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

Location: LITTLE MOUNTAIN CRK AT SR 1720 NR BADIN

Station #: Q6930000 **Hydrologic Unit Code:** 03040104
Latitude: 35.38122 **Longitude:** -80.11285 **Stream class:** WS-IV
Agency: YPDRBA **NC stream index:** 13-5-1-(2)

Time period: 01/17/2008 to 12/17/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	34	0	<4	0	0		5.7	6.2	6.5	7.8	9.9	10.2	12.2
	34	0	<5	0	0		5.7	6.2	6.5	7.8	9.9	10.2	12.2
pH (SU)	34	0	<6	0	0		6.5	6.8	6.9	7.1	7.2	7.3	7.6
	34	0	>9	0	0		6.5	6.8	6.9	7.1	7.2	7.3	7.6
Spec. conductance (umhos/cm at 25°C)	34	0	N/A				106	119	145	160	179	206	271
Water Temperature (°C)	34	0	>32	0	0		4.4	8.4	11.4	18.6	23.8	25	26.5
Other													
Turbidity (NTU)	24	0	>50	2	8.3		1	2	3.1	6.5	11.8	67.5	110
Nutrients (mg/L)													
NH3 as N	24	6	N/A				0.01	0.01	0.01	0.02	0.08	0.13	0.16
NO2 + NO3 as N	24	0	>10	2	8.3		0.52	0.73	0.96	1.79	2.4	8.53	13.36
TKN as N	24	3	N/A				0.2	0.2	0.32	0.53	0.82	1.33	3.27
Total Phosphorus	24	1	N/A				0.02	0.05	0.13	0.2	0.37	0.51	0.62

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
24	81.7	0	0	

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