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

Location: FISHING CRK AT SR 1109 ETHERIDGE FARM RD NR ENFIELD

Station #: O4690000 **Hydrologic Unit Code:** 03020102

Latitude: 36.11342 **Longitude:** -77.62704 **Stream class:** C NSW

Agency: TPBA **NC stream index:** 28-79-(29)

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)	43	0	<4	2	4.7		3.6	4.9	5.7	6.9	9.7	12.7	13.4
	43	0	<5	4	9.3		3.6	4.9	5.7	6.9	9.7	12.7	13.4
pH (SU)	43	0	<6	0	0		6	6.3	6.8	7	7.1	7.3	7.3
	43	0	>9	0	0		6	6.3	6.8	7	7.1	7.3	7.3
Spec. conductance (umhos/cm at 25°C)	43	0	N/A				54	68	83	92	109	118	126
Water Temperature (°C)	43	0	>32	0	0		4.6	5.6	11.7	20.9	26	27.6	29.7
Other													
Turbidity (NTU)	30	0	>50	0	0		4.5	6	7	9.7	13.5	21.7	40
Nutrients (mg/L)													
NH3 as N	30	10	N/A				0.01	0.01	0.01	0.03	0.04	0.25	0.76
NO2 + NO3 as N	30	2	N/A				0.01	0.01	0.08	0.12	0.18	0.24	0.29
TKN as N	30	1	N/A				0.2	0.28	0.34	0.56	0.79	1.28	2.08
Total Phosphorus	30	2	N/A				0.02	0.04	0.04	0.06	0.1	0.12	0.58

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
30	59.2	2	6.7	

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