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

Location: SWIFT CRK AT SR 1152 HOLLY SPRINGS RD NR MACEDONIA

Station #: J4414000 **Hydrologic Unit Code:** 03020201

Latitude: 35.71877 **Longitude:** -78.75270 **Stream class:** WS-III NSW

Agency: LNBA **NC stream index:** 27-43-(1)

Time period: 01/13/2005 to 12/21/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Percentiles Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	85	0	<4	1	1.2		1.9	4.9	5.6	6.5	8.3	10.2	12.4
	85	0	<5	8	9.4		1.9	4.9	5.6	6.5	8.3	10.2	12.4
pH (SU)	85	0	<6	0	0		6.5	6.7	6.9	7.1	7.3	7.4	7.7
	85	0	>9	0	0		6.5	6.7	6.9	7.1	7.3	7.4	7.7
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				57	82	104	154	198	233	321
Water Temperature (°C)	85	0	>32	0	0		5.3	7.9	12.7	22.3	25.2	26.9	28.6
Other													
TSS (mg/L)	60	1	N/A				1	3.6	5.7	9.1	13.8	61.8	193
Turbidity (NTU)	60	0	>50	5	8.3		3.5	5.1	7.7	11	19.8	37.7	160
Nutrients (mg/L)													
NH3 as N	60	8	N/A				0.01	0.01	0.02	0.04	0.09	0.15	0.33
NO2 + NO3 as N	60	1	>10	0	0		0.01	0.14	0.22	0.48	0.88	1.42	2.7
TKN as N	60	3	N/A				0.2	0.25	0.34	0.47	0.63	1.01	4.48
Total Phosphorus	60	2	N/A				0.02	0.05	0.06	0.09	0.13	0.24	2.84

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	129.4	11	18.3	

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