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

Location: GOOSE CRK IN HUNLEY CREEK SUBDIVISION

Station #: Q8359500 **Hydrologic Unit Code:** 03040105
Latitude: 35.13855 **Longitude:** -80.63363 **Stream class:** C
Agency: YPDRBA **NC stream index:** 13-17-18

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		5.3	5.8	6.1	6.9	8.7	9.9	10.5
	85	0	<5	0	0		5.3	5.8	6.1	6.9	8.7	9.9	10.5
pH (SU)	85	0	<6	0	0		6.6	6.8	6.9	6.9	7.1	7.1	7.3
	85	0	>9	0	0		6.6	6.8	6.9	6.9	7.1	7.1	7.3
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				112	142	161	182	196	218	264
Water Temperature (°C)	85	0	>32	0	0		6.2	7.9	12.3	20.9	24.5	26.7	29.2
Other													
TSS (mg/L)	17	2	N/A				1	1	1.9	3.3	5.8	23.2	48
Turbidity (NTU)	60	0	>50	7	11.7	75.2	2.1	4.3	6.2	10.5	19.5	84	400
Nutrients (mg/L)													
NH3 as N	17	6	N/A				0.01	0.01	0.01	0.02	0.06	0.11	0.16
NO2 + NO3 as N	17	0	N/A				0.14	0.23	0.3	0.43	0.48	0.6	0.62
TKN as N	17	2	N/A				0.2	0.2	0.3	0.46	0.81	1.77	3.7
Total Phosphorus	17	1	N/A				0.02	0.03	0.06	0.1	0.12	0.23	0.61

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	61.9	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