



**BY ELECTRONIC MAIL**

August 25, 2016

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 August 14 – 20, 2016, are included on the enclosed Weekly Compliance Sampling Summary. 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,

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Jeffrey R. Marcell  
Environmental Supervisor

**WEEKLY COMPLIANCE SAMPLING SUMMARY**

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

Sample Week: 8/14/16 - 8/20/16  
 Report Due Date: 8/26/2016

					Sample Date	8/14/2016	8/16/2016	8/18/2016
					Analytical Report Date	8/16/2016	08/23/2016 <sup>1</sup>	NA
Parameter	Units	Frequency	Permit QL	Daily Maximum Limitation	Result	Result	Result	
Flow	MGD	Weekly	NA	2.88	1.192	1.151	ND	
pH*	S.U.	Weekly	NA	NA	7.95	8.06	ND	
Total Suspended Solids	mg/L	Weekly	1.0	100	< QL	< QL	ND	
Oil & Grease	mg/L	Weekly	NA	20	< 5.0	< 5.0	ND	
Antimony, Total Recoverable	ug/L	Weekly	5.0	1300	< QL	< QL	ND	
Arsenic, Total Recoverable	ug/L	Weekly	5.0	440	< QL	< QL	ND	
Cadmium, Total Recoverable	ug/L	Weekly	0.88	2.6	< QL	< QL	ND	
Chromium III, Total Recoverable	ug/L	Weekly	5.0	160	< QL	< QL	ND	
Chromium VI, Total Recoverable	ug/L	Weekly	5.0	32	< QL	< QL	ND	
Copper, Total Recoverable	ug/L	Weekly	5.0	18	< QL	< QL	ND	
Lead, Total Recoverable	ug/L	Weekly	5.0	26	< QL	< QL	ND	
Mercury, Total Recoverable	ug/L	Weekly	0.1	2.2	< QL	< QL	ND	
Nickel, Total Recoverable	ug/L	Weekly	5.0	44	< QL	< QL	ND	
Selenium, Total Recoverable	ug/L	Weekly	5.0	15	5.1	5.6	ND	
Silver, Total Recoverable	ug/L	Weekly	0.4	4.0	< QL	< QL	ND	
Thallium, Total Recoverable	ug/L	Weekly	0.47	0.94	< QL	< QL	ND	
Zinc, Total Recoverable	ug/L	Weekly	25	180	< QL	< QL	ND	
Chloride	ug/L	Weekly	NA	670,000	79,000	80,100	ND	
Hardness, Total (as CaCO3)	mg/L	Weekly	NA	NL	159	162	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

<sup>1</sup> A contract is in place to receive results for parameters identified in the VPDES permit with a monitoring frequency of "3/W" within four business days of taking the sample. The original analytical report for this sampling event was received on 8/17/2016. Due to incorrect case narratives, incorrect laboratory flags, and reanalysis of silver, a revised report was provided on 8/23/2016.

**Dominion – Possum Point Power Station**

**CCR Impoundment Closure Project**

**Weekly Status Report**

**Activities for the Week Ending: 8/20/16**

- Discharge of approximately 3.524 MG of Wastewater Treatment System treated water via outfall 503.
- Discharges from the Wastewater Treatment System occurred Sunday through Wednesday this week. Weekly compliance samples were collected on Sunday and Tuesday. There were no discharges from the system for the remainder of the week.

**Ongoing 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 Pond E to Pond D.
- Stock piling of dry ash from Ponds A, B, and C within the pond footprint to facilitate future loading operations.

**Look Ahead**

- Initiate movement of ash from Ponds A, B, and C to Pond D.
- Obtain agreement on appropriate compliance sampling strategies during low discharge conditions per Dominion July 28, 2016 email submittal to DEQ.