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

Location: MIDDLE CRK AT SR 1006 OLD STAGE RD NR WILLOW SPRINGS

Station #: J4980000 **Hydrologic Unit Code:** 03020201

Latitude: 35.60910 **Longitude:** -78.68660 **Stream class:** C NSW

Agency: LNBA **NC stream index:** 27-43-15-(4)

Time period: 01/19/2005 to 12/09/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	85	0	<4	0	0		4.9	6.1	6.4	7.1	8.8	10.3	12.7
	85	0	<5	1	1.2		4.9	6.1	6.4	7.1	8.8	10.3	12.7
pH (SU)	85	0	<6	0	0		6.6	6.7	6.9	7	7.2	7.3	7.4
	85	0	>9	0	0		6.6	6.7	6.9	7	7.2	7.3	7.4
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				81	113	140	179	236	322	417
Water Temperature (°C)	85	0	>32	0	0		3.5	7.6	12.5	20.2	24.1	25.3	28.2
Other													
TSS (mg/L)	60	0	N/A				1.7	3.4	5.5	7.1	14.5	22	70
Turbidity (NTU)	60	0	>50	0	0		3.5	5.9	8.3	12	17.8	32.8	50
Nutrients (mg/L)													
NH3 as N	60	7	N/A				0.01	0.01	0.03	0.05	0.1	0.17	0.38
NO2 + NO3 as N	60	0	N/A				0.06	0.18	0.23	0.34	0.51	0.83	1.55
TKN as N	60	1	N/A				0.2	0.49	0.58	0.73	0.94	1.09	1.48
Total Phosphorus	60	0	N/A				0.06	0.08	0.12	0.2	0.39	0.64	2.99

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	144.1	13	21.7	69.4

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