

**Upper Cape Fear River Basin Association QA/QC Committee Report
From QA/QC Data Review Meeting of August 7, 2018**

Reviewers: Chair: Dawn Wilson (High Point), Elaine Sellars (High Point), Glenn McGirt (Burlington), Martie Groome (City of Greensboro), Alicia Goots (City of Greensboro)

Water Quality Standard (WQS) Exceedances April 2018 through June 2018

April 2018 Upper Cape Fear Monitoring Data				
UCFRBA Site #	Date	Parameter	Reported Value	NC WQ Standard
Site 9	4-17-18	Turbidity	57.6	50 NTU
<i>Site 9: Haw River at SR 1700 (Lower Hopedale Road) near Hopedale</i>				
Site 13	4-17-18	Turbidity	75.3	50 NTU
<i>Site 13: Haw River at NC 54 near Graham</i>				

May 2018 Upper Cape Fear Monitoring Data				
UCFRBA Site #	Date	Parameter	Reported Value	NC WQ Standard
Site 20	5-22-18	Turbidity	69.0	50 NTU
<i>Site 20: New Hope Creek at SR 1107 Stagecoach Road near Blands</i>				
Site 22	5-22-18	Turbidity	99.8	50 NTU
<i>Site 22: Northeast Creek at SR 1731 O'Kelly Church Road near Durham</i>				
Site 23	5-22-18	Turbidity	70.9	50 NTU
<i>Site 23: Third Fork at NC 54 near Durham</i>				

June 2018 Upper Cape Fear Monitoring Data				
UCFRBA Site #	Date	Parameter	Reported Value	NC WQ Standard
Site 2	6-22-18	Turbidity	62.5	50 NTU
<i>Site 2: Haw River at US 29 Business near Benaja</i>				
Site 3	6-22-18	Turbidity	272	50 NTU
<i>Site 3: Haw River at SR 2620/2614 High Rock Road near Williamsburg</i>				
Site 19	6-11-18	Turbidity	145	50 NTU
<i>Site 19: Hope Creek at NC 54 near Durham</i>				
Site 20	6-11-18	Turbidity	266	50 NTU
<i>Site 20: New Hope Creek at SR 1107 Stagecoach Road near Blands</i>				
Site 23	6-11-18	Turbidity	101.0	50 NTU
<i>Site 23: Third Fork at NC 54 near Durham</i>				

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April 2018 through June 2018 – Upper Cape Fear Data Notations/Corrections				
Parameter	UCFRBA Site#	Date	Reported Value	Corrected Value
Temperature	27	4/30/2018	16.8 mg/l	16.9 mg/l
TSS	7	6/29/2018	3.3 mg/l	<2.5 mg/l
TSS	34	6/19/2018	5 mg/l	3.7 mg/l
Ammonia	26	4/30/2018	0.05 mg/l	0.04 mg/l
Ammonia	25	5/22/2018	0.02 mg/l	<0.02 mg/l
Ammonia	3	6/22/2108	0.06 mg/l	0.05 mg/l
Ammonia	36	6/19/2018	0.02 mg/l	<0.02 mg/l
Nitrate-Nitrite	25	4/11/2018	3.11 mg/l	2.27 mg/l
Nitrate-Nitrite	22	6/11/2018	2.23 mg/l	Result Out of Curve Range: High Std. was 2.0 mg/l
TKN	19	6/11/2018	1.34 mg/l	1.35 mg/l

OTHER DATA ISSUES AND CORRECTIONS
No 10.0 final Turbidity check standard on 5-22-2018 data (data from sites 19, 20, 22, 23, 24, 25)

Revision Date: August 7, 2018