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Web Address: www.dom.com



October 9, 2014

Ms. Susan Hobbs, Library Manager
Major Hillard Library
824 Old George Washington Highway North
Chesapeake, VA 23323

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

Dear Ms. Hobbs:

Please find attached, one document related to Dominion's Chesapeake Energy Center (CEC) industrial landfill. The Major Hillard Library is the public data repository for information submitted by Dominion to the Virginia Department of Environmental Quality relating to the CEC landfill Corrective Action Monitoring Program. Throughout the life of the program, Dominion will place on file with the Library copies of associated materials, which should be made available for public viewing until Dominion 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
2014 2nd Semi-Annual Monitoring (August 27, 2014)
Chesapeake Energy Center Landfill - Permit No. 440
Chesapeake, Virginia*

Thank you for your assistance and please do not hesitate to call Mr. Donald Hintz of Dominion's Electric Environmental Services Department at (804) 273-3552 should there be any questions and/or comments.

Sincerely,

A handwritten signature in black ink that reads "Cathy C. Taylor".

Cathy C. Taylor
Director, Environmental Services

Attachments

*Data Repository
Chesapeake Energy Center
Chesapeake, Virginia*

cc (cover letter only):

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Table 1
Summary of Corrective Action Monitoring Data
2014 2nd Semi-Annual Monitoring (August 27, 2014)
Chesapeake Energy Center Industrial Landfill - Permit #440
Chesapeake, Virginia

Groundwater Monitoring Wells

Parameter Name	LOD	LOQ	MW-5	MW-5D	CECW-1	CECW-1D	CECW-2	CECW-2D	CECW-3	CECW-3D	CECW-6I	CECW-6D	CECW-8	CECW-8D	CECW-10R	CECW-15	PO-8	PO-8D	PO-10	PO-10D	MW-5 DUP	MW-5D DUP	FIELD BLANK	
			Sample Date	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014
Primary Performance Parameters (µg/L)																								
Arsenic, total	2	10	7 J	<2	43	27	16	101	35	216	276	26	5 J	15	80	<2	19	<2	145	98	NT	<2	<2	
Arsenic, dissolved	2	10	7 J	<2	43	26	4 J	93	12	184	219	25	5 J	14	58	<2	15	<2	111	93	NT	<2	<2	
Arsenic III	0.002	0.11	5.02	1.26	28.0	28.6	3.61	83.4	0.22	147	215	25.5	1.16	13.0	3.60	0.42	0.64	0.14	36.1	43.9	5.56	1.19	<0.002 U	
Arsenic V	0.002	0.09	1.04	9.11	3.12	10.7	2.45	3.42	18.7	9.07	6.64	0.98	<0.002 U	7.13	0.72	32.7	41.1	0.42	8.31	1.60	0.96	0.28	<0.002 U	
Beryllium, total	0.2	1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NT	<0.2	<0.2
Beryllium, dissolved	0.2	1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.2 J	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	NT	<0.2	<0.2
Cobalt, total	0.6	3	<0.6	38.3	<0.6	<0.6	1.8 J	<0.6	10.5	<0.6	<0.6	5.3	<0.6	<0.6	<0.6	<0.6	<0.6	1.2 J	<0.6	<0.6	NT	34.2	<0.6	
Cobalt, dissolved	0.6	3	<0.6	31.7	<0.6	<0.6	0.7 J	<0.6	1.6 J	<0.6	<0.6	5.1	<0.6	<0.6	<0.6	<0.6	<0.6	1.2 J	<0.6	<0.6	NT	31.4	<0.6	
Sulfide	500	1,000	<500	<500	<500	<500	5,730	<500	<500	<500	<500	<500	86,000	<500	3,320	<500	7,090	<500	1,280	1,630	<500	<500	<500	
Sulfide, dissolved	140	1,000	<140	<140	<140	<140	3,270	<140	<140	<140	<140	<140	83,000	<140	3,100	<140	7,020	<140	1,390	1,300	<140	<140	NT	
Performance Parameters (mg/L)																								
Iron, total	0.05	0.25	5.87	66.00	3.39	6.70	46.71	9.57	1.73	0.48	8.48	8.63	0.45	19.93	0.52	20.08	<0.05	0.12 J	0.66	1.43	NT	69.00	<0.05	
Iron, dissolved	0.05	0.25	6.00	66.00	3.25	6.79	28.93	8.60	0.08 J	0.43	8.66	8.97	0.15 J	18.29	0.37	18.39	<0.05	0.11 J	0.63	1.12	NT	73.00	<0.05	
Manganese	0.02	0.05	0.07	1.32	0.19	0.43	0.45	0.32	0.10	0.11	0.35	0.56	0.06	0.32	0.21	0.32	0.39	0.07	0.15	0.09	NT	1.28	<0.02	
Field Measurements																								
Dissolved Oxygen (mg/L)	N/A	N/A	1.09	0.56	0.40	0.35	0.68	0.15	3.85	1.47	0.30	0.49	0.20	0.40	0.39	0.53	2.43	4.85	1.30	0.19	1.12	0.56	--	
Oxidation Reduction Potential (mV)	N/A	N/A	-70	-2	-258	-40	-283	-227	0	-251	-225	-145	-392	-39	-231	167	-248	7	-203	-269	-75	-9	--	
pH (S.U.)	N/A	N/A	5.82	5.80	6.51	6.60	6.01	6.62	6.70	7.39	6.45	5.26	8.25	6.26	6.54	4.88	6.90	6.54	6.78	6.85	5.82	5.79	--	
Specific Conductance (uS/cm)	N/A	N/A	489	9510	5500	19800	13790	29700	11210	25500	9760	20600	28600	29500	31400	33000	3950	2780	30000	28900	493	9520	--	
Temperature (Degrees Celsius)	N/A	N/A	22.40	20.09	18.82	18.92	19.92	18.53	20.17	18.80	18.16	18.21	26.20	18.40	21.33	18.95	21.20	18.91	22.27	20.74	22.37	20.11	--	
Turbidity (NTU)	N/A	N/A	2.81	1.73	10.6	0.32	9.56	2.23	36.0	1.98	2.84	12.5	9.83	8.49	2.97	2.23	0.16	2.02	1.27	3.00	2.84	2.29	--	

