Submitted via email

July 29, 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
June 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 June 16 and 19, 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. 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 July 28, 2020.

Results

Although gauged, MW94-2, MW96-7B, and MW01-8A contained an insufficient amount water to collect samples for laboratory analysis.

Depth to water ranged from 6.07 fbtoc to 54.85 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 June 2020 sampling event detected one or more of the following VOC constituents: Acetone (70 to 120 micrograms/liter [ug/l]), Benzene (2.0 ug/l), 1,1-Dichloroethane (34 to 44 ug/l), 1,1-Dichloroethene (11 to 100 ug/l), cis-1,2-Dichloroethene (6.7 to 49,000 ug/l), trans-1,2-Dichloroethene (5.8 to 75 ug/l), 1,1,1-Trichloroethane (10 to 43 ug/l), Trichloroethene (10 to 130 ug/l), and Vinyl Chloride (4.5 to 870 ug/l), in MW01-08B, MW18-8D, MW18-8E, MW18-8F, MW06-2C, MW06-9C, MW18-10C, MW18-11C, MW18-12B, MW18-12C, MW18-13B, MW18-13C, MW18-14A, 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. Summaries of the June 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 September 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	
					296.78	6/16/20	13.37	283.41	
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
					297.24	6/16/20	13.25	283.99	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	
					298.00	6/16/20	14.04	283.96	
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	
					303.30	6/16/20	12.03	291.27	
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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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	
					300.39	6/16/20	9.82	290.57	
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	
					303.13	6/16/20	13.20	289.93	
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	
					294.62	6/16/20	14.95	279.67	
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
					296.76	6/16/20	10.85	285.91	Dry

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New Windsor, New York

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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	
					296.82	6/16/20	16.29	280.53	
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	
					296.44	6/16/20	15.98	280.46	
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	
					295.97	6/16/20	Obstruction could not gauge		
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	
					296.02	6/16/20	30.00	266.02	
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	
					298.01	6/16/20	35.81	262.20	
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	
					314.50	6/16/20	54.85	259.65	
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	
					295.42	6/16/20	6.07	289.35	
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	
					295.82	6/16/20	28.39	267.43	
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	
					295.82	6/16/20	27.39	268.43	
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	
					295.39	6/16/20	7.18	288.21	
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	
					295.54	6/16/20	27.83	267.71	
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	
					295.51	6/16/20	31.26	264.25	
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	
					294.66	6/16/20	10.62	284.04	

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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	
					294.87	6/16/20	31.85	263.02	
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	
					294.88	6/16/20	31.07	263.81	
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	
					293.97	6/16/20	31.03	262.94	
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	
					293.97	6/16/20	32.85	261.12	
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	
					297.55	6/16/20	8.94	288.61	
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	
					297.63	6/16/20	21.36	276.27	
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	
					297.65	6/16/20	31.46	266.19	
Lake Washington Stilling Basin[c]	Surface Water				290.02	8/21/95	0.90	289.12	Not Applicable
						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	
						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**			**MW01-8B**			**MW18-8D**			**MW18-8E**		
Lab Sample ID	Groundwater	460-211531-2			460-211531-16			460-211531-12			460-211531-13			460-211531-8			460-211531-1			460-211531-30			460-211531-3		
Sampling Date	Criteria	06/16/2020 12:05:00			06/18/2020 12:20:00			06/17/2020 10:30:00			06/17/2020 09:20:00			06/17/2020 13:28:00			06/16/2020 13:50:00			06/19/2020 14:00:00			06/16/2020 11:15:00		
Matrix		Water			Water			Water			Water			Water			Water			Water			Water		
Dilution Factor		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		
		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	**0.45**	J	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	0.73	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	0.62	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	0.87	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	**0.29**	J	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	**0.37**	J	0.26	**1.5**	J	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	0.71	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	0.73	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	0.75	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	0.86	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	0.86	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	0.71	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	0.68	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	0.67	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	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	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	**4.9**	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	2.6	U	2.6	6.5	U	6.5
Acetone	50	4.4	U	4.4	4.4	U	4.4	**5.9**		4.4	4.4	U	4.4	**5.0**		4.4	4.4	U	4.4	**120**		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	0.41	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	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	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	1.6	U	1.6	**9.4**		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	0.42	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	0.75	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	0.82	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	0.56	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	0.64	U	0.64	1.6	U	1.6
Chloroform	7	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	0.65	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	**0.87**	J	0.80	2.0	U	2.0
cis-1,2-Dichloroethene	5	**1.5**		0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	**3.4**		0.22	**11**		0.22	**590**		0.44	**240**		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	0.44	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	0.64	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	0.69	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	0.62	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	0.60	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	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	0.67	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	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	0.93	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	0.52	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	0.63	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	0.59	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	0.72	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	0.83	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	0.50	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	0.76	U	0.76	1.9	U	1.9
trans-1,2-Dichloroethene	5	**0.91**	J	0.24	**0.42**	J	0.24	**0.59**	J	0.24	**0.84**	J	0.24	0.24	U	0.24	**2.4**		0.24	**1.3**	J	0.47	**3.3**	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	0.97	U	0.97	2.4	U	2.4
Trichloroethene	5	**4.2**		0.31	**0.53**	J	0.31	0.31	U	0.31	0.31	U	0.31	0.31	U	0.31	**2.7**		0.31	**55**		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	0.64	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	**4.5**		0.17	**35**		0.34	**870**		0.86
Total Conc	NA	6.61			0.95			6.49			1.58			8.4			20.97			808.57			1122.7		

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	460-211531-4			460-211531-21			460-211531-22			460-211531-20			460-211531-19			460-211531-18			460-211531-24			460-211531-17		
Sampling Date	Criteria	06/16/2020 11:45:00			06/19/2020 09:05:00			06/19/2020 11:00:00			06/18/2020 08:58:00			06/18/2020 10:58:00			06/18/2020 12:13:00			06/19/2020 12:13:00			06/18/2020 14:53:00		
Matrix		Water			Water			Water			Water			Water			Water			Water			Water		
Dilution Factor		2			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	0.48	U	0.48	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	0.24	U	0.24
1,1,2,2-Tetrachloroethane	5	0.73	U	0.73	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	0.37	U	0.37
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	0.62	U	0.62	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	0.31	U	0.31
1,1,2-Trichloroethane	NA	0.87	U	0.87	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	0.43	U	0.43
1,1-Dichloroethane	5	0.53	U	0.53	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	0.26	U	0.26
1,1-Dichloroethene	5	**0.78**	J	0.53	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	0.26	U	0.26
1,2,3-Trichlorobenzene	NA	0.71	U	0.71	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	0.36	U	0.36
1,2,4-Trichlorobenzene	5	0.73	U	0.73	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	0.37	U	0.37
1,2-Dibromo-3-Chloropropane	NA	0.75	U	0.75	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	0.38	U	0.38
1,2-Dichlorobenzene	4.7	0.86	U	0.86	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	0.43	U	0.43
1,2-Dichloroethane	5	0.86	U	0.86	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	0.43	U	0.43
1,2-Dichloropropane	NA	0.71	U	0.71	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	0.35	U	0.35
1,3-Dichlorobenzene	5	0.68	U	0.68	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	0.34	U	0.34
1,4-Dichlorobenzene	5	0.67	U	0.67	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	0.33	U	0.33
1,4-Dioxane	NA	56	U	56	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	3.7	U	3.7	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	2.3	U	2.3	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	2.6	U	2.6	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	**10**		8.8	**5.7**		4.4	4.4	U	4.4	4.4	U	4.4	4.4	U	4.4	**5.8**		4.4	4.4	U	4.4	4.4	U	4.4
Benzene	0.7	**2.0**		0.41	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	0.20	U	0.20
Bromoform	50	1.1	U	1.1	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	1.1	U	1.1	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	**9.9**		1.6	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	0.42	U	0.42	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	0.21	U	0.21
Chlorobenzene	5	0.75	U	0.75	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	0.38	U	0.38
Chlorobromomethane	NA	0.82	U	0.82	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	0.41	U	0.41
Chlorodibromomethane	50	0.56	U	0.56	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	0.28	U	0.28
Chloroethane	50	0.64	U	0.64	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	0.32	U	0.32
Chloroform	7	**4.8**		0.65	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	0.80	U	0.80	**0.48**	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
cis-1,2-Dichloroethene	5	**500**		0.44	**22**		0.22	**63**		0.22	**3.6**		0.22	**0.52**	J	0.22	**6.7**		0.22	**0.34**	J	0.22	**0.83**	J	0.22
cis-1,3-Dichloropropene	NA	0.44	U	0.44	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	0.22	U	0.22
Cyclohexane	NA	0.64	U	0.64	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	0.32	U	0.32
Dichlorobromomethane	NA	0.69	U	0.69	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	0.34	U	0.34
Dichlorodifluoromethane	NA	0.62	U	0.62	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	0.31	U	0.31
Ethylbenzene	5	0.60	U	0.60	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	0.30	U	0.30
Ethylene Dibromide	NA	1.0	U	1.0	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	0.67	U	0.67	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	0.34	U	0.34
Methyl acetate	NA	1.6	U	1.6	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
Methyl tert-butyl ether	10	0.93	U	0.93	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	0.47	U	0.47
Methylcyclohexane	NA	0.52	U	0.52	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	0.26	U	0.26
Methylene Chloride	5	**0.66**	J	0.63	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	0.59	U	0.59	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	0.30	U	0.30
o-Xylene	5	0.72	U	0.72	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	0.36	U	0.36
Styrene	NA	0.83	U	0.83	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	0.42	U	0.42
Tetrachloroethene	5	0.50	U	0.50	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	0.25	U	0.25
Toluene	5	0.76	U	0.76	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	0.38	U	0.38
trans-1,2-Dichloroethene	5	**3.6**		0.47	**1.2**		0.24	**0.62**	J	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	**0.65**	J	0.24
trans-1,3-Dichloropropene	NA	0.97	U	0.97	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	0.49	U *	0.49
Trichloroethene	5	**0.85**	J	0.63	**2.5**		0.31	**2.6**		0.31	**0.98**	J	0.31	0.31	U	0.31	**2.7**		0.31	0.31	U	0.31	0.31	U	0.31
Trichlorofluoromethane	NA	0.64	U	0.64	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	0.32	U	0.32
Vinyl chloride	2	**150**		0.34	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	0.17	U	0.17
Total Conc	NA	682.59			31.88			66.22			4.58			0.52			15.2			0.34			1.48		

