:00			03/19/2020 11:15:00			03/19/2020 08:33:00			03/19/2020 09:30:00			03/19/2020 10:55:00			03/19/2020 11:46:00			03/17/2020 15:00:00			03/18/2020 12:09:00		
Matrix		Water			Water			Water			Water			Water			Water			Water			Water		
Dilution Factor		1			1			20			2			2			2			1			5		
Unit	ug/l	ug/l			ug/l			ug/l			ug/l			ug/l			ug/l			ug/l			ug/l		
		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 8260C																									
1,1,1-Trichloroethane	5	0.24	U	0.24	0.24	U	0.24	**52**		4.8	**0.97**	J	0.48	**13**		0.48	**12**		0.48	0.24	U	0.24	1.2	U	1.2
1,1,2,2-Tetrachloroethane	5	0.37	U	0.37	0.37	U	0.37	7.3	U	7.3	0.73	U	0.73	0.73	U	0.73	0.73	U	0.73	0.37	U	0.37	1.8	U	1.8
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.31	U	0.31	0.31	U	0.31	6.2	U	6.2	0.62	U	0.62	0.62	U	0.62	0.62	U	0.62	0.31	U	0.31	1.6	U	1.6
1,1,2-Trichloroethane	NA	0.43	U	0.43	0.43	U	0.43	8.7	U	8.7	**3.8**		0.87	0.87	U	0.87	0.87	U	0.87	0.43	U	0.43	2.2	U	2.2
1,1-Dichloroethane	5	0.26	U	0.26	0.26	U	0.26	**32**		5.3	**3.1**		0.53	**47**		0.53	**44**		0.53	0.26	U	0.26	1.3	U	1.3
1,1-Dichloroethene	5	0.26	U	0.26	0.26	U	0.26	**34**		5.3	**1.3**	J	0.53	**27**		0.53	**20**		0.53	0.26	U	0.26	1.3	U	1.3
1,2,3-Trichlorobenzene	NA	0.36	U	0.36	0.36	U	0.36	**7.1**	U F2	7.1	0.71	U	0.71	0.71	U	0.71	0.71	U	0.71	0.36	U F2	0.36	1.8	U	1.8
1,2,4-Trichlorobenzene	5	0.37	U	0.37	0.37	U	0.37	7.3	U	7.3	0.73	U	0.73	0.73	U	0.73	0.73	U	0.73	0.37	U	0.37	1.8	U	1.8
1,2-Dibromo-3-Chloropropane	NA	0.38	U	0.38	0.38	U	0.38	7.5	U	7.5	0.75	U	0.75	0.75	U	0.75	0.75	U	0.75	0.38	U	0.38	1.9	U	1.9
1,2-Dichlorobenzene	4.7	0.43	U	0.43	0.43	U	0.43	8.6	U	8.6	0.86	U	0.86	0.86	U	0.86	0.86	U	0.86	0.43	U	0.43	2.2	U	2.2
1,2-Dichloroethane	5	0.43	U	0.43	0.43	U	0.43	8.6	U	8.6	0.86	U	0.86	0.86	U	0.86	0.86	U	0.86	0.43	U	0.43	2.2	U	2.2
1,2-Dichloropropane	NA	0.35	U	0.35	0.35	U	0.35	7.1	U	7.1	0.71	U	0.71	0.71	U	0.71	0.71	U	0.71	0.35	U	0.35	1.8	U	1.8
1,3-Dichlorobenzene	5	0.34	U	0.34	0.34	U	0.34	6.8	U	6.8	0.68	U	0.68	0.68	U	0.68	0.68	U	0.68	0.34	U	0.34	1.7	U	1.7
1,4-Dichlorobenzene	5	0.33	U	0.33	0.33	U	0.33	6.7	U	6.7	0.67	U	0.67	0.67	U	0.67	0.67	U	0.67	0.33	U	0.33	1.7	U	1.7
1,4-Dioxane	NA	28	U	28	28	U	28	560	U	560	56	U	56	56	U	56	56	U	56	28	U	28	140	U	140
2-Butanone (MEK)	50	1.9	U	1.9	1.9	U	1.9	37	U	37	3.7	U	3.7	3.7	U	3.7	3.7	U	3.7	1.9	U	1.9	9.3	U	9.3
2-Hexanone	NA	1.1	U	1.1	1.1	U	1.1	23	U	23	2.3	U	2.3	2.3	U	2.3	2.3	U	2.3	1.1	U	1.1	5.7	U	5.7
4-Methyl-2-pentanone (MIBK)	50	1.3	U	1.3	1.3	U	1.3	26	U	26	2.6	U	2.6	2.6	U	2.6	2.6	U	2.6	1.3	U	1.3	6.5	U	6.5
Acetone	50	4.4	U	4.4	4.4	U	4.4	88	U	88	8.8	U	8.8	8.8	U	8.8	8.8	U	8.8	**5.1**		4.4	**75**		22
Benzene	0.7	0.20	U	0.20	0.20	U	0.20	4.1	U	4.1	0.41	U	0.41	0.41	U	0.41	0.41	U	0.41	0.20	U	0.20	1.0	U	1.0
Bromoform	50	0.54	U	0.54	0.54	U	0.54	11	U	11	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	0.54	U	0.54	2.7	U	2.7
Bromomethane	NA	0.55	U	0.55	0.55	U	0.55	11	U	11	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	0.55	U	0.55	2.8	U	2.8
Carbon disulfide	50	0.82	U	0.82	0.82	U	0.82	16	U	16	**7.1**		1.6	1.6	U	1.6	1.6	U	1.6	0.82	U	0.82	4.1	U	4.1
Carbon tetrachloride	5	0.21	U	0.21	0.21	U	0.21	4.2	U	4.2	0.42	U	0.42	0.42	U	0.42	0.42	U	0.42	0.21	U	0.21	1.0	U	1.0
Chlorobenzene	5	0.38	U	0.38	0.38	U	0.38	7.5	U	7.5	0.75	U	0.75	0.75	U	0.75	0.75	U	0.75	0.38	U	0.38	1.9	U	1.9
Chlorobromomethane	NA	0.41	U	0.41	0.41	U	0.41	8.2	U	8.2	0.82	U	0.82	0.82	U	0.82	0.82	U	0.82	0.41	U	0.41	2.1	U	2.1
Chlorodibromomethane	50	0.28	U	0.28	0.28	U	0.28	5.6	U	5.6	0.56	U	0.56	0.56	U	0.56	0.56	U	0.56	0.28	U	0.28	1.4	U	1.4
Chloroethane	50	0.32	U	0.32	0.32	U	0.32	6.4	U	6.4	0.64	U	0.64	**7.3**		0.64	**6.8**		0.64	0.32	U	0.32	1.6	U	1.6
Chloroform	7	0.33	U	0.33	0.33	U	0.33	6.5	U	6.5	0.65	U	0.65	0.65	U	0.65	0.65	U	0.65	0.33	U	0.33	1.6	U	1.6
Chloromethane	NA	0.40	U	0.40	0.40	U	0.40	8.0	U	8.0	0.80	U	0.80	0.80	U	0.80	0.80	U	0.80	0.40	U	0.40	2.0	U	2.0
cis-1,2-Dichloroethene	5	**11**		0.22	0.22	U	0.22	**7200**	F1	4.4	**630**		0.44	**610**		0.44	**730**		0.44	0.22	U	0.22	**1000**		1.1
cis-1,3-Dichloropropene	NA	0.22	U	0.22	0.22	U	0.22	4.4	U	4.4	0.44	U	0.44	0.44	U	0.44	0.44	U	0.44	0.22	U	0.22	1.1	U	1.1
Cyclohexane	NA	0.32	U	0.32	0.32	U	0.32	6.4	U	6.4	0.64	U	0.64	0.64	U	0.64	0.64	U	0.64	0.32	U	0.32	1.6	U	1.6
Dichlorobromomethane	NA	0.34	U	0.34	0.34	U	0.34	6.9	U	6.9	0.69	U	0.69	0.69	U	0.69	0.69	U	0.69	0.34	U	0.34	1.7	U	1.7
Dichlorodifluoromethane	NA	0.31	U	0.31	0.31	U	0.31	6.2	U	6.2	0.62	U	0.62	0.62	U	0.62	0.62	U	0.62	0.31	U	0.31	1.6	U	1.6
Ethylbenzene	5	0.30	U	0.30	0.30	U	0.30	6.0	U	6.0	0.60	U	0.60	0.60	U	0.60	0.60	U	0.60	0.30	U	0.30	1.5	U	1.5
Ethylene Dibromide	NA	0.50	U	0.50	0.50	U	0.50	10	U	10	1.0	U	1.0	1.0	U	1.0	1.0	U	1.0	0.50	U	0.50	2.5	U	2.5
Isopropylbenzene	NA	0.34	U	0.34	0.34	U	0.34	6.7	U	6.7	0.67	U	0.67	0.67	U	0.67	0.67	U	0.67	0.34	U	0.34	1.7	U	1.7
Methyl acetate	NA	0.79	U *	0.79	0.79	U *	0.79	**16**	U F1	16	1.6	U *	1.6	1.6	U	1.6	1.6	U	1.6	0.79	F1 *	0.79	3.9	U *	3.9
Methyl tert-butyl ether	10	0.47	U	0.47	0.47	U	0.47	9.3	U	9.3	**6.0**		0.93	0.93	U	0.93	0.93	U	0.93	0.47	U	0.47	2.3	U	2.3
Methylcyclohexane	NA	0.26	U	0.26	0.26	U	0.26	5.2	U	5.2	0.52	U	0.52	0.52	U	0.52	**0.72**	J	0.52	0.26	U	0.26	1.3	U	1.3
Methylene Chloride	5	0.32	U	0.32	0.32	U	0.32	6.3	U	6.3	0.63	U	0.63	0.63	U	0.63	0.63	U	0.63	0.32	U	0.32	1.6	U	1.6
m-Xylene & p-Xylene	5	0.30	U	0.30	0.30	U	0.30	5.9	U	5.9	0.59	U	0.59	0.59	U	0.59	0.59	U	0.59	0.30	U	0.30	1.5	U	1.5
o-Xylene	5	0.36	U	0.36	0.36	U	0.36	7.2	U	7.2	0.72	U	0.72	0.72	U	0.72	0.72	U	0.72	0.36	U	0.36	1.8	U	1.8
Styrene	NA	0.42	U	0.42	0.42	U	0.42	8.3	U	8.3	0.83	U	0.83	0.83	U	0.83	0.83	U	0.83	0.42	U	0.42	2.1	U	2.1
Tetrachloroethene	5	0.25	U	0.25	0.25	U	0.25	5.0	U	5.0	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.25	U	0.25	1.2	U	1.2
Toluene	5	0.38	U	0.38	0.38	U	0.38	7.6	U	7.6	**1.4**	J	0.76	0.76	U	0.76	0.76	U	0.76	0.38	U	0.38	**7.0**		1.9
trans-1,2-Dichloroethene	5	**1.2**		0.24	0.24	U	0.24	**13**	J	4.7	**7.2**		0.47	**4.0**		0.47	**4.8**		0.47	0.24	U	0.24	1.2	U	1.2
trans-1,3-Dichloropropene	NA	0.49	U	0.49	0.49	U	0.49	9.7	U	9.7	0.97	U	0.97	0.97	U	0.97	0.97	U	0.97	0.49	U	0.49	2.4	U	2.4
Trichloroethene	5	0.31	U	0.31	**3.8**		0.31	**7.7**	J	6.3	**50**		0.63	**210**		0.63	**14**		0.63	0.31	U	0.31	**83**		1.6
Trichlorofluoromethane	NA	0.32	U	0.32	0.32	U	0.32	6.4	U	6.4	0.64	U	0.64	0.64	U	0.64	0.64	U	0.64	0.32	U	0.32	1.6	U	1.6
Vinyl chloride	2	**13**		0.17	0.17	U	0.17	**140**		3.4	**480**		0.34	**110**		0.34	**180**		0.34	0.17	U	0.17	**52**		0.86
Total Conc	NA	25.2			3.8			7478.7			1190.87			1028.3			1012.32			5.1			1217.0		

Concentrations shown in bold were detected
Highlighted Concentrations shown in bold exceed limits
* : LCS or LCSD is outside acceptance limits.
J : Result is less than the RL but greater than or equal to the MD
and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Table 2
March 2020 Groundwater Sampling Event
Volatile Organic Compounds

CHGE Customer Service Center
610 Little Britain Road
New Windsor, New York

Client ID	NY NYSDEC	**MW18-14C**			**SG-1**			**FB-200320**			**FB-200317**			**FB-200318**			**FB-200319**			**TB-200320**		
Lab Sample ID	Groundwater	460-205614-15			460-205614-5			460-205614-1			460-205614-18			460-205614-19			460-205614-20			460-205614-8		
Sampling Date	Criteria	03/18/2020 11:12:00			03/20/2020 10:15:00			03/20/2020 12:20:00			03/17/2020 17:20:00			03/18/2020 14:50:00			03/19/2020 15:00:00			03/20/2020 00:00:00		
Matrix		Water			Water			Water			Water			Water			Water			Water		
Dilution Factor		200			1			1			1			1			1			1		
Unit	ug/l	ug/l			ug/l			ug/l			ug/l			ug/l			ug/l			ug/l		
		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 8260C																						
1,1,1-Trichloroethane	5	48	U	48	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24
1,1,2,2-Tetrachloroethane	5	73	U	73	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	62	U	62	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31
1,1,2-Trichloroethane	NA	87	U	87	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43
1,1-Dichloroethane	5	53	U	53	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26
1,1-Dichloroethene	5	**230**		53	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26
1,2,3-Trichlorobenzene	NA	71	U	71	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36
1,2,4-Trichlorobenzene	5	73	U	73	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37
1,2-Dibromo-3-Chloropropane	NA	75	U	75	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38
1,2-Dichlorobenzene	4.7	86	U	86	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43
1,2-Dichloroethane	5	86	U	86	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43	0.43	U	0.43
1,2-Dichloropropane	NA	71	U	71	0.35	U	0.35	0.35	U	0.35	0.35	U	0.35	0.35	U	0.35	0.35	U	0.35	0.35	U	0.35
1,3-Dichlorobenzene	5	68	U	68	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34
1,4-Dichlorobenzene	5	67	U	67	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33
1,4-Dioxane	NA	5600	U	5600	28	U	28	28	U	28	28	U	28	28	U	28	28	U	28	28	U	28
2-Butanone (MEK)	50	370	U	370	1.9	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U	1.9	1.9	U	1.9
2-Hexanone	NA	230	U	230	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1
4-Methyl-2-pentanone (MIBK)	50	260	U	260	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3	1.3	U	1.3
Acetone	50	880	U	880	4.4	U	4.4	4.4	U	4.4	4.4	U	4.4	4.4	U	4.4	4.4	U	4.4	4.4	U	4.4
Benzene	0.7	41	U	41	0.20	U	0.20	0.20	U	0.20	0.20	U	0.20	0.20	U	0.20	0.20	U	0.20	0.20	U	0.20
Bromoform	50	110	U	110	0.54	U	0.54	0.54	U	0.54	0.54	U	0.54	0.54	U	0.54	0.54	U	0.54	0.54	U	0.54
Bromomethane	NA	110	U	110	0.55	U	0.55	0.55	U	0.55	0.55	U	0.55	0.55	U	0.55	0.55	U	0.55	0.55	U	0.55
Carbon disulfide	50	160	U	160	0.82	U	0.82	0.82	U	0.82	0.82	U	0.82	0.82	U	0.82	0.82	U	0.82	0.82	U	0.82
Carbon tetrachloride	5	42	U	42	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21
Chlorobenzene	5	75	U	75	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38
Chlorobromomethane	NA	82	U	82	0.41	U	0.41	0.41	U	0.41	0.41	U	0.41	0.41	U	0.41	0.41	U	0.41	0.41	U	0.41
Chlorodibromomethane	50	56	U	56	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28
Chloroethane	50	64	U	64	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32
Chloroform	7	65	U	65	0.33	U	0.33	0.33	U	0.33	**0.45**	J	0.33	**0.46**	J	0.33	0.33	U	0.33	0.33	U	0.33
Chloromethane	NA	80	U	80	0.40	U	0.40	0.40	U	0.40	0.40	U	0.40	0.40	U	0.40	0.40	U	0.40	0.40	U	0.40
cis-1,2-Dichloroethene	5	**66000**		44	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
cis-1,3-Dichloropropene	NA	44	U	44	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Cyclohexane	NA	64	U	64	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32
Dichlorobromomethane	NA	69	U	69	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34
Dichlorodifluoromethane	NA	62	U	62	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31
Ethylbenzene	5	60	U	60	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30
Ethylene Dibromide	NA	100	U	100	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50	0.50	U	0.50
Isopropylbenzene	NA	67	U	67	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34
Methyl acetate	NA	160	U *	160	0.79	U	0.79	0.79	U	0.79	0.79	U *	0.79	0.79	U *	0.79	0.79	U *	0.79	0.79	U *	0.79
Methyl tert-butyl ether	10	93	U	93	0.47	U	0.47	0.47	U	0.47	0.47	U	0.47	0.47	U	0.47	0.47	U	0.47	0.47	U	0.47
Methylcyclohexane	NA	52	U	52	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26
Methylene Chloride	5	63	U	63	0.32	U	0.32	**4.6**		0.32	**0.63**	J	0.32	**0.64**	J	0.32	**4.5**		0.32	0.32	U	0.32
m-Xylene & p-Xylene	5	59	U	59	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30	0.30	U	0.30
o-Xylene	5	72	U	72	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36	0.36	U	0.36
Styrene	NA	83	U	83	0.42	U	0.42	0.42	U	0.42	0.42	U	0.42	0.42	U	0.42	0.42	U	0.42	0.42	U	0.42
Tetrachloroethene	5	50	U	50	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25
Toluene	5	76	U	76	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38	0.38	U	0.38
trans-1,2-Dichloroethene	5	**64**	J	47	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24
trans-1,3-Dichloropropene	NA	97	U	97	0.49	U	0.49	0.49	U	0.49	0.49	U	0.49	0.49	U	0.49	0.49	U	0.49	0.49	U	0.49
Trichloroethene	5	**750**		63	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31
Trichlorofluoromethane	NA	64	U	64	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32
Vinyl chloride	2	**2400**		34	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17
Total Conc	NA	69444.0			0.0			4.6			1.08			1.1			4.5			0.0		

