



Mayo Steam Station
10660 Boston Road
Roxboro, NC 27574

November 28, 2018

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

Address: desocdata@ncdenr.gov

Subject: Duke Energy Progress, LLC
Mayo 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 "Tom Copolo".

Tom Copolo
General Manager II
Mayo Steam Station

Duke Energy Carolinas, LLC - Mayo 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	-	-	-	-	-	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	
Instream Crutchfield Branch	10/16/2018	< 5	< 5	7.5	100	4.36**	45	7.23	< 1	894	< 0.1	< 1	< 1	< 0.2	< 0.2	< 1	< 1	0.1	0.42	23	34	160	86.9	19	274		

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

Certified Mail

11/30/18

7017 2026 0000 7817 2730

2 Copies Certified

1 Copy sent via email desocdata@ncdenr.gov