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

Location: ARARAT RIV AT US 52 NR MT AIRY

Station #: Q1500000 **Hydrologic Unit Code:** 03040101

Latitude: 36.47995 **Longitude:** -80.60035 **Stream class:** C

Agency: YPDRBA **NC stream index:** 12-72-(4.5)

Time period: 01/24/2005 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)	85	0	<4	0	0		6.4	6.7	7.2	8.3	10.5	11.7	12.8
	85	0	<5	0	0		6.4	6.7	7.2	8.3	10.5	11.7	12.8
pH (SU)	85	0	<6	0	0		6.3	6.8	6.9	7	7.1	7.1	7.2
	85	0	>9	0	0		6.3	6.8	6.9	7	7.1	7.1	7.2
Spec. conductance (umhos/cm at 25°C)	85	1	N/A				50	83	100	110	126	154	203
Water Temperature (°C)	85	0	>29	0	0		3.3	5.6	9.6	16.8	21.4	22.8	24.4
Other													
Turbidity (NTU)	60	0	>50	5	8.3		2.2	3.2	5.1	11	17.5	49.5	700

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	37.9	0	0	

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