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

Location: HAMMOND CRK AT SR 1704 NR MOUNT OLIVE

Station #: B8340200 **Hydrologic Unit Code:** 03030005

Latitude: 34.56896 **Longitude:** -78.55225 **Stream class:** C

Agency: LCFRP **NC stream index:** 18-50

Time period: 01/10/2005 to 12/08/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	60	0	<4	7	11.7	75.2	2.9	3.9	5.7	7.4	9.1	10.8	12.4
	60	0	<5	11	18.3	98.5	2.9	3.9	5.7	7.4	9.1	10.8	12.4
pH (SU)	60	0	<6	1	1.7		5.9	6.4	6.6	6.8	7	7.1	7.4
	60	0	>9	0	0		5.9	6.4	6.6	6.8	7	7.1	7.4
Spec. conductance (umhos/cm at 25°C)	60	3	N/A				84	100	121	151	198	237	251
Water Temperature (°C)	60	0	>32	0	0		4.5	7.4	10.5	17.3	22.2	23.9	25.8
Other													
TSS (mg/L)	60	8	N/A				1	2	3	3.5	5.8	10.9	18
Nutrients (mg/L)													
NH3 as N	60	8	N/A				0.01	0.01	0.02	0.04	0.06	0.13	0.51
NO2 + NO3 as N	60	10	N/A				0.02	0.02	0.03	0.07	0.21	0.37	0.74
TKN as N	60	1	N/A				0.2	0.31	0.43	0.7	0.9	1.19	1.9
Total Phosphorus	60	0	N/A				0.02	0.05	0.08	0.13	0.17	0.21	0.25

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	166.5	12	20	

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