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	**MW18-11C**			**MW18-12A**			**MW18-12B**			**MW18-12C**			**MW18-13B**			**MW18-13C**			**MW18-14A**			**MW18-14B**		
Lab Sample ID	Groundwater	460-211531-25			460-211531-10			460-211531-14			460-211531-15			460-211531-9			460-211531-11			460-211531-7			460-211531-6		
Sampling Date	Criteria	06/19/2020 10:33:00			06/17/2020 14:43:00			06/18/2020 09:30:00			06/18/2020 10:25:00			06/17/2020 12:00:00			06/17/2020 13:10:00			06/17/2020 11:58:00			06/17/2020 10:33:00		
Matrix		Water			Water			Water			Water			Water			Water			Water			Water		
Dilution Factor		1			1			20			2			2			2			1			2		
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	**43**		4.8	0.48	U	0.48	**16**		0.48	**10**		0.48	0.24	U	0.24	0.48	U	0.48
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	0.73	U	0.73
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	0.62	U	0.62
1,1,2-Trichloroethane	NA	0.43	U	0.43	0.43	U	0.43	8.7	U	8.7	**5.2**		0.87	0.87	U	0.87	0.87	U	0.87	0.43	U	0.43	0.87	U	0.87
1,1-Dichloroethane	5	0.26	U	0.26	0.26	U	0.26	**34**		5.3	**2.8**		0.53	**44**		0.53	**41**		0.53	0.26	U	0.26	0.53	U	0.53
1,1-Dichloroethene	5	0.26	U	0.26	0.26	U	0.26	**22**		5.3	**1.3**	J	0.53	**24**		0.53	**11**		0.53	0.26	U	0.26	**1.1**	J	0.53
1,2,3-Trichlorobenzene	NA	0.36	U	0.36	0.36	U	0.36	7.1	U	7.1	0.71	U	0.71	0.71	U	0.71	0.71	U	0.71	0.36	U	0.36	0.71	U	0.71
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	0.73	U	0.73
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	0.75	U	0.75
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	0.86	U	0.86
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	0.86	U	0.86
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	0.71	U	0.71
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	0.68	U	0.68
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	0.67	U	0.67
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	56	U	56
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	3.7	U	3.7
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	2.3	U	2.3
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	2.6	U	2.6
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	4.4	U	4.4	**70**		8.8
Benzene	0.7	0.20	U	0.20	0.20	U	0.20	4.1	U	4.1	0.41	U	0.41	**0.83**	J	0.41	**0.72**	J	0.41	0.20	U	0.20	0.41	U	0.41
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	1.1	U	1.1
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	1.1	U	1.1
Carbon disulfide	50	0.82	U	0.82	0.82	U	0.82	16	U	16	**6.0**		1.6	1.6	U	1.6	1.6	U	1.6	0.82	U	0.82	1.6	U	1.6
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	0.42	U	0.42
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	0.75	U	0.75
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	0.82	U	0.82
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	0.56	U	0.56
Chloroethane	50	0.32	U	0.32	0.32	U	0.32	6.4	U	6.4	0.64	U	0.64	**12**		0.64	**9.1**		0.64	0.32	U	0.32	0.64	U	0.64
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	0.65	U	0.65
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	**0.41**	J	0.40	0.80	U	0.80
cis-1,2-Dichloroethene	5	**66**		0.22	**1.3**		0.22	**6500**		4.4	**980**		0.44	**680**		0.44	**530**		0.44	**7.3**		0.22	**820**		0.44
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	0.44	U	0.44
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	0.64	U	0.64
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	0.69	U	0.69
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	0.62	U	0.62
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	0.60	U	0.60
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	1.0	U	1.0
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	0.67	U	0.67
Methyl acetate	NA	0.79	U	0.79	0.79	U	0.79	16	U	16	1.6	U	1.6	1.6	U	1.6	1.6	U	1.6	0.79	U	0.79	1.6	U	1.6
Methyl tert-butyl ether	10	0.47	U	0.47	0.47	U	0.47	9.3	U	9.3	**6.1**		0.93	0.93	U	0.93	0.93	U	0.93	0.47	U	0.47	0.93	U	0.93
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	0.52	U	0.52	0.26	U	0.26	0.52	U	0.52
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	0.63	U	0.63
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	0.59	U	0.59
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	0.72	U	0.72
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	0.83	U	0.83
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	0.50	U	0.50
Toluene	5	0.38	U	0.38	0.38	U	0.38	7.6	U	7.6	**1.9**	J	0.76	0.76	U	0.76	0.76	U	0.76	0.38	U	0.38	**3.7**		0.76
trans-1,2-Dichloroethene	5	**1.2**		0.24	0.24	U	0.24	**20**		4.7	**8.1**		0.47	**6.2**		0.47	**5.8**		0.47	0.24	U	0.24	**1.7**	J	0.47
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	0.97	U	0.97
Trichloroethene	5	**0.31**	J	0.31	**4.8**		0.31	**13**	J	6.3	**59**		0.63	**100**		0.63	**10**		0.63	0.31	U	0.31	**46**		0.63
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	0.64	U	0.64
Vinyl chloride	2	**28**		0.17	0.17	U	0.17	**19**	J	3.4	**290**		0.34	**90**		0.34	**120**		0.34	0.17	U	0.17	**34**		0.34
Total Conc	NA	95.51			6.1			6651.0			1360.4			973.03			737.62			7.71			976.5		

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	MW18-14C			SG-1			FB-20200616			FB-20200617			FB-20200618			FB-20200619			TRIP BLANK		
Lab Sample ID	Groundwater	460-211531-5			460-211531-23			460-211531-26			460-211531-27			460-211531-28			460-211531-29			460-211531-31		
Sampling Date	Criteria	06/17/2020 09:13:00			06/19/2020 12:40:00			06/16/2020 15:30:00			06/17/2020 14:30:00			06/18/2020 14:00:00			06/19/2020 13:00:00			06/19/2020 08:00:00		
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	**100**	J	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	**6.1**		4.4	4.4	U	4.4	**5.5**		4.4	**6.4**		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	**0.35**	J	0.33	**0.35**	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	**49000**		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	**0.34**	J	0.32	**0.35**	J	0.32	**0.46**	J	0.32	**0.45**	J	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	**75**	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	**130**	J	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	**810**		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	50115.0			0.0			6.44			0.7			6.31			6.85			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 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
		Jun-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**1.5**	**0.91 J**	0.38 U	0.24 U	**4.2**	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												
		Jun-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
		Jun-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	0.22 U	**0.42 J**	0.38 U	0.24 U	**0.53 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
		Jun-20	**5.9**	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	0.22 U	**0.59 J**	0.38 U	0.24 U	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
		Jun-20	4.4 U	0.20 U	0.33 U	**0.29 J**	0.26 U	0.43 U	0.22 U	**0.84 J**	0.38 U	**0.45 J**	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
		Jun-20	**5.0**	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**3.4**	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
		Jun-20	Unable to sample due to insufficient water after purging												

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												
		Jun-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
	Bedrock	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
		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
		Jun-20	4.4 U	0.20 U	0.33 U	0.26 U	**0.37 J**	0.43 U	**11**	**2.4**	0.38 U	0.24 U	**2.7**	**4.5**	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' 75-100' 100-125' Bedrock	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
		Aug-05 [8]	PND	PND	PND	130 U	130 U	PND	**4,100 D**	**53 J**	**17 J**	PND	**260**	**210**	130 U
		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
		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
		Jun-20	**120**	0.41 U	0.65 U	0.53 U	**1.5**	0.86 U	**590**	**1.3 J**	0.76 U	0.48 U	**55**	**35**	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
		Jun-20	22 U	1.0 U	1.6 U	1.3 U	1.3 U	2.2 U	**240**	**3.3 J**	1.9 U	1.2 U	1.6 U	**870**	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**	0.26 U	**0.54 J**	0.43 U	**370**	**4.5**	**0.77 J**	0.24 U	**0.62 J**	**120**	0.30 U
		Jun-20	**10**	**2.0**	**4.8**	0.53 U	**0.78 J**	0.86 U	**500**	**3.6**	0.76 U	0.48 U	**0.85 J**	**150**	0.59 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
		Jun-20	**5.7**	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**22**	**1.2**	0.38 U	0.24 U	**2.5**	0.17 U	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
		Jun-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**63**	**0.62 J**	0.38 U	0.24 U	**2.6**	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
		Jun-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**3.6**	0.24 U	0.38 U	0.24 U	**0.98 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
		Jun-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**0.52 J**	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
		Jun-20	**5.8**	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**6.7**	0.24 U	0.38 U	0.24 U	**2.7**	0.17 U	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
		Jun-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**0.34 J**	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
		Jun-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**0.83 J**	**0.65 J**	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**	0.38 U	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**	0.3 8U	0.24 U	0.31 U	**13**	0.30 U
		Jun-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**66**	**1.2**	0.38 U	0.24 U	**0.31 J**	**28**	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
		Jun-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**1.3**	0.24 U	0.38 U	0.24 U	**4.8**	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
		Jun-20	88 U	4.1 U	6.5 U	**34**	**22**	8.6 U	**6500**	**20**	7.6 U	**43**	**13**	**19**	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
		Jun-20	8.8 U	0.41 U	0.65 U	**2.8**	**1.3 J**	0.86 U	**980**	**8.1**	**1.9 J**	0.48 U	**59**	**290**	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
		Jun-20	8.8 U	**0.83 J**	0.65 U	**44**	**24**	0.86 U	**680**	**6.2**	0.76 U	**16**	**100**	**90**	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
		Jun-20	8.8 U	**0.72 J**	0.65 U	**41**	**11**	0.86 U	**530**	**5.8**	0.76 U	**10**	**10**	**120**	0.59 U

