

**Upper Cape Fear River Basin Association QA/QC Committee Report
From QA/QC Data Review Meeting of Friday, July 21, 2017**

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

Water Quality Standard (WQS) Exceedances April 2017 through June 2017

April 2017 Upper Cape Fear Monitoring Data				
UCFRBA Site #	Date	Parameter	Reported Value	NC WQ Standard
17	4/25/2017	Turbidity	99.2 NTU	50 NTU
<i>Site 17 = Haw River at SR1713 near Bynum</i>				
27	4/25/2017	Turbidity	233 NTU	50 NTU
<i>Site 27 = Deep Riv at SR 1011 Old US 1 near Moncure</i>				
41	4/25/2017	Turbidity	142 NTU	50 NTU
<i>Site 41 = Deep River at Deep River Park Bridge near Cumnock</i>				
42	4/25/2017	Turbidity	272 NTU	50 NTU
<i>Site 42 = Deep River at US 15 And 501 near Sanford</i>				
43	4/25/2017	Turbidity	64.5 NTU	50 NTU
<i>Site 43 = Rocky River at US 64 near Siler City</i>				
44	4/25/2017	Turbidity	84.1 NTU	50 NTU
<i>Site 44 = Rocky River at SR 2170 Rives Chapel Rd near Siler City</i>				
45	4/25/2017	Turbidity	76.5 NTU	50 NTU
<i>Site 45 = Loves Creek at Waste Treatment Plant Rd in Siler City</i>				
46	4/25/2017	Turbidity	70.6 NTU	50 NTU
<i>Site 46 = Loves Creek at Progress Blvd at Siler City</i>				

May 2017 Upper Cape Fear Monitoring Data				
UCFRBA Site #	Date	Parameter	Reported Value	NC WQ Standard
NO WQS EXCEEDANCES				

June 2017 Upper Cape Fear Monitoring Data				
UCFRBA Site #	Date	Parameter	Reported Value	NC WQ Standard
16	6/20/2017	Turbidity	104 NTU	50 NTU
<i>Site 16 = Haw River at SR 1005 Greensboro-Chapel Hill Rd near Saxpahaw</i>				
17	6/20/2017	Turbidity	310 NTU	50 NTU
<i>Site 17 = Haw River at SR1713 near Bynum</i>				
44	6/20/2017	Turbidity	68.1 NTU	50 NTU
<i>Site 44 = Rocky River at SR 2170 Rives Chapel Rd near Siler City</i>				
45	6/20/2017	Turbidity	79.6 NTU	50 NTU
<i>Site 45 = Loves Creek at Waste Treatment Plant Rd in Siler City</i>				
19	6/21/2017	Turbidity	54.6 NTU	50 NTU
<i>Site 19 = New Hope Creek at NC54 near Durham</i>				
20	6/21/2017	Turbidity	74.6 NTU	50 NTU
<i>Site 20 = New Hope Creek at SR 1107 Stagecoach Rd near Blands</i>				

June 2017 Upper Cape Fear Monitoring Data (continued)				
UCFRBA Site #	Date	Parameter	Reported Value	NC WQ Standard
22	6/21/2017	Turbidity	155 NTU	50 NTU
<i>Site 22 = Northeast Creek at SR 1731 O Kelly Church Road near Durham</i>				
23	6/21/2017	Turbidity	89.8 NTU	50 NTU
<i>Site 23 = Third Fork Creek at NC 54 near Durham</i>				

**Upper Cape Fear River Basin Association QA/QC Committee Report
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April 2017 through June 2017 – Upper Cape Fear Data Notations/Corrections				
Parameter	UCFRBA Site#	Date	Reported Value	Corrected Value
TSS	6	4/4/2017	150 mg/l	15 mg/l
TSS	27	6/20/2017	20 mg/l**	19 mg/l
TSS	31	6/7/2017	7 mg/l**	6 mg/l
Turbidity	42	6/20/2017	4.6 NTU	4.3 NTU
NO2/NO3	46	4/25/2017	0.75 mg/l	0.74 mg/l
TKN	1	5/23/2017	U(<) 0.58 mg/l	0.58 mg/l

OTHER DATA ISSUES AND CORRECTIONS
** double rounding-May or may not be an issue

Revision Date: July 21, 2017