Surface Water

Parameter Name	LOD	LOQ	SW-1	SW-2	SW-3	SW-4	SW-1 DUP	SW-4 DUP	SW FIELD BLK
			Sample Date	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014
Primary Constituents (µg/L)									
Arsenic, total	2	10	4 J	4 J	3 J	2 J	NT	2 J	<2
Arsenic III	0.002	0.11	0.17	<0.002 U	0.19	0.16	NT	0.16	<0.002 U
Arsenic V	0.002	0.09	1.34	1.32	1.27	1.16	NT	1.16	<0.002 U
Beryllium, total	0.2	1	<0.2	<0.2	<0.2	<0.2	NT	<0.2	<0.2
Cobalt, total	0.6	3	<0.6	<0.6	<0.6	<0.6	NT	<0.6	<0.6
Sulfide*	500	1000	<500	<500	<500	<500	<500	NT	<500
Sulfide, dissolved	140	1000	<140	<140	<140	<140	NT	<140	NT
Water Quality Parameters (mg/L)									
Iron, total	0.05	0.25	0.34	0.36	0.30	0.29	NT	0.30	<0.05
Total Suspended Solids	1	1	9.3	7.0	6.9	5.9	NT	7.0	<1
Field Measurements									
Dissolved Oxygen (mg/L)	N/A	N/A	4.73	4.84	4.8	5.28	--	5.24	--
Oxidation Reduction Potential (mV)	N/A	N/A	-84	-135	104	115	--	115	--
pH (S.U.)	N/A	N/A	7.58	7.58	7.32	7.33	--	7.34	--
Specific Conductance (uS/cm)	N/A	N/A	31000	31000	30500	30600	--	30600	--
Temperature (Degrees Celsius)	N/A	N/A	36.56	35.89	30.31	29.01	--	29.02	--
Turbidity (NTU)	N/A	N/A	4.13	4.52	3.52	4.45	--	4.46	--

Notes:

LOD = Limit of detection
LOQ = Limit of quantitation
mg/L = Milligrams per liter
mV = Millivolts
N/A = Not applicable
NT = Not tested
NTU = Nephelometric Turbidity Units
S.U. = Standard units
µg/L = Micrograms per liter
uS/cm = MicroSiemens per centimeter
Bold font = Detected concentration

Data Qualifiers:

J = Concentration is between LOD and LOQ, and is considered estimated.
U = Not detected.

* = Surface water sulfide samples were collected on 9/9/14