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

Location: TAR RIV AT NC 33 NR TARBORO

Station #: O4100000 **Hydrologic Unit Code:** 03020101

Latitude: 35.92844 **Longitude:** -77.54984 **Stream class:** WS-IV NSW

Agency: TPBA **NC stream index:** 28-(74)

Time period: 03/13/2007 to 12/09/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	48	0	<4	0	0		5.5	5.6	6.2	7.2	9.8	10.6	13.4
	48	0	<5	0	0		5.5	5.6	6.2	7.2	9.8	10.6	13.4
pH (SU)	49	0	<6	1	2		5.9	6.5	6.7	7	7.3	7.5	7.9
	49	0	>9	0	0		5.9	6.5	6.7	7	7.3	7.5	7.9
Spec. conductance (umhos/cm at 25°C)	49	0	N/A				67	84	96	120	164	214	360
Water Temperature (°C)	49	0	>32	0	0		5.6	9.2	13.6	22.5	26.6	28.3	29.9
Other													
Turbidity (NTU)	34	0	>50	1	2.9		2	2.8	4.2	13	26.5	42.5	60
Nutrients (mg/L)													
NH3 as N	34	7	N/A				0.01	0.01	0.02	0.04	0.1	0.17	0.79
NO2 + NO3 as N	34	0	>10	0	0		0.09	0.14	0.26	0.38	0.57	0.82	1.34
TKN as N	34	2	N/A				0.2	0.27	0.49	0.59	1	1.47	1.93
Total Phosphorus	34	1	N/A				0.02	0.04	0.07	0.11	0.19	0.33	0.6

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
34	84.8	6	17.6	

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