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

Location: SALEM CRK AT SR 1120 CLEMMONSVILLE RD AT WINSTON SALEM

Station #: Q2540000 **Hydrologic Unit Code:** 03040101

Latitude: 36.03115 **Longitude:** -80.31372 **Stream class:** C

Agency: YPDRBA **NC stream index:** 12-94-12-(4)

Time period: 01/25/2005 to 12/15/2009

	# 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		6.2	6.6	6.8	7.5	9.7	10.5	12.5
	85	0	<5	0	0		6.2	6.6	6.8	7.5	9.7	10.5	12.5
pH (SU)	85	0	<6	0	0		6.5	6.8	6.9	7	7.1	7.2	7.4
	85	0	>9	0	0		6.5	6.8	6.9	7	7.1	7.2	7.4
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				110	146	162	184	214	250	270
Water Temperature (°C)	85	0	>32	0	0		3.3	5.7	9.8	17.8	22.1	23.3	24.9
Other													
Turbidity (NTU)	60	0	>50	3	5		2	4	5	8.2	15	21	330
Nutrients (mg/L)													
NH3 as N	60	3	N/A				0.01	0.07	0.09	0.15	0.24	0.37	0.42
NO2 + NO3 as N	60	0	N/A				0.23	0.6	0.86	1.09	1.28	1.44	1.86
TKN as N	60	3	N/A				0.2	0.25	0.33	0.48	0.69	0.95	3.76
Total Phosphorus	60	4	N/A				0.02	0.04	0.06	0.08	0.13	0.21	0.53

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	63.8	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