Maine DEP Wetland Station Report

Physical/Chemical Attributes

Station: W-007 **Name:** SMITH MILL ROAD - W-007

Trip ID: 2000-007 **Town:** STANDISH

Mitigation Monitoring Site: No

Catchment Land Use

		High Int. Dev %	0.3	**Water %**	3.0	**Non-vegetated %**	0.8
Total Area (ac)	5739	**Med Int. Dev. %**	0.3	**Wetland %**	8.4	**Tilled Agriculture %**	1.1
Total Land (ac)	5573	**Low Int. Dev. %**	2.0	**Upland Woody %**	84.7	**Human Altered %**	6.9
		Development %	2.6	**Natural %**	93.1	**Impervious %**	2.3

Human Disturbance

TOTAL SCORE	8
Hydrologic Modifications	2
Vegetative Modifications	1
Chemical Contaminants	0
Impervious Surface	2
Non-point Sources	3

Landscape-level Cowardin Classification

System:	PALUSTRINE
Subsystem:	
Class 1:	EMERGENT
Subclass 1:	PERSISTENT
Class 2:	
Subclass 2:	
Class 3:	
Subclass 3:	

Hydrogeomorphic Setting

Landscape Position:	LENTIC
Lotic Gradient:	
Flow Path:	THROUGHFLOW
Land Form:	FRINGE
Land Form Type:	LENTIC
Waterbody Type:	LAKE
Comments:	

Water Chemistry

Field pH:	5.5	STU	**Lab pH:**	6.43	STU	**Si:**		0.13	MG/L
Field Conductivity:	39.1	US/CM	**Lab Conductivity:**			**NO3:**	<	0.01	MG/L
Temperature:	24.5	DEG C	**Alkalinity:**	5.2	MG/L	**NO3 + NO2:**			
Dissolved O2:	4.79	MG/L	**Color:**	80	UNIT	**Total N:**		0.5	MG/L
			DOC:	10	MG/L	**TKN:**			
			Ca:	2.09	MG/L	**NH4:**		0.02	MG/L
			Mg:	0.61	MG/L	**PO4:**	<	0.001	MG/L
			K:	0.36	MG/L	**Total P:**		0.014	MG/L
			Na:	5.06	MG/L	**Chl. a:**		0.0052	MG/L
			Cl:	8.52	MG/L	**Corr. Chl. a:**			
			Sulfate:	1.08	MG/L				

Dominant Plant Species: SEDGES, C. CANADENSIS, WHORLED LOOSESTRIFE

Habitat Classification:
EMERGENT NON-PERSISTENT VEGETATION
EMERGENT PERSISTENT VEGETATION

Substrate Classification:
DETRITUS SUBSTRATE