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

Location: TAR RIV AT SR 1145 OLD SPRING HOPE RD NR SPRING HOPE

Station #: O2101000 **Hydrologic Unit Code:** 03020101

Latitude: 35.90506 **Longitude:** -78.11319 **Stream class:** WS-V NSW

Agency: TPBA **NC stream index:** 28-(24.7)

Time period: 03/13/2007 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)	48	0	<4	2	4.2		3.5	4.6	5.5	7	9.6	11.5	14.3
	48	0	<5	6	12.5	80	3.5	4.6	5.5	7	9.6	11.5	14.3
pH (SU)	49	0	<6	3	6.1		5.3	6.2	6.5	6.8	7	7.1	7.8
	49	0	>9	0	0		5.3	6.2	6.5	6.8	7	7.1	7.8
Spec. conductance (umhos/cm at 25°C)	49	1	N/A				50	77	84	103	122	133	145
Water Temperature (°C)	49	0	>32	0	0		2.9	7.8	12.5	21.1	25.5	27	28.1
Other													
Turbidity (NTU)	34	0	>50	2	5.9		3.8	5.7	7.1	11	23	34.5	140
Nutrients (mg/L)													
NH3 as N	34	9	N/A				0.01	0.01	0.01	0.04	0.13	0.17	0.51
NO2 + NO3 as N	34	1	>10	0	0		0.01	0.02	0.06	0.12	0.17	0.22	0.28
TKN as N	34	2	N/A				0.2	0.21	0.29	0.44	0.83	1.17	1.6
Total Phosphorus	34	4	N/A				0.02	0.02	0.05	0.08	0.12	0.18	0.66

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
34	51.8	5	14.7	

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