Concentrations shown in bold were detected
Highlighted Concentrations shown in bold exceed limits
* : LCS or LCSD is outside acceptance limits.
J : Result is less than the RL but greater than or equal to the MD
and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Table 2
March 2020 Groundwater Sampling Event
Semi-Volatile Organic Compounds

CHGE Customer Service Center
610 Little Britain Road
New Windsor, New York

Client ID	NY NYSDEC			**SG-1**			**MW18-8E**	
Lab Sample ID	Groundwater			460-205614-5			460-205614-7	
Sampling Date	Criteria			03/20/2020 10:15:00			03/20/2020 08:50:00	
Matrix				Water			Water	
Dilution Factor				1			20	
Unit	ug/l			ug/l			ug/l	
		Result	Q	MDL	Result	Q	MDL	
WATER BY 8270D								
1,1'-Biphenyl	NA	1.2	U	1.2	24	U	24	
1,2,4,5-Tetrachlorobenzene	NA	1.2	U	1.2	25	U	25	
2,2'-oxybis[1-chloropropane]	NA	0.63	U	0.63	13	U	13	
2,3,4,6-Tetrachlorophenol	NA	0.75	U	0.75	15	U	15	
2,4,5-Trichlorophenol	1	0.88	U	0.88	18	U	18	
2,4,6-Trichlorophenol	NA	0.86	U	0.86	17	U	17	
2,4-Dichlorophenol	1	1.1	U	1.1	21	U	21	
2,4-Dimethylphenol	NA	0.62	U	0.62	12	U	12	
2,4-Dinitrophenol	5	14	U	14	290	U	290	
2,4-Dinitrotoluene	NA	1.0	U	1.0	20	U	20	
2,6-Dinitrotoluene	5	0.83	U	0.83	17	U	17	
2-Chloronaphthalene	NA	1.2	U	1.2	24	U	24	
2-Chlorophenol	50	0.38	U	0.38	7.5	U	7.5	
2-Methylnaphthalene	50	1.1	U	1.1	22	U	22	
2-Methylphenol	5	0.67	U	0.67	13	U	13	
2-Nitroaniline	5	0.47	U	0.47	9.5	U	9.5	
2-Nitrophenol	5	0.75	U	0.75	15	U	15	
3,3'-Dichlorobenzidine	NA	1.4	U	1.4	29	U	29	
3-Nitroaniline	5	1.9	U	1.9	39	U	39	
4,6-Dinitro-2-methylphenol	NA	13	U	13	270	U	270	
4-Bromophenyl phenyl ether	NA	0.75	U	0.75	15	U	15	
4-Chloro-3-methylphenol	5	0.58	U	0.58	12	U	12	
4-Chloroaniline	5	1.9	U	1.9	38	U	38	
4-Chlorophenyl phenyl ether	NA	1.3	U	1.3	26	U	26	
4-Methylphenol	50	0.65	U	0.65	13	U	13	
4-Nitroaniline	NA	1.2	U	1.2	24	U	24	
4-Nitrophenol	5	4.0	U	4.0	80	U	80	
Acenaphthene	20	1.1	U	1.1	22	U	22	
Acenaphthylene	20	0.82	U	0.82	16	U	16	
Acetophenone	NA	2.3	U	2.3	47	U	47	
Anthracene	50	0.63	U	0.63	13	U	13	
Atrazine	NA	1.3	U	1.3	27	U	27	
Benzaldehyde	NA	2.1	U	2.1	42	U	42	
Benzo[a]anthracene	0.002	0.59	U	0.59	12	U	12	
Benzo[a]pyrene	0.002	0.41	U	0.41	8.1	U	8.1	
Benzo[b]fluoranthene	0.002	0.68	U	0.68	14	U	14	
Benzo[g,h,i]perylene	5	1.4	U	1.4	29	U	29	
Benzo[k]fluoranthene	0.002	0.67	U	0.67	13	U	13	
Bis(2-chloroethoxy)methane	NA	0.59	U	0.59	12	U	12	
Bis(2-chloroethyl)ether	NA	0.63	U	0.63	13	U	13	
Bis(2-ethylhexyl) phthalate	50	1.7	U	1.7	34	U	34	
Butyl benzyl phthalate	50	0.85	U	0.85	17	U	17	
Caprolactam	NA	0.68	U	0.68	**1500**		14	
Carbazole	NA	0.68	U	0.68	14	U	14	
Chrysene	0.002	0.91	U	0.91	18	U	18	
Dibenz(a,h)anthracene	50	0.72	U	0.72	14	U	14	
Dibenzofuran	5	1.1	U	1.1	22	U	22	
Diethyl phthalate	50	0.98	U	0.98	20	U	20	
Dimethyl phthalate	50	0.77	U	0.77	15	U	15	
Di-n-butyl phthalate	50	0.84	U	0.84	17	U	17	
Di-n-octyl phthalate	50	4.8	U	4.8	95	U	95	
Fluoranthene	50	0.84	U	0.84	17	U	17	
Fluorene	50	0.91	U	0.91	18	U	18	
Hexachlorobenzene	0.35	0.40	U	0.40	7.9	U	7.9	
Hexachlorobutadiene	NA	0.78	U	0.78	16	U	16	
Hexachlorocyclopentadiene	NA	3.6	U	3.6	73	U	73	
Hexachloroethane	NA	0.80	U	0.80	16	U	16	
Indeno[1,2,3-cd]pyrene	0.002	0.94	U	0.94	19	U	19	
Isophorone	50	0.80	U	0.80	16	U	16	
Naphthalene	10	1.1	U	1.1	23	U	23	
Nitrobenzene	5	0.57	U	0.57	11	U	11	
N-Nitrosodi-n-propylamine	NA	0.43	U	0.43	8.6	U	8.6	
N-Nitrosodiphenylamine	NA	0.89	U	0.89	18	U	18	
Pentachlorophenol	1	1.4	U	1.4	29	U	29	
Phenanthrene	50	0.58	U	0.58	12	U	12	
Phenol	1	0.29	U	0.29	5.8	U	5.8	
Pyrene	50	1.6	U	1.6	33	U	33	
Total Conc	NA	0.0			1500.0			

Concentrations shown in bold were detected
Highlighted Concentrations shown in bold exceed limits
* : 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.
U : Indicates the analyte was analyzed for but not detected.

Table 2
March 2020 Groundwater Sampling Event
Pesticides

CHGE Customer Service Center
610 Little Britain Road
New Windsor, New York

Client ID	NY NYSDEC	**SG-1**			**MW18-8E**		
Lab Sample ID	Groundwater	460-205614-5			460-205614-7		
Sampling Date	Criteria	03/20/2020 10:15:00			03/20/2020 08:50:00		
Matrix		Water			Water		
Dilution Factor		1			1		
Unit	ug/l	ug/l			ug/l		
		Result	Q	MDL	Result	Q	MDL
WATER BY 8081B							
4,4'-DDD	0.01	0.0060	U	0.0060	0.0060	U	0.0060
4,4'-DDE	0.01	0.0020	U	0.0020	0.0020	U	0.0020
4,4'-DDT	0.01	0.0040	U	0.0040	0.0040	U	0.0040
Aldrin	0.01	0.0030	U * *1	0.0030	0.0030	U * *1	0.0030
alpha-BHC	0.05	0.0070	U	0.0070	0.0070	U	0.0070
beta-BHC	0.05	0.0040	U	0.0040	0.0040	U	0.0040
Chlordane (technical)	NA	0.055	U	0.055	0.055	U	0.055
delta-BHC	0.05	0.0050	U	0.0050	0.0050	U	0.0050
Dieldrin	0.01	0.0030	U	0.0030	0.0030	U	0.0030
Endosulfan I	0.1	0.0020	U	0.0020	0.0020	U	0.0020
Endosulfan II	0.1	0.0040	U	0.0040	0.0040	U	0.0040
Endosulfan sulfate	0.1	0.0060	U	0.0060	0.0060	U	0.0060
Endrin	0.01	0.0040	U	0.0040	0.0040	U	0.0040
Endrin aldehyde	NA	0.0080	U	0.0080	0.0080	U	0.0080
Endrin ketone	NA	0.0080	U	0.0080	0.0080	U	0.0080
gamma-BHC (Lindane)	0.05	0.012	U	0.012	0.012	U	0.012
Heptachlor	0.01	0.0030	U	0.0030	0.0030	U	0.0030
Heptachlor epoxide	0.01	0.0050	U	0.0050	0.0050	U	0.0050
Methoxychlor	35	0.0040	U	0.0040	0.0040	U	0.0040
Toxaphene	NA	0.11	U	0.11	0.11	U	0.11

Concentrations shown in bold were detected
Highlighted Concentrations shown in bold exceed limits
* : LCS or LCSD is outside acceptance limits.
*1 : LCS/LCSD RPD exceeds control limits.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Table 2
March 2020 Groundwater Sampling Event
PCBs

CHGE Customer Service Center
610 Little Britain Road
New Windsor, New York

Client ID	NY NYSDEC	**SG-1**			**MW18-8E**		
Lab Sample ID	Groundwater	460-205614-5			460-205614-7		
Sampling Date	Criteria	03/20/2020 10:15:00			03/20/2020 08:50:00		
Matrix		Water			Water		
Dilution Factor		1			1		
Unit	ug/l	ug/l			ug/l		
		Result	Q	MDL	Result	Q	MDL
WATER BY 8082A							
Aroclor 1016	NA	0.12	U	0.12	0.12	U	0.12
Aroclor 1221	NA	0.12	U	0.12	0.12	U	0.12
Aroclor 1232	NA	0.12	U	0.12	0.12	U	0.12
Aroclor 1242	NA	0.12	U	0.12	0.12	U	0.12
Aroclor 1248	NA	0.12	U	0.12	0.12	U	0.12
Aroclor 1254	NA	0.11	U	0.11	0.11	U	0.11
Aroclor 1260	NA	0.11	U	0.11	0.11	U	0.11
Aroclor 1268	NA	0.11	U	0.11	0.11	U	0.11
Aroclor-1262	NA	0.11	U	0.11	0.11	U	0.11
Total PCBs	0.1	0.12	U	0.12	0.12	U	0.12

Concentrations shown in bold were detected
Highlighted Concentrations shown in bold exceed limits
* : 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.
U : Indicates the analyte was analyzed for but not detected.

Table 2
March 2020 Groundwater Sampling Event
Herbicides

CHGE Customer Service Center
610 Little Britain Road
New Windsor, New York

Client ID	NY NYSDEC	**SG-1**			**MW18-8E**		
Lab Sample ID	Groundwater	460-205614-5			460-205614-7		
Sampling Date	Criteria	03/20/2020 10:15:00			03/20/2020 08:50:00		
Matrix		Water			Water		
Dilution Factor		1			1		
Unit	ug/l	ug/l			ug/l		
		Result	Q	MDL	Result	Q	MDL
WATER BY 8151A							
2,4,5-T	35	0.12	U	0.12	0.12	U	0.12
2,4-D	4.4	0.13	U	0.13	0.13	U	0.13
Silvex (2,4,5-TP)	0.26	0.11	U	0.11	0.11	U	0.11

Concentrations shown in bold were detected
Highlighted Concentrations shown in bold exceed limits
* : 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.
U : Indicates the analyte was analyzed for but not detected.

Table 2
March 2020 Groundwater Sampling Event
Metals

CHGE Customer Service Center
610 Little Britain Road
New Windsor, New York

Client ID	NY NYSDEC	**SG-1**			**MW18-8E**		
Lab Sample ID	Groundwater	460-205614-5			460-205614-7		
Sampling Date	Criteria	03/20/2020 10:15:00			03/20/2020 08:50:00		
Matrix		Water			Water		
Unit	ug/l	ug/l			ug/l		
		Result	Q	MDL	Result	Q	MDL
WATER BY 6020B							
Aluminum	NA	**64.2**		18.8	**153**		18.8
Antimony	NA	0.40	U	0.40	**7.8**	F1	0.40
Arsenic	NA	0.73	U	0.73	**14.2**		0.73
Barium	NA	**20.3**		1.2	**44.9**		1.2
Beryllium	NA	0.25	U	0.25	0.25	U	0.25
Cadmium	NA	0.81	U	0.81	0.81	U	0.81
Calcium	NA	**50500**		98.8	**8310**		98.8
Chromium	NA	2.3	U	2.3	2.3	U	2.3
Cobalt	NA	1.6	U	1.6	1.6	U	1.6
Copper	NA	**2.7**	J	2.0	**9.1**		2.0
Iron	NA	**140**		51.1	**509**	F1	51.1
Lead	NA	**0.66**	J	0.55	**51.7**	F1	0.55
Magnesium	NA	**11100**		73.7	**15200**		73.7
Manganese	NA	**66.7**		2.9	**35.7**		2.9
Nickel	NA	2.4	U	2.4	**3.8**	J	2.4
Potassium	NA	**1570**		86.7	**80500**		86.7
Selenium	NA	5.4	U	5.4	5.4	U	5.4
Silver	NA	0.59	U	0.59	0.59	U	0.59
Sodium	NA	**94600**		128	**136000**		128
Thallium	NA	0.16	U	0.16	0.16	U	0.16
Vanadium	NA	1.1	U	1.1	1.1	U	1.1
Zinc	NA	11.1	U	11.1	**37.8**		11.1
WATER BY 7470A							
Mercury	NA	0.091	U	0.091	0.091	U	0.091

Concentrations shown in bold were detected
Highlighted Concentrations shown in bold exceed limits
* : LCS or LCSD is outside acceptance limits.
F1 : MS and/or MSD recovery exceeds control limits.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Table 3

