



AQUATIC PLANT SURVEY  
Lakes Environmental Association



Date: 9/9/2024

Survey map attached? (circle one)  Y  N

Page 1 of 2

Survey For: Keoka Lake Association

Address: PO Box 97, Waterford ME 04088

Waterbody Keoka Lake Town Waterford

On-Water Survey Hours 2 X # Surveyors 3 = Total Hours 6

GPS Location (s) 44.180425, -70.707061

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

Keoka Lake is a 460 acre lake with a maximum depth of 42 feet. Most of the substrate is rocky and sandy. Part of the southwest side of the lake had more of a silty and muddy substrate that supports more vegetation growth. We surveyed the main boat launch, as well as a few of these areas with more vegetation growth. Many of these spots are popular for anglers as well. Keoka is a relatively open lake with natural wave action from the wind. While there is some boat traffic due to the public launch, and being a popular spot for anglers, it is relatively a low boat traffic area.

**Survey Methods:**

Snorkeling

**Dominant Species:**

Pipwort/Waterweed

**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.		spatterdock <i>Nuphar variegata</i>	
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>	U	water buttercup <i>Ranunculus spp.</i>	
coontail <i>Ceratophyllum demersum</i>		water lily, fragrant <i>Nymphaea odorata</i>	
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>		water starwort, spp. <i>Callitriche spp.</i>	
mannagrass, northern <i>Glyceria borealis</i>		water milfoil spp. <i>Myriophyllum spp.</i>	
metaphyton (colonial algae "clouds")	U	watershield <i>Brasenia schreberi</i>	
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>	U	wild celery (eel grass) <i>Vallisneria americana</i>	
pipewort <i>Eriocaulon aquaticum</i>	D		
Pondweed spp. <i>Potamogeton spp.</i>	D		
quillwort spp. <i>Isoetes spp.</i>			
rush, bayonet <i>Juncus militaris</i>			
rush, brown-fruited <i>Juncus pelocarpus</i>			

## NOTES:

This lake has very little vegetation.

SPECIES OF SPECIAL CONCERN: (note GPS waypoint)

N/A