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

Location: LITTLE CRK AT NC 39 AT ZEBULON

Station #: J6450000 **Hydrologic Unit Code:** 03020203

Latitude: 35.81250 **Longitude:** -78.26810 **Stream class:** C NSW

Agency: LNBA **NC stream index:** 27-86-2-4

Time period: 01/10/2005 to 12/10/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	85	0	<4	1	1.2		3.7	4.8	5.6	6.5	9	10.8	12.1
	85	0	<5	9	10.6	65.7	3.7	4.8	5.6	6.5	9	10.8	12.1
pH (SU)	85	0	<6	0	0		6	6.6	6.7	6.8	6.9	7	7.3
	85	0	>9	0	0		6	6.6	6.7	6.8	6.9	7	7.3
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				93	108	130	163	308	519	668
Water Temperature (°C)	85	0	>32	0	0		3.3	6.8	11.9	19.6	22.9	24.1	27
Other													
TSS (mg/L)	60	0	N/A				1.9	2.7	4.1	5	7.3	11	23
Turbidity (NTU)	60	0	>50	0	0		4.1	5.1	5.9	8.5	12.8	14.9	34
Nutrients (mg/L)													
NH3 as N	60	7	N/A				0.01	0.01	0.03	0.06	0.12	0.24	0.79
NO2 + NO3 as N	60	3	N/A				0.01	0.05	0.2	0.38	0.7	1.21	2.02
TKN as N	60	2	N/A				0.2	0.4	0.52	0.67	0.91	1.22	1.69
Total Phosphorus	60	1	N/A				0.02	0.05	0.08	0.12	0.21	0.34	0.48

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	61.1	5	8.3	

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