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

Location: DUTCHMAN CRK AT US 64 NR MOCKSVILLE

Station #: Q3105000 **Hydrologic Unit Code:** 03040101
Latitude: 35.88107 **Longitude:** -80.50118 **Stream class:** C
Agency: YPDRBA **NC stream index:** 12-102-(2)

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		6.4	6.8	7.1	7.9	10.2	11.3	12.8
	85	0	<5	0	0		6.4	6.8	7.1	7.9	10.2	11.3	12.8
pH (SU)	85	0	<6	0	0		6.7	6.9	6.9	7.1	7.2	7.3	7.3
	85	0	>9	0	0		6.7	6.9	6.9	7.1	7.2	7.3	7.3
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				90	103	116	129	150	171	302
Water Temperature (°C)	85	0	>32	0	0		2.8	6.3	9.3	17.9	22.1	23.8	24.7
Other													
Turbidity (NTU)	60	0	>50	2	3.3		3.4	5.8	9.2	15	20.8	31.7	120

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	43.7	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