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

Location: ROCKY RIV AT US 601 NR CONCORD

Station #: Q8210000 **Hydrologic Unit Code:** 03040105

Latitude: 35.32445 **Longitude:** -80.51537 **Stream class:** C

Agency: YPDRBA **NC stream index:** 13-17

Time period: 01/26/2005 to 12/16/2009

	# 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	6.4	6.7	7.8	10.3	11.1	13
	85	0	<5	0	0		6	6.4	6.7	7.8	10.3	11.1	13
pH (SU)	85	0	<6	0	0		6.8	6.9	7	7.1	7.2	7.3	7.4
	85	0	>9	0	0		6.8	6.9	7	7.1	7.2	7.3	7.4
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				92	109	122	138	172	204	328
Water Temperature (°C)	85	0	>32	0	0		5.6	6.9	10.2	20.2	23.2	25.1	28.3
Other													
Turbidity (NTU)	60	0	>50	7	11.7	75.2	2.7	5.1	7.2	11.5	28	146	520
Nutrients (mg/L)													
NH3 as N	60	11	N/A				0.01	0.01	0.01	0.05	0.1	0.17	0.79
NO2 + NO3 as N	60	0	N/A				0.38	0.71	1.65	3.33	4.37	6.69	10.74
TKN as N	60	2	N/A				0.2	0.23	0.43	0.57	0.82	1.13	3.46
Total Phosphorus	60	0	N/A				0.13	0.17	0.27	0.42	0.62	0.94	1.83

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	42.5	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