Table 3

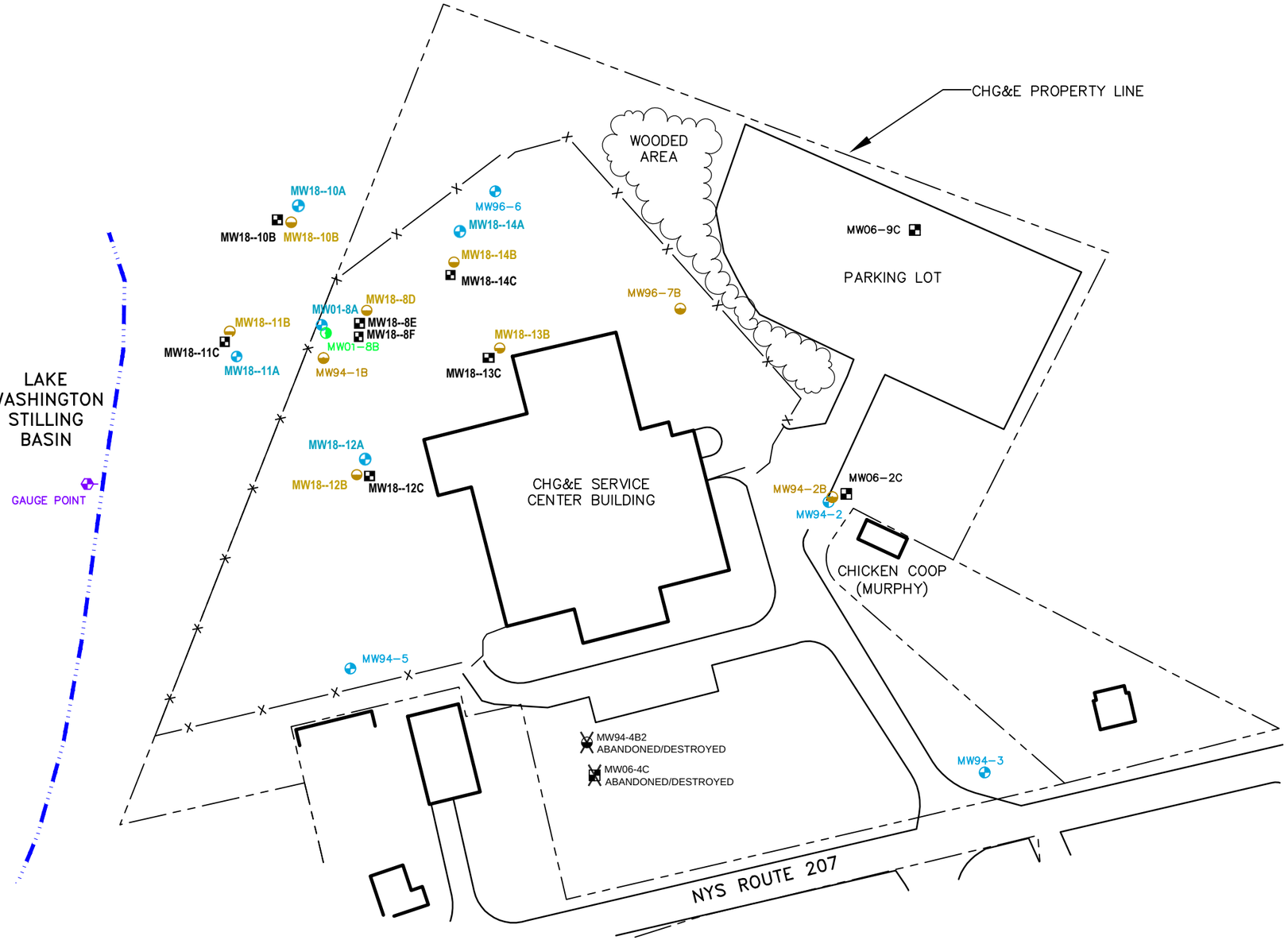
Historical Groundwater Data for Contaminants of Concern

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
		Jun-20	4.4 U	0.20 U	0.33 U	0.26 U	0.26 U	0.43 U	**7.3**	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
		Jun-20	**70**	0.41 U	0.65 U	0.53 U	**1.1 J**	0.86 U	**820**	**1.7 J**	**3.7**	0.48 U	**46**	**34**	0.59 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
		Jun-20	880 U	41 U	65 U	53 U	**100**	86 U	**49000**	**75**	76 U	48 U	**130**	**810**	59 U
SG-1	NA	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
		Jun-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

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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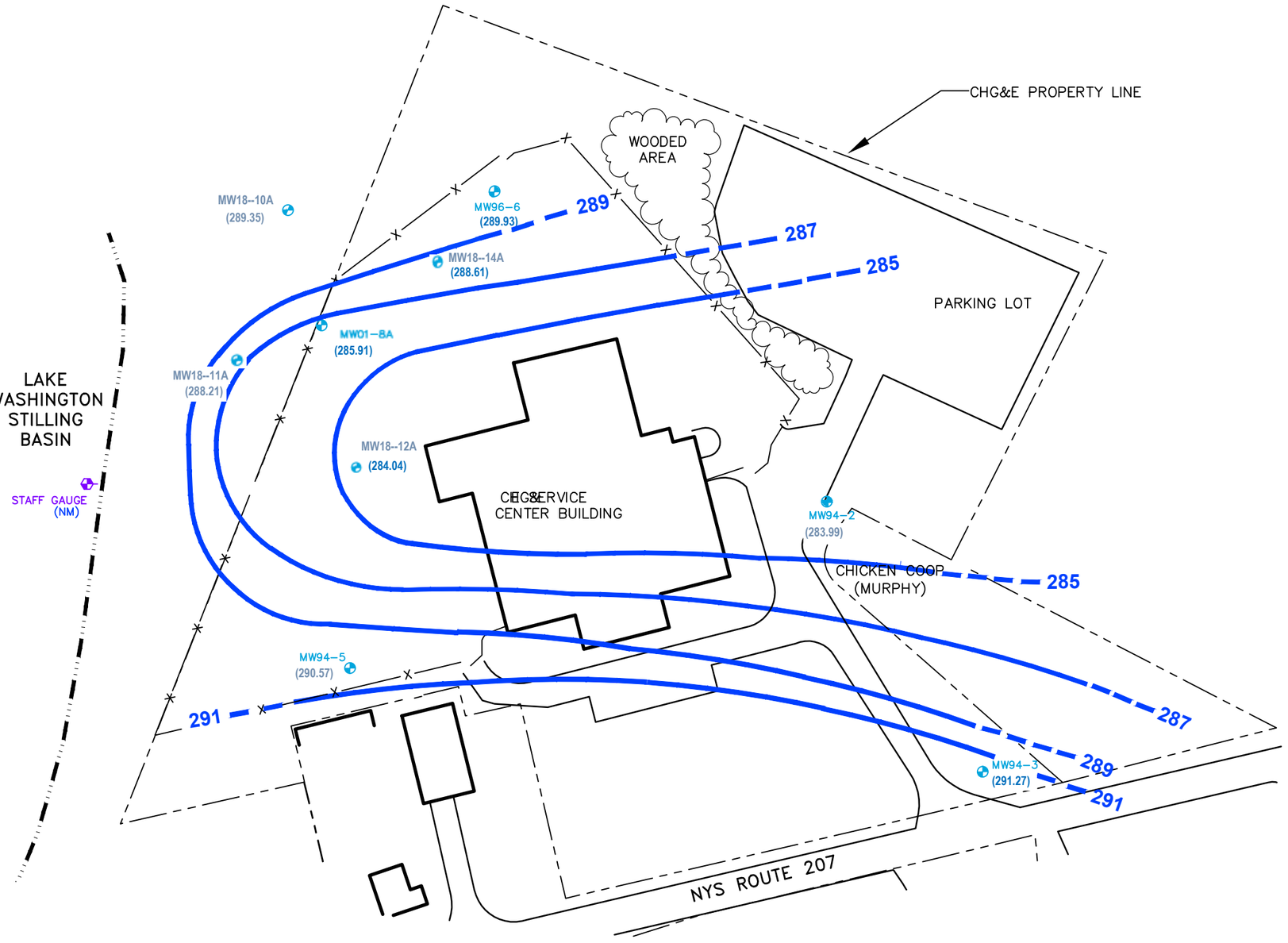
20531X00