Historical Groundwater Data for Contaminants of Concern

CHGE Facility
610 Little Britain Road
New Windsor, New York

Well ID	Depth Interval Sampled (See Note 10)	Date	Acetone	Benzene	Chloroform	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Toluene	1, 1, 1-Trichloroethane	Trichloroethene	Vinyl Chloride	m+p Xylene
TOGS 1.1.1 Standard/Guidance Value:			**50.0**	**0.7**	**7.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**2.0**	**5.0**
MW94-1B	Bedrock	Sep-95	PND	PND	PND	1.0 U / 1.0 U	1.0 U / 1.0 U	PND	**110 JD / 114 JD**	1.0 U / 1.0 U	1.0 U / 1.0 U	PND	**130 JD / 130 JD**	**11 J / 10 J**	1.0 U / 1.0 U
		Aug-96	PND	PND	PND	0.5 U	0.5 U	PND	**280**	0.5 U	0.5 U	PND	**21 J**	0.74 U	0.8 U
		Nov-00	PND	PND	PND	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**190 / 190**	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**59 / 59**	**1.0 J / 1.4 J**	5.0 U / 5.0 U
		Jun-01	PND	PND	PND	5.0 U	5.0 U	PND	**78**	5.0 U	5.0 U	PND	**13**	5.0 U	5.0 U
		Sep-01	PND	PND	PND	5.0 U	5.0 U	PND	**160**	5.0 U	5.0 U	PND	**86**	**9.0**	5.0 U
		Dec-01	PND	PND	PND	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**340 / 330**	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**180 / 180**	**240 / 240**	5.0 U / 5.0 U
		Mar-02	PND	PND	PND	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**59 / 59**	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**33 / 31**	5.0 U / 5.0 U	5.0 U / 5.0 U
		Jun-02	PND	PND	PND	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**48 / 46**	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**22 / 22**	5.0 U / 5.0 U	5.0 U / 5.0 U
		Sep-02	PND	PND	PND	5.0 U	5.0 U	PND	**65**	5.0 U	5.0 U	PND	**31**	5.0 U	5.0 U
		Dec-02	PND	PND	PND	5.0 U	5.0 U	PND	**7.8**	5.0 U	5.0 U	PND	**9.0**	2.0 U	5.0 U
		Jun-03	PND	PND	PND	5.0 U	5.0 U	PND	**9.6**	5.0 U	5.0 U	PND	**5.2**	2.0 U	**6.0**
		Dec-03	PND	PND	PND	5.0 U	5.0 U	PND	**24**	5.0 U	5.0 U	PND	5.0 U	2.0 U	5.0 U
		Jun-04	PND	PND	PND	5.0 U	5.0 U	PND	**35**	5.0 U	5.0 U	PND	**6.3**	2.0 U	5.0 U
		Dec-04	PND	PND	PND	5.0 U	5.0 U	PND	**16**	5.0 U	5.0 U	PND	5.0 U	2.0 U	5.0 U
		Jun-05	PND	PND	PND	5.0 U	5.0 U	PND	**18**	5.0 U	5.0 U	PND	5.0 U	2.0 U	5.0 U
		Dec-05	PND	PND	PND	5.0 U	5.0 U	PND	**19**	5.0 U	5.0 U	PND	**5.5**	2.0 U	5.0 U
		Aug-06	PND	PND	PND	5.0 U	5.0 U	PND	**9.2**	5.0 U	5.0 U	PND	**7.8**	2.0 U	5.0 U
		Dec-06	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	**5.2**	2.0 U	5.0 U
		Jun-07	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	2.0 U	5.0 U
		May-17	**7.1**	PND	1.0 U	1.0 U	1.0 U	1.0 U	**0.57J**	1.0 U	1.0 U	PND	**2.2**	1.0 U	1.0 U
		Oct-18	5.0 U	0.43 U	0.33 U	0.26 U	0.12 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	**2.4**	0.17 U	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**0.48 J**	0.24 U	0.38 U	0.24 U	**2.0**	0.17 U	0.30 U
		Mar-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**1.9**	0.24 U	0.38 U	0.24 U	**6.0**	0.17 U	0.30 U
MW94-2	Overburden	May-17	**3.8 J**	PND	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	PND	**0.26 J**	1.0 U	1.0 U
		Oct-18	5.0 U	0.43 U	0.33 U	0.26 U	0.12 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	**0.57 J**	0.17 U	0.65 U
		Dec-19	Dry												
		Mar-20	Dry												
MW94-2B	Bedrock	May-17	**4.1 J**	PND	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	PND	**0.40 J**	1.0 U	1.0 U
		Oct-18	5.0 U	0.43 U	0.33 U	0.26 U	0.12 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	**0.77 J**	0.17 U	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	**0.57 J**	0.17 U	0.30 U
		Mar-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	**0.37 J**	0.17 U	0.30 U
MW94-3	Overburden	May-17	**4.4 J**	PND	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	PND	1.0 U	1.0 U	1.0 U
		Oct-18	5.0 U	0.43 U	0.33 U	0.26 U	0.12 UF1	0.43 U	0.22 U	0.24 UF1	0.38 U	0.24 U	0.31 U	0.17 U	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	0.22 U	0.24 U	0.38 U	**0.29 J**	0.31 U	0.17 U	0.30 U
		Mar-20	4.4 U	0.20 U	**0.33 J**	0.26 U	0.26 U	0.43 U	0.22 U	0.24 U	0.38 U	**0.29 J**	0.31 U	0.17 U	0.30 U
MW94-4B2	Bedrock	Dec-04	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	2.0 U	5.0 U
		May-17	Well Previously Abandoned/Destroyed												

Table 3

Historical Groundwater Data for Contaminants of Concern

CHGE Facility
610 Little Britain Road
New Windsor, New York

Well ID	Depth Interval Sampled (See Note 10)	Date	Acetone	Benzene	Chloroform	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Toluene	1, 1, 1-Trichloroethane	Trichloroethene	Vinyl Chloride	m+p Xylene
TOGS 1.1.1 Standard/Guidance Value:			**50.0**	**0.7**	**7.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**2.0**	**5.0**
MW94-5	Overburden	Sep-95	PND	PND	PND	**0.5 J**	1.0 U	PND	**1.6 J**	1.0 U	1.0 U	PND	1.0 U	1.0 U	1.0 U
		Nov-00	PND	PND	PND	**1.1 J**	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U
		Jun-01	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U
		Sep-01	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U
		Dec-01	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U
		Mar-02	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U
		Jun-02	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U
		May-17	**6.4**	PND	1.0 U	1.0 U	1.0 U	1.0 U	**7.8**	1.0 U	1.0 U	PND	**0.68 J**	**0.82 J**	1.0 U
		Oct-18	5.0 U	0.43 U	0.33 U	0.26 U	0.12 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.30 U
		Mar-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.30 U
MW96-6	Overburden	Aug-96	PND	PND	PND	0.5 U	0.5 U	PND	0.84 U	0.5 U	0.5 U	PND	0.5 U	0.74 U	0.8 U
		Nov-00	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U
		Jun-01	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U
		Sep-01	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U
		Dec-01	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U
		Mar-02	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U
		Jun-02	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U
		May-17	**4.6 J**	PND	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	PND	1.0 U	1.0 U	1.0 U
		Oct-18	5.0 U	0.43 U	0.33 U	0.26 U	0.12 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	4.4 U	**2.0**	0.24 U	0.38 U	0.24 U	**0.53 J**	**0.23 J**	0.30 U
		Mar-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.30 U
MW96-7B	Bedrock	Aug-96	PND	PND	PND	**8.5 J**	5.0 U	PND	**120**	5.0 U	5.0 U	PND	**14 J**	7.4 U	8.0 U
		Nov-00	PND	PND	PND	**12**	5.0 U	PND	**58**	**1.9 J**	5.0 U	PND	**15**	**38**	5.0 U
		Jun-01	PND	PND	PND	**14**	5.0 U	PND	**62**	5.0 U	5.0 U	PND	**21**	**35**	5.0 U
		Sep-01	PND	PND	PND	**14**	5.0 U	PND	**120**	5.0 U	5.0 U	PND	**34**	**86**	5.0 U
		Dec-01	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U
		Mar-02	PND	PND	PND	5.0 U	5.0 U	PND	**8.9**	5.0 U	5.0 U	PND	**5.0**	5.0 U	5.0 U
		Jun-02	PND	PND	PND	**7.2**	5.0 U	PND	**130**	5.0 U	5.0 U	PND	**8.6**	**45**	5.0 U
		Sep-02	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	**8.2**	5.0 U	5.0 U
		Dec-02	PND	PND	PND	5.0 U	5.0 U	PND	**75**	5.0 U	5.0 U	PND	5.0 U	**35**	5.0 U
		Jun-03	PND	PND	PND	**7.8 / 8.3**	5.0 U / 5.0 U	PND	**25 / 27**	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**9.2 / 8.9**	**11 / 11**	5.0 U / 5.0 U
		Dec-03	PND	PND	PND	**12**	5.0 U	PND	**85**	5.0 U	5.0 U	PND	**6.0**	**42**	5.0 U
		Jun-04	PND	PND	PND	**8.7**	5.0 U	PND	**46**	5.0 U	5.0 U	PND	**8.1**	**18**	5.0 U
		Dec-04	PND	PND	PND	**7.4 / 7.3**	5.0 U / 5.0 U	PND	**36 / 39**	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**6.3 / 6.7**	**16 / 17**	5.0 U / 5.0 U
		Jun-05	PND	PND	PND	**11**	5.0 U	PND	**47**	5.0 U	5.0 U	PND	**15**	**18**	5.0 U
		Dec-05	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	**3.1**	5.0 U
		Aug-06	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	2.0 U	5.0 U
		Dec-06	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	**2.3**	5.0 U
		Jun-07	PND	PND	PND	5.0 U	5.0 U	PND	**9.0**	5.0 U	5.0 U	PND	5.0 U	**4.3**	5.0 U
		May-17	**6.1**	PND	**0.85 J**	1.0 U	1.0 U	1.0 U	**1.5**	1.0 U	1.0 U	PND	**2.3**	1.0 U	1.0 U
		Oct-18	5.0 U	0.43 U	0.33 U	0.26 U	0.12 U	0.43 U	**0.99 J**	0.24 U	0.38 U	0.24 U	**1.9**	0.17 U	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	**0.87 J**	0.17 U	0.30 U
		Mar-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**0.68 J**	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.30 U

Table 3

Historical Groundwater Data for Contaminants of Concern

CHGE Facility
610 Little Britain Road
New Windsor, New York

Well ID	Depth Interval Sampled (See Note 10)	Date	Acetone	Benzene	Chloroform	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Toluene	1, 1, 1-Trichloroethane	Trichloroethene	Vinyl Chloride	m+p Xylene
TOGS 1.1.1 Standard/Guidance Value:			**50.0**	**0.7**	**7.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**2.0**	**5.0**
MW01-8A [3,4]	Overburden	Jun-01	PND	PND	PND	5.0 U	5.0 U	PND	**21**	5.0 U	5.0 U	PND	**28**	5.0 U	5.0 U
		Sep-01	PND	PND	PND	NS [4]	NS [4]	PND	NS [4]	NS [4]	NS [4]	PND	NS [4]	NS [4]	NS [4]
		Dec-01	PND	PND	PND	NS [4]	NS [4]	PND	NS [4]	NS [4]	NS [4]	PND	NS [4]	NS [4]	NS [4]
		Mar-02	PND	PND	PND	NS [4]	NS [4]	PND	NS [4]	NS [4]	NS [4]	PND	NS [4]	NS [4]	NS [4]
		Jun-02	PND	PND	PND	5.0 U	5.0 U	PND	**12**	5.0 U	5.0 U	PND	**23**	5.0 U	5.0 U
		Sep-02	PND	PND	PND	NS [4]	NS [4]	PND	NS [4]	NS [4]	NS [4]	PND	NS [4]	NS [4]	NS [4]
		Dec-02	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	**8.0**	2.0 U	5.0 U
		Jun-03	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	2.0 U	**5.3**
		Dec-03	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	2.0 U	5.0 U
		Jun-04	PND	PND	PND	5.0 U	5.0 U	PND	**11**	5.0 U	5.0 U	PND	**7.4**	2.0 U	5.0 U
		Dec-04	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	2.0 U	5.0 U
		Jun-05	PND	PND	PND	5.0 U	5.0 U	PND	**12**	5.0 U	5.0 U	PND	**8.4**	2.0 U	5.0 U
		Dec-05	PND	PND	PND	5.0 U	5.0 U	PND	**9.0**	5.0 U	5.0 U	PND	**7.0**	2.0 U	5.0 U
		Dec-06	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	**8.2**	2.0 U	5.0 U
		Jun-07	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	**6.5**	2.0 U	5.0 U
		May-17	DRY												
		Oct-18	DRY												
		Dec-19	DRY												
		Mar-20	DRY												
MW01-8B [3]	25-37.5'	Jun-01	PND	PND	PND	5.0 U	5.0 U	PND	**740**	**5.4**	**11**	PND	**640**	**80**	5.0 U
	37.5-50'	Sep-01	PND	PND	PND	25 U / 5.0 U	25 U / 5.0 U	PND	**590 / 440**	25 U / 5.0 U	**25 U / 6.0**	PND	**300 / 200**	**37 / 26**	25 U / 5.0 U
	45-50' - 1	Dec-01	PND	PND	PND	10 U	10 U	PND	**200**	10 U	10 U	PND	**80**	**12**	10 U
	45-50' - 2	Mar-02	PND	PND	PND	5.0 U	5.0 U	PND	**96**	5.0 U	5.0 U	PND	**12**	5.0 U	5.0 U
	45-50' - 3	Jun-02	PND	PND	PND	5.0 U	5.0 U	PND	**120**	5.0 U	5.0 U	PND	**22**	5.0 U	5.0 U
		Sep-02	PND	PND	PND	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**100 / 110**	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	5.0 U / 5.0 U	5.0 U / 5.0 U	5.0 U / 5.0 U
		Dec-02	PND	PND	PND	5.0 U	5.0 U	PND	**71 / 71**	5.0 U	5.0 U	PND	**28 / 28**	2.0 U	5.0 U
		Jun-03 [5]	PND	PND	PND	5.0 U	5.0 U	PND	**140**	5.0 U	5.0 U	PND	**12**	**5.7**	**6.9**
		Jun-03 [5]	PND	PND	PND	25 U	25 U	PND	**990 D**	25 U	25 U	PND	**480**	**130**	25 U
		Dec-03	PND	PND	PND	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**480 D / 500 D**	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**290 D / 300 D**	**36 / 37**	5.0 U / 5.0 U
		Jun-04	PND	PND	PND	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**130 / 140**	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**12 / 12**	**3.7 / 3.9**	5.0 U / 5.0 U
		Dec-04 [6]	PND	PND	PND	5.0 U	5.0 U	PND	**41**	5.0 U	**26**	PND	**21**	2.0 U	5.0 U
		Dec-04 [6]	PND	PND	PND	5.0 U	5.0 U	PND	**65**	5.0 U	5.0 U	PND	**37**	**3.1**	5.0 U
		Dec-04 [6]	PND	PND	PND	5.0 U	5.0 U	PND	**69**	5.0 U	**21**	PND	**37**	**3.5**	5.0 U
		Dec-04 [6]	PND	PND	PND	5.0 U	5.0 U	PND	**120**	5.0 U	**59**	PND	**32**	**13**	5.0 U
		Dec-04 [6]	PND	PND	PND	10 U	10 U	PND	**180**	10 U	**59**	PND	**26**	**24**	10 U
		Dec-04 [7]	PND	PND	PND	5.0 U	5.0 U	PND	**150**	5.0 U	**37**	PND	**23**	**18**	5.0 U
	Bedrock	Jun-05	PND	PND	PND	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**120 / 120**	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**6.1 / 6.4**	**9.1 / 9.2**	5.0 U / 5.0 U
		Dec-05	PND	PND	PND	5.0 U	5.0 U	PND	**180**	5.0 U	5.0 U	PND	**21**	**18**	5.0 U
		Aug-05	PND	PND	PND	5.0 U	5.0 U	PND	**30**	5.0 U	5.0 U	PND	**14**	2.0 U	5.0 U
		Dec-06	PND	PND	PND	5.0 U	5.0 U	PND	**33**	5.0 U	5.0 U	PND	**28**	2.0 U	5.0 U
		Jun-07	PND	PND	PND	5.0 U	5.0 U	PND	**39**	5.0 U	5.0 U	PND	**6.5**	2.0 U	5.0 U
		May-17	**6.6**	PND	1.0 U	1.0 U	**0.62 J**	**0.26 J**	**21**	**1.2**	**17**	PND	**8.6**	**3.6**	1.0 U
		Oct-18	5.0 U	0.43 U	0.33 U	0.26 U	0.12 U	0.43 U	**9.1**	**1.7**	0.38 U	0.24 U	**0.40 J**	**5.5**	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	4.4 U	**6.8**	**0.31 J**	0.38 U	0.24 U	**0.68 J**	**14**	0.30 U
		Mar-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**3.9**	**0.29 J**	0.38 U	0.24 U	**0.72 J**	**1.7**	0.30 U

