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

Location: LITTLE RIV AT NC 581 AT ASYLUM

Station #: J5930000 **Hydrologic Unit Code:** 03020201

Latitude: 35.39300 **Longitude:** -78.02580 **Stream class:** C NSW

Agency: LNBA **NC stream index:** 27-57-(22)

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	1	1.2		3.5	5.5	6.3	7	8.5	10.4	12.6
	84	0	<5	3	3.6		3.5	5.5	6.3	7	8.5	10.4	12.6
pH (SU)	85	0	<6	0	0		6.3	6.6	6.7	6.8	7	7.1	7.4
	85	0	>9	0	0		6.3	6.6	6.7	6.8	7	7.1	7.4
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				62	85	102	128	162	189	290
Water Temperature (°C)	85	0	>32	0	0		3.4	7.8	13.2	21.6	25.2	26.9	29.1
Other													
TSS (mg/L)	60	0	N/A				1	1.8	3.3	5.5	9.8	16.6	33
Turbidity (NTU)	60	0	>50	0	0		2.2	3.6	5.9	7.5	12	17.9	35
Nutrients (mg/L)													
NH3 as N	60	9	N/A				0.01	0.01	0.02	0.04	0.07	0.18	0.64
NO2 + NO3 as N	60	2	N/A				0.01	0.15	0.24	0.38	0.5	0.62	0.92
TKN as N	60	3	N/A				0.2	0.27	0.44	0.57	0.79	0.95	1.35
Total Phosphorus	60	1	N/A				0.02	0.05	0.07	0.09	0.11	0.16	0.26

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	71.4	1	1.7	

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