



Garry A. Whisnant
Plant General Manager
Asheville Steam Electric Plant

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

January 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

**Subject: Duke Energy Progress, LLC
Asheville Plant
EMC SOC WQ S17-010
NPDES Permit NC0000396
4th Quarter 2018 - 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 4th quarter of 2018.

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,

Mr. Garry Whisnant
Plant Manager - Asheville station

Enclosures

CC: Ms. Teresa Williams
Ms. Tina Woodward
Mr. Chris Hallman

Duke Energy Carolinas, LLC - Asheville Steam Station
Special Order by Consent - SOC No. S17-010
Monitoring Report for 4th Quarter of 2018

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	11/28/2018	6.6	< 5	6.1	< 100	2.21	102	5.3	< 1	553	< 0.1	< 1	< 1	< 0.2	0.446	< 1	1.46	0.92	0.16	47	49	150	93.1	6	311
B-01	11/28/2018	< 5	< 5	7	< 1000	6.49	55	< 5	< 1	4350	< 0.1	< 1	< 1	< 0.2	< 0.2	1.17	< 1	1.1	1.9	180	220	650	498	6	1110
C-01	11/28/2018	< 5	< 5	6.9	< 1000	1.12	51	13.4	< 1	2280	0.316	< 1	< 1	< 0.2	< 0.2	17.7	1.16	0.24	1.1	390	99	760	560	7	1130
E-01	11/28/2018	60	< 5	6.4	< 500	0.722	67	13.1	< 1	368	< 0.1	< 1	< 1	< 0.2	0.584	6.77	< 1	0.04	< 0.5	120	32	240	139	4	415
F-01	11/28/2018	7.4	< 5	5.9	< 500	1.58	42	76.3	1.29	212	0.152	< 1	5.8	< 0.2	< 0.2	41.2	< 1	0.67	< 0.5	140	8.2	180	110	5	295
F-02	11/28/2018	7.2	< 5	6.2	< 500	1.48	52	< 5	< 1	322	< 0.1	< 1	< 1	< 0.2	< 0.2	< 1	< 1	0.06	< 0.5	170	24	280	175	4	436
N-01 Downstream	11/28/2018	< 5	< 5	6.8	< 100	1.54	28	12	< 1	< 50	1.41	< 1	< 1	< 0.2	< 0.2	< 1	< 1	0.52	< 0.1	34	4.6	76	57.3	5	149
French Broad Upstream	11/28/2018	6.4	< 5	7	< 100	1.58	13	< 5	< 1	< 50	< 0.1	< 1	< 1	< 0.2	0.261	< 1	< 1	0.31	< 0.1	2	2	35	10	6	46
French Broad Downstream	11/28/2018	5.4	< 5	6.9	< 100	1.32**	12	< 5	< 1	< 50	< 0.1	< 1	< 1	< 0.2	< 0.2	< 1	< 1	0.31	< 0.1	2.2	2.1	< 25	9.93	4	52.4

*Annual Monitoring Only

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