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
June 16, 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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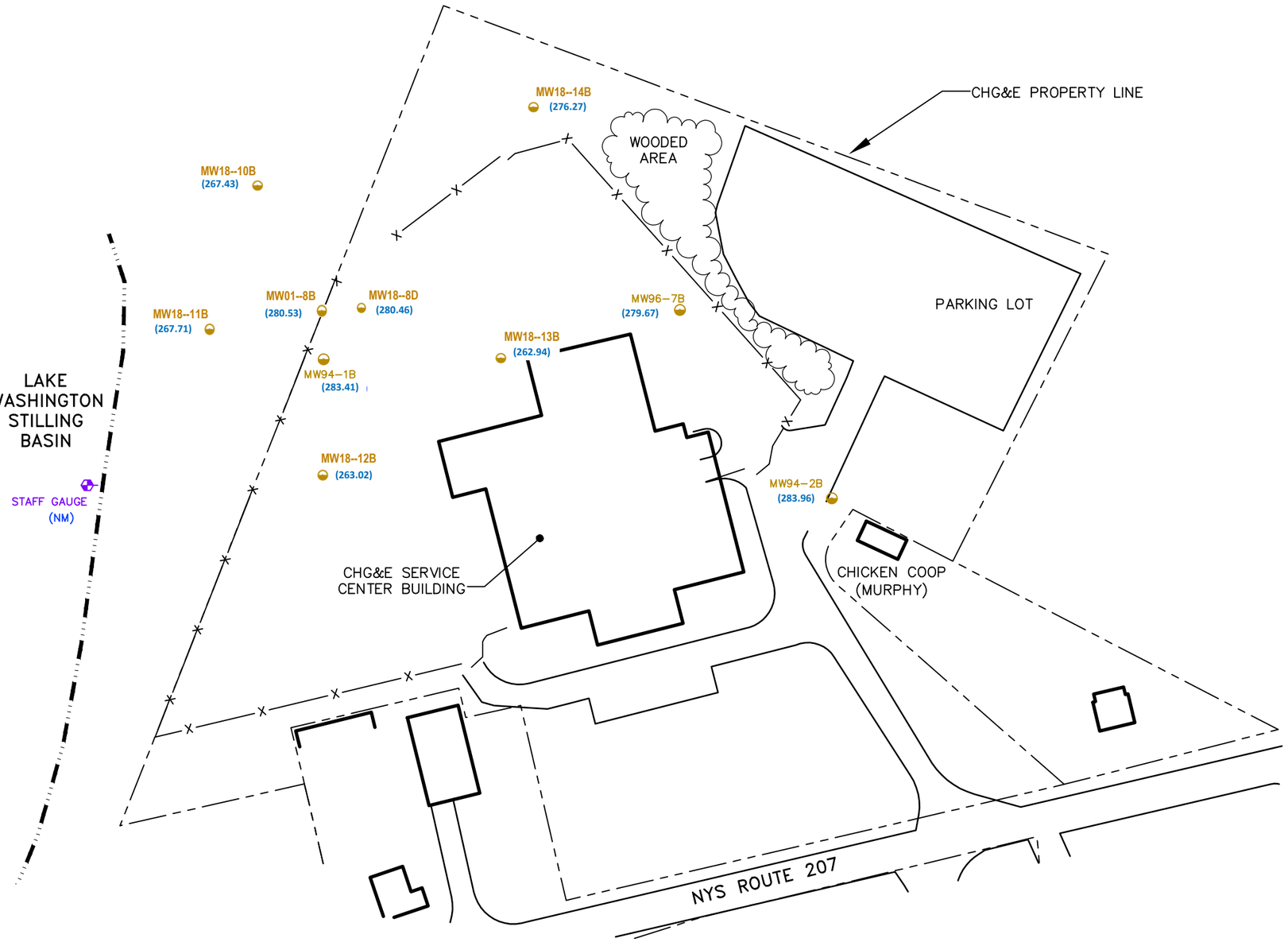

LEGEND:

- 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 June 16, 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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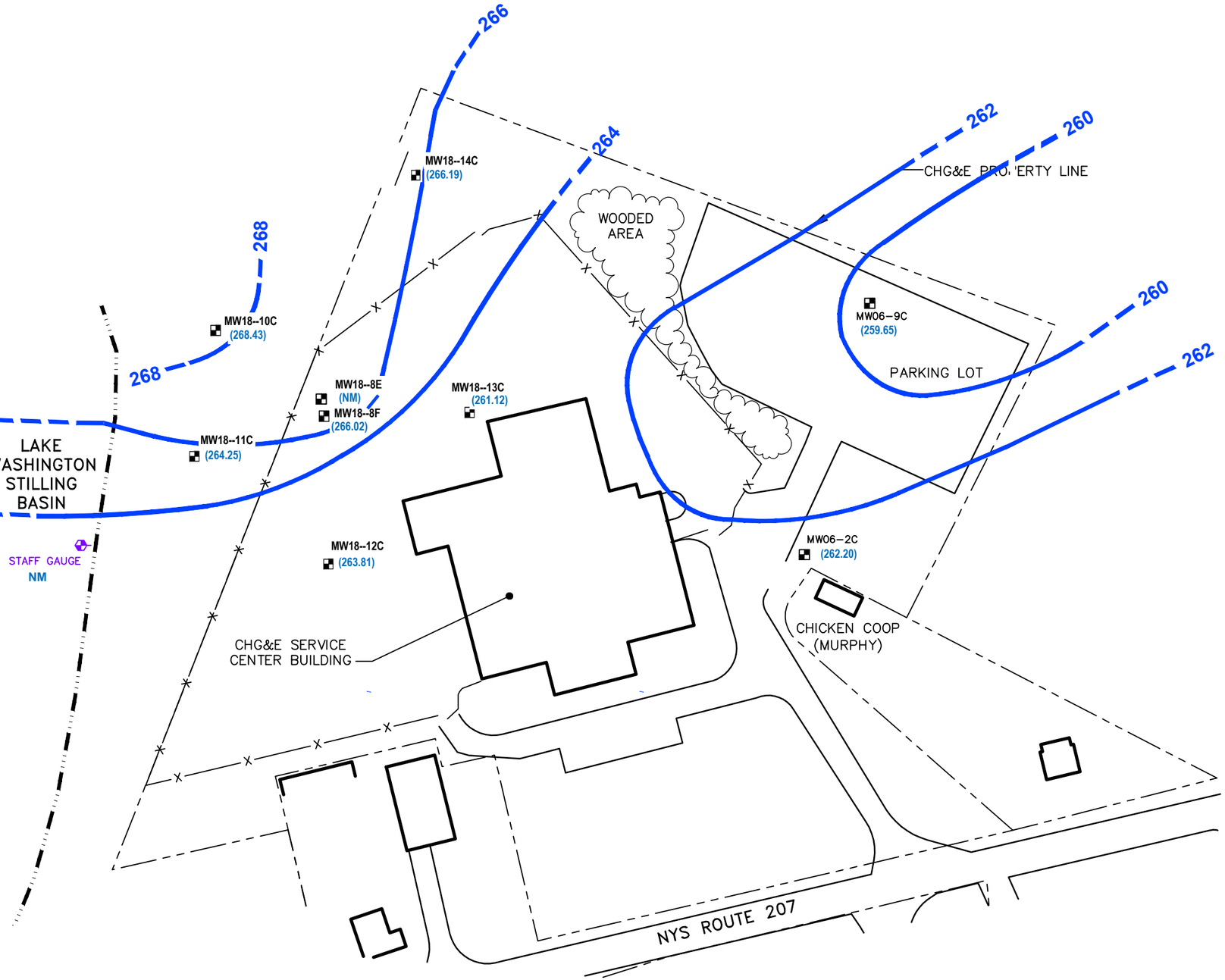
20531X00



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 June 16, 2020

ARCADIS Design & Consultancy for natural and built assets

FIGURE 4

Groundwater sampling water chemistry data (field notes)

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW94-1B			**Date**	06/16/2020
Project Name/Location	CHGE- Little Britain Road/ 610 Little Britain Rd, New Windsor, NY					**Weather(°F)**	Sunny, 60F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	4	**Well Casing Material**	Steel
Static Water Level (ft-bmp)	13.37	**Total Depth (ft-bmp)**	24.59	**Water Column(ft)**	11.22	**Gallons in Well**	7.29
MP Elevation		**Pump Intake (ft-bmp)**	22.5	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time		**Volumes Purged**	0.29	**Sample ID**	MW94-1B	**Sampled by**	Balele Sandaogo
Purge Start		**Gallons Purged**	2.11	**Replicate/ Code No.**	NA		
Purge End							

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
11:29		200	15.32	0.26	7.28	0.831	67.6	0.21	13.4	106	Reddish	ND
11:34	5	200	15.59	0.53	7.14	0.823	57.8	0.08	15.86	108	Reddish	ND
11:39	5	200	15.81	0.79	7.07	0.828	65.8	0.02	15.36	115	Reddish	ND
11:44	5	200	16.03	1.06	7.01	0.827	69.3	0.01	16.04	125	Reddish	ND
11:49	5	200	16.21	1.32	7	0.825	71.9	0.01	14.01	123	Reddish	ND
11:54	5	200	16.39	1.59	6.94	0.821	75.6	0.01	13.79	132	Reddish	ND
11:59	5	200	16.58	1.85	6.93	0.82	76.7	0.01	13.45	132	Reddish	ND
12:04	5	200	16.79	2.11	6.97	0.819	79.8	0.01	13.65	130	Reddish	ND

