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

Location: RICHARDSON CRK AT SR 1751 WALKUP AVE AT MONROE

Station #: Q8800000 **Hydrologic Unit Code:** 03040105
Latitude: 34.98970 **Longitude:** -80.50965 **Stream class:** C
Agency: YPDRBA **NC stream index:** 13-17-36-(5)

Time period: 01/27/2005 to 12/17/2009

	# 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		5.7	6.3	6.5	7.3	9.5	10.3	13.4
	85	0	<5	0	0		5.7	6.3	6.5	7.3	9.5	10.3	13.4
pH (SU)	85	0	<6	0	0		6.7	6.7	6.8	6.9	7.1	7.2	7.3
	85	0	>9	0	0		6.7	6.7	6.8	6.9	7.1	7.2	7.3
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				104	130	141	169	192	214	270
Water Temperature (°C)	85	0	>32	0	0		2.9	5.9	9.9	18.1	21.6	23.4	25.8
Other													
Turbidity (NTU)	60	0	>50	3	5		1.8	3.5	5.4	9.9	18.5	44.5	210
Nutrients (mg/L)													
NH3 as N	60	5	N/A				0.01	0.01	0.03	0.06	0.11	0.17	0.84
NO2 + NO3 as N	60	1	N/A				0.01	0.72	2.37	6.67	12.59	15.08	18.12
TKN as N	60	0	N/A				0.47	0.71	0.88	1.06	1.37	1.95	4
Total Phosphorus	60	0	N/A				0.1	0.27	0.41	1.09	1.65	1.94	2.96

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	67	0	0	

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