



BY ELECTRONIC MAIL

May 24, 2023

Clyde Hunter, Library Manager
Major Hillard Library
824 Old George Washington Highway North
Chesapeake, VA 23323
chunter@chesapeakelibrary.org

**RE: Data Repository
Chesapeake Energy Center
2701 Vepco Street
Chesapeake, Virginia 23323**

Dear Mr. Hunter:

Please find attached one document related to Dominion Energy's Chesapeake Energy Center (CEC) industrial landfill. The Major Hillard Library is the public data repository for information submitted by Dominion Energy to the Virginia Department of Environmental Quality relating to the CEC landfill Corrective Action Monitoring Program (CAMP). Throughout the life of the program, Dominion Energy will place on file with the library copies of associated materials, which should be made available for public viewing until Dominion Energy provides notice. Please include the following document with related CEC materials currently being held for public viewing at the library:

*Summary of Corrective Action Monitoring Data
2023 1st Semi-Annual Monitoring (March 27-30, 2023)
Chesapeake Energy Center Landfill – Permit No. 440
Chesapeake, Virginia*

Thank you for your assistance and please do not hesitate to call Zack Oremland of Dominion Energy's Environmental Department at (804) 346-6622 should there be any questions and/or comments.

Sincerely,

A handwritten signature in black ink, appearing to read "Dennis A. Slade".

Dennis A. Slade
Manager, Environmental

Attachment

ecc (cover letter only):

TRO.LandProtection@deq.virginia.gov

Geoff Christe, VA DEQ – geoff.christe@deq.virginia.gov

Rachel Patton, VA DEQ – rachel.patton@deq.virginia.gov

Table 1
Summary of Corrective Action Monitoring Data
2023 1st Semi-Annual Monitoring Event (March 27-30, 2023)
Chesapeake Energy Center Industrial Landfill - Permit #440
Chesapeake, Virginia

