

**Upper Cape Fear River Basin Association QA/QC Committee Report  
From QA/QC Data Review Meeting of Monday, October 23, 2023**

*Reviewers: Chair: Dawn Molnar (High Point), Alicia Goots (Greensboro), Amy Varinoski (Greensboro), Elaine Sellars (High Point), Martie Groome (Greensboro)*

**Water Quality Standard (WQS) Exceedances July 2023 through September 2023**

<b>July 2023 Upper Cape Fear Monitoring Data - WQS Violations</b>				
<b>UCFRBA Site #</b>	<b>Date</b>	<b>Parameter</b>	<b>Reported Value</b>	<b>NC WQ Standard</b>
2	7/5/2023	Dissolved Oxygen	3.8	≥4.0 mg/l
19	7/28/2023	Dissolved Oxygen	2.9	≥4.0 mg/l
21	7/28/2023	Dissolved Oxygen	3.4	≥4.0 mg/l
26	7/31/2023	Dissolved Oxygen	3.6	≥4.0 mg/l

<b>August 2023 Upper Cape Fear Monitoring Data – WQS Violations</b>				
<b>UCFRBA Site #</b>	<b>Date</b>	<b>Parameter</b>	<b>Reported Value</b>	<b>NC WQ Standard</b>
20	8/31/2023	Turbidity	89.9	50 NTU
23	8/31/2023	Turbidity	67.0	50 NTU
1	8/25/2023	Dissolved Oxygen	2.9	≥4.0 mg/l
18	8/29/2023	Dissolved Oxygen	3.8	≥4.0 mg/l
19	8/18/2023	Dissolved Oxygen	3.9	≥4.0 mg/l
43	8/29/2023	Dissolved Oxygen	2.9	≥4.0 mg/l

<b>September 2023 Upper Cape Fear Monitoring Data – WQS Violations</b>				
<b>UCFRBA Site #</b>	<b>Date</b>	<b>Parameter</b>	<b>Reported Value</b>	<b>NC WQ Standard</b>
1	9/15/2023	Dissolved Oxygen	2.3	≥4.0 mg/l
18	9/7/2023	Dissolved Oxygen	3.6	≥4.0 mg/l
19	9/7/2023	Dissolved Oxygen	1.6	≥4.0 mg/l
30	9/8/2023	Dissolved Oxygen	3.7	≥4.0 mg/l
45	9/8/2023	Dissolved Oxygen	3.7	≥4.0 mg/l

<b>July 2023 through September 2023 – Upper Cape Fear Data Corrections/Notations</b>				
<b>Parameter</b>	<b>UCFRBA Site#</b>	<b>Date</b>	<b>Reported Value</b>	<b>Corrected Value</b>
Fecal Coliform	2	8/25/2023	524	500
Fecal Coliform	3	8/25/2023	219	210
Fecal Coliform	6	8/28/2023	>600	>12,000
Fecal Coliform	14	8/28/2023	267	270
Fecal Coliform	18	8/15/2023	210	200
Fecal Coliform	32	8/24/2023	343	330
Fecal Coliform	34	8/24/2023	238	220
Fecal Coliform	36	8/24/2023	22	23
Fecal Coliform	37	8/24/2023	41	42
Fecal Coliform	5	9/19/2023	219	210
Fecal Coliform	6	9/19/2023	305	320
Fecal Coliform	7	9/19/2023	256	240
Fecal Coliform	14	9/19/2023	305	310
Fecal Coliform	19	9/22/2023	200	210
Fecal Coliform	20	9/22/2023	381	370
Fecal Coliform	24	9/22/2023	219	220
Fecal Coliform	28	9/15/2023	43	420
Fecal Coliform	29	9/15/2023	314	330
Fecal Coliform	32	9/14/2023	352	330
Fecal Coliform	33	9/15/2023	267	270
Fecal Coliform	37	9/14/2023	210	200
Fecal Coliform	39	9/14/2023	476	450
Fecal Coliform	44	9/20/2023	190	200

<b>OTHER ISSUES and COMMENTS</b>
Site 33 – Date recorded incorrectly on data sheet - 7/19/2023 should be 7/5/2023

***Revision Date: October 23, 2023***