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: Onsite

Condition of Well: Good

Well Completion: Stick-up

Well Locked at Arrival: yes

Well Locked at Departure: yes

Key Number To Well: NA

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW01-8B			**Date**	06/16/2020
Project Name/Location	CHGE- Little Britain Road/ 610 Little Britain Rd, New Windsor, NY					**Weather(°F)**	Sunny, 60F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	4	**Well Casing Material**	Steel
Static Water Level (ft-bmp)	16.37	**Total Depth (ft-bmp)**	30.8	**Water Column(ft)**	14.43	**Gallons in Well**	9.38
MP Elevation		**Pump Intake (ft-bmp)**	27	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time		**Volumes Purged**	0.20	**Sample ID**	MW01-8B	**Sampled by**	Balele Sandaogo
Purge Start		**Gallons Purged**	1.85	**Replicate/ Code No.**	NA		
Purge End							

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
13:17		200	17.62	0.26	7.41	0.605	194	0.11	13.72	-200	ND	ND
13:22	5	200	18.12	0.53	7.46	0.605	159	0.04	13.49	-210	ND	ND
13:27	5	200	18.57	0.79	7.49	0.605	121	0.01	13.56	-214	ND	ND
13:32	5	200	18.84	1.06	7.52	0.604	108	0.01	13.55	-218	ND	ND
13:37	5	200	19.09	1.32	7.53	0.605	78.9	0.01	13.43	-221	ND	ND
13:42	5	200	19.47	1.59	7.55	0.604	74.4	0.01	13.62	-222	ND	ND
13:47	5	200	19.78	1.85	7.56	0.605	72.3	0.01	13.64	-223	ND	ND

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: Onsite

Condition of Well: Good

Well Completion: Stick-up

Well Locked at Arrival: yes

Well Locked at Departure: yes

Key Number To Well: NA

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 94-5			**Date**	06/17/2020
Project Name/Location	CHGE- Little Britain Road/ 610 Little Britain Rd, New Windsor, NY					**Weather(°F)**	Sunny, 66F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	9.92	**Total Depth (ft-bmp)**	20.5	**Water Column(ft)**	10.58	**Gallons in Well**	1.72
MP Elevation		**Pump Intake (ft-bmp)**	18	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time		**Volumes Purged**	1.23	**Sample ID**	MW 94-5	**Sampled by**	Balele Sandaogo
Purge Start		**Gallons Purged**	2.11	**Replicate/ Code No.**	NA		
Purge End							

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
08:44		200	9.95	0.26	6.82	3.18	822	1.81	14.27	-8	ND	ND
08:49	5	200	9.95	0.53	6.76	3.09	367	0.8	14	14	ND	ND
08:54	5	200	9.95	0.79	6.72	3.11	137	0.11	13.92	47	ND	ND
08:59	5	200	9.95	1.06	6.71	3.21	56.3	0.01	13.89	67	ND	ND
09:04	5	200	9.95	1.32	6.75	3.26	32.4	0.01	14.24	79	ND	ND
09:09	5	200	9.95	1.59	6.72	3.28	21.4	0.01	14.52	83	ND	ND
09:14	5	200	9.95	1.85	6.75	3.29	23.2	0.01	14.62	80	ND	ND
09:19	5	200	9.95	2.11	6.76	3.31	21.3	0.01	14.6	76	ND	ND

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: Onsite

Condition of Well: Good

Well Completion: Stick-up

Well Locked at Arrival: yes

Well Locked at Departure: yes

Key Number To Well: NA

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 94-3			**Date**	06/17/2020
Project Name/Location	CHGE- Little Britain Road/ 610 Little Britain Rd, New Windsor, NY					**Weather(°F)**	Sunny, 66F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	12.16	**Total Depth (ft-bmp)**	19	**Water Column(ft)**	6.84	**Gallons in Well**	1.11
MP Elevation		**Pump Intake (ft-bmp)**	17	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time		**Volumes Purged**	1.90	**Sample ID**	MW 94-3	**Sampled by**	Balele Sandaogo
Purge Start		**Gallons Purged**	2.11	**Replicate/ Code No.**	ND		
Purge End							

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
09:51		200	12.48	0.26	6.75	1.52	998	0.61	14.71	120	ND	ND
09:56	5	200	12.72	0.53	6.74	1.56	275	0.01	13.86	129	ND	ND
10:01	5	200	12.95	0.79	6.75	1.59	115	0.01	13.6	135	ND	ND
10:06	5	200	13.18	1.06	6.77	1.61	78.7	0.01	13.78	138	ND	ND
10:11	5	200	13.39	1.32	6.76	1.62	71.6	0.01	13.03	142	ND	ND
10:16	5	200	13.59	1.59	6.8	1.66	72	0.01	13.3	143	ND	ND
10:21	5	200	13.77	1.85	6.8	1.67	68.9	0.01	13.01	147	ND	ND
10:26	5	200	13.77	2.11	6.83	1.68	73.3	0.01	12.97	145	ND	ND

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: By the site entrance

Condition of Well: Good

Well Completion: Flush mount

Well Locked at Arrival: no

Well Locked at Departure: no

Key Number To Well: NA

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 18-13B			**Date**	06/17/2020
Project Name/Location	CHGE- Little Britain Road/ 610 Little Britain Rd, New Windsor, NY					**Weather(°F)**	Sunny, 76F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	31.43	**Total Depth (ft-bmp)**	52.25	**Water Column(ft)**	20.82	**Gallons in Well**	3.38
MP Elevation		**Pump Intake (ft-bmp)**	49	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time		**Volumes Purged**	0.63	**Sample ID**	MW 18-13B	**Sampled by**	Balele Sandaogo
Purge Start		**Gallons Purged**	2.11	**Replicate/ Code No.**	NA		
Purge End							

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
11:28		200	32.77	0.26	7.26	1.23	169	0.38	19.66	-67	ND	ND
11:33	5	200	33.67	0.53	7.26	1.27	123	0.04	21.54	-58	ND	ND
11:38	5	200	34.51	0.79	7.22	1.28	87.7	0.01	19.72	-53	ND	ND
11:43	5	200	34.99	1.06	7.25	1.27	85.7	0.01	21.08	-45	ND	ND
11:48	5	200	35.36	1.32	7.22	1.29	69.6	0.01	19.63	-28	ND	ND
11:53	5	200	35.81	1.59	7.2	1.27	68.2	0.01	19.99	-26	ND	ND
11:58	5	200	36.16	1.85	7.2	1.27	65.4	0.01	20.17	-22	ND	ND

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: Onsite

Condition of Well: Good

Well Completion: Flush mount

Well Locked at Arrival: yes

Well Locked at Departure: yes

Key Number To Well: NA

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 18-13C			**Date**	06/17/2020
Project Name/Location	CHGE- Little Britain Road/ 610 Little Britain Rd, New Windsor, NY					**Weather(°F)**	Sunny, 76F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	32.36	**Total Depth (ft-bmp)**	186	**Water Column(ft)**	153.64	**Gallons in Well**	24.97
MP Elevation		**Pump Intake (ft-bmp)**	183	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time		**Volumes Purged**	0.07	**Sample ID**	MW 18-13C	**Sampled by**	Balele Sandaogo
Purge Start		**Gallons Purged**	1.85	**Replicate/ Code No.**	NA		
Purge End							

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
12:38		200	32.36	0.00	7.24	1.25	77.9	0.01	23.13	-69	ND	ND
12:43	5	200	33.77	0.53	7.15	1.32	24.8	0.01	21.37	-73	ND	ND
12:48	5	200	33.86	0.79	7.15	1.22	28.7	0.01	20.58	-78	ND	ND
12:53	5	200	33.95	1.06	7.18	1.22	25.4	0.01	20.59	-81	ND	ND
12:58	5	200	34.03	1.32	7.15	1.23	8.6	0.01	21.02	-85	ND	ND
13:03	5	200	34.14	1.59	7.17	1.22	8.3	0.01	21.62	-88	ND	ND
13:08	5	200	34.14	1.85	7.14	1.25	7.8	0.01	21.53	-90	ND	ND

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: Onsite

Condition of Well: Good

Well Completion: Flush mount

Well Locked at Arrival: yes

Well Locked at Departure: yes

Key Number To Well: NA

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW96-7B			**Date**	06/17/2020
Project Name/Location	CHGE- Little Britain Road/ 610 Little Britain Rd, New Windsor, NY					**Weather(°F)**	Sunny, 76F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	204	**Well Casing Material**	Steel
Static Water Level (ft-bmp)	15.06	**Total Depth (ft-bmp)**	17.5	**Water Column(ft)**	2.44	**Gallons in Well**	
MP Elevation		**Pump Intake (ft-bmp)**	17	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time	Not Sampled	**Volumes Purged**		**Sample ID**	MW 96-7B	**Sampled by**	Balele Sandaogo
Purge Start		**Gallons Purged**	0.79	**Replicate/ Code No.**	ND		
Purge End							

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
14:32		200	15.79	0.26	7.16	1.24	1000	7.19	23.16	-161		ND
14:37	5	200	16.78	0.53	7	1.22	839	4.47	21.17	-141		ND
14:42	5	200	17.04	0.79	6.9	1.16	702	2.63	21.07	-125		ND

