



Submitted via email

February 25, 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
December 2019 – 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 December 10 and 13, 2019.

Groundwater Sampling Event

For the sampling event, each sampled well was purged by pumping a minimum of five well volumes of water or until pumped dry. All purge water was placed in a properly labeled 55-gallon drum for disposal. Water chemistry parameters were monitored during the well purging including water temperature, pH, turbidity, dissolved oxygen, redox potential, and electromagnetic conductance. Immediately following purging, representative groundwater samples were collected from each well using a pump maintaining a constant low flow discharge rate. Each sample was containerized in laboratory-supplied jars and couriered under chain of custody to Test America Laboratories for analysis. The samples were analyzed for volatile organic compounds (VOCs) via United States Department of Environmental Protection Agency Method 8260. Additionally, 11 samples were analyzed for an expanded parameter list including semi-volatile organic compounds (SVOCs), herbicides, pesticides, polychlorinated biphenyls (PCBs), and total metals, via USEPA Methods 8270D, 8151A, 8081B, 8082A, and 6020B, respectively. Copies of the groundwater sampling water chemistry data (field notes) are attached. Electronic data delivery files containing the laboratory results were electronically submitted to the NYSDEC on February 13, 2020.

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	9/21/95	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	
		294.39	25.45	271.33	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	
MW94-2	Overburden	298.2	4-14 bgs	294.2 - 284.2	297.87	5/22/17	10.21	286.46	14 / 284.2

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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	
						6/18/03	8.05	292.81	
						12/3/03	6.55	294.31	
					300.86 ^a	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	
					300.3				

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Lake Washington Stilling Basin ^c	Surface Water				290.02	8/21/95	0.90	289.12		
						9/18/95	1.23	288.79		
						6/12/01	-0.25	290.27		
						9/26/01	0.25	289.77		
						12/17/01	0.42	289.60		
						3/19/02	-0.13	290.15		
						6/19/02	-0.50	290.52		
						9/26/02	0.08	289.94		
						12/16/02	Not Measured - See Note e			
						6/18/03	-0.58	290.60		
						12/3/03	-0.50	290.52		
						6/8/04	-0.33	290.35		
						12/16/04	Not Measured - See Note e			
						6/22/05	0.26	289.76		
						12/13/05	Not Measured - See Note e			
						8/28/06	Not Measured - See Note f			
						12/18/06	-0.40	290.42		
						3/27/07	Not Measured - See Note f			
						6/11/07	-0.40	290.42		
						5/22/2017	Measuring point under water			
						12/10/19	Not Measured - See Note e			
SG-1 Lake Washington Stilling Basin	Surface Water				293.93	10/29/2018	Dry	NA	Not Applicable	
Lake Washington ^d	Surface Water									

Figures