Table 3

Historical Groundwater Data for Contaminants of Concern

CHGE Facility
610 Little Britain Road
New Windsor, New York

Well ID	Depth Interval Sampled (See Note 10)	Date	Acetone	Benzene	Chloroform	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Toluene	1, 1, 1-Trichloroethane	Trichloroethene	Vinyl Chloride	m+p Xylene
TOGS 1.1.1 Standard/Guidance Value:			**50.0**	**0.7**	**7.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**2.0**	**5.0**
MW05-8C	50-75'	Aug-05 [8]	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	2.0 U	5.0 U
	75-100'	Aug-05 [8]	PND	PND	PND	130 U	130 U	PND	**4,100 D**	**53 J**	**17 J**	PND	**260**	**210**	130 U
	100-125'	Aug-05 [8]	PND	PND	PND	50 U	50 U	PND	**1,500**	**17 J**	**6.4 J**	PND	**57**	**82**	50 U
		Dec-05	PND	PND	PND	25 U / 250 U	**11 J** / 250 U	PND	**5,700 D / 6,100**	**21 J / 24 J**	**9 J** / 250 U	PND	**13 J /** 250 U	**400 / 490**	25 U / 250 U
		Aug-06	PND	PND	PND	100 U / 5.0 U	100 U / **7.0**	PND	**2,700 / 2,700 D**	100 U / **7.2**	100 U / 5.0 U	PND	100 U / 5.0 U	**180 / 190**	100 U / 5.0 U
	Bedrock	Dec-06	PND	PND	PND	100 U	100 U	PND	**2,300**	100 U	100 U	PND	100 U	**210**	100 U
		Jun-07	PND	PND	PND	100 U / 25 U	100 U / 25 U	PND	**3,900 D / 3,800 D**	100 U / **27**	100 U / 25 U	PND	100 U / 25 U	**380 / 340**	100 U / 25 U
		May-17	500 U	PND	100 U	100 U	**120**	100 U	**34,000**	**80 J**	**170**	PND	**2,100**	**4,100**	100 U
		Jun-17	250 U	PND	50 U	50 U	**52**	50 U	**11,000**	**15 J**	**31 J**	PND	**3,400**	**850**	50 U
		Jun-18	Well Converted to MW18-8E/8F												
MW18-8D	Bedrock	Oct-18	**70**	2.1 U	**2.3 J**	1.3 U	**5.3**	2.2 U	**1600**	**2.7 J**	1.9 U	1.2 U	**150**	**130**	3.3 U
		Dec-19	**140**	0.41 U	0.65 U	0.53 U	**2.5**	0.86 U	**960**	**1.2 J**	0.76 U	0.48 U	**73**	**65**	0.59 U
		Mar-20	**130**	0.41 U	0.65 U	0.53 U	0.53 U	0.86 U	**750**	**1.0 J**	0.76 U	0.48 U	**69**	**56**	0.59 U
MW18-8E	Bedrock	Oct-18	100 U	8.6 U	6.5 U	5.3 U	**7.2 J**	8.6 U	**6100**	4.7 U	**8.7 J**	4.8 U	6.3 U	**1300**	13 U
		Dec-19	Unable to sample due to obstruction												
		Mar-20	22 U	1.0 U	1.6 U	1.3 U	1.3 U	2.2 U	**310**	**3.7 J**	1.9 U	1.2 U	1.6 U	**1700**	1.5 U
MW18-8F	Bedrock	Oct-18	50 U	4.3 U	3.3 U	2.6 U	1.2 U	**4.8 J**	**1800**	**5.3 J**	3.8 U	2.4 U	**7.7 J**	**420**	6.5 U
		Dec-19	**22**	**4.6**	**15**	0.53 U	**0.97 J**	0.86 U	**600**	**1.0 J**	0.76 U	0.48 U	**1.4 J**	**58**	0.59 U
		Mar-20	**6.6**	**1.6**	**6.4**	0.26U	**0.54 J**	0.43 U	**370**	**4.5**	**0.77 J**	0.24 U	**0.62 J**	**120**	0.30 U
MW06-2C	100-125' Bedrock	Aug-06 [9]	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	**32**	PND	**6.6**	2.0 U	5.0 U
		Aug-06	PND	PND	PND	5.0 U	5.0 U	PND	**6.2**	5.0 U	**7.6**	PND	**9.8**	2.0 U	5.0 U
		Dec-06	PND	PND	PND	5.0 U	5.0 U	PND	**8.8**	5.0 U	5.0 U	PND	**11**	2.0 U	5.0 U
		Jun-07	PND	PND	PND	5.0 U	5.0 U	PND	**10**	5.0 U	5.0 U	PND	**14**	2.0 U	5.0 U
		May-17	**5.7**	PND	1.0 U	1.0 U	1.0 U	1.0 U	**5.6**	1.0 U	1.0 U	PND	**6.2**	1.0 U	1.0 U
		Oct-18	5.0 U	0.43 U	0.33 U	0.26 U	0.12 U	0.43 U	**8.1**	**0.24 J**	0.38 U	0.24 U	**3.5**	**0.28 J**	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	**0.31 J**	0.26 U	0.43 U	**27**	**0.48 J**	0.38 U	0.24 U	**3.0**	**0.66 J**	0.30 U
		Mar-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**22**	**0.45 J**	0.38 U	0.24 U	**3.3**	**0.37 J**	0.30 U
MW06-4C	100-125' Bedrock	Aug-06 [9]	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	**10**	PND	5.0 U	2.0 U	5.0 U
		Aug-06	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	2.0 U	5.0 U
		Dec-06	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	2.0 U	5.0 U
		Jun-07	PND	PND	PND	5.0 U	5.0 U	PND	5.0 U	5.0 U	5.0 U	PND	5.0 U	2.0 U	5.0 U
		May-17	Well Previously Abandoned/Destroyed												

Table 3

Historical Groundwater Data for Contaminants of Concern

CHGE Facility
610 Little Britain Road
New Windsor, New York

Well ID	Depth Interval Sampled (See Note 10)	Date	Acetone	Benzene	Chloroform	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Toluene	1, 1, 1-Trichloroethane	Trichloroethene	Vinyl Chloride	m+p Xylene
TOGS 1.1.1 Standard/Guidance Value:			**50.0**	**0.7**	**7.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**2.0**	**5.0**
MW06-9C	100-125' Bedrock	Aug-06 [9]	PND	PND	PND	5.0 U	5.0 U	PND	**130**	5.0 U	5.0 U	PND	**7.1**	2.0 U	5.0 U
		Aug-06	PND	PND	PND	5.0 U	5.0 U	PND	**95**	5.0 U	5.0 U	PND	**8.6**	2.0 U	5.0 U
		Dec-06	PND	PND	PND	5.0 U / 5.0 U	5.0 U / 5.0 U	PND	**92 / 90**	5.0 U / 5.0 U	**9.2 / 9.5**	PND	**5.3** / 5.0 U	2.0 U / 2.0 U	5.0 U / 5.0 U
		Jun-07	PND	PND	PND	5.0 U	5.0 U	PND	**75**	5.0 U	5.0 U	PND	5.0 U	2.0 U	5.0 U
		May-17	**8.6**	PND	1.0 U	**0.33 J**	1.0 U	1.0 U	**130**	**1.1**	**0.50 J**	PND	**3.5**	**0.38 J**	1.0 U
		Oct-18	5.0 U	0.43 U	0.33 U	0.26 U	0.12 U	0.43 U	**56**	0.24 U	0.38 U	0.24 U	**7.0**	0.17 U	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**51**	0.24 U	0.38 U	0.24 U	**2.3**	0.17 U	0.30 U
		Mar-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**65**	**0.55 J**	0.38 U	0.24 U	**2.7**	0.17 U	0.30 U
MW18-10A	Overburden	Oct-18	5.0 U	0.43 U	**3.0**	0.26 U	0.12 U	0.43 U	**4.0**	0.24 U	0.38 U	0.24 U	**1.4**	0.17 U	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**1.6**	0.24 U	0.38 U	0.24 U	**1.0**	0.17 U	0.30 U
		Mar-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**2.4**	0.24 U	0.38 U	0.24 U	**0.76 J**	0.17 U	0.30 U
MW18-10B	Bedrock	Oct-18	5.0 U	0.43 U	0.33 U	0.26 U	0.12 U	0.43 U	**3.0**	0.24 U	0.38 U	0.24 U	0.31 U	**0.63 J**	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**0.65 J**	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.30 U
		Mar-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**1.4**	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.30 U
MW18-10C	Bedrock	Oct-18	5.0 U	0.43 U	0.33 U	0.26 U	0.12 U	0.43 U	**12**	0.24 U	0.38 U	0.24 U	**3.8**	**1.0**	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**7.9**	0.24 U	0.38 U	0.24 U	**3.5**	**0.46 J**	0.30 U
		Mar-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**7.9**	0.24 U	0.38 U	0.24 U	**2.7**	**0.61 J**	0.30 U
MW18-11A	Overburden	Oct-18	5.0 U	0.43 U	0.33 U	0.26 U	0.12 U	0.43 U	**0.35 J**	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.30 U
		Mar-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.30 U
MW18-11B	Bedrock	Oct-18	5.0 U	0.43 U	**0.58 J**	0.26 U	0.12 U	0.43 U	**0.99 J**	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**0.78 J**	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.30 U
		Mar-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**0.94 J**	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.30 U
MW18-11C	Bedrock	Oct-18	5.0 U	0.43 U	**0.4 J**	0.26 U	0.12 U	0.43 U	**79**	**0.79 J**	0.38 U	0.24 U	**5.1**	**23**	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**60**	**1.2**	0.38U	0.24 U	**0.33 J**	**81**	0.30 U
		Mar-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**11**	**1.2**	0.38U	0.24 U	0.31 U	**13**	0.30 U
MW18-12A	Overburden	Oct-18	5.0 U	0.43 U	0.33 U	0.26 U	0.12 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	**4.6**	0.17 U	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	**5.9**	0.17 U	0.30 U
		Mar-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	**3.8**	0.17 U	0.30 U
MW18-12B	Bedrock	Oct-18	100 U	8.6 U	6.5 U	**48**	**74**	8.6 U	**9100**	**24**	7.6 U	**160**	**3600**	**650**	13 U
		Dec-19	88 U	4.1 U	6.5 U	**32**	**27**	8.6 U	**5800**	**8.4**	7.6 U	**58**	**110**	**4.1 J**	5.9 U
		Mar-20	88 U	4.1 U	6.5 U	**32**	**34**	8.6 U	**7200**	**13**	7.6 U	**52**	**7.7**	**140**	5.9 U
MW18-12C	Bedrock	Oct-18	25 U	2.1 U	1.6 U	**1.4 J**	**8.6**	2.2 U	**2400**	**10**	1.9 U	1.2 U	**250**	**480**	3.3 U
		Dec-19	**37**	1.0 U	1.6 U	**2.6 J**	**3.4 J**	2.2 U	**1100**	**7.3**	1.9 U	1.2 U	**9.5**	**1000**	1.5 U
		Mar-20	8.8 U	1.0 U	0.41 U	**3.1**	**1.3 J**	0.86 U	**630**	**7.2**	**1.4 J**	**0.97 J**	**50**	**480**	0.59 U
MW18-13B	Bedrock	Oct-18	5.0 U	**0.75 J**	**7.9**	**22**	**33**	0.43 U	**460**	**2.0**	0.38 U	**30**	**370**	**65**	0.65 U
		Dec-19	8.8 U	0.41 U	0.65 U	**52**	**31**	0.86 U	**900**	**6.1**	0.76 U	**15**	**170**	**280**	0.59 U
		Mar-20	8.8 U	0.41 U	0.65 U	**47**	**27**	0.86 U	**610**	**4.0**	0.76 U	**13**	**210**	**110**	0.59 U
MW18-13C	Bedrock	Oct-18	25 U	2.1 U	**13**	**1.4 J**	**3.5 J**	2.2 U	**1300**	**2.6 J**	1.9 U	1.2 U	**43**	**480**	3.3 U
		Dec-19	**11**	0.41 U	0.65 U	**31**	**27**	0.86 U	**730**	**3.3**	0.76 U	**20**	**48**	**130**	0.59 U
		Mar-20	8.8 U	0.41 U	0.65 U	**44**	**20**	0.86 U	**730**	**4.8**	0.76 U	**12**	**14**	**180**	0.59 U

Table 3

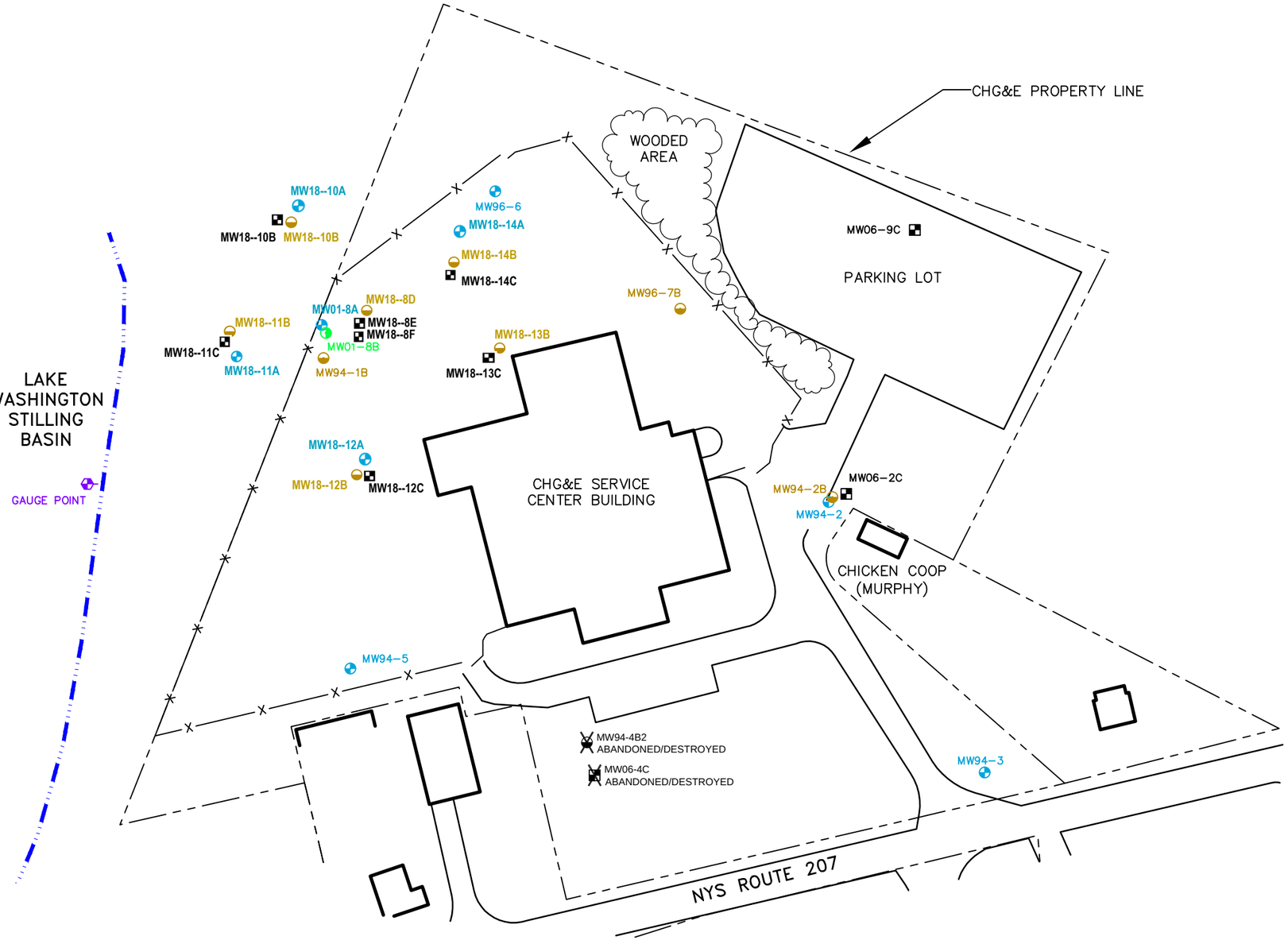
Historical Groundwater Data for Contaminants of Concern

