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

Location: TAR RIV AT US 64 NR TARBORO

Station #: O5270000 **Hydrologic Unit Code:** 03020103

Latitude: 35.88746 **Longitude:** -77.53873 **Stream class:** C NSW

Agency: TPBA **NC stream index:** 28-(80)

Time period: 03/09/2007 to 03/09/2007

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Percentiles Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	1	0	<4	0	0		8.8	8.8	8.8	8.8	8.8	8.8	8.8
	1	0	<5	0	0		8.8	8.8	8.8	8.8	8.8	8.8	8.8
pH (SU)	1	0	<6	0	0		6.7	6.7	6.7	6.7	6.7	6.7	6.7
	1	0	>9	0	0		6.7	6.7	6.7	6.7	6.7	6.7	6.7
Spec. conductance (umhos/cm at 25°C)	1	0	N/A				70	70	70	70	70	70	70
Water Temperature (°C)	1	0	>32	0	0		9.7	9.7	9.7	9.7	9.7	9.7	9.7
Other													
TSS (mg/L)	1	0	N/A				12	12	12	12	12	12	12
Turbidity (NTU)	1	0	>50	0	0		27	27	27	27	27	27	27
Nutrients (mg/L)													
NH3 as N	1	1	N/A				0.01	0.01	0.01	0.01	0.01	0.01	0.01
NO2 + NO3 as N	1	0	N/A				0.25	0.25	0.25	0.25	0.25	0.25	0.25
TKN as N	1	0	N/A				0.74	0.74	0.74	0.74	0.74	0.74	0.74
Total Phosphorus	1	0	N/A				0.15	0.15	0.15	0.15	0.15	0.15	0.15
Metals (ug/L)													
Aluminum, total (Al)	1	0	N/A				985	985	985	985	985	985	985
Arsenic, total (As)	1	1	>10	0	0		5	5	5	5	5	5	5
Cadmium, total (Cd)	1	1	>2	0	0		1	1	1	1	1	1	1
Chromium, total (Cr)	1	1	>50	0	0		5	5	5	5	5	5	5
Copper, total (Cu)	1	1	>7	0	0		2	2	2	2	2	2	2
Iron, total (Fe)	1	0	>1000	1	100		1975	1975	1975	1975	1975	1975	1975
Lead, total (Pb)	1	1	>25	0	0		5	5	5	5	5	5	5
Mercury, total (Hg)	1	1	>0.012	0	0		0.2	0.2	0.2	0.2	0.2	0.2	0.2
Nickel, total (Ni)	1	1	>88	0	0		10	10	10	10	10	10	10
Zinc, total (Zn)	1	1	>50	0	0		10	10	10	10	10	10	10

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
1	41	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