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

Location: HANNAH CRK AT SR 1227 IVEY RD NR BENSON

Station #: J5390800 **Hydrologic Unit Code:** 03020201
Latitude: 35.40245 **Longitude:** -78.49520 **Stream class:** C NSW
Agency: LNBA **NC stream index:** 27-52-6

Time period: 01/19/2005 to 12/09/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	85	0	<4	51	60	100	0.1	0.5	1.7	3	6.2	8.3	12.1
	85	0	<5	54	63.5	100	0.1	0.5	1.7	3	6.2	8.3	12.1
pH (SU)	85	0	<6	9	10.6	65.7	5.4	5.8	6.3	6.5	6.7	7	7.7
	85	0	>9	0	0		5.4	5.8	6.3	6.5	6.7	7	7.7
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				71	93	117	171	253	325	438
Water Temperature (°C)	85	0	>32	0	0		4.1	7.3	12.5	21.2	24.2	26.1	28.3
Other													
TSS (mg/L)	60	1	N/A				1	1.8	3.1	6.2	11	16.8	32
Turbidity (NTU)	60	0	>50	0	0		1.5	2.7	4.6	11	17	27.7	50
Nutrients (mg/L)													
NH3 as N	60	7	N/A				0.01	0.01	0.03	0.08	0.16	0.38	0.62
NO2 + NO3 as N	60	22	N/A				0.01	0.01	0.01	0.02	0.39	0.62	1.09
TKN as N	60	0	N/A				0.22	0.4	0.56	0.76	1.25	1.56	2.74
Total Phosphorus	60	0	N/A				0.04	0.09	0.12	0.28	0.43	1.08	2.31

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	67.7	8	13.3	

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