Groundwater Monitoring Wells

Sample ID: Sample Date:	MW-5 3/27/2023				MW-5D 3/27/2023				CECW-1 3/27/2023				CECW-1D 3/27/2023				CECW-2 3/28/2023				CECW-2D 3/28/2023				CECW-3 3/28/2023				CECW-3D 3/27/2023				CECW-6I 3/27/2023						
	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL			
Primary Performance Parameters (µg/L)																																							
Antimony, total	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	NS	--	--	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0
Antimony, dissolved	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	NS	--	--	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0
Arsenic, total	5.2		0.75	5.0	2.5	J	0.75	5.0	270	J	0.75	5.0	57		0.75	5.0	6.9		0.75	5.0	160		0.75	5.0	150		0.75	5.0	NS	--	--	240		0.75	5.0	170		0.75	5.0
Arsenic, dissolved	5.4		0.75	5.0	2.9	J	0.75	5.0	1200	J	0.75	5.0	41		0.75	5.0	1.9	J	0.75	5.0	150		0.75	5.0	150		0.75	5.0	NS	--	--	220		0.75	5.0	180		0.75	5.0
Arsenic III (dissolved)	2.7		0.26	0.50	1.9		0.26	0.50	920		0.26	0.50	19		0.26	0.50	24		0.26	0.50	130		0.26	0.50	130		0.26	0.50	NS	--	--	130		3.1	6.0	130		3.8	7.5
Arsenic V (dissolved)	3.0		0.35	0.50	< 0.35	U	0.35	0.50	480		0.35	0.50	86		130	15		2.6	3.8	< 0.35	U	0.35	0.50	< 13	U	13	19	NS	--	--	< 5.2	U	5.2	7.5	50		17	25	
Beryllium, total	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	0.95	J	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	NS	--	--	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0
Beryllium, dissolved	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	NS	--	--	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0
Cobalt, total	0.64	J	0.19	1.0	4.2		0.19	1.0	0.34	J	0.19	1.0	0.39	J	0.19	1.0	5.4		0.19	1.0	< 0.19	U	0.19	1.0	< 0.19	U	0.19	1.0	NS	--	--	< 0.19	U	0.19	1.0	1.8		0.19	1.0
Cobalt, dissolved	0.53	J	0.19	1.0	4.0		0.19	1.0	< 0.19	U	0.19	1.0	0.40	J	0.19	1.0	0.24	J	0.19	1.0	< 0.19	U	0.19	1.0	< 0.19	U	0.19	1.0	NS	--	--	< 0.19	U	0.19	1.0	1.9		0.19	1.0
Selenium, total	0.96	J	0.89	5.0	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0	NS	--	--	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0
Selenium, dissolved	< 0.89	U	0.89	5.0	1.0	J	0.89	5.0	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0	NS	--	--	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0
Sulfide, total (mg/L)	< 1.4	U	1.4	3.0	< 1.4	U	1.4	3.0	< 1.4	U	1.4	3.0	< 1.4	U	1.4	3.0	< 1.4	U	1.4	3.0	< 1.4	U	1.4	3.0	< 1.4	U	1.4	3.0	NS	--	--	< 1.4	U	1.4	3.0	< 1.4	U	1.4	3.0
Sulfide, dissolved (mg/L)	< 1.4	U	1.4	3.0	< 1.4	U	1.4	3.0	< 1.4	U	1.4	3.0	< 1.4	U	1.4	3.0	< 1.4	U	1.4	3.0	< 1.4	U	1.4	3.0	< 1.4	U	1.4	3.0	NS	--	--	< 1.4	U	1.4	3.0	< 1.4	U	1.4	3.0
beta-BHC	< 0.0092	U	0.0092	0.050	< 0.0091	U	0.0091	0.049	< 0.0095	U	0.0095	0.051	< 0.0090	U	0.0090	0.049	< 0.0092	U	0.0092	0.050	< 0.0091	U	0.0091	0.049	< 0.0091	U	0.0091	0.049	NS	--	--	< 0.0089	U	0.0089	0.048	< 0.0089	U	0.0089	0.048
Performance Parameters (µg/L)																																							
Iron, total	2900		47	100	4300		47	100	3900		47	100	8200		47	100	11000		47	100	7800		47	100	7800		47	100	NS	--	--	100		47	100	10000		47	100
Iron, dissolved	2900		47	100	3900		47	100	2300		47	100	7400		47	100	3800		47	100	7300		47	100	7300		47	100	NS	--	--	65	J	47	100	10000		47	100
Manganese, total	35		6.2	10	210		6.2	10	110		6.2	10	380		6.2	10	89		6.2	10	200		6.2	10	200		6.2	10	NS	--	--	12		6.2	10	210		6.2	10
Field Measurements																																							
Dissolved Oxygen (mg/L)	0.97		0.01	0.01	0.24		0.01	0.01	0.53		0.01	0.01	0.78		0.01	0.01	0.20		0.01	0.01	0.14		0.01	0.01	0.14		0.01	0.01	--	--	--	0.18		0.01	0.01	2.46		0.01	0.01
Oxidation Reduction Potential (mV)	71.2		0.1	0.1	27.0		0.1	0.1	-27.2		0.1	0.1	-11.8		0.1	0.1	-31.8		0.1	0.1	-85.5		0.1	0.1	-85.5		0.1	0.1	--	--	--	-135.2		0.1	0.1	-34.9		0.1	0.1
pH (S.U.)	5.67		0.01	0.01	6.28		0.01	0.01	6.54		0.01	0.01	6.55		0.01	0.01	5.84		0.01	0.01	6.66		0.01	0.01	6.66		0.01	0.01	--	--	--	7.52		0.01	0.01	6.51		0.01	0.01
Specific Conductance (uS/cm)	283.0		0.1	0.1	2587		0.1	0.1	2040		0.1	0.1	8040		0.1	0.1	3218		0.1	0.1	20343		0.1	0.1	20343		0.1	0.1	--	--	--	1216		0.1	0.1	3179		0.1	0.1
Temperature (Degrees Celsius)	15.5		0.1	0.1	17.9		0.1	0.1	16.5		0.1	0.1	17.6		0.1	0.1	15.6		0.1	0.1	17.1		0.1	0.1	17.1		0.1	0.1	--	--	--	18.1		0.1	0.1	18.0		0.1	0.1
Turbidity (NTU)	9.64		0.01	0.01	7.95		0.01	0.01	15.77		0.01	0.01	9.16		0.01	0.01	363.97		0.01	0.01	5.89		0.01	0.01	5.89		0.01	0.01	--	--	--	2.26		0.01	0.01	3.04		0.01	0.01

