

VIA E-Mail
RETURN RECEIPT REQUESTED

March 9, 2017

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

RE: Dominion Bremono 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 February 26 – March 4, 2017 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 and the Monthly Enhance Metals Treatment Log.

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,



Gregory J. Searcy
Manager, Power Generation Operation & Maintenance (O&M)

WEEKLY COMPLIANCE SAMPLING SUMMARY

Facility Name: Breomo Power Station
 Permit Number: VA0004138
 Outfall Number: 504

Sample Week: 2/26/17 - 3/4/17
 Report Due Date: March 10, 2017

Parameter	Units	Sample Date					
		Analytical Report Date	Daily Maximum Limitation	Permit QL			
Estimated Flow	MGD	2/27/2017	3/1/2017	3/2/2017	3/4/2017	3/8/2017	
pH	S.U.	9.0	9.0	7.5	7.5	0.444	0.466
Total Suspended Solids	mg/L	1.0	100.0	1.0	2.1	7.5	7.7
Oil & Grease	mg/L	5.0	20.0	<QL	<QL	2.1	<QL
Antimony, Total Recoverable	ug/L	5.0	2,100	7.6	7.8	<QL	<QL
Arsenic, Total Recoverable	ug/L	5.0	530	52.4	50.9	7.8	9.1
Cadmium, Total Recoverable	ug/L	1.0	3.2	<QL	<QL	50.9	52.9
Chromium III, Total Recoverable	ug/L	5.0	220	<QL	<QL	<QL	<QL
Chromium VI, Total Recoverable	ug/L	5.0	34	<QL	<QL	<QL	<QL
Copper, Total Recoverable	ug/L	5.0	23	<QL	<QL	<QL	<QL
Lead, Total Recoverable	ug/L	5.0	35	<QL	<QL	<QL	<QL
Mercury, Total Recoverable	ug/L	0.1	2.8	<QL	<QL	<QL	<QL
Nickel, Total Recoverable	ug/L	5.0	57	5.4	5.2	<QL	5.5
Selenium, Total Recoverable	ug/L	5.0	18	<QL	<QL	<QL	<QL
Silver, Total Recoverable	ug/L	0.4	5.0	<QL	<QL	<QL	<QL
Thallium, Total Recoverable	ug/L	1.0	1.4	<QL	<QL	<QL	<QL
Zinc, Total Recoverable	ug/L	25	210	<QL	<QL	<QL	<QL
Chloride	mg/L	10	820	43.3	38.5	<QL	7.5
Ammonia-N	mg/L	0.20	14	<QL	<QL	<QL	<QL
Hardness	mg/L	NA	NL	250	290	250	330

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

Dominion – Bremo Power Station

CCR Impoundment Closure Project

Weekly Status Report

Activities for the Week Ending: 3/4/2017

- 1.91 MG Centralized Source Water Treatment System (CSWTS)-treated water was discharged via Outfall 002.
- 2.62 MG of water from the Stormwater Management Pond was filtered and discharged via Outfall 002.
- Completed construction of internal East Pond to North Pond Haul Road and began transport of material to the North Pond.
- DEQ site visit conducted March 2, 2017.

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

- See ongoing activities.

**Bremo Power Station
Enhanced Metals Treatment Log - February 2017**

Date	Enhanced Metals Treatment Log - February 2017		
	ON (Time)	OFF (Time)	Reason(s) for Enhanced Treatment Activation
1-Feb		X	
2-Feb	X (21:42)		EMT ON because cadmium trigger value was reached.
3-Feb		X (03:18)	EMT OFF after all parameter values below trigger levels for 3 consecutive process samples.
4-Feb	X (12:14)	X (18:01)	EMT ON because cadmium trigger value was reached. EMT OFF after all parameter values below trigger levels for 3 consecutive process samples.
5-Feb	X (19:45)		EMT ON because cadmium trigger value was reached.
6-Feb	X		
7-Feb		X (20:45)	EMT OFF after all parameter values below trigger levels for 3 consecutive process samples.
8-Feb		X	
9-Feb		X	
10-Feb		X	
11-Feb	X (07:00)		EMT ON at project's discretion for system startup after a 3-day maintenance shutdown. EMT left in service to insure freeze protection in low temps.
12-Feb		X (12:15)	EMT OFF after all parameter values below trigger levels for 3 consecutive process samples.
13-Feb		X	
14-Feb		X	
15-Feb		X	
16-Feb		X	
17-Feb		X	
18-Feb		X	
19-Feb		X	
20-Feb		X	
21-Feb		X	
22-Feb		X	
23-Feb		X	
24-Feb		X	
25-Feb		X	
26-Feb		X	
27-Feb		X	
28-Feb		X	

NOTES: 1) All On/Off times are approximate