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

Location: RICHARDSON CRK AT SR 1006 NR MONROE

Station #: Q8820000 **Hydrologic Unit Code:** 03040105
Latitude: 35.03220 **Longitude:** -80.47163 **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		5.8	6.4	6.6	7.2	9.5	10.4	13.3
	85	0	<5	0	0		5.8	6.4	6.6	7.2	9.5	10.4	13.3
pH (SU)	85	0	<6	0	0		6.6	6.8	6.8	6.9	7	7.2	7.4
	85	0	>9	0	0		6.6	6.8	6.8	6.9	7	7.2	7.4
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				106	134	158	190	214	246	978
Water Temperature (°C)	85	0	>32	0	0		3.2	5.8	10.1	18.4	22	23.4	25.4
Other													
Turbidity (NTU)	59	0	>50	5	8.5		1.8	2.2	3.5	6.1	12	50	290
Nutrients (mg/L)													
NH3 as N	60	8	N/A				0.01	0.01	0.02	0.06	0.12	0.25	0.73
NO2 + NO3 as N	60	0	N/A				0.84	1.74	4.81	16.38	25.54	30.57	34.1
TKN as N	60	0	N/A				0.28	0.96	1.23	1.52	1.84	2.19	2.85
Total Phosphorus	60	0	N/A				0.05	0.53	0.69	2.02	3.19	3.79	5.75

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	63.9	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