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

Location: LITTLE RIV AT US 301 NR KENLY

Station #: J5690000 **Hydrologic Unit Code:** 03020201

Latitude: 35.58290 **Longitude:** -78.15930 **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)	85	0	<4	2	2.4		3.2	5.1	6	6.9	8.9	10.5	12.5
	85	0	<5	5	5.9		3.2	5.1	6	6.9	8.9	10.5	12.5
pH (SU)	85	0	<6	0	0		6.2	6.5	6.7	6.8	6.9	7	7.5
	85	0	>9	0	0		6.2	6.5	6.7	6.8	6.9	7	7.5
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				53	65	81	97	123	182	772
Water Temperature (°C)	85	0	>32	0	0		2.8	7.1	12.7	20.5	24.3	26.7	30.2
Other													
TSS (mg/L)	60	0	N/A				1.3	2.9	3.8	5.4	8.1	12	20
Turbidity (NTU)	60	0	>50	0	0		1.8	5.3	6.6	8.5	12.8	18.9	30
Nutrients (mg/L)													
NH3 as N	60	10	N/A				0.01	0.01	0.02	0.04	0.08	0.13	0.26
NO2 + NO3 as N	60	0	>10	0	0		0.03	0.07	0.13	0.2	0.31	0.37	1.6
TKN as N	60	2	N/A				0.2	0.32	0.44	0.6	0.81	1.08	1.64
Total Phosphorus	60	2	N/A				0.02	0.05	0.07	0.11	0.13	0.17	1.31

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	76.6	6	10	

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