



Roxboro Steam Station
1700 Dunnaway Road
Semora, NC 27343

November 15, 2018

ELECTRONIC SUBMITTAL

Ms. Linda Culpepper, Interim Director
North Carolina Division of Water Resources

Address: desocdata@ncdenr.gov

Subject: Duke Energy Progress, LLC
Roxboro Steam Station
EMC SOC WQ S18-005
4th Quarter 2018 - Monitoring Data Results

Dear Ms. Culpepper:

In accordance with paragraph 2. e. 3) of the NC Environmental Management Commission Special Order by Consent, EMC SOC WQ S18-005, Duke Energy Progress, LLC is hereby submitting the monitoring results for the 4th quarter of 2018.

If you have any questions, please contact Ms. Lori Tollie (336) 854-4916.

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 blue ink, appearing to read "Jason Haynes".

Jason Haynes
General Manager III
Roxboro Steam Station

Duke Energy Carolinas, LLC - Roxboro Steam Station
 Special Order by Consent - SOC No. S18-005
 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
S-18	10/28/2018			8.1	< 1000	0.577	20	< 5	< 1	1610	< 0.1	< 1	9.23	< 0.2	< 0.2	5.94	< 1	0.02	1.1	480	28	920	618	16	1300
S-20	10/25/2018			7.4	< 1000	0.793	75	< 5	< 1	334	< 0.1	< 1	< 1	< 0.2	< 0.2	< 1	< 1	0.02	< 1	270	19	580	367	13	837
Instream UT Hyco Lake S-13	10/25/2018			7.5	120	0.792**	51	< 5	1.36	805	< 0.1	< 1	1.21	< 0.2	< 0.2	< 1	< 1	0.02	0.31	110	9.5	290	175	13	425

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