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

Location: MIDDLE CRK AT LUFKIN RD AT APEX

Station #: J4619000 **Hydrologic Unit Code:** 03020201

Latitude: 35.71311 **Longitude:** -78.83807 **Stream class:** C NSW

Agency: LNBA **NC stream index:** 27-43-15-(1)

Time period: 02/28/2007 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)	41	0	<4	6	14.6	89	1.7	3.7	4.6	6.4	7.1	9.4	12.1
	41	0	<5	12	29.3	100	1.7	3.7	4.6	6.4	7.1	9.4	12.1
pH (SU)	41	0	<6	1	2.4		5.5	6.2	6.4	6.5	6.7	6.7	6.9
	41	0	>9	0	0		5.5	6.2	6.4	6.5	6.7	6.7	6.9
Spec. conductance (umhos/cm at 25°C)	41	0	N/A				61	84	98	124	240	288	391
Water Temperature (°C)	41	0	>32	0	0		3	7.6	12.8	18.8	21.5	24.7	27.5
Other													
TSS (mg/L)	29	0	N/A				3.3	4.5	5.5	9.2	15.5	39	76
Turbidity (NTU)	29	0	>50	3	10.3	67.1	4.8	7.8	10.5	14	29.5	71	80
Nutrients (mg/L)													
NH3 as N	29	3	N/A				0.01	0.01	0.04	0.09	0.16	0.37	0.95
NO2 + NO3 as N	29	2	N/A				0.01	0.06	0.17	0.61	0.98	1.57	2.22
TKN as N	29	0	N/A				0.38	0.5	0.68	0.87	1.06	2.37	12.94
Total Phosphorus	29	0	N/A				0.07	0.08	0.18	0.33	0.72	1.46	1.92

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
29	164.7	8	27.6	89.2

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