Groundwater Monitoring Wells

Sample ID: Sample Date:	CECW-6D 3/27/2023				CECW-8 3/30/2023				CECW-8D 3/29/2023				CECW-10R 3/29/2023				CECW-15 3/29/2023				PO-8 3/29/2023				PO-8D 3/29/2023				PO-10 3/30/2023				PO-10D 3/30/2023							
	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL				
Primary Performance Parameters (µg/L)																																								
Antimony, total	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	1.1	J	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	1.8	J	0.57	2.0
Antimony, dissolved	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	NS	--	--	< 0.57	U	0.57	2.0	0.78	J	0.57	2.0	
Arsenic, total	76		0.75	5.0	9.7		0.75	5.0	480		0.75	5.0	36		0.75	5.0	1.6	J	0.75	5.0	19		0.75	5.0	5.0		0.75	5.0	NS	--	--	84		0.75	5.0	170		0.75	5.0	
Arsenic, dissolved	71		0.75	5.0	9.4		0.75	5.0	110		0.75	5.0	29		0.75	5.0	1.1	J	0.75	5.0	14		0.75	5.0	14		0.75	5.0	NS	--	--	3.5	J	0.75	5.0	69		0.75	5.0	
Arsenic III (dissolved)	58		3.8	7.5	3.8		0.26	0.50	94		3.8	7.5	25		1.3	2.5	0.59		0.26	0.50	11		0.51	1.0	11		0.51	1.0	NS	--	--	2.7		0.26	0.50	120		2.6	5.0	
Arsenic V (dissolved)	13		3.5	5.0	< 0.35	U	0.35	0.50	< 10	U	10	15	< 2.6	U	2.6	3.8	< 0.35	U	0.35	0.50	1.0		0.35	0.50	1.0		0.35	0.50	NS	--	--	< 13	U	13	19	< 6.9	U	6.9	10	
Beryllium, total	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	NS	--	--	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	
Beryllium, dissolved	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	NS	--	--	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	
Cobalt, total	5.4		0.19	1.0	0.33	J	0.19	1.0	0.92	J	0.19	1.0	0.19		0.19	1.0	1.3		0.19	1.0	< 0.19	U	0.19	1.0	< 0.19	U	0.19	1.0	NS	--	--	15		0.19	1.0	0.20	J	0.19	1.0	
Cobalt, dissolved	5.6		0.19	1.0	< 0.19	U	0.19	1.0	0.39	J	0.19	1.0	< 0.19	U	0.19	1.0	1.4		0.19	1.0	< 0.19	U	0.19	1.0	< 0.19	U	0.19	1.0	NS	--	--	16		0.19	1.0	< 0.19	U	0.19	1.0	
Selenium, total	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0	1.8	J	0.89	5.0																												

Table 1
Summary of Corrective Action Monitoring Data
2023 1st Semi-Annual Monitoring Event (March 27-30, 2023)
Chesapeake Energy Center Industrial Landfill - Permit #440
Chesapeake, Virginia

