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February 7, 2013

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

RE: Data Repository
Chesapeake Energy Center
2701 Vepco 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
2012 4th Quarter (November 27-28, 2012)
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

cc (cover letter only):

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Table 1
Summary of Corrective Action Monitoring Data
2012 4th Quarter (November 27-28, 2012)
Chesapeake Energy Center Industrial Landfill - Permit #440
Chesapeake, Virginia

Groundwater Monitoring Wells

Parameter Name / Sample Date	LOD	LOQ	MW-5 11/27/2012	MW-5 DUP 11/27/2012	MW-5D 11/27/2012	CECW-1 11/28/2012	CECW-1D 11/28/2012	CECW-2 11/27/2012	CECW-2D 11/28/2012	CECW-3 11/27/2012	CECW-3D 11/28/2012	CECW-6I 11/27/2012	CECW-6D 11/28/2012	CECW-8 11/28/2012	CECW-8D 11/28/2012	CECW-10R 11/28/2012	CECW-15 11/28/2012	PO-8 11/27/2012	PO-8D 11/28/2001	PO-10 11/28/2012	PO-10D 11/28/2012	FIELD BLANK 11/28/2012
Primary Performance Parameters (µg/L)																						
Arsenic, total	3	10	<3	<3	<3	**44**	**27**	**36**	**86**	**115**	**230**	**190**	**26**	<3	**11**	**39**	<3	**11**	**4** J	**108**	**102**	<3
Arsenic, dissolved	3	10	**3** J	<3	<3	**37**	**32**	**28**	**81**	**23**	**235**	**179**	**25**	<3	**11**	**45**	<3	**16**	**4** J	**109**	**302**	<3
Arsenic III	0.004	0.19	**0.99**	**1.17**	**1.39**	**34.1**	**28.7**	**11.0**	**93.5**	**0.33**	**148**	**194**	**27.2**	**0.55**	**11.6**	**1.73**	**0.47**	**0.26**	**3.13**	**18.4**	**38.9**	<0.004 U
Arsenic V	0.002	0.081	**1.30**	**1.97**	<0.002 U	**3.54**	**0.936**	**1.17**	**2.48**	**73.2**	**1.63**	**4.50**	**1.07**	<0.002 U	**1.80**	**0.282**	<0.002 U	**0.179**	**0.43**	**2.67**	**1.86**	<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	**0.3** J	<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	<0.2	<0.2	**0.2** J	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cobalt, total	0.6	3	**1.8** J	**0.90** J	**43.4**	<0.6	<0.6	**10.8**	<0.6	**102.3**	<0.6	**1.4** J	**5.8**	<0.6	<0.6	<0.6	**1.0** J	<0.6	**6.5**	<0.6	<0.6	<0.6
Cobalt, dissolved	0.6	3	**0.90** J	**0.80** J	**43.7**	<0.6	<0.6	<0.6	<0.6	**6.9**	<0.6	**1.4** J	**5.2**	<0.6	<0.6	<0.6	**1.2** J	<0.6	**4.4**	<0.6	<0.6	<0.6
Sulfide	1,000	1,000	<1,000	<1,000	<1,000	**1,300**	<1,000	<1,000	<1,000	<1,000	**1,200**	<1,000	**1,200**	**6,300**	<1,000	**1,700**	**1,500**	**2,000**	<1,000	**1,500**	**2,900**	<1,000
Sulfide, dissolved	1,000	1,000	<1,000	**1,400**	<1,000	<1,000	**1,700**	**1,100**	**1,600**	<1,000	<1,000	<1,000	<1,000	**4,900**	<1,000	**2,000**	<1,000	**4,700**	<1,000	**1,400**	**2,800**	<1,000
Performance Parameters (mg/L)																						
Iron, total	0.05	0.25	**0.71**	**0.73**	**86.60**	**8.20**	**8.94**	**70.24**	**14.81**	**2.89**	**0.70**	**11.07**	**13.11**	**0.51**	**25.75**	**0.23** J	**29.88**	<0.05	**7.20**	**0.96**	**1.72**	<0.05
Iron, dissolved	0.05	0.25	**1.20**	**1.27**	**84.74**	**7.16**	**8.71**	**57.36**	**12.12**	**0.08** J	**0.72**	**11.34**	**11.90**	**0.20** J	**25.18**	**0.23** J	**30.54**	<0.05	**4.04**	**0.92**	**1.76**	<0.05
Manganese	0.02	0.05	**0.06**	**0.06**	**1.94**	**0.24**	**0.58**	**0.90**	**0.49**	**0.87**	**0.11**	**0.39**	**0.44**	**0.11**	**0.40**	**0.19**	**0.44**	**0.37**	**0.18**	**0.25**	**0.09**	<0.02
Field Measurements																						
Dissolved Oxygen (mg/L)	N/A	N/A	0.71	0.70	0.29	1.20	1.10	0.23	0.71	1.55	0.21	0.72	0.50	1.29	0.27	0.30	0.82	1.05	1.45	0.23	0.23	--
Oxidation Reduction Potential (mV)	N/A	N/A	108	107	13	-202	-179	-286	-254	37	-200	-103	88	-332	-26	-296	35	-311	-87	-127	-260	--
pH (S.U.)	N/A	N/A	5.97	5.96	5.83	6.60	6.57	5.97	6.69	6.84	7.30	6.41	5.42	7.84	6.25	6.74	4.96	7.12	6.54	6.97	7.01	--
Specific Conductance (uS/cm)	N/A	N/A	558	558	12160	5880	20100	18000	30400	14360	25000	7720	20700	31100	30300	26800	29700	3560	2820	27300	30000	--
Temperature (Degrees Celsius)	N/A	N/A	19.91	20.01	20.04	17.71	17.37	19.24	17.71	20.26	18.35	18.54	17.83	13.37	16.88	15.73	17.64	19.32	17.25	16.10	17.00	--
Turbidity (NTU)	N/A	N/A	5.67	5.70	0.93	7.27	1.16	8.42	5.68	10.20	4.37	1.01	1.34	17.52	21.20	8.24	0.30	0.68	3.67	1.80	3.28	--

