



Antonio D. Price, P.E.  
Plant General Manager  
Asheville Combined Cycle Station

Duke Energy Progress  
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July 15, 2020

ELECTRONIC SUBMITTAL

Mr. S. Daniel Smith, 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  
2nd Quarter 2020 - Monitoring Data Results**

Dear Mr. Smith:

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 2nd quarter of 2020.

Please note that a field error obtaining pH at location F-02 on April 22, 2020 occurred. Upon discovery, the location F-02 was resampled on April 28, 2020.

If you have any questions, please contact Mr. Robert Wylie (704) 382-4669 or Ms. Teresa Williams (828) 650-0610.

*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 that reads "Antonio Price".

Antonio D. Price, P.E.  
Asheville Station Manager

Enclosures

Duke Energy Carolinas, LLC - Asheville Steam Station  
Special Order by Consent - SOC No. S17-010  
Monitoring Report for 2nd Quarter of 2020

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	umho/cm
N-01 Downstream	4/21/2020	9.2	< 5	7	< 100	8.52	29	6.3	< 1	< 50	1.19	1.3	< 1	< 0.2	0.223	< 1	< 1	0.31	< 0.1	38	5	113	60.7	9.2	217	

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

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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	4/22/2020	74	< 5	6.2	< 100	7.83	100	7.55	< 1	455	< 0.1	1.57	< 1	< 0.2	1.07	1.13	2.62	0.85	0.12	44	29	143	78.8	19	243
B-01	4/22/2020	< 2.5	< 5	6.8	< 500	7.64	46	< 5	< 1	2360	< 0.1	< 1	< 1	< 0.2	< 0.2	1.69	< 1	0.32	0.64	120	92	365	247	18	557
C-01	4/22/2020	6.5	< 5	6.5	< 500	0.507	37	8.86	< 1	3270	0.358	< 1	< 1	< 0.2	< 0.2	15.9	1	0.56	1.1	360	100	796	555	16	920
E-01	4/22/2020	< 2.5	< 5	6.2	< 200	<0.500	39	34.8	< 1	219	< 0.1	< 1	< 1	< 0.2	< 0.2	19.8	< 1	0.27	< 0.2	100	8.4	190	109	13	266
F-01	4/22/2020	7.5	< 5	6.3	< 200	0.917	44	47.8	< 1	223	< 0.1	< 1	< 1	< 0.2	< 0.2	22.9	< 1	0.49	< 0.2	110	7.9	189	116	12	283
F-02	4/22/2020	14	< 5	***	< 500	2.18	43	< 5	< 1	290	< 0.1	< 1	< 1	< 0.2	< 0.2	< 1	< 1	0.01	< 0.5	200	15	342	217	13	454

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\*\*\* Error in field pH instrument, resampled on 4/28/2020

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		-	-	-	-	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
French Broad Upstream	4/22/2020			7	< 100	1,71**	13	< 5	< 1	< 50	< 0.1	< 1	< 1	< 0.2	0.33	< 1	< 1	0.25	< 0.1	1.6	1.9	35	9.23	13	189
French Broad Downstream	4/22/2020			7.1	< 100	1.67	13	< 5	< 1	< 50	< 0.1	< 1	< 1	< 0.2	0.345	< 1	< 1	0.25	< 0.1	1.9	1.9	31	9.4	16	40.9

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		-	-	-	-	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
F-02	4/28/2020	8.6	< 5	6.3	< 500	0.786	44	< 5	< 1	314	< 0.1	< 1	< 1	< 0.2	< 0.2	< 1	< 1	< 0.01	< 0.5	220	16	360	226	13	494	

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