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

Location: CRABTREE CRK AT LASSITER MILL DAM AT RALEIGH

Station #: J3210000 **Hydrologic Unit Code:** 03020201
Latitude: 35.82722 **Longitude:** -78.65083 **Stream class:** C NSW
Agency: LNBA **NC stream index:** 27-33-(10)

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

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	85	0	<4	2	2.4		3.4	4.6	5.7	6.4	8.4	10.3	12.2
	85	0	<5	11	12.9	86	3.4	4.6	5.7	6.4	8.4	10.3	12.2
pH (SU)	85	0	<6	0	0		6.4	6.8	7	7.1	7.3	7.4	7.6
	85	0	>9	0	0		6.4	6.8	7	7.1	7.3	7.4	7.6
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				83	113	142	188	227	310	391
Water Temperature (°C)	85	0	>32	0	0		4.9	7.9	12.6	22.3	25.7	27.3	29.9
Other													
TSS (mg/L)	60	0	N/A				2.8	5.2	8.4	14	30.8	55.5	404
Turbidity (NTU)	60	0	>50	3	5		2.6	7.8	9.8	14	24	45	170
Nutrients (mg/L)													
NH3 as N	60	9	N/A				0.01	0.01	0.02	0.06	0.1	0.15	0.28
NO2 + NO3 as N	60	0	N/A				0.1	0.26	0.39	0.52	0.84	1.35	2.82
TKN as N	60	3	N/A				0.2	0.24	0.36	0.5	0.75	1.03	4.39
Total Phosphorus	60	2	N/A				0.02	0.07	0.1	0.16	0.28	0.41	2.51

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	112.2	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