



AQUATIC PLANT SURVEY

Lakes Environmental Association



Date: 8-20-2025

Survey map attached? (circle one) Y ☒ N ☐

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Survey For: Hancock and Sand Ponds Association

Address: PO Box 856, Denmark ME 04022

Waterbody Sand Pond Town Denmark

On-Water Survey Hours 3 X # Surveyors 3 = Total Hours 9

GPS Location (s) 43.947156, -70.754060

Description of Survey Area: (size, depth, substrate, dominant wave/ wind, traffic)

Sand Pond is 256 acres and has a maximum depth of 49 feet. Sand Pond is connected to Hancock Pond through a narrow channel at the southern end. The substrate is mostly a mud/leaf litter, however there are many rocks in the southern end. Sand Pond has several small shallow coves. Sand Pond has less boat traffic than Hancock Pond. There was a light breeze on the day of the survey. Sand Pond has a small boat launch, as well as a summer camp on the northern end. Visibility from the surface was good, and our team could see the bottom in littoral areas.

Survey Methods:

Boat survey

Dominant Species:

Pipewort

Invasives found? GPS coordinates, management plan:

N/A

Plant Inventory: X = presence; D= Dominant; U= uncommon

Common Native Plant	Inventory	Common Native Plant (cont.)	Inventory
aquatic moss spp.	X	spatterdock <i>Nuphar variegata</i>	X
arrowhead spp. (submersed) <i>Sagittaria spp.</i>		spikerush spp. <i>Eleocharis spp.</i>	
Bladderwort spp. <i>Utricularia spp.</i>	X	sponge, freshwater spp.	
bulrush spp. <i>Schoenoplectus spp.</i>		sonewort spp. <i>Niterlla spp.</i>	
bur-reed spp. <i>Sparganium spp.</i>		three-way sedge <i>Dulichium arundinaceum</i>	
cattail <i>Typha spp.</i>		water buttercup <i>Ranunculus spp.</i>	
coontail <i>Ceratophyllum demersum</i>		water lily, fragrant <i>Nymphaea odorata</i>	X
duckweed, common <i>Lemna minor</i>		water lobelia <i>Lobelia dortmanna</i>	
duckweed, giant <i>Spirodela polyrhiza</i>		water marigold <i>Bidens beckii</i>	
golden pert <i>Gratiola aurea</i>		water parsnip <i>Sium suave</i>	
little floating heart <i>Nymphoides cordata</i>	X	water starwort, spp. <i>Callitriche spp.</i>	
mannagrass, northern <i>Glyceria borealis</i>		water milfoil spp. <i>Myriophyllum spp.</i>	
metaphyton (colonial algae "clouds")	X	watershield <i>Brasenia schreberi</i>	X
muskgrass <i>Chara spp.</i>		waterweed, common <i>Elodea canadensis</i>	
naiad, slender <i>Najas flexilis</i>		waterweed, slender <i>Elodea nutallii</i>	
naiad, thread-like <i>Najas gracillima</i>		waterwort <i>Elatine minima</i>	
pickerel weed <i>Pontederia cordata</i>	X	wild celery (eel grass) <i>Vallisneria americana</i>	X
pipewort <i>Eriocaulon aquaticum</i>	D		
Pondweed spp. <i>Potamogeton spp.</i>	X		
quillwort spp. <i>Isoetes spp.</i>			
rush, bayonet <i>Juncus militaris</i>	X		
rush, brown-fruited <i>Juncus pelocarpus</i>			

NOTES:

Our team surveyed both northern coves, and several small coves via boat survey. No invasive species were found.

SPECIES OF SPECIAL CONCERN: (note GPS waypoint)

N/A