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

Location: TAR RIV AT NC 581 NR STANHOPE

Station #: O2102000 **Hydrologic Unit Code:** 03020101

Latitude: 35.88205 **Longitude:** -78.08932 **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	0	0		4	4.7	5.9	7	9.5	11.5	13.8
	48	0	<5	6	12.5	80	4	4.7	5.9	7	9.5	11.5	13.8
pH (SU)	49	0	<6	2	4.1		5.6	6.5	6.7	6.9	7	7.2	7.4
	49	0	>9	0	0		5.6	6.5	6.7	6.9	7	7.2	7.4
Spec. conductance (umhos/cm at 25°C)	49	1	N/A				50	71	82	107	124	138	153
Water Temperature (°C)	49	0	>32	0	0		3.2	7.8	12.6	21	25.4	26.9	28.1
Other													
Turbidity (NTU)	34	0	>50	2	5.9		3.1	5	6.6	11.5	19.5	35	84
Nutrients (mg/L)													
NH3 as N	34	9	N/A				0.01	0.01	0.01	0.04	0.07	0.14	0.2
NO2 + NO3 as N	34	0	>10	0	0		0.01	0.06	0.08	0.15	0.19	0.24	0.27
TKN as N	34	1	N/A				0.2	0.26	0.35	0.46	0.83	1.19	5.91
Total Phosphorus	34	2	N/A				0.02	0.04	0.07	0.09	0.12	0.32	1.46

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
34	46.1	4	11.8	

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