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

Location: TOISNOT SWAMP AT SR 1539 SAND PIT RD NR STANTONSBURG

Station #: J7240000 **Hydrologic Unit Code:** 03020203

Latitude: 35.59760 **Longitude:** -77.79470 **Stream class:** C Sw NSW

Agency: LNBA **NC stream index:** 27-86-11-(5)

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				1.5	3.6	4.9	6	8.3	10.2	12.3
pH (SU)	85	0	<4.3	0	0		4.8	6.4	6.5	6.7	6.8	6.9	7.1
	85	0	>9	0	0		4.8	6.4	6.5	6.7	6.8	6.9	7.1
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				69	80	92	112	138	171	225
Water Temperature (°C)	85	0	>32	0	0		3.9	7.6	12.9	20.4	23.8	25	27.2
Other													
TSS (mg/L)	60	0	N/A				1.2	2.5	3.3	4.7	8.3	12	26
Turbidity (NTU)	60	0	>50	0	0		5.4	6.1	8.1	9.9	12.8	19.9	45
Nutrients (mg/L)													
NH3 as N	60	4	N/A				0.01	0.01	0.03	0.06	0.09	0.16	0.59
NO2 + NO3 as N	60	1	N/A				0.01	0.04	0.1	0.18	0.27	0.53	0.92
TKN as N	60	2	N/A				0.2	0.37	0.55	0.69	0.97	1.1	6.91
Total Phosphorus	60	1	N/A				0.02	0.06	0.08	0.11	0.17	0.24	0.53

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	84.6	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