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

Location: SECOND CRK AT SR 1526 NR SALISBURY

Station #: Q4030000 **Hydrologic Unit Code:** 03040102
Latitude: 35.69702 **Longitude:** -80.61172 **Stream class:** C
Agency: YPDRBA **NC stream index:** 12-108-21

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		5.2	5.8	6.2	7.3	9.6	10.7	11.7
	85	0	<5	0	0		5.2	5.8	6.2	7.3	9.6	10.7	11.7
pH (SU)	85	0	<6	0	0		6.5	6.7	6.8	6.9	7.1	7.2	7.3
	85	0	>9	0	0		6.5	6.7	6.8	6.9	7.1	7.2	7.3
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				91	123	144	174	202	221	255
Water Temperature (°C)	85	0	>32	0	0		5.7	8.2	12.7	20.4	24.4	26.1	27.8
Other													
Turbidity (NTU)	60	0	>50	6	10	60.6	3.7	6.4	8.9	12.5	22.8	59	170
Metals (ug/L)													
Aluminum, total (Al)	14	0	N/A				144	161	344	595	948	3258	3769
Arsenic, total (As)	14	14	>10	0	0		5	5	5	5	5	5	5
Cadmium, total (Cd)	14	14	>2	0	0		1	1	1	1	1	1	1
Chromium, total (Cr)	14	13	>50	0	0		5	5	5	5	5	6	7
Copper, total (Cu)	14	3	>7	0	0		2	2	2	3	4	6	7
Iron, total (Fe)	14	0	>1000	10	71.4	100	483	650	922	1300	2078	5330	5450
Lead, total (Pb)	14	14	>25	0	0		5	5	5	5	5	5	5
Mercury, total (Hg)	14	14	>0.012	0	0		0.2	0.2	0.2	0.2	0.2	0.2	0.2
Nickel, total (Ni)	14	12	>88	0	0		10	10	10	10	10	13	14
Zinc, total (Zn)	14	11	>50	0	0		10	10	10	10	11	18	19

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	69.7	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