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

Location: CEDAR CRK AT SR 1109 TIMBERLAKE RD NR LOUISBURG

Station #: O1920000 **Hydrologic Unit Code:** 03020101

Latitude: 36.06024 **Longitude:** -78.35373 **Stream class:** C NSW

Agency: TPBA **NC stream index:** 28-29-(2)

Time period: 03/07/2007 to 12/14/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	46	0	<4	0	0		6.4	6.7	7.1	7.8	9.9	11.5	13.1
	46	0	<5	0	0		6.4	6.7	7.1	7.8	9.9	11.5	13.1
pH (SU)	46	0	<6	0	0		6.5	6.7	6.8	7	7.2	7.3	7.4
	46	0	>9	0	0		6.5	6.7	6.8	7	7.2	7.3	7.4
Spec. conductance (umhos/cm at 25°C)	46	0	N/A				92	129	165	223	352	462	589
Water Temperature (°C)	46	0	>32	0	0		4.1	8.1	13.7	20.5	24.1	25.2	26.7
Other													
Turbidity (NTU)	30	0	>50	4	13.3	82.5	8	11	14	19.5	39	90.8	110
Nutrients (mg/L)													
NH3 as N	30	6	N/A				0.01	0.01	0.02	0.06	0.12	0.15	0.2
NO2 + NO3 as N	30	0	N/A				0.06	0.27	0.38	0.63	0.8	0.97	1.19
TKN as N	30	1	N/A				0.2	0.3	0.48	0.67	0.88	1.16	1.36
Total Phosphorus	30	1	N/A				0.02	0.05	0.06	0.08	0.12	0.2	0.51

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
30	135.1	5	16.7	

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