CHGE Facility
610 Little Britain Road
New Windsor, New York

Well ID	Depth Interval Sampled (See Note 10)	Date	Acetone	Benzene	Chloroform	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Toluene	1, 1, 1-Trichloroethane	Trichloroethene	Vinyl Chloride	m+p Xylene
TOGS 1.1.1 Standard/Guidance Value:			**50.0**	**0.7**	**7.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**2.0**	**5.0**
MW18-14A	Overburden	Oct-18	5.0 U	0.43 U	0.33 U	0.26 U	0.12 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.65 U
		Dec-19	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.30 U
		Mar-20	**5.1**	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	0.22 U	0.24 U	0.38 U	0.24 U	0.31 U	0.17 U	0.30 U
MW18-14B	Bedrock	Oct-18	**53**	4.3 U	3.3 U	2.6 U	**8.7 J**	4.3 U	**3300**	**4.7 J**	**77**	2.4 U	**590**	**680**	**20**
		Dec-19	**89**	1.0 U	1.6 U	1.3 U	**2.5 J**	2.2 U	**1600**	**2.7 J**	**16**	1.2 U	**170**	**110**	1.5 U
		Mar-20	**75**	1.0 U	1.6 U	1.3 U	1.3 U	2.2 U	**1000**	1.2 U	**7.0**	1.2 U	**83**	**52**	1.5 U
MW18-14C	Bedrock	Oct-18	1200 U	110 U	**82**	66 U	29 U	110 U	**26000**	**61 J**	**1400**	60 U	**70000**	**3500**	160 U
		Dec-19	880 U	41 U	65 U	53 U	**340**	86 U	**72000**	47 U	76 U	48 U	**2300**	**2700**	59 U
		Mar-20	880 U	41 U	65 U	53 U	**230**	86 U	**66000**	**64**	76 U	48 U	**750**	**2400**	59 U

Notes:
All results are presented in micrograms per liter (ug/L).
/ Separates original and duplicate sample results
Bold indicates detected value
Shading indicates exceedance of NYSDEC TOGS 1.1.1 Criteria
U = Constituent not detected; specified value is laboratory reporting limit
J = Estimated value
D = Result obtained from analysis of a secondary dilution
F1 = MS and/or MSD Recovery is outside of acceptable limits.
PND = Previously not detected/included in table
1. Only VOCs that have been detected at concentrations exceeding TOGS 1.1.1 standards in one or more samples during one or more monitoring events are included in this table.
2. Remediation activities were conducted at the site in March and April 2001.
3. Monitoring wells MW01-8A and MW01-8B were installed in May 2001, following the completion of remediation activities.
4. Monitoring well MW01-8A was dry (or had minimal water) during the 9/01, 12/01, 3/02, 9/02, and 8/06 monitoring events, and could not be sampled.
5. Two samples were collected from MW01-8B during the June 2003 monitoring event. During purging of the well prior to collecting the first sample, the water level would not stabilize and the turbidity remained elevated (and slightly increasing).
Therefore, following collection of the first sample, the well was bailed dry and a second sample was collected after the well had recharged.
6. Packers were used to collect samples from discrete intervals within well MW01-8B; sample intervals included 25-37.5', 37.5-50', and 45-50'. One sample was collected from the 25-37.5' interval and the
37.5-50' interval. From the 45-50' interval, three samples were collected; the first was collected after 61 minutes of pumping, the second was collected after 171 minutes of pumping, and the third was collected after 261 minutes of pumping.
7. Following collection of the discrete interval samples (see note 6), a sixth sample was collected using the standard sampling techniques.
8. Three samples were collected from MW05-8C in August 2005 during well installation (packers were used to collect the 75-100' and 100-125' interval samples).
9. Using packers, samples were collected from the 100-125' interval at MW06-2C, MW06-4C, and MW06-9C during installation in August 2006.
10. Indicates samples that were collected from packered intervals (refer to Notes 6, 8, and 9).

Figures



LEGEND:

- OVERBURDEN MONITORING WELL
- UPPER BEDROCK MONITORING WELL
- INTERMEDIATE BEDROCK MONITORING WELL
- DEEP BEDROCK MONITORING WELL
- GAUGE POINT

NOTES:

1. BASE MAP DIGITIZED FROM CHG&E SITE SURVEY BY M. CHAZEN, 10/22/86 AND H2MGROUP DRAWINGS ENTITLED "POTENTIOMETRIC SURFACE OF UPPER BEDROCK AQUIFER 6/28/88" AND "LOCATION MAP", BOTH FROM AUGUST 1988 REPORT.
2. ALL LOCATIONS ARE APPROXIMATE.

0 100' 200'

GRAPHIC SCALE

CENTRAL HUDSON GAS & ELECTRIC CORPORATION
LITTLE BRITAIN ROAD SERVICE CENTER
NEW BRITAIN, NEW YORK

MONITORING WELL LOCATIONS

ARCADIS Design & Consultancy for natural and built assets

FIGURE 1

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
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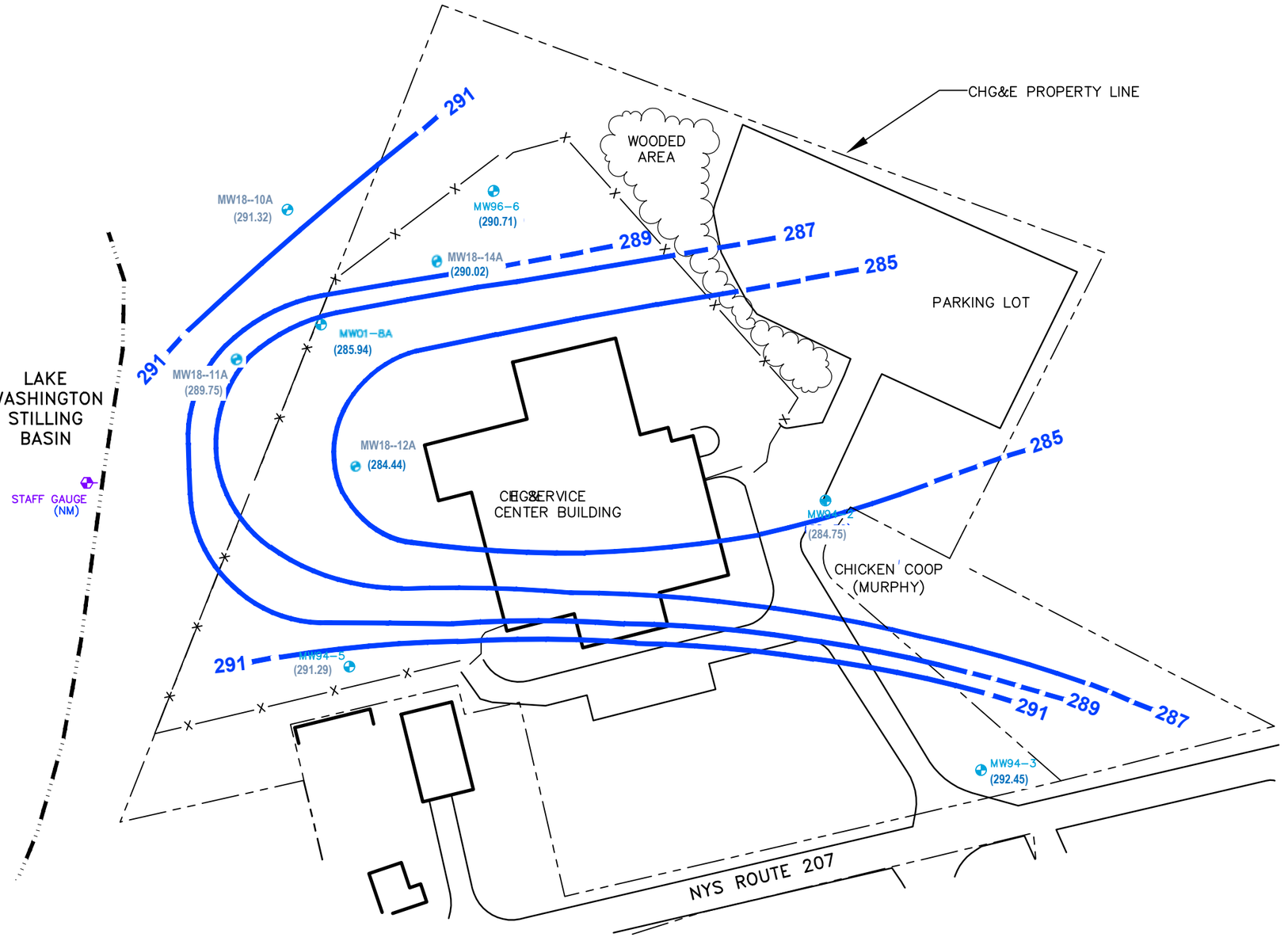
20531X00



LEGEND:

- —X— CHAINLINK FENCES
- OVERBURDEN BEDROCK MONITORING WELL
- STAFF GAUGE
- (287.70) GROUNDWATER ELEVATION (FEET AMSL)
- 288 GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- NM NOT MEASURED

NOTES:

1. BASE MAP DIGITIZED FROM CHG&E SITE SURVEY BY M. CHAZEN, 10/22/86 AND H2MGROUP DRAWINGS ENTITLED "POTENTIOMETRIC SURFACE OF UPPER BEDROCK AQUIFER 6/28/88" AND "LOCATION MAP", BOTH FROM AUGUST 1988 REPORT.
2. ALL LOCATIONS ARE APPROXIMATE.
3. MONITORING WELL MW01-8A WAS NOT USED FOR CONTOURING (DRY)

0 100' 200'
GRAPHIC SCALE

CENTRAL HUDSON GAS & ELECTRIC CORPORATION
LITTLE BRITAIN ROAD SERVICE CENTER
NEW BRITAIN, NEW YORK

OVERBURDEN GROUNDWATER ELEVATION MAP
March 17, 2020

ARCADIS Design & Consultancy for natural and built assets

FIGURE 2

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PW:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
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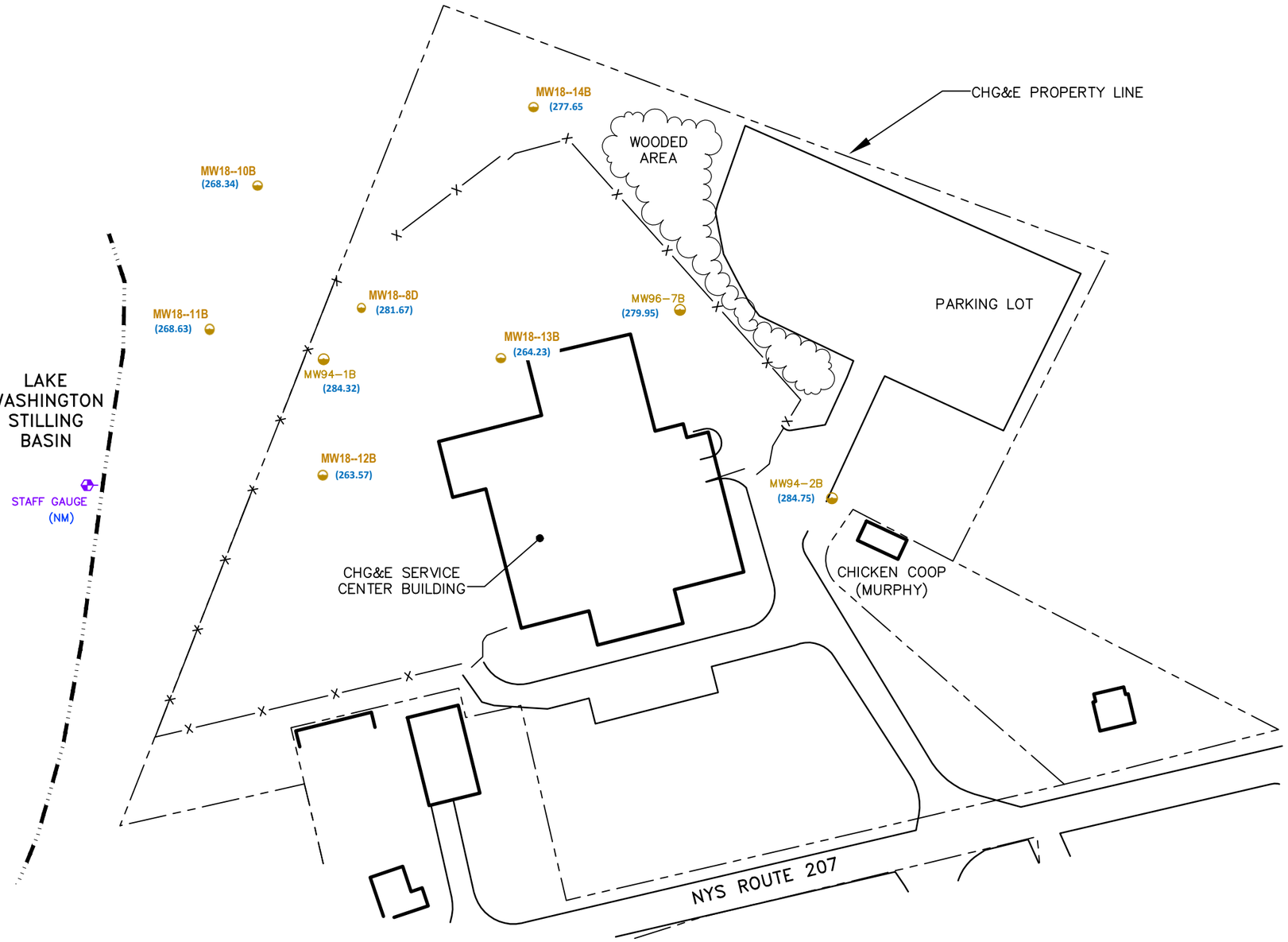

LEGEND:

- X — CHAINLINK FENCES
- UPPER BEDROCK MONITORING WELL
- STAFF GAUGE
- (287.57) POTENTIOMETRIC ELEVATION (FEET AMSL) SURFACE
- NM NOT MEASURED

NOTES:

1. BASE MAP DIGITIZED FROM CHG&E SITE SURVEY BY M. CHAZEN, 10/22/86 AND H2MGROUP DRAWINGS ENTITLED "POTENTIOMETRIC SURFACE OF UPPER BEDROCK AQUIFER 6/28/88" AND "LOCATION MAP", BOTH FROM AUGUST 1988 REPORT.
2. ALL LOCATIONS ARE APPROXIMATE..
3. VARIATIONS IN THE POTENTIOMETRIC ZONE ARE DUE TO WELLS SCREENED OVER MULTIPLE FRACTURE ZONES

0 100' 200'

