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

Location: LITTLE CRK AT NC 97 AT ZEBULON

Station #: J6410000 **Hydrologic Unit Code:** 03020203

Latitude: 35.82786 **Longitude:** -78.30247 **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)	82	0	<4	7	8.5		3.4	4.1	5.1	6.3	8.5	10.4	11.6
	82	0	<5	18	22	100	3.4	4.1	5.1	6.3	8.5	10.4	11.6
pH (SU)	82	0	<6	3	3.7		5.4	6.2	6.4	6.6	6.7	6.9	7.5
	82	0	>9	0	0		5.4	6.2	6.4	6.6	6.7	6.9	7.5
Spec. conductance (umhos/cm at 25°C)	82	0	N/A				62	81	92	104	125	136	180
Water Temperature (°C)	82	0	>32	0	0		3	7.3	12.3	19	21.7	23	24.6
Other													
TSS (mg/L)	56	0	N/A				1.5	3.4	4	5	7.2	17.7	99
Turbidity (NTU)	56	0	>50	0	0		1.4	6.3	7.1	9.2	13	17	40
Nutrients (mg/L)													
NH3 as N	56	7	N/A				0.01	0.01	0.03	0.06	0.11	0.16	0.53
NO2 + NO3 as N	56	4	N/A				0.01	0.03	0.08	0.2	0.38	0.86	1.54
TKN as N	56	1	N/A				0.2	0.36	0.48	0.66	0.83	1	1.52
Total Phosphorus	56	1	N/A				0.04	0.06	0.07	0.1	0.14	0.21	0.82

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
56	90.3	3	5.4	

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