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

Location: CAPE FEAR RIV UPS INDIAN CREEK NR PHOENIX

Station #: B9030000 **Hydrologic Unit Code:** 03030005
Latitude: 34.30278 **Longitude:** -78.01406 **Stream class:** C Sw
Agency: LCFRP **NC stream index:** 18-(63)

Time period: 01/12/2005 to 12/10/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Percentiles Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	138	0	N/A				2.8	3.6	4.1	4.9	6.4	9	11.6
pH (SU)	138	0	<4.3	0	0		5.9	6.5	6.7	6.8	6.9	7	7.6
	138	0	>9	0	0		5.9	6.5	6.7	6.8	6.9	7	7.6
Spec. conductance (umhos/cm at 25°C)	138	6	N/A				83	101	137	178	240	370	13550
Water Temperature (°C)	138	0	>32	0	0		6	12	20.5	26	29	30	31.7
Other													
TSS (mg/L)	60	0	N/A				4	5	7	10	14	20	43
Nutrients (mg/L)													
NH3 as N	60	3	N/A				0.01	0.02	0.04	0.05	0.08	0.12	0.17
NO2 + NO3 as N	60	0	N/A				0.05	0.19	0.38	0.5	0.63	0.8	1.73
TKN as N	60	0	N/A				0.2	0.5	0.6	0.8	0.98	1.29	2
Total Phosphorus	60	0	N/A				0.06	0.08	0.1	0.12	0.14	0.18	0.46

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	33.6	1	1.7	

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