GRAPHIC SCALE

CENTRAL HUDSON GAS & ELECTRIC CORPORATION
LITTLE BRITAIN ROAD SERVICE CENTER
NEW BRITAIN, NEW YORK

UPPER BEDROCK POTENTIOMETRIC ELEVATION MAP
March 17, 2020

ARCADIS Design & Consultancy for natural and built assets

FIGURE
3

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
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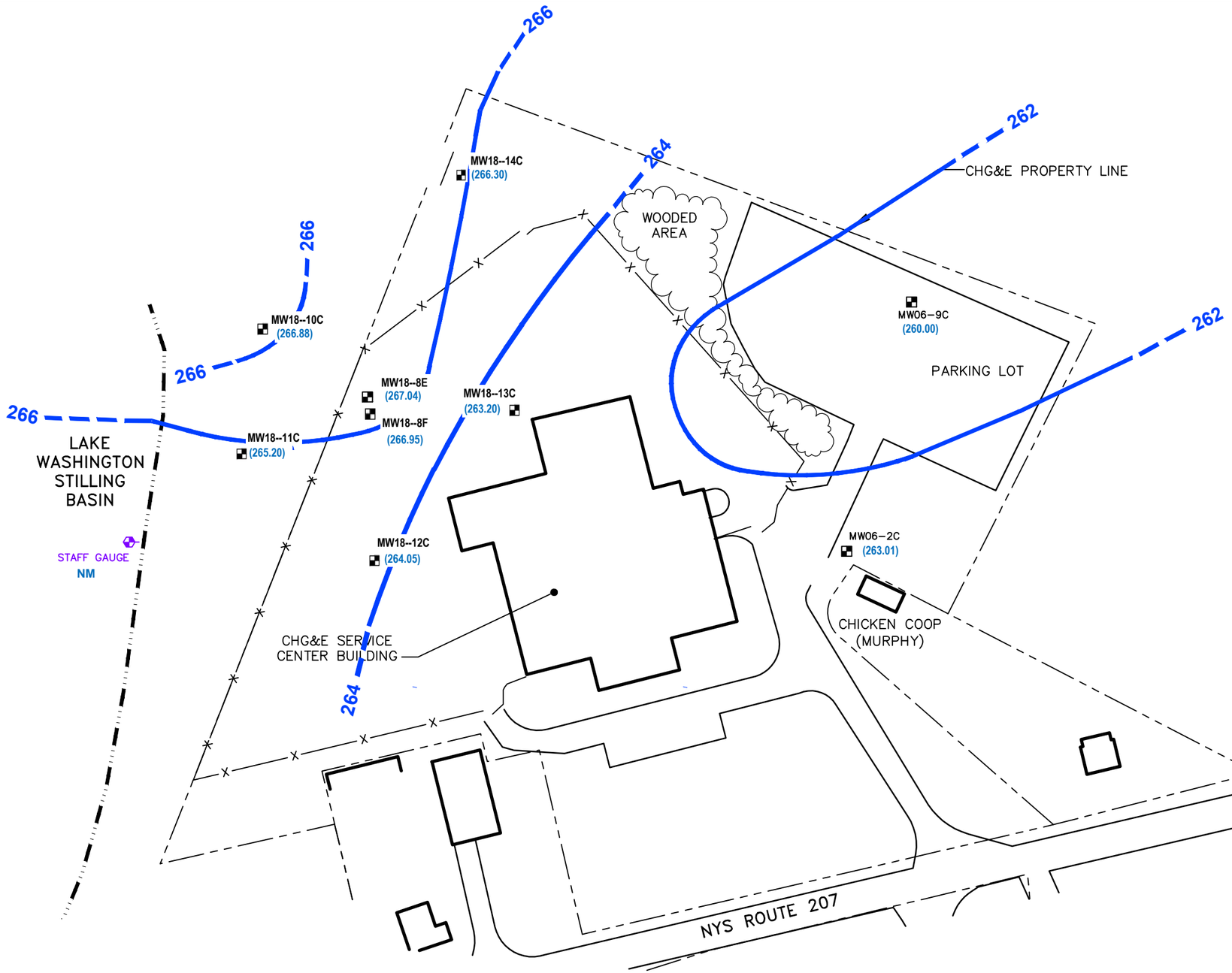
20531X00



LEGEND:

- —X— CHAINLINK FENCES
- DEEP BEDROCK MONITORING WELL
- STAFF GAUGE
- (267.51) POTENTIOMETRIC ELEVATION (FEET AMSL) SURFACE
- 269 POTENTOMETRIC SURFACE CONTOUR (DASHED WHERE INFERRED)
- NM NOT MEASURED

NOTES:

1. BASE MAP DIGITIZED FROM CHG&E SITE SURVEY BY M. CHAZEN, 10/22/86 AND H2MGROUP DRAWINGS ENTITLED "POTENTIOMETRIC SURFACE OF UPPER BEDROCK AQUIFER 6/28/88" AND "LOCATION MAP", BOTH FROM AUGUST 1988 REPORT.
2. ALL LOCATIONS ARE APPROXIMATE..
3. VARIATIONS IN THE POTENTIOMETRIC ZONE ARE DUE TO WELLS SCREENED OVER MULTIPLE FRACTURE ZONES

0 100' 200'

GRAPHIC SCALE

CENTRAL HUDSON GAS & ELECTRIC CORPORATION
LITTLE BRITAIN ROAD SERVICE CENTER
NEW BRITAIN, NEW YORK

DEEP BEDROCK PONTENTIOMETRIC ELEVATION MAP
March 17, 2020

ARCADIS Design & Consultancy for natural and built assets

FIGURE 4

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
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XREFS: IMAGES: PROJECTNAME: ----
20531X01 SCAN0385.JPG
20531X00

Groundwater sampling water chemistry data (field notes)

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 18-14A	**Date**	3/17/2020
Project Name/Location	610 Little Bridge Rd, New Windsor, NY			**Weather(°F)**	49 F, Cloudy

Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	7.26	**Total Depth (ft-bmp)**	16	**Water Column(ft)**	9	**Gallons in Well**	1.42
MP Elevation		**Pump Intake (ft-bmp)**	14	**Purge Method**	Low-Flow	**Sample Method**	
Sample Time	15:00	**Volumes Purged**		**Sample ID**	MW 18-14A	**Sampled by**	Balele Sandaogo
Purge Start	14:21	**Gallons Purged**		**Replicate/ Code No.**	NA		
Purge End	15:02						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
14:26		200	8.03	0.00	6.96	1.11	94.4	0.23	9.02	-37	ND	ND
14:31	5	200	8.07	0.00	6.95	1.11	60.5	0.16	9.01	-38	ND	ND
14:36	5	200	8.1	0.00	6.92	1.11	54.8	0.09	9.02	-38	ND	ND
14:41	5	200	8.12	0.00	6.96	1.11	51.9	0.07	9.06	-41	ND	ND
14:46	5	200	8.15	0.00	6.98	1.1	34.1	0.1	9.01	-44	ND	ND
14:51	5	200	8.17	0.00	6.99	1.1	32.2	0.11	9.02	-45	ND	ND
14:56	5	200	8.19	0.00	6.98	1.11	31.8	0.1	9.08	-44	ND	ND

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:	Onsite	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Stick-up	Key Number To Well:	NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 01- 8B	**Date**	3/20/2020
Project Name/Location	610 Little Bridge Rd, New Windsor, NY			**Weather(°F)**	Cloudy, 47F

Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	4	**Well Casing Material**	Steel
Static Water Level (ft-bmp)	14.43	**Total Depth (ft-bmp)**	30	**Water Column(ft)**	16	**Gallons in Well**	10.12
MP Elevation		**Pump Intake (ft-bmp)**	26	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time	10:58	**Volumes Purged**		**Sample ID**	MW 01-	**Sampled by**	Balele Sandaogo
Purge Start	10:17	**Gallons Purged**		**Replicate/ Code No.**	NA		
Purge End	11:04						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
10:25		200	15.93	0.00	6.67	0.86	29.1	6.57	10.68	-163	ND	ND
10:30	5	200	15.93	0.00	6.72	0.862	27.7	2.23	10.54	-160	ND	ND
10:35	5	200	16.41	0.00	6.72	0.862	27.3	8.31	10.29	-164	ND	ND
10:40	5	200	16.72	0.00	6.71	0.866	23.2	7.47	10.94	-177	ND	ND
10:45	5	200	16.95	0.00	6.76	0.866	23.3	1.83	11.09	-177	ND	ND
10:50	5	200	17.21	0.00	6.76	0.866	22.8	1.77	10.89	-174	ND	ND
10:55	5	200	17.42	0.00	6.77	0.866	22.3	1.8	10.99	-174	ND	ND

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:	Onsite by the fence	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Stick-up	Key Number To Well:	NA

·bmp = feet below measuring point
= inches

mS/cm = milliiSiemens per centimeter
NTU = Ne

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 18-10A	**Date**	3/18/2020
Project Name/Location	610 Little Bridge Rd, New Windsor, NY			**Weather(°F)**	Sunny

Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	4.39	**Total Depth (ft-bmp)**	17	**Water Column(ft)**	13	**Gallons in Well**	2.05
MP Elevation		**Pump Intake (ft-bmp)**	14	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time	11:45	**Volumes Purged**		**Sample ID**	MW 18-10A	**Sampled by**	Balele Sandaogo
Purge Start	11:05	**Gallons Purged**		**Replicate/ Code No.**	NA		
Purge End	11:47						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
11:11		200	5.07	0.00	7.15	1.01	47.1	4.47	8.76	157	ND	ND
11:16	5	200	5.11	0.00	7.13	1.02	43.2	4.14	8.7	157	ND	ND
11:21	5	200	5.14	0.00	7.08	1.06	41.2	3.91	8.81	157	ND	ND
11:26	5	200	5.16	0.00	7.06	1.1	34.8	3.61	8.82	154	ND	ND
11:31	5	200	5.18	0.00	7.05	1.12	32.1	3.5	8.84	153	ND	ND
11:36	5	200	5.19	0.00	7.05	1.15	29.5	3.44	8.9	150	ND	ND
11:41	5	200	5.21	0.00	7.04	1.15	29.7	3.39	8.96	146	ND	ND

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:	Offsite by the river	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Stick-up	Key Number To Well:	NA

·bmp = feet below measuring point
= inches

mS/cm = milliiSiemens per centimeter
NTU = Ne

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 18-11A	**Date**	3/18/2020
Project Name/Location	610 Little Bridge Rd, New Windsor, NY			**Weather(°F)**	Sunny, 51 F

Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	5.78	**Total Depth (ft-bmp)**	19.84	**Water Column(ft)**	14	**Gallons in Well**	2.28
MP Elevation		**Pump Intake (ft-bmp)**	14	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time	12:50	**Volumes Purged**		**Sample ID**	MW 18-11A	**Sampled by**	Balele Sandaogo
Purge Start	12:08	**Gallons Purged**		**Replicate/ Code No.**	NA		
Purge End	12:54						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
12:13		200	7.51	0.00	7.33	0.6	32.1	1.94	10.12	70	ND	ND
12:18	5	200	7.59	0.00	7.28	0.591	33.2	1.77	10.48	35	ND	ND
12:23	5	200	7.67	0.00	7.25	0.589	33	3.08	10.83	18	ND	ND
12:28	5	200	7.74	0.00	7.23	0.578	11.2	3.11	11.39	2	ND	ND
12:33	5	200	7.74	0.00	7.22	0.578	9.4	3.07	11.42	-4	ND	ND
12:38	5	200	7.82	0.00	7.22	0.575	3.8	3.14	11.77	-24	ND	ND
12:43	5	200	7.88	0.00	7.23	0.574	3.2	3.17	11.84	-26	ND	ND
12:48	5	200	7.95	0.00	7.24	0.572	2.9	3.2	11.92	-30	ND	ND

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: Offsite by the river
Condition of Well: Good
Well Completion: Stick-up
Well Locked at Arrival: yes
Well Locked at Departure: yes
Key Number To Well: NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 18-12A	**Date**	3/19/2020
Project Name/Location	610 Little Bridge Rd, New Windsor, NY			**Weather(°F)**	Rainy, 50F

Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	10.18	**Total Depth (ft-bmp)**	17	**Water Column(ft)**	7	**Gallons in Well**	1.11
MP Elevation		**Pump Intake (ft-bmp)**		**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time	11:15	**Volumes Purged**		**Sample ID**	MW 18-12A	**Sampled by**	Balele Sandaogo
Purge Start	10:38	**Gallons Purged**		**Replicate/ Code No.**	NA		
Purge End	#VALUE!						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
10:43		200	11.08	0.00	7.49	2.4	42.6	11.13	10.13	138	ND	ND
10:48	5	200	11.08	0.00	7.34	2.41	6.7	11.48	9.89	143	ND	ND
10:53	5	200	11.08	0.00	7.28	2.41	2.1	11.39	9.81	151	ND	ND
10:58	5	200	11.08	0.00	7.24	2.4	1	11.32	9.83	156	ND	ND
11:03	5	200	11.09	0.00	7.2	2.39	0.8	11.14	9.9	161	ND	ND
11:08	5	200	11.09	0.00	7.18	2.39	0.9	11.09	9.99	164	ND	ND
11:13	5	200	11.09	0.00	7.16	2.38	0.8	11.05	9.99	168	ND	ND

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:	Onsite	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Key Number To Well:	NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 94 -1B	**Date**	3/20/2020
Project Name/Location	610 Little Bridge Rd, New Windsor, NY			**Weather(°F)**	Cloudy, 47F

Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	4	**Well Casing Material**	Steel
Static Water Level (ft-bmp)	12.46	**Total Depth (ft-bmp)**	24.95	**Water Column(ft)**	12	**Gallons in Well**	8.12
MP Elevation		**Pump Intake (ft-bmp)**	22	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time	09:10	**Volumes Purged**		**Sample ID**	MW 94-1B	**Sampled by**	Balele Sandaogo
Purge Start	08:33	**Gallons Purged**		**Replicate/ Code No.**	NA		
Purge End	09:20						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
08:38		200	13.56	0.00	5.94	1.2	81.2	6.32	11.04	152	Reddish	ND
08:43	5	200	13.67	0.00	6.19	1.2	47.7	5.1	10.7	86	Reddish	ND
08:48	5	200	13.91	0.00	6.18	1.2	102	6.09	10.8	76	Reddish	ND
08:53	5	200	14.12	0.00	6.23	1.2	63.8	5.77	10.97	52	Reddish	ND
08:58	5	200	14.31	0.00	6.25	1.2	24.4	5.84	10.93	48	Reddish	ND
09:03	5	200	14.48	0.00	6.28	1.2	25.6	5.73	10.88	45	Reddish	ND
09:08	5	200	14.62	0.00	6.32	1.2	26.9	5.68	10.89	43	Reddish	ND

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:	Onsite by the fence	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Stick-up	Key Number To Well:	NA

·bmp = feet below measuring point
= inches

mS/cm = milliiSiemens per centimeter
NTU = Ne

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 94-2B	**Date**	3/18/2020
Project Name/Location	610 Little Bridge Rd, New Windsor, NY			**Weather(°F)**	Sunny

Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	4	**Well Casing Material**	Steel
Static Water Level (ft-bmp)	13.27	**Total Depth (ft-bmp)**	17.45	**Water Column(ft)**	4	**Gallons in Well**	2.72
MP Elevation		**Pump Intake (ft-bmp)**	15.5	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time	09:15	**Volumes Purged**		**Sample ID**	MW94-2B	**Sampled by**	Balele Sandaogo
Purge Start	08:38	**Gallons Purged**		**Replicate/ Code No.**	NA		
Purge End	09:17						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
08:42		200	13.28	0.00	7.37	0.677	26.2	0.22	9.71	155	ND	ND
08:47	5	200	13.28	0.00	7.18	0.697	16.6	0.16	9.7	160	ND	ND
08:52	5	200	13.28	0.00	7.09	0.683	13.7	0.13	9.73	164	ND	ND
08:57	5	200	13.28	0.00	7.03	0.681	12.5	0.1	9.52	167	ND	ND
09:02	5	200	13.28	0.00	6.97	0.685	14.1	0.11	9.54	168	ND	ND
09:08	6	200	13.28	0.00	6.94	0.688	15.2	0.12	9.4	170	ND	ND
09:12	4	200	13.28	0.00	6.93	0.694	14.8	0.11	9.4	171	ND	ND

