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

Location: MIDDLE CRK AT SR 1152 HOLLY SPRINGS RD NR HOLLY SPRINGS

Station #: J4690000 **Hydrologic Unit Code:** 03020201
Latitude: 35.66090 **Longitude:** -78.80420 **Stream class:** C NSW
Agency: LNBA **NC stream index:** 27-43-15-(1)

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		5.2	6.1	6.5	6.9	8.6	10.3	12.7
	85	0	<5	0	0		5.2	6.1	6.5	6.9	8.6	10.3	12.7
pH (SU)	85	0	<6	0	0		6.3	6.6	6.8	6.9	7.1	7.3	7.6
	85	0	>9	0	0		6.3	6.6	6.8	6.9	7.1	7.3	7.6
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				86	113	160	243	328	443	532
Water Temperature (°C)	85	0	>32	0	0		3.1	7.6	12	19.7	22.7	24.2	26.2
Other													
TSS (mg/L)	60	0	N/A				1.5	2.3	3.7	6.2	11	40.4	149
Turbidity (NTU)	60	0	>50	7	11.7	75.2	3.6	4.7	7.1	13	26	78	160
Nutrients (mg/L)													
NH3 as N	60	9	N/A				0.01	0.01	0.02	0.06	0.1	0.19	0.67
NO2 + NO3 as N	60	0	N/A				0.23	0.59	0.98	1.28	1.57	2.38	3.83
TKN as N	60	0	N/A				0.38	0.59	0.69	0.81	1.01	1.15	12.94
Total Phosphorus	60	0	N/A				0.09	0.21	0.29	0.45	0.91	1.95	8.46

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	198.8	20	33.3	99.5

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