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

Location: RICH FORK CRK AT SR 1792 NR HIGH POINT

Station #: Q5785000 **Hydrologic Unit Code:** 03040103
Latitude: 35.89843 **Longitude:** -80.14540 **Stream class:** C
Agency: YPDRBA **NC stream index:** 12-119-7

Time period: 01/25/2005 to 12/15/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	85	0	<4	0	0		4.2	4.4	5.2	5.6	7.3	8.9	10.9
	85	0	<5	15	17.6	99	4.2	4.4	5.2	5.6	7.3	8.9	10.9
pH (SU)	85	0	<6	0	0		6.2	6.4	6.5	6.7	7	7.3	7.4
	85	0	>9	0	0		6.2	6.4	6.5	6.7	7	7.3	7.4
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				84	189	216	247	310	376	494
Water Temperature (°C)	85	0	>32	0	0		4.6	7	9.5	17.1	22.4	23.6	25.4
Other													
Turbidity (NTU)	60	0	>50	6	10	60.6	4.3	6.3	9.5	18	25.8	53.6	370
Nutrients (mg/L)													
NH3 as N	60	7	N/A				0.01	0.01	0.04	0.08	0.13	0.16	0.82
NO2 + NO3 as N	60	0	N/A				0.54	0.93	1.72	3.42	5.06	6.37	8.32
TKN as N	60	3	N/A				0.2	0.46	0.6	0.79	1.03	1.53	3.08
Total Phosphorus	60	0	N/A				0.07	0.1	0.15	0.21	0.31	0.41	0.81

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	134	12	20	

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