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

Location: TRENT RIV AT BRIDGE POINTE MARINA AT NEW BERN

Station #: J8870000 **Hydrologic Unit Code:** 03020204

Latitude: 35.10067 **Longitude:** -77.03904 **Stream class:** SB Sw NSW

Agency: LNBA **NC stream index:** 27-101-(39)

Time period: 01/07/2005 to 12/07/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	85	0	N/A				2.7	5.1	6.2	7	8.2	10.3	12.6
pH (SU)	85	0	<4.3	0	0		5.8	6.6	6.8	7.1	7.3	7.5	8.3
	85	0	>8.5	0	0		5.8	6.6	6.8	7.1	7.3	7.5	8.3
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				103	364	1424	3642	10194	15127	18032
Water Temperature (°C)	85	0	>32	0	0		5.4	8.6	13.8	22.7	26.6	29.5	31.7
Other													
Chlorophyll a (ug/L)	29	1	>40	4	13.8	84.2	1	3	13	19	35	46	49
TSS (mg/L)	60	1	N/A				1	2.1	3.9	6.5	8.8	16.6	22
Turbidity (NTU)	60	0	>25	1	1.7		1.1	2.9	3.9	5.2	7	9.6	32
Nutrients (mg/L)													
NH3 as N	60	7	N/A				0.01	0.01	0.04	0.07	0.12	0.16	0.26
NO2 + NO3 as N	60	11	N/A				0.01	0.01	0.04	0.22	0.33	0.52	0.88
TKN as N	60	1	N/A				0.2	0.64	0.76	0.99	1.31	1.58	3.76
Total Phosphorus	60	2	N/A				0.02	0.06	0.09	0.13	0.18	0.26	0.61

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	89.9	9	15	

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