Groundwater Monitoring Wells

Sample ID: Sample Date:	CECW-6I DUP 3/27/2023				FIELD BLANK 3/29/2023			
	Result	Qual	MDL	RL	Result	Qual	MDL	RL
Primary Performance Parameters (µg/L)								
Antimony, total	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0
Antimony, dissolved	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0
Arsenic, total	170		0.75	5.0	< 0.75	U	0.75	5.0
Arsenic, dissolved	170		0.75	5.0	< 0.75	U	0.75	5.0
Arsenic III (dissolved)	140		3.8	7.5	< 0.26	U	0.26	0.50
Arsenic V (dissolved)	30		6.9	10	< 0.35	U	0.35	0.50
Beryllium, total	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0
Beryllium, dissolved	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0
Cobalt, total	1.9		0.19	1.0	< 0.19	U	0.19	1.0
Cobalt, dissolved	1.8		0.19	1.0	< 0.19	U	0.19	1.0
Selenium, total	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0
Selenium, dissolved	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0
Sulfide, total (mg/L)	< 1.4	U	1.4	3.0	< 1.4	UJ	1.4	3.0
Sulfide, dissolved (mg/L)	< 1.4	U	1.4	3.0	< 1.4	U	1.4	3.0
beta-BHC	< 0.0089	U	0.0089	0.048	< 0.0089	U	0.0089	0.048
Performance Parameters (µg/L)								
Iron, total	10000		47	100	< 47	U	47	100
Iron, dissolved	10000		47	100	< 47	U	47	100
Manganese, total	210		6.2	10	< 6.2	U	6.2	10
Field Measurements								
Dissolved Oxygen (mg/L)	--		--	--	--		--	--
Oxidation Reduction Potential (mV)	--		--	--	--		--	--
pH (S.U.)	--		--	--	--		--	--
Specific Conductance (uS/cm)	--		--	--	--		--	--
Temperature (Degrees Celsius)	--		--	--	--		--	--
Turbidity (NTU)	--		--	--	--		--	--

Notes

< = Less than or equal to reporting MDL
 NS = Not sampled, insufficient water
 mV = Millivolt
 S.U. = Standard Unit

uS/cm = MicroSiemen per centimeter
 NTU = Nephelometric Turbidity Unit
Bold font = Detected concentration

Laboratory Data Qualifiers (Qual):

U = The analyte was not detected above the level of the sample reporting limit.
 J = Quantitation is approximate due to limitations identified during data validation.
 UJ = The analyte was not detected; the reporting limit is approximate and may be inaccurate or imprecise.

Table 1
Summary of Corrective Action Monitoring Data
2023 1st Semi-Annual Monitoring Event (March 27-30, 2023)
Chesapeake Energy Center Industrial Landfill - Permit #440
Chesapeake, Virginia