Surface Water

Parameter Name / Sample Date	LOD	LOQ	SW-1 11/28/2012	SW-2 11/28/2012	SW-2 DUP 11/28/2012	SW-3 11/28/2012	SW-4 11/28/2012	SW FIELD BLK 11/28/2012
Primary Constituents (µg/L)								
Arsenic, total	3	10	<3	<3	<3	<3	<3	<3
Arsenic III	0.004	0.19	<0.004 U	<0.004 U	<0.004 U	<0.004 U	<0.004 U	<0.004 U
Arsenic V	0.002	0.081	**0.652**	**1.260**	**2.460**	**0.694**	**0.757**	<0.002 U
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	1,000	1,000	**2,900**	**2,700**	**1,500**	**2,000**	**2,400**	<1,000
Water Quality Parameters (mg/L)								
Iron, total	0.05	0.25	**0.76**	**0.49**	**0.48**	**0.49**	**0.47**	<0.05
Total Suspended Solids	1	1	**6.2**	**5.4**	**5.9**	**4.1**	**4.0**	<1
Field Measurements								
Dissolved Oxygen (mg/L)	N/A	N/A	7.41	9.57	7.20	8.10	8.47	--
Oxidation Reduction Potential (mV)	N/A	N/A	30	27	26	27	30	--
pH (S.U.)	N/A	N/A	7.44	7.62	7.59	7.68	7.77	--
Specific Conductance (uS/cm)	N/A	N/A	30600	29700	29900	29200	29800	--
Temperature (Degrees Celsius)	N/A	N/A	19.20	17.93	18.15	12.42	12.07	--
Turbidity (NTU)	N/A	N/A	3.92	5.83	5.83	3.93	3.49	--

Notes:
LOD = Limit of detection
LOQ = Limit of quantitation
mg/L = Milligrams per liter
mV = Millivolts
N/A = Not applicable
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.