Constituent Sampled	Container	Number	Preservative

Comments: Well dries @14:44. Allowed to recharge 24 hours. 6/18, well dry, 6/19, well dry. Unable to be sampled

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
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:	Good	Well Locked at Departure:	no
Well Completion:	Flush mount	Key Number To Well:	NA

ft-bmp = feet below measuring point
in = inches
mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-14B			**Date**	06/17/2020
Project Name/Location	CHGE Little Britain Road, New Windsor , NY					**Weather(°F)**	Sunny 70
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	20.73	**Total Depth (ft-bmp)**	55	**Water Column(ft)**	34.27	**Gallons in Well**	5.57
MP Elevation		**Pump Intake (ft-bmp)**	47.5	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time		**Volumes Purged**	0.18	**Sample ID**	MW18-14B	**Sampled by**	Kirk Vargas
Purge Start		**Gallons Purged**	1.00	**Replicate/ Code No.**			
Purge End							

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
10:00		200	20.73	0.00	13.17	3.4	94.8	6.54	17.15	-56	Colorless	None
10:05	5	200	22.44	0.00	13.41	3.79	81.9	2.75	17.08	-70	Colorless	None
10:10	5	200	23.02	0.00	13.49	3.89	80.4	1.99	16.26	-71	Colorless	None
10:15	5	200	23.1	0.00	13.02	3.87	68.5	1.95	17.15	-68	Colorless	None
10:20	5	200	23.14	0.00	13.46	3.9	58.2	1.38	17.44	-68	Colorless	None
10:25	5	200	23.14	0.00	13.47	3.86	57.5	1.44	17.43	-68	Colorless	None
10:30	5	200	23.14	0.00	13.44	3.84	57.6	1.44	17.41	-68	Colorless	None

Constituent Sampled	Container	Number	Preservative

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
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

ft-bmp = feet below measuring point
in = inches
mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-14C			**Date**	06/17/2020
Project Name/Location	CHGE Little Britain Road, New Windsor , NY					**Weather(°F)**	Sunny 70
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)**	156.2	**Gallons in Well**	25.38
MP Elevation		**Pump Intake (ft-bmp)**	177.5	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time		**Volumes Purged**	0.06	**Sample ID**	MW18-14C	**Sampled by**	Kirk Vargas
Purge Start		**Gallons Purged**	1.50	**Replicate/ Code No.**			
Purge End							

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
08:40		200	28.8	0.00	8.22	1.15	0	0.24	14.72	98	Colorless	None
08:45	5	200	33.6	0.00	7.7	1.12	0	0	15.62	54	Colorless	None
08:50	5	200	33.72	0.00	7.6	1.12	0	0	15.68	48	Colorless	None
08:55	5	200	33.8	0.00	7.32	1.04	0	0	15.7	98	Colorless	None
09:00	5	200	33.8	0.00	7.6	1.03	0	0	15.82	84	Colorless	None
09:05	5	200	33.8	0.00	7.57	1.02	0	0	15.85	84	Colorless	None
09:10	5	200	33.8	0.00	7.55	1.02	0	0	15.86	86	Colorless	None

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
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

ft-bmp = feet below measuring point
in = inches
mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-14A			**Date**	06/17/2020
Project Name/Location	CHGE Little Britain Road, New Windsor , NY					**Weather(°F)**	Sunny 70
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	8.93	**Total Depth (ft-bmp)**	16	**Water Column(ft)**	7.07	**Gallons in Well**	1.15
MP Elevation		**Pump Intake (ft-bmp)**	14.5	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time		**Volumes Purged**	1.04	**Sample ID**	MW18-14A	**Sampled by**	Kirk Vargas
Purge Start		**Gallons Purged**	1.20	**Replicate/ Code No.**			
Purge End							

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
11:15		200	8.93	0.00	8.72	1.08	1000	0	19.84	-81	Colorless	None
11:20	5	200	9.43	0.00	8.39	1.09	965	0	20.14	-60	Colorless	None
11:25	5	200	9.57	0.00	8.16	1.26	699	0	19.78	-56	Colorless	None
11:30	5	200	9.88	0.00	7.86	1.28	284	0	17.24	-63	Colorless	None
11:35	5	200	9.9	0.00	7.77	1.22	232	0	18.42	-66	Colorless	None
11:40	5	200	9.96	0.00	7.65	1.26	152	0	18.65	-71	Colorless	None
11:45	5	200	10	0.00	7.52	1.24	96.8	0	18.75	-77	Colorless	None
11:50	5	200	10	0.00	7.5	1.3	59.7	0	18.7	-76	Colorless	None
11:55	5	200	10	0.00	7.46	1.25	48.5	0	18.73	-76	Colorless	None

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:

Well Locked at Arrival: yes

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW96-6			**Date**	06/17/2020
Project Name/Location	CHGE Little Britain Road, New Windsor , NY					**Weather(°F)**	Sunny 70
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	12.63	**Total Depth (ft-bmp)**	33.75	**Water Column(ft)**	21.12	**Gallons in Well**	3.43
MP Elevation		**Pump Intake (ft-bmp)**	28.75	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time		**Volumes Purged**	0.36	**Sample ID**	MW96-6	**Sampled by**	Kirk Vargas
Purge Start		**Gallons Purged**	1.25	**Replicate/ Code No.**			
Purge End							

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
12:35		200	15.45	0.00	7.85	0.779	1000	0	16.88	93	Colorless	None
12:40	5	200	16	0.00	7.66	0.759	494	0	16.03	86	Colorless	None
12:45	5	200	16.22	0.00	7.59	0.761	350	0	17.65	85	Colorless	None
12:50	5	200	16.3	0.00	7.56	0.756	306	0	18.95	86	Colorless	None
12:55	5	200	16.34	0.00	7.54	0.766	216	0	18.88	86	Colorless	None
13:00	5	200	16.4	0.00	7.44	0.761	118	0	18.33	83	Colorless	None
13:05	5	200	16.4	0.00	7.53	0.757	93.2	0	19.06	83	Colorless	None
13:10	5	200	16.4	0.00	7.54	0.771	66	0	16.98	84	Colorless	None
13:15	5	200	16.4	0.00	7.53	0.755	59.5	0	17.75	83	Colorless	None
13:20	5	200	16.4	0.00	7.53	0.76	44.4	0	17.7	80	Colorless	None
13:25	5	200	16.4	0.00	7.52	0.753	43	0	17.72	78	Colorless	None

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-12A			**Date**	06/17/2020
Project Name/Location	CHGE Little Britain Road, New Windsor , NY					**Weather(°F)**	Sunny 70
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	10.52	**Total Depth (ft-bmp)**	15	**Water Column(ft)**	4.48	**Gallons in Well**	0.73
MP Elevation		**Pump Intake (ft-bmp)**	13	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time		**Volumes Purged**	1.64	**Sample ID**	MW18-12A	**Sampled by**	Kirk Vargas
Purge Start		**Gallons Purged**	1.20	**Replicate/ Code No.**			
Purge End							

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
14:05		200	10.98	0.00	7.76	2.31	0	15.27	20.88	146	Colorless	None
14:10	5	200	11	0.00	7.73	2.41	0	5.94	19.48	161	Colorless	None
14:15	5	200	11.12	0.00	7.63	2.5	849	5.25	18.83	170	Colorless	None
14:20	5	200	11.12	0.00	7.56	2.51	414	4.93	18.8	174	Colorless	None
14:25	5	200	11.18	0.00	7.48	2.49	109	3.96	19.45	175	Colorless	None
14:30	5	200	11.18	0.00	7.48	2.5	98.6	4.16	19.34	175	Colorless	None
14:35	5	200	11.18	0.00	7.46	2.44	56.3	4.2	19.38	175	Colorless	None
14:40	5	200	11.22	0.00	7.44	2.5	44.2	4.26	19.4	175	Colorless	None

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location:

Condition of Well: Good

Well Locked at Arrival: no

Well Locked at Departure: no

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-12B			**Date**	06/18/2020
Project Name/Location	CHGE- Little Britain Road/ 610 Little Britain Rd, New Windsor, NY					**Weather(°F)**	Sunny, 72F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	32.39	**Total Depth (ft-bmp)**	90.7	**Water Column(ft)**	58.31	**Gallons in Well**	9.47
MP Elevation		**Pump Intake (ft-bmp)**	86	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time		**Volumes Purged**	0.20	**Sample ID**	MW18-12B	**Sampled by**	Balele Sandaogo
Purge Start		**Gallons Purged**	1.85	**Replicate/ Code No.**	NA		
Purge End							

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
09:00		200	34.37	0.26	7.16	1.57	12.6	0.21	16.56	21	ND	ND
09:05	5	200	35.21	0.53	7.07	1.57	8.9	0.01	16.34	-16	ND	ND
09:10	5	200	36.18	0.79	7.12	1.57	6.6	0.01	17.15	-25	ND	ND
09:15	5	200	37.01	1.06	7.14	1.55	6.9	0.01	17.44	-25	ND	ND
09:20	5	200	37.89	1.32	7.1	1.55	6.2	0.01	17.45	-29	ND	ND
09:25	5	200	38.76	1.59	7.1	1.55	5.9	0.01	17.63	-32	ND	ND
09:30	5	200	39.41	1.85	7.12	1.56	5.8	0.01	17.9	-35	ND	ND

