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

Location: PANTHER CRK NR FAISON

Station #: B9130000 **Hydrologic Unit Code:** 03030007

Latitude: 35.13445 **Longitude:** -78.13630 **Stream class:** C Sw

Agency: LCFRP **NC stream index:** 18-74-19-3

Time period: 01/13/2005 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)	60	0	N/A				1.2	4.3	6	7.5	9	10.2	10.9
pH (SU)	60	0	<4.3	0	0		6	6.4	6.5	6.7	6.8	7.1	8
	60	0	>9	0	0		6	6.4	6.5	6.7	6.8	7.1	8
Spec. conductance (umhos/cm at 25°C)	60	0	N/A				386	803	1061	1994	4456	10351	13906
Water Temperature (°C)	60	0	>32	1	1.7		4.2	7.2	12.9	19	25.5	28	32.4
Other													
TSS (mg/L)	60	2	N/A				2	3	4	7	12	17	73
Nutrients (mg/L)													
NH3 as N	60	4	N/A				0.01	0.02	0.03	0.08	0.18	0.42	1.71
NO2 + NO3 as N	60	15	N/A				0.01	0.02	0.03	0.15	0.75	1.72	3.46
TKN as N	60	0	N/A				0.32	0.6	0.71	1.06	1.4	2.05	4.9
Total Phosphorus	60	0	N/A				0.04	0.07	0.11	0.16	0.27	0.52	2.95

Fecal Coliform Screening(#/100mL)

# results:	Geomean:	# > 400:	% > 400:	%Conf:
60	299.2	25	41.7	100

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