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: Onsite
Condition of Well: Couldn't be closed/bolted- missing bolts
Well Completion: Flush mount
Well Locked at Arrival: no
Well Locked at Departure: no
Key Number To Well: NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 94-3			**Date**	3/18/2020
Project Name/Location	610 Little Bridge Rd, New Windsor, NY					**Weather(°F)**	Sunny
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	10.94	**Total Depth (ft-bmp)**	18.9	**Water Column(ft)**	8	**Gallons in Well**	1.29
MP Elevation		**Pump Intake (ft-bmp)**	17	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time	10:20	**Volumes Purged**		**Sample ID**	MW 94-3	**Sampled by**	Balele Sandaogo
Purge Start	09:44	**Gallons Purged**		**Replicate/ Code No.**	NA		
Purge End	10:24						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
09:49		200	11.38	0.00	6.93	1.32	86.1	4.98	10.02	167	ND	ND
09:54	5	200	11.44	0.00	6.94	1.32	77.3	4.32	10.01	164	ND	ND
09:59	5	200	11.48	0.00	6.93	1.33	75.4	3.59	10.07	159	ND	ND
10:04	5	200	11.53	0.00	6.92	1.32	75.1	2.88	10.18	153	ND	ND
10:09	5	200	11.56	0.00	6.92	1.33	75.1	0.99	10.31	147	ND	ND
10:14	5	200	11.6	0.00	6.93	1.34	74.2	0.94	10.27	144	ND	ND
10:19	5	200	11.56	0.00	6.92	1.35	73	0.9	10.33	143	ND	ND

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:	Offsite near NY-208	Well Locked at Arrival:	no
Condition of Well:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Key Number To Well:	NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 94-5	**Date**	3/18/2020
Project Name/Location	610 Little Bridge Rd, New Windsor, NY			**Weather(°F)**	Sunny, 51 F

Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	9.14	**Total Depth (ft-bmp)**	20.25	**Water Column(ft)**	11	**Gallons in Well**	1.81
MP Elevation		**Pump Intake (ft-bmp)**	16	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time	14:35	**Volumes Purged**		**Sample ID**	MW 94-5	**Sampled by**	Balele Sandaogo
Purge Start	14:57	**Gallons Purged**		**Replicate/ Code No.**	NA		
Purge End	14:39						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
14:03		200	9.22	0.00	7.01	2.23	50.9	5.64	13	98	ND	ND
14:08	5	200	9.22	0.00	7.03	2.48	39.2	2.59	12.14	90	ND	ND
14:13	5	200	9.23	0.00	7.03	2.6	36.5	2.59	12.06	87	ND	ND
14:18	5	200	9.23	0.00	7.03	2.67	35	2.64	12.08	84	ND	ND
14:23	5	200	9.24	0.00	7.03	2.7	34.1	2.71	12.06	88	ND	ND
14:28	5	200	9.24	0.00	7.03	2.72	34	2.74	12.09	89	ND	ND
14:33	5	200	9.24	0.00	7.03	2.74	33.5	2.77	12.01	91	ND	ND

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:	Onsite	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Stick-up	Key Number To Well:	na

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 96-6	**Date**	3/17/2020
Project Name/Location	610 Little Bridge Rd, New Windsor, NY			**Weather(°F)**	49 F, Cloudy

Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	12.3	**Total Depth (ft-bmp)**	34	**Water Column(ft)**	22	**Gallons in Well**	3.53
MP Elevation		**Pump Intake (ft-bmp)**	30	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time	14:00	**Volumes Purged**		**Sample ID**	MW 96-6	**Sampled by**	Balele Sandaogo
Purge Start	13:22	**Gallons Purged**		**Replicate/ Code No.**	NA		
Purge End	14:04						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
13:26		400	16.54	0.00	7.57	0.746	157	0.54	11.63	93	ND	ND
13:31	5	200	17.41	0.00	7.47	0.745	129	0.32	11.57	87	ND	ND
13:36	5	200	17.82	0.00	7.42	0.745	113	0.24	11.26	86	ND	ND
13:42	6	200	18.14	0.00	7.35	0.744	92	0.14	11.38	83	ND	ND
13:46	4	200	18.36	0.00	7.34	0.744	95	0.14	11.35	83	ND	ND
13:51	5	200	18.51	0.00	7.32	0.744	88.6	0.15	11.38	81	ND	ND
13:56	5	200	18.69	0.00	7.3	0.744	86.5	0.15	11.39	79	ND	ND

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:	Onsite	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Stick-up	Key Number To Well:	NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 96-7B	**Date**	3/19/2020
Project Name/Location	610 Little Bridge Rd, New Windsor, NY			**Weather(°F)**	Rainy, 38 F

Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	4	**Well Casing Material**	Steel
Static Water Level (ft-bmp)	14.49	**Total Depth (ft-bmp)**	17.25	**Water Column(ft)**	3	**Gallons in Well**	1.79
MP Elevation		**Pump Intake (ft-bmp)**	16	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time	#VALUE!	**Volumes Purged**		**Sample ID**	MW 96-7B	**Sampled by**	Balele Sandaogo
Purge Start	12:14	**Gallons Purged**		**Replicate/ Code No.**	NA		
Purge End	#VALUE!						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
12:20		200	16.06	0.00	7.66	457	455	7.27	12.2	18	ND	ND
12:25	5	200	16.56	0.00	7.76	4.38	411	6.65	12.07	31	ND	ND
12:30	5	200	16.91	0.00	7.79	4.12	381	7.22	12.51	31	ND	ND

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:	Onsite parking lot	Well Locked at Arrival:	no
Condition of Well:	Rusty pvc	Well Locked at Departure:	no
Well Completion:	Flush mount	Key Number To Well:	NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW06-2C			**Date**	3/18/2020
Project Name/Location	CHGE Little Britain Rd					**Weather(°F)**	Cloudy 45 degrees F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	4	**Well Casing Material**	Steel
Static Water Level (ft-bmp)	34.83	**Total Depth (ft-bmp)**	125	**Water Column(ft)**	90	**Gallons in Well**	58.61
MP Elevation		**Pump Intake (ft-bmp)**	97.5	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time	08:15	**Volumes Purged**		**Sample ID**	MW06-2C	**Sampled by**	Kirk Vargas
Purge Start	07:40	**Gallons Purged**		**Replicate/ Code No.**			
Purge End	08:12						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
07:41		200	34.97	0.00	6.52	1.29	72.7	3.01	5.53	-54	Colorless	None
07:46	5	200	35.28	0.00	7.43	1.22	19.1	1.64	6.22	-110	Colorless	None
07:51	5	200	35.3	0.00	7.48	1.21	9.6	1.52	6.45	-114	Colorless	None
07:56	5	200	35.57	0.00	7.53	1.18	9.9	1.17	7.23	-120	Colorless	None
08:01	5	200	35.62	0.00	7.64	1.17	10.6	1.7	7.79	-130	Colorless	None
08:06	5	200	35.65	0.00	7.64	1.17	10.7	1.45	7.79	-131	Colorless	None
08:11	5	200	35.65	0.00	7.65	1.17	11.1	1.25	7.72	-131	Colorless	None

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments: Need to retapp holes

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: Grassy area across from security
Condition of Well: Good
Well Completion: Flush mount
Well Locked at Arrival: yes
Well Locked at Departure: yes
Key Number To Well: NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW06-9C	**Date**	3/18/2020
Project Name/Location	CHGE Little Britain Rd			**Weather(°F)**	Sunny 29 degrees F

Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	4	**Well Casing Material**	Steel
Static Water Level (ft-bmp)	54.64	**Total Depth (ft-bmp)**	74.35	**Water Column(ft)**	20	**Gallons in Well**	12.81
MP Elevation		**Pump Intake (ft-bmp)**	97.5	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time	09:40	**Volumes Purged**	0.08	**Sample ID**	MW06-9C	**Sampled by**	Kirk Vargas
Purge Start	08:58	**Gallons Purged**	1.00	**Replicate/ Code No.**			
Purge End	09:37						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
09:02		200	54.64	0.00	12.22	0.763	36	3.12	9.52	-82	Colorless	None
09:07	5	200	54.7	0.00	12.6	0.778	54.5	0.96	11.37	-126	Colorless	None
09:12	5	200	54.74	0.00	12.62	0.795	37.6	0.58	11.66	-139	Colorless	None
09:17	5	200	54.8	0.00	12.63	0.804	6.9	0.58	11.8	-143	Colorless	None
09:22	5	200	54.84	0.00	12.63	0.808	4.2	0.48	11.89	-146	Colorless	None
09:27	5	200	54.9	0.00	12.64	0.809	2.7	0.95	11.57	-144	Colorless	None
09:32	5	200	54.9	0.00	12.65	0.808	2.3	0.75	11.6	-141	Colorless	None
09:37	5	200	54.94	0.00	12.65	0.808	2	0.66	11.59	-136	Colorless	None

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:	Parking lot	Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Stick-up	Key Number To Well:	NA

·bmp = feet below measuring point
= inches

mS/cm = milliiSiemens per centimeter
NTU = Ne

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-10B	**Date**	3/19/2020
Project Name/Location	CHGE Little Britain Rd			**Weather(°F)**	Sunny 29 degrees F

Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	27.27	**Total Depth (ft-bmp)**	51	**Water Column(ft)**	24	**Gallons in Well**	3.86
MP Elevation		**Pump Intake (ft-bmp)**	45	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time	14:20	**Volumes Purged**	0.31	**Sample ID**	MW18-10B	**Sampled by**	Kirk Vargas
Purge Start	13:42	**Gallons Purged**	1.20	**Replicate/ Code No.**			
Purge End	14:17						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
13:47		200	27.48	0.00	7.56	0.962	891	2.93	11.03	-17	Colorless	None
13:52	5	200	27.48	0.00	7.29	0.991	645	1.12	11.53	-45	Colorless	None
13:57	5	200	27.53	0.00	7.25	0.947	240	0.78	11.24	-55	Colorless	None
14:02	5	200	27.53	0.00	7.25	0.897	251	0.61	11.14	-58	Colorless	None
14:07	5	200	27.5	0.00	7.26	0.853	199	0.48	11.03	-60	Colorless	None
14:12	5	200	27.5	0.00	7.26	0.812	200	0.4	11.14	-64	Colorless	None
14:17	5	200	27.5	0.00	7.31	0.781	199	0.46	11.14	-68	Colorless	None

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:		Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Stick-up	Key Number To Well:	NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-10C			**Date**	3/17/2020
Project Name/Location	CHGE Little Britain Rd					**Weather(°F)**	Cloudy 45 degrees F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	24.72	**Total Depth (ft-bmp)**	185	**Water Column(ft)**	160	**Gallons in Well**	26.04
MP Elevation		**Pump Intake (ft-bmp)**	177.5	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time	15:19	**Volumes Purged**		**Sample ID**	MW18-	**Sampled by**	Kirk Vargas
Purge Start	14:40	**Gallons Purged**		**Replicate/ Code No.**			
Purge End	#VALUE!						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
14:41		200	24.42	0.00	11.11	0.757	0	5.75	10.89	46	Colorless	None
14:46	5	200	26.63	0.00	10.35	0.753	0	4.45	10.91	57	Colorless	None
14:51	5	200	27	0.00	9.45	0.751	0	2.51	10.74	27	Colorless	None
14:56	5	200	27.1	0.00	8.57	0.751	0	1.25	10.65	-27	Colorless	None
15:01	5	200	27.1	0.00	8.27	0.75	0	1	10.7	-48	Colorless	None
15:06	5	200	27.2	0.00	8.08	0.752	0	0.76	10.6	-60	Colorless	None
15:11	5	200	27.2	0.00	8.08	0.749	0.1	0.73	10.71	-63	Colorless	None
15:17	6	200	27.2	0.00	8	0.751	0	0.75	10.75	-63	Colorless	None

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:

Condition of Well: Good

Well Completion: Stick-up

Well Locked at Arrival: yes

Well Locked at Departure: yes

Key Number To Well: NA

·bmp = feet below measuring point
= inches

mS/cm = milliiSiemens per centimeter
NTU = Ne

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-11B	**Date**	3/20/2020
Project Name/Location	CHGE Little Britain Rd			**Weather(°F)**	Sunny 29 degrees F

Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	26.43	**Total Depth (ft-bmp)**	44	**Water Column(ft)**	18	**Gallons in Well**	2.85
MP Elevation		**Pump Intake (ft-bmp)**	39	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time	08:13	**Volumes Purged**	0.35	**Sample ID**	MW18-11B	**Sampled by**	Kirk Vargas
Purge Start	07:33	**Gallons Purged**	1.00	**Replicate/ Code No.**			
Purge End	08:04						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
07:34		200	27.5	0.00	6.6	0.784	605	1.97	9.46	-69	Colorless	None
07:39	5	200	28	0.00	6.97	0.763	380	1.92	10.2	-107	Colorless	None
07:44	5	200	28.02	0.00	7.37	0.735	212	1.76	10.3	-138	Colorless	None
07:49	5	200	28.02	0.00	7.5	0.734	210	1.5	10.76	-151	Colorless	None
07:54	5	200	28.02	0.00	7.61	0.738	143	1.05	10.8	-161	Colorless	None
07:59	5	200	28.06	0.00	7.66	0.74	113	1.03	10.81	-166	Colorless	None
08:04	5	200	28.06	0.00	7.7	0.74	85.7	1.01	10.85	-169	Colorless	None

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:
Condition of Well:
Well Completion: NA
Well Locked at Arrival:
Well Locked at Departure:
Key Number To Well: NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-11C			**Date**	3/17/2020
Project Name/Location	CHGE Little Britain Rd					**Weather(°F)**	Cloudy 45 degrees F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	28.8	**Total Depth (ft-bmp)**	185	**Water Column(ft)**	156	**Gallons in Well**	25.38
MP Elevation		**Pump Intake (ft-bmp)**	177.5	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time	16:30	**Volumes Purged**	0.04	**Sample ID**	MW18-11C	**Sampled by**	Kirk Vargas
Purge Start	15:50	**Gallons Purged**	1.00	**Replicate/ Code No.**			
Purge End	16:26						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
15:55		200	28.1	0.00	8.1	0.705	1.4	4.15	10.9	-140	Colorless	None
16:00	5	200	28.32	0.00	7.68	0.719	3.4	0.69	11.22	-168	Colorless	None
16:06	6	200	28.41	0.00	7.68	0.719	3.5	0.67	11.04	-172	Colorless	None
16:11	5	200	28.5	0.00	7.65	0.722	3.5	0.68	11.06	-172	Colorless	None
16:16	5	200	28.5	0.00	7.64	0.723	3.3	0.56	11.03	-178	Colorless	None
16:21	5	200	28.62	0.00	7.63	0.725	3.5	0.65	11.04	-181	Colorless	None
16:26	5	200	28.65	0.00	7.62	0.727	3.9	0.56	11.03	-183	Colorless	None

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:
Condition of Well: Good
Well Completion: Stick-up
Well Locked at Arrival: yes
Well Locked at Departure: yes
Key Number To Well: NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-12B			**Date**	3/19/2020
Project Name/Location	CHGE Little Britain Rd					**Weather(°F)**	Sunny 29 degrees F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	30.5	**Total Depth (ft-bmp)**	91.18	**Water Column(ft)**	61	**Gallons in Well**	9.86
MP Elevation		**Pump Intake (ft-bmp)**	82.5	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time	08:33	**Volumes Purged**	0.10	**Sample ID**	MW18-	**Sampled by**	Kirk Vargas
Purge Start	07:58	**Gallons Purged**	1.00	**Replicate/ Code No.**			
Purge End	08:30						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
08:00		200	31	0.00	6.51	1.37	48.2	6.09	8.95	0	Colorless	None
08:05	5	200	31	0.00	7.07	1.31	10.7	5.63	10.83	-64	Colorless	None
08:10	5	200	31.6	0.00	7.21	1.48	9.6	6.95	10.81	-83	Colorless	None
08:15	5	200	31.86	0.00	7.22	1.48	9.2	6.81	10.69	-83	Colorless	None
08:20	5	200	31.9	0.00	7.26	1.46	9.1	6.27	10.5	-85	Colorless	None
08:25	5	200	31.9	0.00	7.29	1.46	8.8	6.95	10.35	-85	Colorless	None
08:30	5	200	31.9	0.00	7.31	1.45	8.6	7.09	10.23	-86	Colorless	None

