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

Location: BALLAHACK CANAL AT SR 1526 NR CONETOE

Station #: O6201000 **Hydrologic Unit Code:** 03020103

Latitude: 35.86447 **Longitude:** -77.44383 **Stream class:** C NSW

Agency: TPBA **NC stream index:** 28-87-1.2

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

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	46	0	<4	25	54.3	100	0.3	0.8	2.1	3.4	6.7	10.3	11.3
	46	0	<5	29	63	100	0.3	0.8	2.1	3.4	6.7	10.3	11.3
pH (SU)	46	0	<6	13	28.3	100	5.2	5.6	5.9	6.3	6.6	6.8	7.2
	46	0	>9	0	0		5.2	5.6	5.9	6.3	6.6	6.8	7.2
Spec. conductance (umhos/cm at 25°C)	46	0	N/A				116	146	168	190	229	292	339
Water Temperature (°C)	46	0	>32	0	0		3.2	9.1	13.7	20	23.9	25.5	26.5
Other													
TSS (mg/L)	31	0	N/A				1.4	3.7	6.8	11	25	102	594
Turbidity (NTU)	31	0	>50	4	12.9	80.7	3.4	6.6	8.8	18	37	88.2	600
Nutrients (mg/L)													
NH3 as N	31	1	N/A				0.01	0.04	0.1	0.19	0.62	2.23	3.55
NO2 + NO3 as N	31	1	N/A				0.01	0.02	0.12	1.46	1.84	2.31	2.64
TKN as N	31	1	N/A				0.2	0.26	0.46	0.9	2.17	5.26	9.55
Total Phosphorus	31	2	N/A				0.02	0.03	0.06	0.1	0.22	0.46	1.23

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
31	95.7	10	32.3	96.7

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