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

Location: WALNUT CRK AT SR 1730 SAINT JOHNS CHURCH RD NR WALNUT CREEK

Station #: J6010950 **Hydrologic Unit Code:** 03020202

Latitude: 35.28170 **Longitude:** -77.86860 **Stream class:** C NSW

Agency: LNBA **NC stream index:** 27-68

Time period: 01/21/2005 to 12/28/2009

	# results	# ND	EL	Results not meeting EL #	%	%Conf	Min	Percentiles 10th	25th	50th	75th	90th	Max
Field													
D.O. (mg/L)	84	0	<4	1	1.2		3.8	4.6	5.6	6.4	8.1	9.9	12.1
	84	0	<5	9	10.7	67	3.8	4.6	5.6	6.4	8.1	9.9	12.1
pH (SU)	85	0	<6	1	1.2		5.8	6.3	6.5	6.6	6.9	7	7.2
	85	0	>9	0	0		5.8	6.3	6.5	6.6	6.9	7	7.2
Spec. conductance (umhos/cm at 25°C)	85	0	N/A				54	79	86	104	130	170	208
Water Temperature (°C)	85	0	>32	0	0		3.7	8.3	14	22	25	26.8	31.5
Other													
TSS (mg/L)	60	7	N/A				1	1	1.4	2.4	3.8	5.3	16
Turbidity (NTU)	60	2	>50	0	0		1	1.9	2.5	3.7	5.1	7.4	11
Nutrients (mg/L)													
NH3 as N	60	7	N/A				0.01	0.01	0.03	0.06	0.12	0.19	0.32
NO2 + NO3 as N	60	0	N/A				0.12	0.29	0.61	0.94	1.53	2.06	2.72
TKN as N	60	9	N/A				0.2	0.2	0.29	0.47	0.69	0.89	1.29
Total Phosphorus	60	3	N/A				0.02	0.03	0.04	0.06	0.08	0.13	0.18

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	39.6	2	3.3	

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