



Garry A. Whisnant
Plant General Manager
Asheville Steam Electric Plant

Duke Energy Progress
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September 5, 2019

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ELECTRONIC SUBMITTAL

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

**Subject: Duke Energy Progress, LLC
Asheville Plant
EMC SOC WQ S17-010
NPDES Permit NC0000396
3rd 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 3rd quarter of 2019.

If you have any questions, please contact Mr. Robert Wylie (704) 382-4669 or Ms. Teresa Williams (828) 687-5240.

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,

Garry A. Whisnant
Asheville Plant Manager

Enclosures

Duke Energy Carolinas, LLC - Asheville Steam Station
Special Order by Consent - SOC No. S17-010
Monitoring Report for 3rd 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
		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	8/1/2019			7.4	< 100	5.41	79	13.2	< 1	564	0.13	1.3	< 1	0.358	0.391	< 1	2.58	0.95	0.16	54	27	146	85.8	20	274
B-01	8/1/2019			6.1	< 500	22.3	57	8.45	< 1	3700	< 0.1	< 1	< 1	< 0.2	0.679	1.53	< 1	0.18	1.3	130	150	602	351	21	845
C-01	8/1/2019			6.8	< 1000	0.712	70	37.5	12	3280	0.923	1.81	2.62	0.276	1.84	27.8	3.02	0.51	1.4	480	96	932	635	19	1270
E-01	8/1/2019	NO Flow																							
F-01	8/1/2019			6.6	< 500	0.881**	66	32.3	< 1	382	< 0.1	< 1	< 1	< 0.2	< 0.2	21.2	< 1	0.25	< 0.5	150	9.2	257	149	20	390
F-02	8/1/2019	NO Flow																							

*Annual Monitoring Only

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

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		-	-	-	-	Total	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	umho/cm
N-01 Downstream	8/1/2019			6.7	< 100	5.37	26	6.7	< 1	< 50	1.45	< 1	< 1	< 0.2	< 0.2	< 1	< 1	0.39	< 0.1	35	5.1	100	54.1	17	210	
French Broad Upstream	8/1/2019			6.9	< 100	4.27	24	< 5	< 1	< 50	< 0.1	< 1	1.18	< 0.2	1.21	< 1	< 1	0.36	< 0.1	1.6	3.4	52	11.8	21	56	
French Broad Downstream	8/1/2019			7.1	< 100	3.52	18	< 5	< 1	< 50	< 0.1	< 1	< 1	< 0.2	0.804	< 1	< 1	0.35	< 0.1	1.9	3.4	40	11.2	21	69	

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