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:
Condition of Well: Good
Well Completion: Flush mount
Well Locked at Arrival: yes
Well Locked at Departure: yes
Key Number To Well: NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-13B	**Date**	3/19/2020
Project Name/Location	CHGE Little Britain Rd			**Weather(°F)**	Sunny 29 degrees F

Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	32.1	**Total Depth (ft-bmp)**	52	**Water Column(ft)**	20	**Gallons in Well**	3.23
MP Elevation		**Pump Intake (ft-bmp)**	47	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time	10:55	**Volumes Purged**	0.37	**Sample ID**	MW18-	**Sampled by**	Kirk Vargas
Purge Start	10:10	**Gallons Purged**	1.20	**Replicate/ Code No.**			
Purge End	10:50						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
10:10		200	32.1	0.00	8.26	1.11	45.4	2.54	11.72	-215	Colorless	None
10:15	5	200	32.1	0.00	7.7	1.07	25.7	1.1	12.34	-212	Colorless	None
10:20	5	200	32.26	0.00	7.7	1.06	28	3.16	13.08	-206	Colorless	None
10:25	5	200	32.3	0.00	7.66	1.06	26.4	1.52	13.75	-210	Colorless	None
10:30	5	200	32.32	0.00	7.7	1.09	26.1	1.95	12.37	-203	Colorless	None
10:35	5	200	32.38	0.00	7.9	1.09	18.7	1.39	11.9	-193	Colorless	None
10:40	5	200	32.38	0.00	7.72	1.09	20.1	1.57	11.42	-195	Colorless	None
10:45	5	200	32.38	0.00	7.6	1.07	18.4	1.17	11.56	-196	Colorless	None
10:50	5	200	32.38	0.00	7.62	1.05	19	1.65	11.62	-190	Colorless	None

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: Parking area corner of building
Condition of Well: Good
Well Completion: Flush mount

Well Locked at Arrival: yes
Well Locked at Departure: yes
Key Number To Well: NA

·bmp = feet below measuring point
= inches

mS/cm = milliiSiemens per centimeter
NTU = Ne

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-13C			**Date**	3/19/2020
Project Name/Location	CHGE Little Britain Rd					**Weather(°F)**	Sunny 29 degrees F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	29.3	**Total Depth (ft-bmp)**	185	**Water Column(ft)**	156	**Gallons in Well**	25.3
MP Elevation		**Pump Intake (ft-bmp)**	180	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time	11:46	**Volumes Purged**	0.04	**Sample ID**	MW18-13C	**Sampled by**	Kirk Vargas
Purge Start	11:10	**Gallons Purged**	1.10	**Replicate/ Code No.**			
Purge End	11:43						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
11:13		200	32.38	0.00	7.49	1.06	3.7	2.4	11.65	-185	Colorless	None
11:18	5	200	32.45	0.00	7.43	1.08	9.1	1.32	11.92	-194	Colorless	None
11:23	5	200	32.5	0.00	7.48	1.1	9.4	1.6	12.27	-181	Colorless	None
11:28	5	200	32.52	0.00	7.4	1.1	7	0.7	12.9	-194	Colorless	None
11:33	5	200	32.6	0.00	7.35	1.11	6.7	0.45	12.82	-198	Colorless	None
11:38	5	200	32.52	0.00	7.4	1.13	5.3	0.5	12.7	-194	Colorless	None
11:43	5	200	32.52	0.00	7.3	1.1	5	0.55	12.75	-195	Colorless	None

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:
Condition of Well: Good
Well Completion: Flush mount
Well Locked at Arrival: yes
Well Locked at Departure: yes
Key Number To Well: NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-14B	**Date**	3/18/2020
Project Name/Location	CHGE Little Britain Rd			**Weather(°F)**	Sunny 29 degrees F

Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	19.35	**Total Depth (ft-bmp)**	55	**Water Column(ft)**	36	**Gallons in Well**	5.79
MP Elevation		**Pump Intake (ft-bmp)**	50	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time	12:09	**Volumes Purged**	0.17	**Sample ID**	MW18-14B	**Sampled by**	Kirk Vargas
Purge Start	11:35	**Gallons Purged**	1.00	**Replicate/ Code No.**			
Purge End	12:06						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
11:36		200	19.35	0.00	11.17	0.914	5.1	4.08	12.29	9	Colorless	None
11:41	5	200	20.78	0.00	10.9	0.937	6.2	3.84	12.17	-79	Colorless	None
11:46	5	200	21.45	0.00	13.19	0.949	8	2.62	12.35	-140	Colorless	None
11:51	5	200	21.98	0.00	13.4	0.954	8.4	2.29	12.33	-128	Colorless	None
11:56	5	200	22.02	0.00	13.45	0.953	8.3	2.41	12.33	-124	Colorless	None
12:01	5	200	22.1	0.00	13.36	0.954	7.9	2.6	12.53	-125	Colorless	None
12:06	5	200	22.12	0.00	13.31	0.956	7	2.5	12.7	-125	Colorless	None

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: Back parking area next to roll offs
Condition of Well: Good
Well Completion: Stick-up
Well Locked at Arrival: yes
Well Locked at Departure: yes
Key Number To Well: NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-14C	**Date**	3/18/2020
Project Name/Location	CHGE Little Britain Rd			**Weather(°F)**	Sunny 29 degrees F

Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	28.8	**Total Depth (ft-bmp)**	191.54	**Water Column(ft)**	163	**Gallons in Well**	26.44
MP Elevation		**Pump Intake (ft-bmp)**	180	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time	11:12	**Volumes Purged**	0.05	**Sample ID**	MW18-	**Sampled by**	Kirk Vargas
Purge Start	10:30	**Gallons Purged**	1.20	**Replicate/ Code No.**			
Purge End	11:09						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
10:29		200	30.53	0.00	9.6	0.897	0.2	4.06	11.63	55	Colorless	None
10:34	5	200	31.47	0.00	8.49	0.912	1.1	1.7	12.33	-1	Colorless	None
10:39	5	200	31.47	0.00	8.16	0.915	1.3	1.2	12.41	-18	Colorless	None
10:44	5	200	31.47	0.00	7.85	0.917	2	0.8	12.01	-18	Colorless	None
10:49	5	200	32.95	0.00	7.85	0.92	2.1	0.8	12.02	-20	Colorless	None
10:54	5	200	33	0.00	7.84	0.919	2.3	1.5	11.67	2	Colorless	None
10:59	5	200	33.02	0.00	7.8	0.919	3.4	1.24	11.76	-11	Colorless	None
11:04	5	200	33.08	0.00	7.8	0.919	3	1	11.8	-13	Colorless	None
11:09	5	200	33.12	0.00	7.8	0.919	3.1	1.1	11.83	-9	Colorless	None

Constituent Sampled	**Container**	**Number**	**Preservative**
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: Back parking area next to roll off
Condition of Well: Good
Well Completion: Stick-up
Well Locked at Arrival: yes
Well Locked at Departure: yes
Key Number To Well: NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-8D			**Date**	3/17/2020
Project Name/Location	CHGE Little Britain Rd					**Weather(°F)**	Cloudy 45 degrees F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	14.77	**Total Depth (ft-bmp)**	85.02	**Water Column(ft)**	70	**Gallons in Well**	11.42
MP Elevation		**Pump Intake (ft-bmp)**	78	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time	14:00	**Volumes Purged**	0.09	**Sample ID**	Mw18-8D	**Sampled by**	Kirk Vargas
Purge Start	13:19	**Gallons Purged**	1.00	**Replicate/ Code No.**			
Purge End	14:00						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
13:20		200	14.42	0.00	13.21	12.8	33.3	9.87	9.53	-65	Colorless	None
13:27	7	200	14.42	0.00	13.37	13	57.6	6.15	10.16	-98	Colorless	None
13:33	6	200	14.42	0.00	13.79	12.8	55.3	4.1	10.66	-105	Colorless	None
13:38	5	200	14.42	0.00	13.79	12.9	51.9	4.73	10.63	-99	Colorless	None
13:43	5	200	14.42	0.00	13.79	12.8	46.2	3.64	11.09	-104	Colorless	None
13:48	5	200	14.42	0.00	13.78	12.9	45.3	3.43	11.06	-105	Colorless	None
13:53	5	200	14.42	0.00	13.77	12.9	45	3.5	11.02	-105	Colorless	None
13:58	5	200	14.42	0.00	13.77	12.7	45.3	3.55	11.03	-105	Colorless	None

Constituent Sampled	**Container**	**Number**	**Preservative**
TPH	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:
Condition of Well: Good
Well Completion: Stick-up
Well Locked at Arrival: yes
Well Locked at Departure: yes
Key Number To Well: NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-2C			**Date**	3/19/2020
Project Name/Location	CHGE Little Britain Rd					**Weather(°F)**	Cloudy 45 degrees F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	31.29	**Total Depth (ft-bmp)**	185.5	**Water Column(ft)**	154.21	**Gallons in Well**	21.6
MP Elevation		**Pump Intake (ft-bmp)**	180	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time	9:30	**Volumes Purged**	0.09	**Sample ID**	MW18-2C	**Sampled by**	Kirk Vargas
Purge Start	8:53	**Gallons Purged**	1.10	**Replicate/ Code No.**			
Purge End	9:28						

Time	Minutes Elapsed	Rate (mL/min)	Depth to Water (ft)	Gallons Purged	pH (standard units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Redox (mV)	Appearance	
											Color	Odor
8:53		200	31.29	0.00	7.02	1.76	22.1	7.09	10.93	-76	Colorless	Yes
8:58	5	200	31.32	0.00	7.05	1.72	20.0	7.12	11.01	-80	Colorless	Yes
9:03	5	200	31.34	0.00	7.05	1.72	20.0	7.20	11.10	-83	Colorless	Yes
9:08	5	200	31.34	0.00	7.05	1.70	12.0	7.22	11.21	-88	Colorless	Yes
9:13	5	200	31.38	0.00	7.05	1.70	11.6	7.22	11.20	-88	Colorless	Yes
9:18	5	200	31.38	0.00	7.05	1.70	11.6	7.22	11.26	-87	Colorless	Yes
9:23	5	200	31.40	0.00	7.05	1.70	11.6	7.25	11.30	-87	Colorless	Yes
9:28	5	200	31.40	0.00	7.05	1.70	11.5	7.50	11.32	-87	Colorless	Yes

Constituent Sampled	**Container**	**Number**	**Preservative**
TPH	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:

Condition of Well: Good

Well Completion: Stick-up

Well Locked at Arrival: yes

Well Locked at Departure: yes

Key Number To Well: NA

·bmp = feet below measuring point
= inches

mS/cm = milliiSiemens per centimeter
NTU = Ne

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-8E	**Date**	3/20/2020
Project Name/Location	CHGE Little Britain Rd			**Weather(°F)**	Sunny 29 degrees F

Measuring Pt. Description		**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	**Well Casing Material**
Static Water Level (ft-bmp)		**Total Depth (ft-bmp)**		**Water Column(ft)**	**Gallons in Well**
MP Elevation		**Pump Intake (ft-bmp)**		**Purge Method** Hydrasleeve	**Sample Method** Grab
Sample Time	8:50	**Volumes Purged**		**Sample ID** MW18-8E	**Sampled by** Kirk Vargas
Purge Start		**Gallons Purged**		**Replicate/ Code No.**	
Purge End					

Constituent Sampled	**Container**	**Number**	**Preservative**
Comments:			

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: _____ Well Locked at Arrival: _____

Condition of Well: _____ Well Locked at Departure: _____

Well Completion: _____ Key Number To Well: _____

·bmp = feet below measuring point
= inches

mS/cm = milliiSiemens per centimeter
NTU = Ne

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-8F	**Date**	3/20/2020
Project Name/Location	CHGE Little Britain Rd			**Weather(°F)**	Sunny 29 degrees F

Measuring Pt. Description		**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	**Well Casing Material**
Static Water Level (ft-bmp)		**Total Depth (ft-bmp)**		**Water Column(ft)**	**Gallons in Well**
MP Elevation		**Pump Intake (ft-bmp)**		**Purge Method** Hydrasleeve	**Sample Method** Grab
Sample Time	12:25	**Volumes Purged**		**Sample ID** MW18-8F	**Sampled by** Kirk Vargas
Purge Start		**Gallons Purged**		**Replicate/ Code No.**	
Purge End					

Constituent Sampled	**Container**	**Number**	**Preservative**
Comments:			

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: _____ Well Locked at Arrival: _____

Condition of Well: _____ Well Locked at Departure: _____

Well Completion: _____ Key Number To Well: _____

·bmp = feet below measuring point
= inches

mS/cm = milliiSiemens per centimeter
NTU = Ne

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	SG-1	**Date**	3/20/2020
Project Name/Location	CHGE Little Britain Rd			**Weather(°F)**	Sunny 29 degrees F

Measuring Pt. Description		**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	**Well Casing Material**
Static Water Level (ft-bmp)		**Total Depth (ft-bmp)**		**Water Column(ft)**	**Gallons in Well**
MP Elevation		**Pump Intake (ft-bmp)**		**Purge Method**	**Sample Method** Grab
Sample Time	10:15	**Volumes Purged**		**Sample ID** SG-1	**Sampled by** Kirk Vargas
Purge Start		**Gallons Purged**		**Replicate/ Code No.**	
Purge End					

Constituent Sampled	**Container**	**Number**	**Preservative**
Comments:			

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: _____ Well Locked at Arrival: _____

Condition of Well: _____ Well Locked at Departure: _____

Well Completion: _____ Key Number To Well: _____

·bmp = feet below measuring point
= inches

mS/cm = milliiSiemens per centimeter
NTU = Ne

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 01-8A	**Date**	3/17/2020
Project Name/Location	CHGE Little Britain Rd			**Weather(°F)**	Sunny 29 degrees F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)** 2	**Well Casing Material** PVC
Static Water Level (ft-bmp)	10.82	**Total Depth (ft-bmp)**	10.84	**Water Column(ft)**	**Gallons in Well** 0.14
MP Elevation		**Pump Intake (ft-bmp)**		**Purge Method**	**Sample Method**
Sample Time		**Volumes Purged**		**Sample ID**	**Sampled by** Kirk Vargas
Purge Start		**Gallons Purged**		**Replicate/ Code No.**	
Purge End					
Constituent Sampled		**Container**		**Number**	**Preservative**
Comments:	Well dry . Not enough water to sample				

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:

Condition of Well: Good

Well Completion: Flush mount

Well Locked at Arrival: yes

Well Locked at Departure: yes

Key Number To Well: NA

·bmp = feet below measuring point
= inches

mS/cm = milliiSiemens per centimeter
NTU = Ne

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW94-2	**Date**	3/17/2020
Project Name/Location	CHGE Little Britain Rd			**Weather(°F)**	Sunny 29 degrees F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)** 2	**Well Casing Material** PVC
Static Water Level (ft-bmp)	12.49	**Total Depth (ft-bmp)**	13.32	**Water Column(ft)**	**Gallons in Well**
MP Elevation		**Pump Intake (ft-bmp)**		**Purge Method**	**Sample Method**
Sample Time		**Volumes Purged**		**Sample ID**	**Sampled by** Kirk Vargas
Purge Start		**Gallons Purged**		**Replicate/ Code No.**	
Purge End					

Constituent Sampled	**Container**	**Number**	**Preservative**
Comments:	Not enough water to sample		

Well Casing Volume Conversion

Well diameter (inches) = 1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
gallons per foot 1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:		Well Locked at Arrival:	yes
Condition of Well:	Good	Well Locked at Departure:	yes
Well Completion:	Flush mount	Key Number To Well:	NA

·bmp = feet below measuring point
= inches
mS/cm = milliiSiemens per centimeter
NTU = Ne
mV = millivolts