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

Location: NEUSE RIV AT NC 11 AT KINSTON

Station #: J6150000 **Hydrologic Unit Code:** 03020202

Latitude: 35.25879 **Longitude:** -77.58353 **Stream class:** C NSW

Agency: LNBA **NC stream index:** 27-(75.7)

Time period: 01/21/2005 to 12/28/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	84	0	<4	0	0		4	5.6	6.2	6.7	8.8	10.1	12.3
	84	0	<5	1	1.2		4	5.6	6.2	6.7	8.8	10.1	12.3
pH (SU)	85	0	<6	0	0		6.4	6.7	6.8	6.9	7	7.2	7.5
	85	0	>9	0	0		6.4	6.7	6.8	6.9	7	7.2	7.5
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				80	104	125	151	178	201	226
Water Temperature (°C)	85	0	>32	0	0		3.9	8.6	14.3	22.7	26.6	28.9	31.2
Other													
TSS (mg/L)	60	0	N/A				2	5.5	7.5	14	17.8	24.9	80
Turbidity (NTU)	60	0	>50	1	1.7		3.7	7.8	10.2	16	21	26	75
Nutrients (mg/L)													
NH3 as N	60	7	N/A				0.01	0.01	0.02	0.04	0.06	0.12	0.45
NO2 + NO3 as N	60	1	N/A				0.01	0.26	0.37	0.52	0.64	0.79	1.02
TKN as N	60	2	N/A				0.2	0.27	0.41	0.54	0.73	0.94	2.03
Total Phosphorus	60	0	N/A				0.02	0.07	0.09	0.11	0.14	0.17	0.23

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	59.6	3	5	

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