Surface Water

Sample ID: Sample Date:	SW-1 3/30/2023				SW-2 3/30/2023				SW-3 3/30/2023				SW-4 3/30/2023				SW-3 DUP 3/30/2023				FIELD BLANK 3/30/2023			
	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL	Result	Qual	MDL	RL
Primary Constituents (µg/L)																								
Antimony, total	< 0.57	U	0.57	2.0	0.81	J	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0
Antimony, dissolved	0.73	J	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0	< 0.57	U	0.57	2.0
Arsenic, total	1.7	J	0.75	5.0	1.6	J	0.75	5.0	1.3	J	0.75	5.0	1.6	J	0.75	5.0	1.2	J	0.75	5.0	< 0.75	U	0.75	5.0
Arsenic, dissolved	1.8	J	0.75	5.0	1.7	J	0.75	5.0	1.1	J	0.75	5.0	< 0.75	U	0.75	5.0	1.5	J	0.75	5.0	< 0.75	U	0.75	5.0
Arsenic III (dissolved)	< 0.26	U	0.26	0.50	< 0.26	U	0.26	0.50	< 0.26	U	0.26	0.50	< 0.26	U	0.26	0.50	< 0.26	U	0.26	0.50	< 0.26	U	0.26	0.50
Arsenic V (dissolved)	0.47	J	0.35	0.50	0.58	J	0.35	0.50	0.46	J	0.35	0.50	0.38	J	0.35	0.50	< 0.35	U	0.35	0.50	< 0.35	U	0.35	0.50
Beryllium, total	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0	< 0.62	U	0.62	1.0
Boron, total	2300		57	100	2500		57	100	2300		57	100	2600		57	100	2300		57	100	< 57	U	57	100
Boron, dissolved	2400		57	100	2600		57	100	2300		57	100	2400		57	100	2300		57	100	< 57	U	57	100
Cadmium, total	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0
Cadmium, dissolved	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0
Chromium, total	< 2.5	U	2.5	5.0	< 2.5	U	2.5	5.0	< 2.5	U	2.5	5.0	< 2.5	U	2.5	5.0	< 2.5	U	2.5	5.0	< 2.5	U	2.5	5.0
Chromium, dissolved	< 2.5	U	2.5	5.0	< 2.5	U	2.5	5.0	< 2.5	U	2.5	5.0	< 2.5	U	2.5	5.0	< 2.5	U	2.5	5.0	< 2.5	U	2.5	5.0
Chromium hexavalent, total (mg/L)	< 0.005	U	0.005	0.005	< 0.005	U	0.005	0.005	< 0.005	U	0.005	0.005	< 0.005	U	0.005	0.005	< 0.005	U	0.005	0.005	< 0.005	U	0.005	0.005
Chromium hexavalent, dissolved (mg/L)	< 0.005	U	0.005	0.005	< 0.005	U	0.005	0.005	< 0.005	U	0.005	0.005	< 0.005	U	0.005	0.005	< 0.005	U	0.005	0.005	< 0.005	U	0.005	0.005
Chromium trivalent, total (mg/L)	< 0.0070	U	0.0070	0.020	< 0.0070	U	0.0070	0.020	< 0.0070	U	0.0070	0.020	< 0.0070	U	0.0070	0.020	< 0.0070	U	0.0070	0.020	< 0.0070	U	0.0070	0.020
Chromium trivalent, dissolved (mg/L)	< 0.0070	U	0.0070	0.020	< 0.0070	U	0.0070	0.020	< 0.0070	U	0.0070	0.020	< 0.0070	U	0.0070	0.020	< 0.0070	U	0.0070	0.020	< 0.0070	U	0.0070	0.020
Cobalt, total	0.45	J	0.19	1.0	0.42	J	0.19	1.0	0.34	J	0.19	1.0	0.28	J	0.19	1.0	0.34	J	0.19	1.0	< 0.19	U	0.19	1.0
Copper, total	2.9		1.7	2.0	3.0		1.7	2.0	2.8		1.7	2.0	2.9		1.7	2.0	2.9		1.7	2.0	< 1.7	U	1.7	2.0
Copper, dissolved	2.8		1.7	2.0	2.8		1.7	2.0	2.6		1.7	2.0	2.9		1.7	2.0	2.6		1.7	2.0	< 1.7	U	1.7	2.0
Lead, total	0.46	J	0.45	1.0	0.51	J	0.45	1.0	< 0.45	U	0.45	1.0	< 0.45	U	0.45	1.0	< 0.45	U	0.45	1.0	< 0.45	U	0.45	1.0
Lead, dissolved	< 0.45	U	0.45	1.0	< 0.45	U	0.45	1.0	< 0.45	U	0.45	1.0	< 0.45	U	0.45	1.0	< 0.45	U	0.45	1.0	< 0.45	U	0.45	1.0
Mercury, total	< 0.13	U	0.13	0.20	< 0.13	U	0.13	0.20	< 0.13	U	0.13	0.20	< 0.13	U	0.13	0.20	< 0.13	U	0.13	0.20	< 0.13	U	0.13	0.20
