

2023

INVASIVE AQUATIC PLANT SCREENING SURVEY  
DOCUMENTATION FORM (4/11/2023)

Please complete a separate documentation form for each distinct survey; each waterbody surveyed, or each different survey level conducted on a single waterbody. Submit a copy of each completed form by Nov. 15, 2023 to LSM 24 Maple Hill Rd. Auburn ME 04210.

**DON'T FORGET: On-Water Survey Hrs** 4 X # surveyors 4 = Total Hrs 26

**Section 1: General Information** Survey Map Attached? (circle one) Y  N

Waterbody Saturday Pond Town Otisfield County Oxford State ME

MIDAS # 3440 Date(s) 5/30, 4/21, 7/17, 8/20, 9/29 Sector's Location complete pond

Lead Surveyor Susan LaFleur IPP Training  N Cert # LA-1712 Cert Level (1) 2

Phone  Infestation Surveillance

Lake Team Saturday Pond Watershed Assoc. Regional Affiliation  Surveyor Type:  Vol  Agency / Other

Additional Surveyor #1 Julie Waskus Cert # YW-4188 IPP Training  Y

Additional Surveyor #2 Amy Brown Cert # BR-1988 IPP Training  Y

Additional Surveyor #3 Elio Attalides Cert # AT-1935 IPP Training  Y

Check all that apply unless otherwise indicated

Survey Level		Screening Methods		Relative Water Level (check one)	
check one	check one	VISUAL METHODS	GRAB SAMPLE METHODS		
<input type="checkbox"/> Limited Level 1	<input type="checkbox"/> By Sector	<input type="checkbox"/> Random Points	<input checked="" type="checkbox"/> Random Points	<input type="checkbox"/> Above	
<input type="checkbox"/> Level 2	<input type="checkbox"/> Multiyear	<input type="checkbox"/> Plot Points	<input type="checkbox"/> Target Points	<input checked="" type="checkbox"/> Normal High	
<input checked="" type="checkbox"/> Level 3	<input type="checkbox"/> By Sector	<input type="checkbox"/> Transects	<input type="checkbox"/> Plot Points	<input checked="" type="checkbox"/> Below	
	<input checked="" type="checkbox"/> Entire	<input checked="" type="checkbox"/> Complete Coverage		Maximum Observed Plant Depth (circle units)	
<b>Invasive Plant/s Targeted</b>				<u>approx. 3</u> Meters <input checked="" type="radio"/> Feet	
<input checked="" type="checkbox"/> Complete List - all 11 invaders on Section 2 table below					
<input type="checkbox"/> Partial List - Use codes from Sec. 2 to list specific targets					
Additional Survey Goals			Light Conditions	Water Clarity	
<input type="checkbox"/> Inventory of dominant native plants by sector			<input checked="" type="checkbox"/> Bright (distinct shadow)	<input type="checkbox"/> 1-Clear <input type="checkbox"/> 2	
<input type="checkbox"/> Inventory of dominant native plants by waterbody			<input checked="" type="checkbox"/> Cloudy Bright	<input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4-Turbid	
<input checked="" type="checkbox"/> Complete inventory of native plants including rare/endangered species			<input type="checkbox"/> Overcast		
Surface Conditions		Plant Conditions		Viewing Methods	
<input checked="" type="checkbox"/> Flat	<input type="checkbox"/> Wavelets (no whitecaps)	<input checked="" type="checkbox"/> Pre-Mature	<input checked="" type="checkbox"/> Early Decay	<input checked="" type="checkbox"/> Tube Scope	
<input checked="" type="checkbox"/> Ripples	<input type="checkbox"/> Scattered Whitecaps	<input type="checkbox"/> Mature	<input checked="" type="checkbox"/> Advanced Decay	<input type="checkbox"/> Bucket Scope or equivalent	
				<input type="checkbox"/> Face mask or equivalent	
				<input type="checkbox"/> Polarized Lenses <input checked="" type="checkbox"/> Naked Eye <input type="checkbox"/> Other	

**Section 2: Invasive Aquatic Plant Screening Survey** Suspected IAP observed: Y  N  (Continue this section only if YES)

Suspicious Plant Submitted for ID: Y  N  TO: LSM  DEP  Other (explain)  Date:

Brazilian Floater (BF) Curly-Leaf Pondweed (CP) Eurasian Watermilfoil (EM) European Frogbit (EF) European Nutsedge (EN) Fanwort (F)  
Parrot Feather (PF) Yellow Floating Heart (YH) Variable Leaf Watermilfoil (VM) [VMh for hybrid] Water Chestnut (WC) Hydrilla (H)

IAP CODE	Sector/Location	GPS Lat/Long	Buoy Code	NOTES

**Section 3: Observed Species of Concern**

SPECIES	Sector/Location	GPS Waypoint	Buoy Code	NOTES
<u>Chinese Mystery Snails</u>	<u>VARIOUS</u>			<u>less numbers than past year.</u>

EXAMPLE SPECIES OF CONCERN: purple loosestrife, Chinese mystery snail, glectrichia, didymo

