

**Via E-Mail**

**RETURN RECEIPT REQUESTED**

September 22, 2016

Ms. Beverley Carver  
Department of Environmental Quality  
Valley Regional Office  
4411 Early Road  
Harrisonburg, VA 22801

**RE: Dominion Bremo Power Station VA0004138  
Weekly Discharge Monitoring and Site Activity Report**

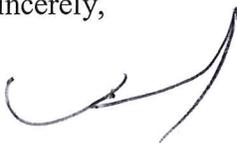
Ms. Carver:

Dominion is submitting this letter in accordance with Part I.A.9.h. of the subject permit. Information related to discharge sampling activities for Outfall 504 conducted during the week of September 11 – September 17, 2016 is included on the enclosed Weekly Compliance Sampling Summary. There was no discharge from Outfalls 501, 502, 503, or 505 during this period. In addition to the Weekly Compliance Sampling Summary this submission includes a status report summarizing the activities related to the CCR Surface Impoundment Closure Project. Also attached to this report is the corrected Weekly Compliance Sampling Report for the week of August 7 - 13, 2016. The corrected August report's flow amounts were adjusted due to a duplicate flow meter reading that occurred on 08-07-16.

If you have any questions or need additional information, please contact Taylor Engen at 434-842-4104.

*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,



William Reed  
Director, Power Generation Station II

**WEEKLY COMPLIANCE SAMPLING SUMMARY**

Facility Name:  
Permit Number:  
Outfall Number:

Bremo Power Station  
VA0004138  
504

Sample Week: 9/11/16 - 9/17/16  
Report Due Date: September 23, 2016

Parameter	Units	Sample Date			Result	Result
		Analytical Report Date	Daily Maximum Limitation	Permit QL		
Estimated Flow	MGD	-	-	0.000	0.483	0.462
pH	S.U.	NA	9.0	ND	8.0	7.9
Total Suspended Solids	mg/L	1.0	100.0	ND	< QL	< QL
Oil & Grease	mg/L	5.0	20.0	ND	< QL	< QL
Antimony, Total Recoverable	ug/L	5.0	2,100	ND	< QL	< QL
Arsenic, Total Recoverable	ug/L	5.0	530	ND	57.8	78.5
Cadmium, Total Recoverable	ug/L	1.0	3.2	ND	< QL	< QL
Chromium III, Total Recoverable	ug/L	5.0	220	ND	< QL	< QL
Chromium VI, Total Recoverable	ug/L	5.0	34	ND	< QL	< QL
Copper, Total Recoverable	ug/L	5.0	23	ND	< QL	< QL
Lead, Total Recoverable	ug/L	5.0	35	ND	< QL	< QL
Mercury, Total Recoverable	ug/L	0.1	2.8	ND	< QL	< QL
Nickel, Total Recoverable	ug/L	5.0	57	ND	< QL	< QL
Selenium, Total Recoverable	ug/L	5.0	18	ND	< QL	< QL
Silver, Total Recoverable	ug/L	0.4	5.0	ND	< QL	< QL
Thallium, Total Recoverable	ug/L	1.0	1.4	ND	< QL	< QL
Zinc, Total Recoverable	ug/L	25	210	ND	< QL	< QL
Chloride	mg/L	10	820	ND	64.7	40.3
Ammonia-N	mg/L	0.20	14	ND	< QL	< QL
Hardness	mg/L	NA	NL	ND	154	158

**Notes:**

pH values must remain between a minimum of 6 S.U. and a maximum of 9 S.U. 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  
NL = No Limitation, monitoring required  
ND = No Discharge during monitoring period

**WEEKLY COMPLIANCE SAMPLING SUMMARY (corrected 09-06-16)**

Facility Name: Brems Power Station  
 Permit Number: VA0004138  
 Outfall Number: 504  
 Sample Week: 8/7/16 - 8/13/16  
 Report Due Date: August 19, 2016

Parameter	Units	Sample Date			Result	Result	Result
		Analytical Report Date	Daily Maximum Limitation	Permit QL			
Estimated Flow	MGD	-	-	-	0.519*	1.041*	1.081*
pH	S.U.	NA	9.0	NA	8.1	8.1	8.1
Total Suspended Solids	mg/L	1.0	100.0	1.0	< QL	< QL	< QL
Oil & Grease	mg/L	5.0	20.0	5.0	< QL	< QL	< QL
Antimony, Total Recoverable	ug/L	5.0	2,100	5.0	< QL	< QL	5.5
Arsenic, Total Recoverable	ug/L	5.0	530	5.0	32.2	73.6	72.5
Cadmium, Total Recoverable	ug/L	1.0	3.2	1.0	< QL	< QL	< QL
Chromium III, Total Recoverable	ug/L	5.0	220	5.0	< QL	< QL	< QL
Chromium VI, Total Recoverable	ug/L	5.0	34	5.0	< QL	< QL	< QL
Copper, Total Recoverable	ug/L	5.0	23	5.0	< QL	< QL	< QL
Lead, Total Recoverable	ug/L	5.0	35	5.0	< QL	< QL	< QL
Mercury, Total Recoverable	ug/L	0.1	2.8	0.1	< QL	< QL	< QL
Nickel, Total Recoverable	ug/L	5.0	57	5.0	< QL	< QL	< QL
Selenium, Total Recoverable	ug/L	5.0	18	5.0	< QL	< QL	< QL
Silver, Total Recoverable	ug/L	0.4	5.0	0.4	< QL	< QL	< QL
Thallium, Total Recoverable	ug/L	1.0	1.4	1.0	< QL	< QL	< QL
Zinc, Total Recoverable	ug/L	25	210	25	< QL	< QL	< QL
Chloride	mg/L	10	820	10	64.5	54.3	32.6
Ammonia-N	mg/L	0.20	14	0.20	< QL	< QL	< QL
Hardness	mg/L	NA	NL	NA	131	128	127

**Notes:**

pH values must remain between a minimum of 6 S.U. and a maximum of 9 S.U. 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  
 NL = No Limitation, monitoring required  
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 \*Flow data corrected for a duplicate flow meter reading that occurred on 08-07-16

**Dominion – Bremo Power Station**

**CCR Impoundment Closure Project**

**Weekly Status Report**

**Activities for the Week Ending: 9/17/2016**

- 2.08 MG Centralized Source Water Treatment System (CSWTS)-treated water was discharged via Outfall 002.
- 3.60 MG water from the Stormwater Management Pond was filtered and discharged via Outfall 002.
- Commencement of groundwater monitoring well installation and geoprobe/geotechnical borings at the North and East Ponds.

**Ongoing Activities**

- Transport of material from the West Pond to the North Pond.
- Installation of wellpoints and headers in the North Pond.
- Pumping of water (filtered) from the Stormwater Management Pond to Outfall 002.
- Discharge of CSWTS-treated water to Outfall 002.
- Confirmation of no discharge at Outfall 004.

**Look Ahead**

- Obtain agreement on proposed compliance sampling strategies during low discharge conditions per Dominion's September 2, 2016 letter to DEQ.