

**Upper Cape Fear River Basin Association QA/QC Committee Report
From QA/QC Data Review Meeting of Thursday, October 21, 2021**

- Reviewers: Chair: Dawn Molnar (High Point), Alicia Goots (City of Greensboro),
Martie Groome (City of Greensboro), Grace Messinger (PTRC)

Water Quality Standard (WQS) Exceedances July 2021 through September 2021

July 2021 Upper Cape Fear Monitoring Data - WQS Violations				
UCFRBA Site #	Date	Parameter	Reported Value	NC WQ Standard
19	7/30/2021	Dissolved Oxygen	3.1 mg/l	≥ 4.0 mg/l
21	7/30/2021	Dissolved Oxygen	3.8 mg/l	≥ 4.0 mg/l
27	7/8/2021	Turbidity	69.0 NTU	50 NTU
41	7/8/2021	Turbidity	61.0 NYU	50 NTU
42	7/8/2021	Turbidity	73.7 NTU	50 NTU
45	7/8/2021	Turbidity	246 NTU	50 NTU
46	7/8/2021	Turbidity	243 NTU	50 NTU

August 2021 Upper Cape Fear Monitoring Data – WQS Violations				
UCFRBA Site #	Date	Parameter	Reported Value	NC WQ Standard
18	8/12/2021	Dissolved Oxygen	3.4 mg/l	≥ 4.0 mg/l
18	8/24/2021	Dissolved Oxygen	3.4 mg/l	≥ 4.0 mg/l
19	8/27/2021	Dissolved Oxygen	3.6 mg/l	≥ 4.0 mg/l
19	8/6/2021	Dissolved Oxygen	3.4 mg/l	≥ 4.0 mg/l
26	8/12/2021	Dissolved Oxygen	3.9 mg/l	≥ 4.0 mg/l
31	8/13/2021	Dissolved Oxygen	3.6 mg/l	≥ 4.0 mg/l
44	8/24/2021	Dissolved Oxygen	3.4 mg/l	≥ 4.0 mg/l
46	8/12/2021	Dissolved Oxygen	3.8 mg/l	≥ 4.0 mg/l
12	8/17/2021	Turbidity	66.9 NTU	50 NTU
22	8/27/2021	Turbidity	61.0 NTU	50 NTU

September 2021 Upper Cape Fear Monitoring Data – WQS Violations				
UCFRBA Site #	Date	Parameter	Reported Value	NC WQ Standard
18	9/14/2021	Dissolved Oxygen	3.1 mg/l	≥ 4.0 mg/l

Upper Cape Fear Monitoring Data Corrections/Notations July 2021 – Sept 2021

July 2021 through September 2021 – Upper Cape Fear Data Notations/Corrections				
Parameter	UCFRBA Site#	Date	Reported Value	Corrected Value
NONE!				

NOTE: Almost 2000 data points were reviewed and not a single error was found! Great job by the Meritech Laboratory!

OTHER ISSUES AND COMMENTS

Observation: Sites 45 and 46 had noticeably higher values for several parameters during this quarter: Fecal Coliform (July), Ammonia, TKN and Nitrate/Nitrite (Aug-Sep), TSS (July)

Revision Date: October 21, 2021