Maine DEP Wetland Station Report

Physical/Chemical Attributes

Station: W-008 **Name:** SONGO POND INLET - W-008

Trip ID: 1998-008 **Town:** BETHEL

Mitigation Monitoring Site: No

Catchment Land Use

		High Int. Dev %	0.0	**Water %**	0.0	**Non-vegetated %**	0.0
Total Area (ac)	664	**Med Int. Dev. %**	0.0	**Wetland %**	1.2	**Tilled Agriculture %**	0.0
Total Land (ac)	664	**Low Int. Dev. %**	0.9	**Upland Woody %**	90.0	**Human Altered %**	8.8
		Development %	0.9	**Natural %**	91.2	**Impervious %**	0.8

Human Disturbance

TOTAL SCORE	1
Hydrologic Modifications	0
Vegetative Modifications	0
Chemical Contaminants	0
Impervious Surface	1
Non-point Sources	0

Landscape-level Cowardin Classification

System:	PALUSTRINE
Subsystem:	
Class 1:	UNCONSOLIDATED BOTTOM
Subclass 1:	MUD
Class 2:	
Subclass 2:	
Class 3:	
Subclass 3:	

Hydrogeomorphic Setting

Landscape Position:	LOTIC STREAM
Lotic Gradient:	LOW GRADIENT
Flow Path:	THROUGHFLOW
Land Form:	FRINGE
Land Form Type:	LOTIC STREAM FRINGE POND
Waterbody Type:	POND
Comments:	small in-stream pond sampled

Water Chemistry

Field pH:		**Lab pH:**	6.29 STU	**Si:**	3.23 MG/L
Field Conductivity:	69.2 US/CM	**Lab Conductivity:**	31 US/CM	**NO3:**	0.0826 MG/L
Temperature:	20.3 DEG C	**Alkalinity:**	7.95 MG/L	**NO3 + NO2:**	
Dissolved O2:	2.8 MG/L	**Color:**	109 UNIT	**Total N:**	0.68 MG/L
		DOC:	10 MG/L	**TKN:**	
		Ca:	2.59 MG/L	**NH4:**	0.07 MG/L
		Mg:	0.47 MG/L	**PO4:**	0.0038 MG/L
		K:	0.92 MG/L	**Total P:**	0.058 MG/L
		Na:	3.28 MG/L	**Chl. a:**	0.015 MG/L
		Cl:	4.15 MG/L	**Corr. Chl. a:**	
		Sulfate:	3.3168 MG/L		

Dominant Plant Species: SEDGES, SPIREA, ALDER, SPHAGNUM, GRASSES

Habitat Classification:

Substrate Classification:
ORGANIC SOIL SUBSTRATE