Section 4: Native Plant Inventory

For inventory: ✓ = presence; D = dominant; U = uncommon

Common Native Plant Checklist <sup>2</sup> <i>entire</i> →	Sector	Common Native Plant Checklist (cont'd) <i>entire</i> →	Sector
aquatic moss spp.	✓	wash brown-rimmed <i>Juncus pelocarpus</i>	✓
arrowhead, common <i>Sagittaria latifolia</i>	✓	spatterdock <i>Nepha variegata</i>	✓
arrowhead, grass-leaved <i>Sagittaria graminea</i>		spikerush, needle <i>Eleocharis acicularis</i>	
arrowhead, spp. (submersed) <i>Sagittaria</i> spp.		spikerush, Robbin's <i>Eleocharis robbinsii</i>	
bladderwort, common <i>Utricularia vulgaris</i>	✓	sponge, freshwater spp.	
bladderwort, floating <i>Utricularia radiata</i>		stonewort, spp. <i>Najas</i> spp.	
bladderwort, lumpy <i>Utricularia gibba</i>		thrice-way sedge <i>Dulichium arundinaceum</i>	✓
bladderwort, large purple <i>Utricularia purpurea</i>	✓	water lily, spp. <i>Nymphaea</i> spp.	
bladderwort, lesser <i>Utricularia minor</i>		water lily, fragrant <i>Nymphaea odorata</i>	✓
bladderwort, northern <i>Utricularia intermedia</i>	✓	water lobelia <i>Lobelia dortmanna</i>	✓
bladderwort, spp. <i>Utricularia</i> spp.		water marigold <i>Bidens herbii</i>	
bulrush, soft-stem <i>Scheuchzeria palustris</i>	✓	water parrot <i>Sium suave</i>	
bulrush, water <i>Scheuchzeria subterminalis</i>	✓	water starwort, spp. <i>Callitriche</i> spp.	
bur-reed, floating-leaf <i>Sparganium fluitans</i>	✓	water-milfoil, alternate-flowered <i>Myriophyllum alterniflorum</i>	
bur-reed, narrow floating-leaf <i>Sparganium angustifolium</i>		water-milfoil, dwarf <i>Myriophyllum tenellum</i>	
bur-reed, spp. <i>Sparganium</i> spp.	✓	water-milfoil, Farwell's <i>Myriophyllum farwellii</i>	
cattail, common <i>Typha latifolia</i>		water-milfoil, low <i>Myriophyllum humile</i>	
cattail, spp. <i>Typha</i> spp.		water-milfoil, northern <i>Myriophyllum sibiricum</i>	
covecattail <i>Ceratophyllum demersum</i>		water-milfoil, whorled <i>Myriophyllum verticillatum</i>	
duckweed, common <i>Lemna minor</i>	✓	water-milfoil, spp. <i>Myriophyllum</i> spp.	
duckweed, giant <i>Spirodela polyrriza</i>		watershield <i>Brasenia schreberi</i>	✓
golden pelt <i>Gaillardia aurea</i>		waterweed, common <i>Elodea canadensis</i>	
little floating heart <i>Nymphoides cordata</i>	✓	waterweed, slender (broad) <i>Elodea nuttallii</i>	
managrass, northern <i>Glyceria borealis</i>		waterwort <i>Flabium minimum</i>	
metaphyton (colonial algae "clouds")		wild celery (eel grass) <i>Vallisneria spiralis</i>	
muskgrass <i>Chara</i> spp.			
naiad, slender <i>Najas flexilis canadensis</i> *			
naiad, thread-like <i>Najas gracillima</i>			
pickering weed <i>Pontederia cordata</i>	✓	wild blueberry	
pipewort <i>Eriocaulon aquaticum</i>	✓	Iris, purple	
pondweed, flat-stem <i>Potamogeton amplifolius</i>		winterberry	
pondweed, budding slender <i>Potamogeton zosterifolius</i>	✓	wild pink azalea	
pondweed, clasping-leaf <i>Potamogeton perfoliatus</i>	✓	witch hazel	
pondweed, fern <i>Potamogeton robbinsii</i>		sassafras	
pondweed, flat-stem <i>Potamogeton zosterifolius</i>		common mountain aster	
pondweed, floating-leaf <i>Potamogeton natans</i>	✓		
pondweed, large-leaf <i>Potamogeton amplifolius</i>			
pondweed, Oakes <i>Potamogeton oakesianus</i>			
pondweed, red-head (clasping) <i>Potamogeton richardsonii</i>			
pondweed, ribbon-leaf <i>Potamogeton ephedrus</i>			
pondweed, slender <i>Potamogeton pusillus</i>	✓		
pondweed, small <i>Potamogeton pusilloid</i> spp.			
pondweed, spiral-trunked <i>Potamogeton spirillus</i>			
pondweed, spp. <i>Potamogeton</i> spp.			
pondweed, variable <i>Potamogeton gramineus</i>			
quillwort spp. <i>Isetes</i> spp.	✓		
rush, bayonet <i>Juncus millersii</i>			

NOTES:

2 loons  
ducks  
turtles  
frogs  
great Blue Heron  
common water snakes

\**Najas flexilis* explanation and <sup>2</sup> form listing plants by scientific names available at [http://www.lakestonards.org/volunteerinfo/invasives/plant\\_monitoring.htm](http://www.lakestonards.org/volunteerinfo/invasives/plant_monitoring.htm)