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

Location: PEE DEE RIV AT BOAT RAMP AT MORROW MOUNTAIN STATE PARK

Station #: Q6960000 **Hydrologic Unit Code:** 03040104

Latitude: 35.37970 **Longitude:** -80.06130 **Stream class:** WS-IV&B CA

Agency: YPDRBA **NC stream index:** 13-(1)

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

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Percentiles Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	85	0	<4	0	0		5.7	6.5	6.7	7.4	9.9	10.5	12.1
	85	0	<5	0	0		5.7	6.5	6.7	7.4	9.9	10.5	12.1
pH (SU)	85	0	<6	0	0		6.9	6.9	7	7.1	7.2	7.3	7.3
	85	0	>9	0	0		6.9	6.9	7	7.1	7.2	7.3	7.3
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				76	102	114	127	144	161	206
Water Temperature (°C)	85	0	>32	0	0		4.1	7.5	12	19.5	23.4	24.5	25.9
Other													
Chlorophyll a (ug/L)	12	0	>40	1	8.3		5	6	10	18	25	40	41
Turbidity (NTU)	60	0	>50	0	0		2.7	3.2	4.3	7.1	14.8	25	45
Nutrients (mg/L)													
NH3 as N	60	12	N/A				0.01	0.01	0.01	0.04	0.07	0.09	0.18
NO2 + NO3 as N	60	3	>10	0	0		0.01	0.04	0.22	0.44	0.89	1.19	6.05
TKN as N	60	3	N/A				0.2	0.27	0.38	0.56	0.75	0.96	3.25
Total Phosphorus	60	1	N/A				0.02	0.05	0.07	0.11	0.15	0.25	18.02

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	42.9	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