



**BY ELECTRONIC MAIL**

January 5, 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 December 25 – 31, 2016, 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,

Jeffrey R. Marcell  
Environmental Supervisor

**WEEKLY COMPLIANCE SAMPLING SUMMARY**

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

Sample Week: 12/25/16 - 12/31/16  
 Report Due Date: January 6, 2017

Parameter	Units	Frequency	Analytical Report Date		Sample Date		
			Permit QL	Daily Maximum Limitation	NA	NA	NA
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 Metals Treatment Activation Log - December 2016**

Date	Activated Alumina			Cation Exchange Resin		
	Time On	Time Off	Reason(s) for Activation	Time On	Time Off	Reason(s) for Activation
12/1/2016						
12/2/2016						
12/3/2016						
12/4/2016						
12/5/2016						
12/6/2016						
12/7/2016						
12/8/2016						
12/9/2016						
12/10/2016						
12/11/2016						
12/12/2016						
12/13/2016						
12/14/2016						
12/15/2016						
12/16/2016			No discharge			No discharge
12/17/2016						
12/18/2016						
12/19/2016						
12/20/2016						
12/21/2016						
12/22/2016						
12/23/2016						
12/24/2016						
12/25/2016						
12/26/2016						
12/27/2016						
12/28/2016						
12/29/2016						
12/30/2016						
12/31/2016						

Notes:  
 EMT = Enhanced Metals Treatment  
 AA = Activated Alumina



**Dominion – Possum Point Power Station**

**CCR Impoundment Closure Project**

**Weekly Status Report**

**Activities for the Week Ending: 12/31/16**

- No discharge of Wastewater Treatment System treated water via outfall 503 due to ongoing treatment system maintenance activities.
- Minimal activities due to the Holiday Break (fueling of generators and checking on winterization)

**Ongoing Activities**

- Assembly of storage tanks in Pond E.
- Continued Wastewater Treatment System winterization activities.
- Pumping of water from Ponds A, B, C and E to Pond D.
- Excavating of dry ash from Pond E within the pond footprint to facilitate loading operations.
- Transport of ash from Ponds A,B,C and E to Pond D (weather permitting).
- Stock piling of dry ash from Ponds A, B, and C within the pond footprint to facilitate loading operations.

**Look Ahead**

- Resume ongoing activities.