



January 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**

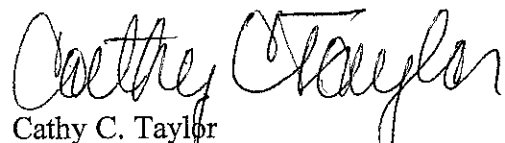
Dear Ms. Hobbs:

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:

*Table 1
Summary of Corrective Action Monitoring Data
2013 1st Semi-Annual Following Quarterly Monitoring (October 15-16, 2013)
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,


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
2013 1st Semi-Annual Following Quarterly Monitoring (October 15-16, 2013)
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-10 DUP	PO-10D	FIELD BLANK
Sample Date			10/15/2013	10/16/2013	10/15/2013	10/16/2013	10/15/2013	10/16/2013	10/15/2013	10/16/2013	10/15/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/15/2013	10/16/2013	10/15/2013	10/15/2013	10/16/2013	10/15/2013
Primary Performance Parameters (µg/L)																						
Arsenic, total	2	10	7 J	<2	41	31	12	141	65	242	194	28	2 J	38	43	<2	18	4 J	149	158	232	<2
Arsenic, dissolved	2	10	5 J	<2	39	33	6 J	140	19	237	233	28	4 J	18	38	<2	19	5 J	153	146	113	<2
Arsenic III	0.002	0.10	3.23	1.09	21.5	27.2	0.89	74.4	0.26	143	179	24.3	1.63	31.5	1.95	0.54	0.51	2.22	43.0	50.5	30.0	<0.002 U
Arsenic V	0.007	0.34	2.01	0.36	2.39	1.32	1.37	2.90	36.2	7.58	7.68	1.93	<0.007 U	5.69	1.46	<0.007 U	0.46	0.52	18.2	17.6	1.03	9.76
Beryllium, total	0.2	1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.3 J	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<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	0.3 J	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cobalt, total	0.6	3	1.0 J	31.6	<0.6	<0.6	2.7 J	<0.6	13.9	<0.6	<0.6	6.6	<0.6	<0.6	<0.6	0.6 J	<0.6	9.2	<0.6	<0.6	<0.6	<0.6
Cobalt, dissolved	0.6	3	0.80 J	30.3	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	6.0	<0.6	<0.6	<0.6	<0.6	<0.6	9.7	<0.6	<0.6	<0.6	<0.6
Sulfide	140	1,000	<140	<140	400 J	<140	8,220	460 J	<140	180 J	780 J	<140	96,500	<140	2,640	<140	9,750	<140	1,520	1,300	5,700	<140
Sulfide, dissolved	140	1,000	<140	<140	<140	<140	3,400	<140	<140	<140	700 J	<140	96,200	<140	2,400	<140	7,220	<140	870 J	1,100	5,040	<140
Performance Parameters (mg/L)																						
Iron, total	0.05	0.25	4.39	65.13	4.69	9.54	19.24	11.42	1.84	0.47	12.13	10.76	2.84	25.44	0.44	23.69	<0.05	7.27	0.81	0.75	0.78	<0.05
Iron, dissolved	0.05	0.25	2.61	66.96	2.36	10.30	8.88	12.02	<0.05	0.44	11.53	10.57	0.08 J	25.31	0.20 J	23.47	<0.05	8.78	0.68	0.62	1.16	<0.05
Manganese	0.02	0.05	0.08	1.34	0.23	0.55	0.46	0.39	0.12	0.09	0.43	0.38	0.08	0.36	0.16	0.37	0.31	0.21	0.15	0.15	0.04 J	<0.02
Field Measurements																						
Dissolved Oxygen (mg/L)	N/A	N/A	0.51	0.36	0.27	0.36	0.60	0.32	4.10	0.39	0.65	0.61	0.23	0.20	0.22	0.72	1.11	1.07	1.31	1.49	0.69	--
Oxidation Reduction Potential (mV)	N/A	N/A	-41	-33	-214	-174	-257	-219	173	-214	-167	81	-423	-148	-244	111	-289	-10	-182	-181	-292	--
pH (S.U.)	N/A	N/A	5.69	5.96	6.61	6.51	6.45	6.57	6.92	7.50	6.35	5.39	8.37	6.37	6.82	5.14	6.97	6.25	6.92	6.93	7.02	--
Specific Conductance (uS/cm)	N/A	N/A	412	9190	6190	20000	18200	30100	11390	23600	970	20400	28600	29600	27000	29900	3200	4170	27000	27000	28000	--
Temperature (Degrees Celsius)	N/A	N/A	21.74	20.17	19.47	18.47	20.50	19.31	21.01	18.90	18.38	18.38	21.70	19.60	21.90	20.45	20.42	19.00	20.31	20.30	20.12	--
Turbidity (NTU)	N/A	N/A	9.12	3.98	2.98	3.18	4.42	7.88	55.50	3.10	0.83	4.04	52.50	9.68	9.68	7.64	0.60	5.46	6.55	6.59	0.48	--

Surface Water

Parameter Name	LOD	LOQ	SW-1	SW-2	SW-2 DUP	SW-3	SW-4	SW FIELD BLK
Sample Date			10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013	10/16/2013
Primary Constituents (µg/L)								
Arsenic, total	2	10	<2	<2	<2	<2	<2	<2
Arsenic III	0.002	0.10	0.12	0.16	0.21	0.25	0.17	--
Arsenic V	0.007	0.34	1.07	1.23	1.31	1.02	0.97	--
Beryllium, total	0.2	1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cobalt, total	0.6	3	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
Sulfide, dissolved	140	1,000	<140	<140	<140	<140	<140	--
Water Quality Parameters (mg/L)								
Iron, total	0.05	0.25	0.51	0.47	0.50	0.48	0.39	<0.05
Total Suspended Solids	1	1	7.6	8.9	8.7	6.4	6.5	<1
Field Measurements								
Dissolved Oxygen (mg/L)	N/A	N/A	5.13	5.39	5.39	6.25	6.29	--
Oxidation Reduction Potential (mV)	N/A	N/A	172	150	150	135	124	--
pH (S.U.)	N/A	N/A	7.12	6.66	6.66	7.11	7.19	--
Specific Conductance (uS/cm)	N/A	N/A	26900	26800	26800	23900	22900	--
Temperature (Degrees Celsius)	N/A	N/A	24.80	24.60	24.60	22.30	21.60	--
Turbidity (NTU)	N/A	N/A	8.96	8.01	8.01	7.10	5.98	--

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.