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: Onsite

Condition of Well: Good

Well Completion: Flush mount

Well Locked at Arrival: yes

Well Locked at Departure: yes

Key Number To Well: NA

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-12C			**Date**	06/18/2020
Project Name/Location	CHGE- Little Britain Road/ 610 Little Britain Rd, New Windsor, NY					**Weather(°F)**	Sunny, 72F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	31.86	**Total Depth (ft-bmp)**	188	**Water Column(ft)**	156.14	**Gallons in Well**	25.37
MP Elevation		**Pump Intake (ft-bmp)**	185	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time		**Volumes Purged**	0.07	**Sample ID**	MW18-12C	**Sampled by**	Balele Sandaogo
Purge Start		**Gallons Purged**	1.85	**Replicate/ Code No.**	NA		
Purge End							

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
09:53		200	32.81	0.00	7.65	4.1	16.7	0.09	20.55	-296	ND	ND
09:58	5	200	33.69	0.53	7.62	4.26	11.6	0.01	19.43	-313	ND	ND
10:03	5	200	34.8	0.79	7.56	4.17	8.9	0.01	19.09	-316	ND	ND
10:08	5	200	35.39	1.06	7.65	4.25	8.4	0.01	19.16	-326	ND	ND
10:13	5	200	36.28	1.32	7.66	4.27	7.6	0.01	17.89	-326	ND	ND
10:18	5	200	37.15	1.59	7.6	4.31	7.1	0.01	17.88	-333	ND	ND
10:23	5	200	38.04	1.85	7.59	4.33	6.9	0.01	17.47	-335	ND	ND

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: Onsite

Condition of Well: Good

Well Completion: Flush mount

Well Locked at Arrival: yes

Well Locked at Departure: yes

Key Number To Well: NA

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-10A			**Date**	06/18/2020
Project Name/Location	CHGE Little Britain Road, New Windsor , NY					**Weather(°F)**	Sunny 70
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	6.3	**Total Depth (ft-bmp)**	15	**Water Column(ft)**	8.7	**Gallons in Well**	1.41
MP Elevation		**Pump Intake (ft-bmp)**	13	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time		**Volumes Purged**	0.85	**Sample ID**	MW18-10A	**Sampled by**	Kirk Vargas
Purge Start		**Gallons Purged**	1.20	**Replicate/ Code No.**			
Purge End							

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
08:20		200	6.3	0.00	6.32	0.979	0	0	17.38	272	Brown	None
08:25	5	200	6.88	0.00	6.82	0.974	0	0	16.96	245	Brown	None
08:30	5	200	6.88	0.00	6.97	0.985	0	0	16.47	234	Brown	None
08:35	5	200	6.88	0.00	7.01	0.974	0	0	15.79	229	Brown	None
08:40	5	200	6.88	0.00	7.09	0.979	0	0	15.26	224	Brown	None
08:45	5	200	6.88	0.00	7.11	1.01	0	0	15.09	217	Brown	None
08:50	5	200	6.88	0.00	7.12	1.03	0	0	15.22	216	Brown	None
08:55	5	200	6.9	0.00	7.14	1.09	0	0	15.2	214	Brown	None

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
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

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-10B			**Date**	06/18/2020
Project Name/Location	CHGE Little Britain Road, New Windsor , NY					**Weather(°F)**	Sunny 70
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	28.74	**Total Depth (ft-bmp)**	51	**Water Column(ft)**	22.26	**Gallons in Well**	3.62
MP Elevation		**Pump Intake (ft-bmp)**	41	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time		**Volumes Purged**	0.35	**Sample ID**	MW18-10B	**Sampled by**	Kirk Vargas
Purge Start		**Gallons Purged**	1.25	**Replicate/ Code No.**			
Purge End							

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
10:20		200	28.96	0.00	7.96	0.856	592	0	19.11	123	Gray	None
10:25	5	200	29.02	0.00	7.84	0.844	314	0	18.18	81	Gray	None
10:30	5	200	29.02	0.00	7.77	0.845	252	0	17.7	55	Gray	None
10:35	5	200	29.02	0.00	7.72	0.809	234	0	17.46	24	Gray	None
10:40	5	200	29.09	0.00	7.7	0.772	116	0	17.78	5	Gray	None
10:45	5	200	29.1	0.00	7.69	0.741	107	0	17.75	-4	Gray	None
10:50	5	200	29.1	0.00	7.6	0.739	84.1	0	17.75	-6	Gray	None
10:55	5	200	29.1	0.00	7.67	0.737	71.1	0	17.79	-6	Gray	None

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
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

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-10C			**Date**	06/18/2020
Project Name/Location	CHGE Little Britain Road, New Windsor , NY					**Weather(°F)**	Sunny 70
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	24.81	**Total Depth (ft-bmp)**	185	**Water Column(ft)**	160.19	**Gallons in Well**	26.03
MP Elevation		**Pump Intake (ft-bmp)**	187.5	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time		**Volumes Purged**	0.05	**Sample ID**	MW18-10C	**Sampled by**	Kirk Vargas
Purge Start		**Gallons Purged**	1.20	**Replicate/ Code No.**			
Purge End							

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
11:30		200	27	0.00	8.02	0.823	183	0	14.37	-50	Colorless	None
11:35	5	200	27.68	0.00	7.98	0.832	2.9	0	15.15	-76	Colorless	None
11:40	5	200	27.77	0.00	7.94	0.814	41	0	16.88	-82	Colorless	None
11:45	5	200	27.8	0.00	7.92	0.831	42.7	0	17.53	-84	Colorless	None
11:49	4	200	27.8	0.00	7.96	812	15.9	0	14.32	-84	Colorless	None
11:55	6	200	27.9	0.00	7.91	0.753	5.6	0	15.81	-82	Colorless	None
12:00	5	200	27.9	0.00	7.89	0.775	4	0	14.69	-72	Colorless	None
12:05	5	200	27.9	0.00	7.91	0.773	4.2	0	14.65	-71	Colorless	None
12:10	5	200	27.9	0.00	7.89	0.771	3.8	0	14.61	-71	Colorless	None

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: _____

Well Locked at Arrival: _____

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-11B			**Date**	06/18/2020
Project Name/Location	CHGE Little Britain Road, New Windsor , NY					**Weather(°F)**	Sunny 70
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	28.19	**Total Depth (ft-bmp)**	44	**Water Column(ft)**	15.81	**Gallons in Well**	2.57
MP Elevation		**Pump Intake (ft-bmp)**	39	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time		**Volumes Purged**	0.39	**Sample ID**	MW18-11B	**Sampled by**	Kirk Vargas
Purge Start		**Gallons Purged**	1.00	**Replicate/ Code No.**			
Purge End							

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
14:20		200	28.78	0.00	8.5	0.669	1000	0	16.88	-78	Gray	None
14:25	5	200	28.78	0.00	8.36	0.674	687	0	17.96	-170	Gray	None
14:30	5	200	28.79	0.00	8.25	0.653	691	0	19.76	-171	Gray	None
14:35	5	200	28.79	0.00	8.23	0.657	971	0	20.45	-167	Gray	None
14:40	5	200	28.79	0.00	8.22	0.636	539	0	20.55	-171	Gray	None
14:45	5	200	28.79	0.00	8.22	0.64	352	0	20.59	171	Gray	None
14:50	5	200	28.8	0.00	8.22	0.642	412	0	20.6	-171	Gray	None

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
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

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 94-2B			**Date**	06/18/2020
Project Name/Location	CHGE- Little Britain Road/ 610 Little Britain Rd, New Windsor, NY					**Weather(°F)**	Sunny, 72F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	Steel
Static Water Level (ft-bmp)	14.22	**Total Depth (ft-bmp)**	17.7	**Water Column(ft)**	3.48	**Gallons in Well**	0.57
MP Elevation		**Pump Intake (ft-bmp)**	16.5	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time		**Volumes Purged**	4.17	**Sample ID**	MW97-2B	**Sampled by**	Balele Sandaogo
Purge Start		**Gallons Purged**	2.38	**Replicate/ Code No.**	NA		
Purge End							

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	14.22	0.26	6.97	1.19	756	0.18	18.8	-10	ND	ND
11:41	5	200	14.22	0.53	6.77	1.21	766	0.01	18.95	-3	ND	ND
11:46	5	200	14.22	0.79	6.74	1.28	731	0.01	17.52	7	ND	ND
11:51	5	200	14.22	1.06	6.73	1.31	707	0.01	16.15	12	ND	ND
11:56	5	200	14.22	1.32	6.73	1.36	534	0.01	16.08	15	ND	ND
12:01	5	200	14.22	1.59	6.72	1.33	436	0.01	16.66	16	ND	ND
12:06	5	200	14.22	1.85	6.7	1.44	411	0.01	13.98	24	ND	ND
12:11	5	200	14.22	2.11	6.7	1.45	397	0.01	14.03	29	ND	ND
12:16	5	200	14.22	2.38	6.7	1.47	389	0.01	14.11	29	ND	ND

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: Offsite by the entrance

Condition of Well: Good

Well Completion: Flush mount

Well Locked at Arrival: yes

Well Locked at Departure: yes

Key Number To Well: NA

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW06-2C			**Date**	06/19/2020
Project Name/Location	CHGE- Little Britain Road/ 610 Little Britain Rd, New Windsor, NY					**Weather(°F)**	Sunny, 72F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	4	**Well Casing Material**	Steel
Static Water Level (ft-bmp)	36.3	**Total Depth (ft-bmp)**	125	**Water Column(ft)**	88.7	**Gallons in Well**	57.65
MP Elevation		**Pump Intake (ft-bmp)**		**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time		**Volumes Purged**	0.03	**Sample ID**	MW06-2C	**Sampled by**	Balele Sandaogo
Purge Start		**Gallons Purged**	1.85	**Replicate/ Code No.**	NA		
Purge End							

