



Garry A. Whisnant  
Plant General Manager  
Asheville Steam Electric Plant

Duke Energy Progress  
ASVL PLT | 200 CP&L Dr  
Arden, NC 28704

April 10, 2019

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**ELECTRONIC SUBMITTAL**

Ms. Linda Culpepper, Interim Director  
North Carolina Division of Water Resources  
E-mail Address: [desocdata@ncdenr.gov](mailto:desocdata@ncdenr.gov)

**Subject: Duke Energy Progress, LLC  
Asheville Plant  
EMC SOC WQ S17-010  
NPDES Permit NC0000396  
1st Quarter 2019 - Monitoring Data Results**

Dear Ms. Culpepper:

In accordance with paragraph 2. d. 3) of the NC Environmental Management Commission Special Order by Consent, EMC SOC WQ S17-010, Duke Energy Progress, LLC is hereby submitting the monitoring results for the 1st quarter of 2019.

If you have any questions, please contact Ms. Tina Woodward (704) 382-4585.

*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 fines and imprisonment for knowing violations.*

Sincerely,

A handwritten signature in black ink, appearing to read "Garry A. Whisnant".

Mr. Garry Whisnant  
Plant Manager - Asheville station

Enclosures

Duke Energy Carolinas, LLC - Asheville Steam Station  
Special Order by Consent - SOC No. S17-010  
Monitoring Report for 1st Quarter of 2019

SAMPLING LOCATION	Date Sampled	TSS*	Oil and Grease*	pH	Fluoride	Mercury	Barium	Zinc	Arsenic	Boron	Cadmium	Chromium	Copper	Thallium	Lead	Nickel	Selenium	Nitrate/Nitrite as N	Bromides	Sulfates	Chlorides	TDS	Total Hardness	Temperature	Conductivity
		-	-	-	-	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	-	-	-	-	-	Total	-	-
		mg/L	mg/L	SU	ug/L	ng/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	°C
A-01	3/21/2019	8.4	< 5	6.1	< 100	5.90	90	< 5	< 1	541	< 0.1	< 1	< 1	< 0.2	< 0.2	< 1	2.62	1.1	0.15	51	39	170	87.5	10	270
B-01	3/21/2019	18	< 5	6.8	< 500	4.99	61	6.96	< 1	3570	< 0.1	2.59	1.78	< 0.2	1.31	2.97	< 1	0.73	1.5	150	180	850	417	8	894
C-01	3/21/2019	12	< 5	6.8	< 1000	<0.50	55	< 5	< 1	1390	0.101	< 1	< 1	< 0.2	< 0.2	3.91	< 1	0.12	< 1	220	63	830	314	10	1150
E-01	3/21/2019	150	< 5	6.5	< 500	5.26	91	< 5	< 1	416	< 0.1	< 1	< 1	< 0.2	< 0.2	2.66	< 1	0.04	< 0.5	110	34	250	140	10	487
F-01	3/21/2019	5.6	< 5	6.5	< 500	1.37	48	63.3	1.08	308	0.106	< 1	1.15	< 0.2	< 0.2	34.4	1.23	0.99	< 0.5	150	11	220	136	11	356
F-02	3/21/2019	9.4	< 5	6	< 500	1.66	14	16.8	< 1	< 50	0.101	< 1	5.49	< 0.2	1.55	2.1	< 1	< 0.01	< 0.5	180	21	250	108	10	436

\*Annual Monitoring Only

\*\*Duplicate was gathered at this location and the respective values averaged

Duke Energy Carolinas, LLC - Asheville Steam Station  
 Special Order by Consent - SOC No. S17-010  
 Monitoring Report for 1st Quarter of 2019

SAMPLING LOCATION	Date Sampled	TSS*	Oil and Grease*	pH	Fluoride	Mercury	Barium	Zinc	Arsenic	Boron	Cadmium	Chromium	Copper	Thallium	Lead	Nickel	Selenium	Nitrate/Nitrite as N	Bromides	Sulfates	Chlorides	TDS	Total Hardness	Temperature	Conductivity
		-	-	-	-	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	-	-	-	-	-	Total	-	-
		mg/L	mg/L	SU	ug/L	ng/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	°C
N-01 Downstream	3/21/2019	< 5	< 5	6.8	< 100	2.73	29	43.1	< 1	< 50	1.38	< 1	< 1	< 0.2	< 0.2	< 1	< 1	0.49	< 0.1	29	7.2	92	49.3	9	126
French Broad Upstream	3/21/2019	6.8	< 5	6.9	< 100	1.01	13	< 5	< 1	< 50	< 0.1	< 1	< 1	< 0.2	< 0.2	< 1	< 1	0.29	< 0.1	1.7	2	31	8.84	9	29
French Broad Downstream	3/21/2019	8.6	< 5	7.1	< 100	1.28**	13	< 5	< 1	< 50	< 0.1	< 1	< 1	< 0.2	0.24	< 1	< 1	0.27	< 0.1	1.8	2	25	8.98	8	33

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