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

Location: FLAT SWAMP AT SR 1159 THIRD ST AT ROBERSONVILLE

Station #: O7000000 **Hydrologic Unit Code:** 03020103

Latitude: 35.81602 **Longitude:** -77.26421 **Stream class:** C Sw NSW

Agency: TPBA **NC stream index:** 28-103-2

Time period: 03/09/2007 to 12/10/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Percentiles Min	10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	49	0	N/A				0.2	0.4	0.9	1.7	6	8.6	13
pH (SU)	49	0	<4.3	0	0		5.3	5.9	6.1	6.3	6.6	6.7	7.2
	49	0	>9	0	0		5.3	5.9	6.1	6.3	6.6	6.7	7.2
Spec. conductance (umhos/cm at 25°C)	49	0	N/A				94	117	126	145	159	186	339
Water Temperature (°C)	49	0	>32	0	0		3.3	8.7	13.7	20.9	23.5	24.9	25.6
Other													
Turbidity (NTU)	34	0	>50	2	5.9		7.1	7.8	10	15	25.5	45	70
Nutrients (mg/L)													
NH3 as N	34	5	N/A				0.01	0.01	0.03	0.09	0.15	0.48	0.65
NO2 + NO3 as N	34	6	N/A				0.01	0.01	0.01	0.16	0.76	1.61	2.19
TKN as N	34	1	N/A				0.2	0.32	0.79	1.02	1.31	2.39	3.11
Total Phosphorus	34	0	N/A				0.03	0.04	0.1	0.19	0.27	0.66	1.5

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
34	90.9	7	20.6	63.3

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