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

Location: PEE DEE RIV AT NC 24 NC 27 AND NC 73 NR ALBEMARLE

Station #: Q7030000 **Hydrologic Unit Code:** 03040104

Latitude: 35.30825 **Longitude:** -80.07972 **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	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	85	0	<4	0	0		5.6	6.5	6.6	7.3	9.9	10.5	12.4
	85	0	<5	0	0		5.6	6.5	6.6	7.3	9.9	10.5	12.4
pH (SU)	85	0	<6	0	0		6.8	6.9	6.9	7.1	7.2	7.2	7.4
	85	0	>9	0	0		6.8	6.9	6.9	7.1	7.2	7.2	7.4
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				84	105	114	129	144	163	192
Water Temperature (°C)	85	0	>32	0	0		4	7.4	12.2	19.4	23.7	24.6	26.1
Other													
Chlorophyll a (ug/L)	12	0	>40	0	0		4	6	12	16	21	28	30
TSS (mg/L)	60	0	N/A				1.3	3.1	4	6	8.4	12.9	37
Turbidity (NTU)	60	0	>50	0	0		1.9	3.4	4.9	7	12	20.7	50
Nutrients (mg/L)													
NH3 as N	60	11	N/A				0.01	0.01	0.01	0.04	0.07	0.1	0.2
NO2 + NO3 as N	60	9	>10	0	0		0.01	0.01	0.06	0.2	0.4	0.44	0.53
TKN as N	60	1	N/A				0.2	0.29	0.39	0.53	0.7	0.93	3.51
Total Phosphorus	60	1	N/A				0.02	0.05	0.05	0.07	0.09	0.14	0.49

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	42.4	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