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

Location: UT TO DEEP CRK AT SR 1104 NR SCOTLAND NECK

Station #: O4995000 **Hydrologic Unit Code:** 03020102

Latitude: 36.13551 **Longitude:** -77.48517 **Stream class:** C NSW

Agency: TPBA **NC stream index:** 28-79-32-(0.5)

Time period: 03/19/2007 to 12/30/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	49	0	<4	39	79.6	100	0	0.2	0.4	1.4	3	6.7	11.6
	49	0	<5	40	81.6	100	0	0.2	0.4	1.4	3	6.7	11.6
pH (SU)	49	0	<6	6	12.2	78.5	4.6	5.8	6.1	6.6	6.7	6.8	7.4
	49	0	>9	0	0		4.6	5.8	6.1	6.6	6.7	6.8	7.4
Spec. conductance (umhos/cm at 25°C)	49	0	N/A				76	94	104	129	150	180	431
Water Temperature (°C)	49	0	>32	0	0		2.2	6.3	11.2	20.4	24	25.5	28.1
Other													
Turbidity (NTU)	34	0	>50	3	8.8		5.8	7.2	9.4	20.5	32.8	52.5	70
Nutrients (mg/L)													
NH3 as N	34	6	N/A				0.01	0.01	0.02	0.08	0.4	1.99	2.5
NO2 + NO3 as N	34	22	N/A				0.01	0.01	0.01	0.01	0.02	0.05	1.89
TKN as N	34	0	N/A				0.26	0.84	1.32	2.13	2.61	4.47	9.3
Total Phosphorus	34	0	N/A				0.04	0.07	0.14	0.21	0.29	0.51	0.62

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
34	129.3	8	23.5	77.3

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