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
08:33		200	37.01	0.26	6.97	1.12	5.8	0.23	14.44	-123	ND	ND
08:38	5	200	37.43	0.53	7	1.12	4.3	0.01	14.36	-142	ND	ND
08:43	5	200	37.85	0.79	7.01	1.12	4.2	0.01	14.64	-145	ND	ND
08:48	5	200	38.04	1.06	7.05	1.11	4.4	0.01	15.41	-146	ND	ND
08:53	5	200	38.04	1.32	7	1.12	4.2	0.01	15.66	-146	ND	ND
08:58	5	200	38.46	1.59	7	1.12	4.3	0.01	15.33	-144	ND	ND
09:03	5	200	38.79	1.85	7	1.11	4.6	0.01	15.24	-139	ND	ND

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: In the grass by the entrance

Condition of Well: Good

Well Completion: Flush mount

Well Locked at Arrival: yes

Well Locked at Departure: yes

Key Number To Well: NA

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW06-9C			**Date**	06/19/2020
Project Name/Location	CHGE- Little Britain Road/ 610 Little Britain Rd, New Windsor, NY					**Weather(°F)**	Sunny, 72F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	4	**Well Casing Material**	Steel
Static Water Level (ft-bmp)	55.48	**Total Depth (ft-bmp)**	125	**Water Column(ft)**	69.52	**Gallons in Well**	45.19
MP Elevation		**Pump Intake (ft-bmp)**	122	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time		**Volumes Purged**		**Sample ID**	MW6-9C	**Sampled by**	Balele Sandaogo
Purge Start		**Gallons Purged**		**Replicate/ Code No.**	ND		
Purge End							

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
10:28		200	55.64	0.26	11.72	0.831	18.3	0.14	16.27	-65	ND	ND
10:33	5	200	55.89	0.53	11.65	0.835	13.1	0.01	16.02	-67	ND	ND
10:38	5	200	55.97	0.79	11.61	0.837	9	0.01	15.8	-67	ND	ND
10:43	5	200	56.06	1.06	11.64	0.839	7.2	0.01	15.68	-65	ND	ND
10:48	5	200	56.13	1.32	11.6	0.839	6.4	0.01	15.75	-65	ND	ND
10:53	5	200	56.19	1.59	11.61	0.838	6.2	0.01	15.84	-66	ND	ND
10:58	5	200	56.29	1.85	11.64	0.835	5.9	0.01	15.55	-64	ND	ND

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: Uphill parking lot

Condition of Well: Good

Well Completion: Stick-up

Well Locked at Arrival: yes

Well Locked at Departure: yes

Key Number To Well: NA

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-11C			**Date**	06/19/2020
Project Name/Location	CHGE Little Britain Road, New Windsor , NY					**Weather(°F)**	Sunny 70
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	29.15	**Total Depth (ft-bmp)**	185	**Water Column(ft)**	155.85	**Gallons in Well**	25.32
MP Elevation		**Pump Intake (ft-bmp)**	177.5	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time		**Volumes Purged**	0.04	**Sample ID**	MW18-11C	**Sampled by**	Kirk Vargas
Purge Start		**Gallons Purged**	1.00	**Replicate/ Code No.**			
Purge End							

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
10:00		200	32.08	0.00	8.3	0.704	64.9	0	14.48	-93	Colorless	None
10:05	5	200	32.6	0.00	8	0.649	18.6	0	18.51	-109	Colorless	None
10:10	5	200	32.64	0.00	7.92	0.664	17.9	0	18.77	-117	Colorless	None
10:15	5	200	32.66	0.00	7.88	0.652	17.2	0	18.67	-121	Colorless	None
10:20	5	200	32.66	0.00	7.85	0.665	14.6	0	18.65	-123	Colorless	None
10:25	5	200	32.68	0.00	7.87	0.667	14	0	18.62	-122	Colorless	None
10:30	6	200	32.68	0.00	7.88	0.67	14	0	18.69	-122	Colorless	None

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
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

ft-bmp = feet below measuring point
in = inches
mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-11A			**Date**	06/19/2020
Project Name/Location	CHGE Little Britain Road, New Windsor , NY					**Weather(°F)**	Sunny 70
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	2	**Well Casing Material**	PVC
Static Water Level (ft-bmp)	8	**Total Depth (ft-bmp)**	17	**Water Column(ft)**	9	**Gallons in Well**	1.46
MP Elevation		**Pump Intake (ft-bmp)**	12	**Purge Method**	Low-Flow	**Sample Method**	Grab
Sample Time		**Volumes Purged**	0.68	**Sample ID**	MW18-11A	**Sampled by**	Kirk Vargas
Purge Start		**Gallons Purged**	1.00	**Replicate/ Code No.**			
Purge End							

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
11:40		200	8	0.00	8.1	0.392	0	2.2	19.91	-57	Colorless	None
11:45	5	200	8.32	0.00	7.84	0.444	1000	0	18.49	-60	Colorless	None
11:50	5	200	8.45	0.00	7.72	0.42	995	0	18.67	-68	Colorless	None
11:55	5	200	8.5	0.00	7.67	0.423	660	0	18.6	-77	Colorless	None
12:00	5	200	8.5	0.00	7.65	0.438	390	0	18.62	-80	Colorless	None
12:05	5	200	8.5	0.00	7.62	0.435	202	0	18.17	-85	Colorless	None
12:10	5	200	8.5	0.00	7.62	0.431	139	0	18.13	-85	Colorless	None

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
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

ft-bmp = feet below measuring point
in = inches
mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U
mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW18-8D			**Date**	06/19/2020
Project Name/Location	CHGE- Little Britain Road/ 610 Little Britain Rd, New Windsor, NY					**Weather(°F)**	Sunny, 76F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**	4	**Well Casing Material**	Steel
Static Water Level (ft-bmp)	15.03	**Total Depth (ft-bmp)**	85.8	**Water Column(ft)**	70.77	**Gallons in Well**	46
MP Elevation		**Pump Intake (ft-bmp)**	82	**Purge Method**	Low-Flow	**Sample Method**	Low-Flow
Sample Time		**Volumes Purged**	0.04	**Sample ID**	MW18-8D	**Sampled by**	Balele Sandaogo
Purge Start		**Gallons Purged**	1.85	**Replicate/ Code No.**	NA		
Purge End							

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
13:28		200	19.88	0.26	14	10.6	38.4	5.27	16.99	-124	ND	ND
13:33	5	200	21.11	0.53	14	10.2	39.4	4.58	19.43	-120	ND	ND
13:38	5	200	22.34	0.79	14	10.3	38.9	1.78	17.94	-117	ND	ND
13:43	5	200	23.78	1.06	14	10.3	39.3	1.56	19.81	-112	ND	ND
13:48	5	200	25.01	1.32	14	10.1	40.2	1.79	19.91	-109	ND	ND
13:53	5	200	26.22	1.59	14	10.2	38.1	1.73	19.39	-105	ND	ND
13:58	5	200	28.89	1.85	14	10.4	39.7	1.76	19.56	-101	ND	ND

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: By the fence - onsite

Condition of Well: Good

Well Completion: Stick-up

Well Locked at Arrival: yes

Well Locked at Departure: yes

Key Number To Well: NA

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

ARCADIS Design & Consultancy for natural and built assets

Project Number	30003743	**Well ID**	MW 18-8E			**Date**	6/16/2020
Project Name/Location	CHGE- Little Britain Road/ 610 Little Britain Rd, New Windsor, NY					**Weather(°F)**	Sunny, 76F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**		**Well Casing Material**	Steel
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**	Hydrasleeve
Sample Time	11:15	**Volumes Purged**		**Sample ID**	MW 18-8E	**Sampled by**	Kirk vargas
Purge Start		**Gallons Purged**		**Replicate/ Code No.**			
Purge End							

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

Constituent Sampled	Container	Number	Preservative
VOCs	40 mL Glass	3	HCL

Comments:

Well Casing Volume Conversion

Well diameter (inches) = gallons per foot

1 = 0.04 1.5 = 0.09 2.5 = 0.26 3.5 = 0.50 6 = 1.47
1.25 = 0.06 2 = 0.16 3 = 0.37 4 = 0.65

Well Information

Well Location: Onsite parking lot

Condition of Well: Good

Well Completion: Flush mount

Well Locked at Arrival: no

Well Locked at Departure: no

Key Number To Well: NA

ft-bmp = feet below measuring point
in = inches

mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity U

mV = millivolts

Groundwater Sampling Form

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Project Number	30003743	**Well ID**	MW 18-8F			**Date**	6/16/2020
Project Name/Location	CHGE- Little Britain Road/ 610 Little Britain Rd, New Windsor, NY					**Weather(°F)**	Sunny, 76F
Measuring Pt. Description	Top of Casing	**Screen Setting (ft-bmp)**	--	**Casing Diameter (in)**		**Well Casing Material**	Steel
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**	Hydrasleeve
Sample Time	11:45	**Volumes Purged**		**Sample ID**	MW 18-8F	**Sampled by**	Kirk vargas
Purge Start		**Gallons Purged**		**Replicate/ Code No.**			
Purge End							

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

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