



**BY ELECTRONIC MAIL**

November 9, 2017

Ms. Susan Mackert  
Department of Environmental Quality  
Northern Regional Office  
13901 Crown Court  
Woodbridge, VA 22193

**RE: Dominion Possum Point Power Station VA0002071  
Outfall 503 Weekly Discharge Monitoring and Site Activity Report**

Ms. Mackert:

Dominion is submitting this letter in accordance with Part I.A.4.(5) of the subject permit. Results of discharge sampling for Outfall 503 conducted during the week of October 29 – November 4, 2017, are included on the enclosed Weekly Compliance Sampling Summary. This submittal also includes a log of Enhanced Metals Treatment associated with the water released via Outfall 503. In addition, a progress report summarizing the status of activities to the CCR Surface Impoundment Closure Project is attached with this report.

If you have any questions or need additional information, please contact Jeff Marcell at (703)-441-3813.

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

Sincerely,

A handwritten signature in black ink, appearing to read "Jeffrey R. Marcell".

Jeffrey R. Marcell  
Environmental Supervisor

**WEEKLY COMPLIANCE SAMPLING SUMMARY**

Facility Name: POSSUM POINT POWER STATION  
 Permit Number: VA0002071  
 Outfall Number: 503

Sample Week: 10/29/17 - 11/04/17  
 Report Due Date: November 10, 2017

					Sample Date	NA	NA	NA
					Analytical Report Date	NA	NA	NA
Parameter	Units	Frequency	Permit QL	Daily Maximum Limitation	Result	Result	Result	
Flow	MGD	Weekly	NA	2.88	0.000	0.000	0.000	
pH*	S.U.	Weekly	NA	9.0	ND	ND	ND	
Total Suspended Solids	mg/L	Weekly	1.0	100	ND	ND	ND	
Oil & Grease	mg/L	Weekly	NA	20	ND	ND	ND	
Antimony, Total Recoverable	ug/L	Weekly	5.0	1,300	ND	ND	ND	
Arsenic, Total Recoverable	ug/L	Weekly	5.0	440	ND	ND	ND	
Cadmium, Total Recoverable	ug/L	Weekly	0.88	2.6	ND	ND	ND	
Chromium III, Total Recoverable	ug/L	Weekly	5.0	160	ND	ND	ND	
Chromium VI, Total Recoverable	ug/L	Weekly	5.0	32	ND	ND	ND	
Copper, Total Recoverable	ug/L	Weekly	5.0	18	ND	ND	ND	
Lead, Total Recoverable	ug/L	Weekly	5.0	26	ND	ND	ND	
Mercury, Total Recoverable	ug/L	Weekly	0.1	2.2	ND	ND	ND	
Nickel, Total Recoverable	ug/L	Weekly	5.0	44	ND	ND	ND	
Selenium, Total Recoverable	ug/L	Weekly	5.0	15	ND	ND	ND	
Silver, Total Recoverable	ug/L	Weekly	0.4	4.0	ND	ND	ND	
Thallium, Total Recoverable	ug/L	Weekly	0.47	0.94	ND	ND	ND	
Zinc, Total Recoverable	ug/L	Weekly	25	180	ND	ND	ND	
Chloride	ug/L	Weekly	NA	670,000	ND	ND	ND	
Hardness, Total (as CaCO3)	mg/L	Weekly	NA	NL	ND	ND	ND	

**Notes:**

\*pH values must remain between a minimum of 6.0 S.U. and a maximum of 9.0 S.U. at all times. pH values are measured in the field

Analytical results below the Permit Quantification level (QL) are to be reported as "<QL", as required in Section I.C.2 of the Permit

QL = Quantification Level

NA = Not Applicable

ND = No discharge during the monitoring period

NL = No Limitation, monitoring required

## Possum Point Power Station Enhanced Treatment Activation Log - October 2017

Date	Activated Alumina			Granulated Activated Carbon			Cation Exchange Resin		
	Time On	Time Off	Reason(s) for Activation	Time On	Time Off	Reason(s) for Activation	Time On	Time Off	Reason(s) for Activation
10/1/2017			Water Treatment System Off-line			Water Treatment System Off-line			Water Treatment System Off-line
10/2/2017									
10/3/2017									
10/4/2017									
10/5/2017									
10/6/2017									
10/7/2017									
10/8/2017									
10/9/2017									
10/10/2017									
10/11/2017									
10/12/2017									
10/13/2017									
10/14/2017									
10/15/2017									
10/16/2017									
10/17/2017	1000		Water Treatment system brought on-line with AA. Se CER Trigger exceedances in pre-ET process samples.	1000		Voluntarily activated during AA operational hours	1000		Voluntarily activated during AA operational hours
10/18/2017			As CER Trigger exceedances in pre-ET process samples.						
10/19/2017			As & Se CER Trigger exceedances in pre-ET process samples.						
10/20/2017		0638	As & Se CER Trigger exceedances in pre-ET process samples. Water Treatment Off-line		0638			0638	
10/21/2017			Water Treatment System Off-line			Water Treatment System Off-line			Water Treatment System Off-line
10/22/2017									
10/23/2017									
10/24/2017									
10/25/2017									
10/26/2017									
10/27/2017									
10/28/2017									
10/29/2017									
10/30/2017									
10/31/2017									

Notes: ET = Enhanced Treatment  
 AA = Activated Alumina  
 Wastewater Treatment System Operation during the month of October was conducted during day and night shift (approximately 0600-0600).  
 There was no discharge from Outfall 503 from 10/1-10/31. All wastewaters treated during this time period were recirculated to Pond D or retained in the treatment system storage tanks.



**Dominion – Possum Point Power Station**

**CCR Impoundment Closure Project**

**Weekly Status Report**

**Activities for the Week Ending: 11/4/2017**

- No discharge of Wastewater Treatment System treated water discharged via outfall 503.
- Conducted Wastewater Treatment System maintenance.

**Ongoing Activities**

- Treatment of Pond D water.
- Continued general site maintenance activities.
- Pumping of water from Ponds A, B, C and E to Pond D.

**Look Ahead**

- See Ongoing Activities.