



BY ELECTRONIC MAIL

August 11, 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 July 31 – August 6, 2016, are included on the enclosed Weekly Compliance Sampling Summary. This submittal also includes a monthly 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: 7/31/16 - 8/6/16
 Report Due Date: 8/12/2016

Sample Date					8/1/2016	8/3/2016	8/5/2016
Analytical Report Date					NA	NA	8/9/2016
Parameter	Units	Frequency	Permit QL	Daily Maximum Limitation	Result	Result	Result
Flow	MGD	Weekly	NA	2.88	ND	ND	0.545
pH*	S.U.	Weekly	NA	NA	ND	ND	7.89
Total Suspended Solids	mg/L	Weekly	1.0	100	ND	ND	< QL
Oil & Grease	mg/L	Weekly	NA	20	ND	ND	< 5.0
Antimony, Total Recoverable	ug/L	Weekly	5.0	1300	ND	ND	< QL
Arsenic, Total Recoverable	ug/L	Weekly	5.0	440	ND	ND	< QL
Cadmium, Total Recoverable	ug/L	Weekly	0.88	2.6	ND	ND	< QL
Chromium III, Total Recoverable	ug/L	Weekly	5.0	160	ND	ND	< QL
Chromium VI, Total Recoverable	ug/L	Weekly	5.0	32	ND	ND	< QL
Copper, Total Recoverable	ug/L	Weekly	5.0	18	ND	ND	< QL
Lead, Total Recoverable	ug/L	Weekly	5.0	26	ND	ND	< QL
Mercury, Total Recoverable	ug/L	Weekly	0.1	2.2	ND	ND	< QL
Nickel, Total Recoverable	ug/L	Weekly	5.0	44	ND	ND	< QL
Selenium, Total Recoverable	ug/L	Weekly	5.0	15	ND	ND	< QL
Silver, Total Recoverable	ug/L	Weekly	0.4	4.0	ND	ND	< QL
Thallium, Total Recoverable	ug/L	Weekly	0.47	0.94	ND	ND	< QL
Zinc, Total Recoverable	ug/L	Weekly	25	180	ND	ND	< QL
Chloride	ug/L	Weekly	NA	670,000	ND	ND	92,100
Hardness, Total (as CaCO3)	mg/L	Weekly	NA	NL	ND	ND	137

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 Permi
 QL = Quantification Level
 NA = Not Applicable
 NL = No Limitation, monitoring required
 ND = No discharge during the monitoring period

**Possum Point Power Station
Enhanced Metals Treatment Activation Log - July 2016**

Date	ON (Time)	OFF (Time)	Reason(s) for Enhanced Treatment Activation
1-Jul			ND
2-Jul			ND
3-Jul			ND
4-Jul			ND
5-Jul			ND
6-Jul			ND
7-Jul			ND
8-Jul			ND
9-Jul			ND
10-Jul	X (5:00)		3:15: Treatment system began discharging to Outfall 503; Enhanced Treatment was not activated upon initial startup 5:00: Selenium trigger exceeded
11-Jul	X		
12-Jul	X		
13-Jul	X		
14-Jul	X		
15-Jul	X		14:15: Treatment System was shutdown and discharge was stopped
16-Jul			ND
17-Jul			ND
18-Jul			ND
19-Jul			ND
20-Jul			ND
21-Jul			ND
22-Jul			ND
23-Jul			ND
24-Jul			ND
25-Jul			ND
26-Jul			ND
27-Jul			ND
28-Jul	X (23:30)		18:30: Treatment system began discharging to Outfall 503; Enhanced Treatment was not activated upon intitial startup 23:30: Selenium trigger exceeded
29-Jul	X		
30-Jul	X		00:40: Treatment System was shutdown and discharge was stopped
31-Jul			ND

NOTES: 1) All On/Off times are approximate
2) ND = No Discharge

Dominion – Possum Point Power Station

CCR Impoundment Closure Project

Weekly Status Report

Activities for the Week Ending: 8/6/16

- Prince William County (PWC) approval of the revised Concept Engineering Report (CER) for the Wastewater Treatment System was received on August 3, 2016.
- Discharge of approximately 1.01 MG of Wastewater Treatment System treated water via outfall 503.

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

- Obtain agreement on appropriate compliance sampling strategies during low discharge conditions per Dominion July 28, 2016 email submittal to DEQ.