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

Location: CONTENTNEA CRK AT NC 58 NR STANTONSBURG

Station #: J7210000 **Hydrologic Unit Code:** 03020203
Latitude: 35.58610 **Longitude:** -77.81110 **Stream class:** C Sw NSW
Agency: LNBA **NC stream index:** 27-86-(7)

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	N/A				4.2	5.2	6	6.7	9.2	10.6	12.9
pH (SU)	85	0	<4.3	0	0		6.2	6.7	6.8	7	7.1	7.1	7.4
	85	0	>9	0	0		6.2	6.7	6.8	7	7.1	7.1	7.4
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				86	98	114	132	183	235	388
Water Temperature (°C)	85	0	>32	0	0		4.5	7.6	13.1	21.6	24.9	26.8	30.2
Other													
TSS (mg/L)	60	0	N/A				1.5	2	4	5.2	6.6	12.5	25
Turbidity (NTU)	60	1	>50	0	0		1	4.5	5.5	8	10	15	39
Nutrients (mg/L)													
NH3 as N	60	10	N/A				0.01	0.01	0.03	0.07	0.12	0.15	0.28
NO2 + NO3 as N	60	0	N/A				0.12	0.2	0.32	0.44	0.58	0.85	2.89
TKN as N	60	0	N/A				0.2	0.47	0.54	0.69	0.84	1.2	1.61
Total Phosphorus	60	0	N/A				0.05	0.06	0.08	0.14	0.26	0.46	0.64

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	93.8	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