Mercury, dissolved	< 0.13	U	0.13	0.20	< 0.13	U	0.13	0.20	< 0.13	U	0.13	0.20	< 0.13	U	0.13	0.20	< 0.13	U	0.13	0.20	< 0.13	U	0.13	0.20
Nickel, total	< 1.5	U	1.5	2.0	< 1.5	U	1.5	2.0	< 1.5	U	1.5	2.0	< 1.5	U	1.5	2.0	< 1.5	U	1.5	2.0	< 1.5	U	1.5	2.0
Nickel, dissolved	< 1.5	U	1.5	2.0	< 1.5	U	1.5	2.0	< 1.5	U	1.5	2.0	< 1.5	U	1.5	2.0	< 1.5	U	1.5	2.0	< 1.5	U	1.5	2.0
Selenium, total	1.1	J	0.89	5.0	1.2	J	0.89	5.0	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0
Selenium, dissolved	1.1	J	0.89	5.0	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0	< 0.89	U	0.89	5.0
Silver, total	< 0.053	U	0.053	1.0	< 0.053	U	0.053	1.0	< 0.053	U	0.053	1.0	< 0.053	U	0.053	1.0	< 0.053	U	0.053	1.0	< 0.053	U	0.053	1.0
Silver, dissolved	< 0.053	U	0.053	1.0	< 0.053	U	0.053	1.0	< 0.053	U	0.053	1.0	< 0.053	U	0.053	1.0	< 0.053	U	0.053	1.0	< 0.053	U	0.053	1.0
Sulfide, total (mg/L)	< 1.4	UJ	1.4	3.0	< 1.4	UJ	1.4	3.0	< 1.4	UJ	1.4	3.0	< 1.4	UJ	1.4	3.0	< 1.4	UJ	1.4	3.0	< 1.4	U	1.4	3.0
Thallium, total	0.24	J	0.20	1.0	0.30	J	0.20	1.0	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0
Thallium, dissolved	0.24	J	0.20	1.0	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0	< 0.20	U	0.20	1.0
Zinc, total	< 15	U	15	20	< 15	U	15	20	< 15	U	15	20	< 15	U	15	20	< 15	U	15	20	< 15	U	15	20
Zinc, dissolved	< 15	U	15	20	< 15	U	15	20	< 15	U	15	20	< 15	U	15	20	< 15	U	15	20	< 15	U	15	20
beta-BHC	< 0.0090	U	0.0090	0.049	< 0.0093	U	0.0093	0.050	< 0.0093	U	0.0093	0.050	< 0.0091	U	0.0091	0.049	< 0.0091	U	0.0091	0.049	< 0.0089	U	0.0089	0.048
Performance Parameters (µg/L)																								
Iron, total	390		47	100	340		47	100	390		47	100	320		47	100	380		47	100	< 47	U	47	100
Total Suspended Solids (mg/L)	17		2.0	8.0	11		1.0	4.0	8.1		1.0	4.0	8.4		1.0	4.0	7.6		1.0	4.0	< 1.0	U	1.0	4.0
Field Measurements																								
Dissolved Oxygen (mg/L)	9.36		0.01	0.01	9.68		0.01	0.01	9.85		0.01	0.01	9.87		0.01	0.01	--		--	--	--	--	--	--
Oxidation Reduction Potential (mV)	79.3		0.1	0.1	165.9		0.1	0.1	124.7		0.1	0.1	110.3		0.1	0.1	--		--	--	--	--	--	--
pH (S.U.)	7.45		0.01	0.01	7.34		0.01	0.01	7.38		0.01	0.01	7.44		0.01	0.01	--		--	--	--	--	--	--
Specific Conductance (µS/cm)	25456		0.1	0.1	27838		0.1	0.1	25247		0.1	0.1	27452		0.1	0.1	--		--	--	--	--	--	--
Temperature (Degrees Celsius)	13.6		0.1	0.1	13.5		0.1	0.1	13.0		0.1	0.1	12.8		0.1	0.1	--		--	--	--	--	--	--
Turbidity (NTU)	3.37		0.01	0.01	28.73		0.01	0.01	4.10		0.01	0.01	2.88		0.01	0.01	--		--	--	--	--	--	--

Notes
 < = Less than or equal to reporting MDL
 NS = Not sampled, insufficient water
 mV = Millivolt
 S.U. = Standard Unit

µS/cm = MicroSiemen per centimeter
 NTU = Nephelometric Turbidity Unit
Bold font = Detected concentration

Laboratory Data Qualifiers (Qual):
 U = The analyte was not detected above the level of the sample reporting limit.
 J = Quantitation is approximate due to limitations identified during data validation.
 UJ = The analyte was not detected; the reporting limit is approximate and may be inaccurate or imprecise.