Ambient Monitoring System Station Summaries
NCDENR, Division of Water Quality
Basinwide Assessment Report

Location: RICH FORK CRK AT SR 1755 NR HIGH POINT

Station #: Q5750000 **Hydrologic Unit Code:** 03040103
Latitude: 35.94891 **Longitude:** -80.10170 **Stream class:** C
Agency: YPDRBA **NC stream index:** 12-119-7

Time period: 01/25/2005 to 10/20/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	77	0	<4	0	0		5.5	6.2	6.5	7.4	9.2	10.4	12.5
	77	0	<5	0	0		5.5	6.2	6.5	7.4	9.2	10.4	12.5
pH (SU)	77	0	<6	0	0		6.5	6.7	6.8	6.9	7.1	7.2	7.3
	77	0	>9	0	0		6.5	6.7	6.8	6.9	7.1	7.2	7.3
Spec. conductance (umhos/cm at 25°C)	77	0	N/A				72	120	145	170	196	224	394
Water Temperature (°C)	77	0	>32	0	0		3.7	6.9	10.7	16.5	22.1	22.9	24.4
Other													
Turbidity (NTU)	50	0	>50	5	10	61.6	2.1	4.1	5.7	8.6	19.2	53.5	230
Nutrients (mg/L)													
NH3 as N	50	11	N/A				0.01	0.01	0.01	0.04	0.07	0.15	0.56
NO2 + NO3 as N	50	1	N/A				0.01	0.03	0.07	0.14	0.22	0.31	5.44
TKN as N	50	10	N/A				0.2	0.2	0.21	0.32	0.48	0.85	1.87
Total Phosphorus	50	2	N/A				0.02	0.05	0.07	0.09	0.11	0.17	0.54

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
50	74.2	1	2	

Key:
result: number of observations
ND: number of observations reported to be below detection level (non-detect)
EL: Evaluation Level; applicable numeric or narrative water quality standard or action level
Results not meeting EL: number and percentages of observations not meeting evaluation level
%Conf : States the percent statistical confidence that the actual percentage of exceedances is at least 10% (20% for Fecal Coliform)
Stations with less than 10 results for a given parameter were not evaluated for statistical confidence