



December 13, 2017

**BY US MAIL**

Ms. Rachel Patton  
Department of Environmental Quality  
Tidewater Regional Office  
5636 Southern Boulevard  
Virginia Beach, Virginia 23462

**Re: Chesapeake Energy Center – Corrective Action Monitoring Plan,  
Landfill Permit No. 440**

Dear Ms. Patton:

During a recent review of the Dominion Energy Chesapeake Energy Center's Corrective Action Monitoring Plan (CAMP), we discovered that surface water sampling was being conducted by an alternate method than specified within the CAMP. The alternate sampling method utilized is in accordance with EPA Science and Ecosystem Support Division Operating Procedure Surface Water Sampling guidance. Upon discovery, EnviroScience, Inc. performed surface water sampling at each designated location utilizing the CAMP-specified method and the alternate EPA method. Analytical data provided by TestAmerica indicate consistent results from both sampling methods and are summarized as an attachment. Going forward, the surface water sampling will be consistent with methods outlined in the CAMP.

Should you have any questions or comments, please contact Donald Hintz of Dominion Energy Environmental at (804) 273 – 3552.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jason E. Williams".

Jason E. Williams  
Director, Environmental

Attachment

Rachel Patton  
December 13, 2017  
Page 2

cc: Rachel Patton  
Rachel.Patton@deq.virginia.gov

Geoff Christe  
Geoff.Christe@deq.virginia.gov

Table 1

EnviroScience Side by Side comparison by Test America				
SW-1	EPA Guidance Approach 11/28/2017		CAMP Sampling Method 11/28/2017	
	Total	Dissolved	Total	Dissolved
Arsenic	1.9	1.1	1.1	1.1
Beryllium	<0.13	0.14 J	0.13 J	<0.13
Cobalt	0.53	0.24 J	0.26 J	0.29 J
Selenium	<1.3	<1.3	<1.3	<1.3
Sulfide	5.8	<0.59	<0.59	4.3

EnviroScience Side by Side comparison by Test America				
SW-2	EPA Guidance Approach 11/28/2017		CAMP Sampling Method 11/28/2017	
	Total	Dissolved	Total	Dissolved
Arsenic	1.4	1.2	1.3	1.5
Beryllium	<0.13	<0.13	<.013	0.28 J
Cobalt	0.20 J	0.21 J	0.32 J	1.3
Selenium	<1.3	<1.3	<1.3	<1.3
Sulfide	8.0	2.2 J	6.0	<0.59

EnviroScience Side by Side comparison by Test America				
SW-3	EPA Guidance Approach 11/28/2017		CAMP Sampling Method 11/28/2017	
	Total	Dissolved	Total	Dissolved
Arsenic	1.4	0.93 J	1.1	1.2
Beryllium	<0.13	<0.13	<0.13	<0.13
Cobalt	0.21 J	0.20 J	0.21 J	0.23 J
Selenium	<1.3	<1.3	<1.3	<1.3
Sulfide	4.9 F1	6.8	7.5	7.4

EnviroScience Side by Side comparison by Test America				
SW-4	EPA Guidance Approach 11/28/2017		CAMP Sampling Method 11/28/2017	
	Total	Dissolved	Total	Dissolved
Arsenic	1.1	1.0	1.3	1.3
Beryllium	<0.13	<0.13	<0.13	<0.13
Cobalt	0.22 J	0.16 J	0.24 J	0.23 J
Selenium	<1.3	<1.3	<1.3	<1.3
Sulfide	7.6	5.8	4.3	6.4

Table 1

EnviroScience Side by Side comparison by Test America				
SW-1 DUP	EPA Guidance Approach 11/28/2017		CAMP Sampling Method 11/28/2017	
	Total	Dissolved	Total	Dissolved
Arsenic	1.2	1.0	1.2	1.3
Beryllium	<0.13	<0.13	<0.13	<0.13
Cobalt	0.25 J	0.21 J	0.17 J	0.26 J
Selenium	<1.3	<1.3	<1.3	<1.3
Sulfide	2.5 J	9.8	4.6	4.1

EnviroScience Side by Side comparison by Test America		
FIELD BLANK	11/28/2017	
	Total	Dissolved
Arsenic	<0.22	<0.22
Beryllium	<0.13	<0.13
Cobalt	<0.095	<0.095
Selenium	<1.3	<1.3
Sulfide	<0.59	<0.59

Results in (µg/L)

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

F1 = MS and/or MSD Recovery is outside acceptance limits.

**Bold** = detected concentration