



# Maine DEP Wetland Station Report

## Physical/Chemical Attributes

**Station:** W-008                      **Name:** SONGO POND INLET - W-008  
**Trip ID:** 1999-008                **Town:** BETHEL  
**Mitigation Monitoring Site:** No

### Catchment Land Use

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

### Human Disturbance

<b>TOTAL SCORE</b>	1
<b>Hydrologic Modifications</b>	0
<b>Vegetative Modifications</b>	0
<b>Chemical Contaminants</b>	0
<b>Impervious Surface</b>	1
<b>Non-point Sources</b>	0

### Landscape-level Cowardin Classification

<b>System:</b>	PALUSTRINE
<b>Subsystem:</b>	
<b>Class 1:</b>	UNCONSOLIDATED BOTTOM
<b>Subclass 1:</b>	MUD
<b>Class 2:</b>	
<b>Subclass 2:</b>	
<b>Class 3:</b>	
<b>Subclass 3:</b>	

### Hydrogeomorphic Setting

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

### Water Chemistry

<b>Field pH:</b>	5 STU	<b>Lab pH:</b>	6.38 STU	<b>Si:</b>	2.3 MG/L
<b>Field Conductivity:</b>	15.1 US/CM	<b>Lab Conductivity:</b>		<b>NO3:</b>	< 0.01 MG/L
<b>Temperature:</b>	20 DEG C	<b>Alkalinity:</b>	6.85 MG/L	<b>NO3 + NO2:</b>	
<b>Dissolved O2:</b>	5.4 MG/L	<b>Color:</b>	130 UNIT	<b>Total N:</b>	0.93 MG/L
		<b>DOC:</b>	14 MG/L	<b>TKN:</b>	
		<b>Ca:</b>	2.04 MG/L	<b>NH4:</b>	0.01 MG/L
		<b>Mg:</b>	0.6 MG/L	<b>PO4:</b>	0.0029 MG/L
		<b>K:</b>	0.48 MG/L	<b>Total P:</b>	0.044 MG/L
		<b>Na:</b>	2.35 MG/L	<b>Chl. a:</b>	0.0082 MG/L
		<b>Cl:</b>	0.72 MG/L	<b>Corr. Chl. a:</b>	
		<b>Sulfate:</b>	2.59 MG/L		

### **Dominant Plant Species:**

### **Habitat Classification:**

EMERGENT PERSISTENT VEGETATION  
OPEN WATER STANDING

### **Substrate Classification:**

DETRITUS SUBSTRATE