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

Location: COLD WATER CRK AT SR 1132 MIAMI CHURCH RD NR CONCORD

Station #: Q8200000 **Hydrologic Unit Code:** 03040105
Latitude: 35.36242 **Longitude:** -80.53033 **Stream class:** C
Agency: YPDRBA **NC stream index:** 13-17-9-4-(1.5)

Time period: 01/26/2005 to 12/16/2009

	# 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		4.8	5.6	6	7.1	9.3	10.6	12
	85	0	<5	1	1.2		4.8	5.6	6	7.1	9.3	10.6	12
pH (SU)	85	0	<6	0	0		6.5	6.6	6.7	6.8	7	7.2	7.3
	85	0	>9	0	0		6.5	6.6	6.7	6.8	7	7.2	7.3
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				87	126	153	190	216	259	323
Water Temperature (°C)	85	0	>32	0	0		5	6.3	9.7	19.3	22.8	24.7	28.4
Other													
Turbidity (NTU)	60	0	>50	7	11.7	75.2	2.9	4.6	5.8	8.5	15.8	79.5	140

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	116.9	4	6.7	

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