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

Location: LITTLE RIV AT SR 2339 BAGLEY RD NR LOWELL MILL

Station #: J5750000 **Hydrologic Unit Code:** 03020201
Latitude: 35.56128 **Longitude:** -78.15935 **Stream class:** WS-V NSW
Agency: LNBA **NC stream index:** 27-57-(8.5)

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)	82	0	<4	4	4.9		2.3	5.4	6.3	7	9	10.5	12.5
	82	0	<5	7	8.5		2.3	5.4	6.3	7	9	10.5	12.5
pH (SU)	82	0	<6	0	0		6.1	6.5	6.7	6.8	7	7.1	7.4
	82	0	>9	0	0		6.1	6.5	6.7	6.8	7	7.1	7.4
Spec. conductance (umhos/cm at 25°C)	82	1	N/A				50	68	87	106	128	153	289
Water Temperature (°C)	82	0	>32	0	0		3	6.9	12.5	20.4	23.5	26.4	32
Other													
TSS (mg/L)	58	3	N/A				1	1.9	3.3	5.3	10.2	16.2	59
Turbidity (NTU)	58	0	>50	1	1.7		1.8	4.4	6.1	9.5	14	20.4	58
Nutrients (mg/L)													
NH3 as N	58	11	N/A				0.01	0.01	0.02	0.04	0.08	0.12	0.3
NO2 + NO3 as N	58	0	>10	0	0		0.01	0.09	0.14	0.21	0.3	0.45	0.81
TKN as N	58	1	N/A				0.2	0.38	0.5	0.58	0.78	0.96	1.26
Total Phosphorus	58	1	N/A				0.02	0.05	0.08	0.11	0.14	0.19	0.25

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
58	62.6	4	6.9	

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