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

Location: CROOKED CRK AT NC 98 NR BUNN

Station #: O2020000 **Hydrologic Unit Code:** 03020101

Latitude: 35.93863 **Longitude:** -78.20892 **Stream class:** C NSW

Agency: TPBA **NC stream index:** 28-30

Time period: 03/07/2007 to 12/14/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	49	0	<4	21	42.9	100	1.2	1.8	2.8	4.7	8.2	10.3	11.8
	49	0	<5	26	53.1	100	1.2	1.8	2.8	4.7	8.2	10.3	11.8
pH (SU)	49	0	<6	0	0		6.1	6.3	6.5	6.7	6.9	6.9	7.1
	49	0	>9	0	0		6.1	6.3	6.5	6.7	6.9	6.9	7.1
Spec. conductance (umhos/cm at 25°C)	49	0	N/A				55	62	71	89	112	150	190
Water Temperature (°C)	49	0	>32	0	0		4.2	9.5	14.9	22.7	26.7	27.8	28.8
Other													
Turbidity (NTU)	34	0	>50	0	0		4.1	6	7.3	9.5	16	24	50
Nutrients (mg/L)													
NH3 as N	34	8	N/A				0.01	0.01	0.01	0.04	0.08	0.16	0.22
NO2 + NO3 as N	34	21	N/A				0.01	0.01	0.01	0.01	0.02	0.04	0.1
TKN as N	34	1	N/A				0.2	0.44	0.56	0.78	0.99	1.26	1.51
Total Phosphorus	34	1	N/A				0.02	0.06	0.07	0.09	0.12	0.2	0.24

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
34	49.4	2	5.9	

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