

2019



INVASIVE AQUATIC PLANT SCREENING SURVEY DOCUMENTATION FORM (5/10/2018)



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, 2018 to LSM 24 Maple Hill Rd. Auburn ME 04210.

2019

Section 1: General Information

Survey Map Attached? (circle one)

Y

N

 Waterbody Saturday Pond Town Otisfield County Oxford State ME

 MIDAS # 3440 Date/s 7/13, 7/14, 9/21, 9/22 On-Water Survey Hrs varied X # surveyors 4 Total Hrs 33

 Sector/s Location complete pond Infestation Surveillance ☐

 Lead Surveyor Susan LaFleur IPP Training Y / N Cert # LA-1712 Plant ID Proficiency Cert: Y N

Com Regional Affiliation

 Name of Lake Team Saturday Pond Watershed Association For Multi-Year Surveys: YEAR ____ OF ____

 Surveyor Type (check one) IPP Volunteer ☒ Agency ____ Research/Ed Inst. ____ Professional ____ Other (explain) ____

 Additional Surveyor # 1 Amy Brown Cert # BR-1988 IPP Training Y / N

 Additional Surveyor # 2 Julie ywoskus Cert # ____ IPP Training: Y N

 Additional Surveyor # 3 Robin Nureck Cert # ____ IPP Training: Y N

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	
☐ Limited		☐ Random Points	☒ Random Points	☐ Above
☐ Level 1	☐ By Sector	☐ Plot Points	☐ Target Points	☒ Normal High
☐ Level 2	☒ Entire	☐ Transects	☐ Plot Points	☒ Below
☒ Level 3		☒ Complete Coverage		Maximum Observed Plant Depth (Circle Units)
Invasive Plant/s Targeted				
☒ Complete List - all 11 invaders on section 2 table below ☐ Partial List - Use codes from Sec. 2 to list specific targets				<u>approx. 3</u> Meters / <u>Feet</u>
Additional Survey Goals		Grab Sample Tool		Water Clarity
☐ Inventory of dominant native plants by sector ☐ Inventory of dominant native plants by waterbody ☒ Complete inventory of native plants including rare/endangered species		☐ Long Handled Implement ☐ Weed Weasel (double rake on line) ☒ Hand		☒ Excellent ☐ Fair ☒ Good ☐ Poor
Light Conditions	Surface Conditions	Plant Conditions	Viewing Methods	
☒ Bright (distinct shadows) ☒ Cloudy Bright ☐ Overcast	☒ Flat (glass-like) ☒ Ripples ☐ Wavelets (no whitecaps) ☐ Scattered Whitecaps	☐ Pre-Mature ☒ Mature ☒ Early Decay ☒ Advanced Decay	☐ 4" Diameter Tube Scope ☐ Facemask or equivalent ☐ 6" Diameter Tube Scope ☐ Polarized Lenses ☐ Bucket Scope or equivalent ☒ Naked Eye ☐ Trunk Scope or equivalent ☐ 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 Elodea (BE) Curly-Leaf Pondweed (CP) Eurasian Watermilfoil (EM) European Frogbit (EF) European Naiad (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: Native Plant Inventory

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

Common Native Plant Checklist **	Sector	Common Native Plant Checklist (con't)	Sector
entire		entire	
aquatic moss spp.	✓	pondweed, small <i>Potamogeton pusilloid</i> spp.	
arrowhead, common <i>Sagittaria latifolia</i>	✓	pondweed, spiral-fruited <i>Potamogeton spirillus</i>	
arrowhead, grass-leaved <i>Sagittaria graminea</i>		pondweed, spp. <i>Potamogeton</i> spp.	
arrowhead, spp. (submersed) <i>Sagittaria</i> spp.		pondweed, variable <i>Potamogeton gramineus</i>	
bladderwort, common <i>Utricularia vulgaris</i>	✓	quillwort spp. <i>Isoetes</i> spp.	
bladderwort, floating <i>Utricularia radiata</i>		rush, bayonet <i>Juncus militaris</i>	
bladderwort, humped <i>Utricularia gibba</i>		rush, brown-fruited <i>Juncus pelocarpus</i>	
bladderwort, large purple <i>Utricularia purpurea</i>	✓	spatterdock <i>Nuphar variegata</i>	✓
bladderwort, lesser <i>Utricularia minor</i>		spikerush, needle <i>Eleocharis acicularis</i>	
bladderwort, northern <i>Utricularia intermedia</i>	✓	spikerush, Robbin's <i>Eleocharis robbinsii</i>	
bladderwort, spp. <i>Utricularia</i> spp.		sponge, freshwater spp.	
bulrush, soft-stem <i>Schoenoplectus tabernaemontanii</i>		stonewort, spp. <i>Nitella</i> spp.	
bulrush, water <i>schoenoplectus subterminalis</i>		three-way sedge <i>Dulichium arundinaceum</i>	✓
bur-reed, floating-leaf <i>Sparganium fluctuans</i>	✓	water buttercup <i>Ranunculus</i> spp.	
bur-reed, narrow floating-leaf <i>Sparganium angustifolium</i>	✓	water lily, fragrant <i>Nymphaea odorata</i>	✓
bur-reed, spp. <i>Sparganium</i> spp.		water lobelia <i>Lobelia dortmanna</i>	✓
cattail, common <i>Typha latifolia</i>		water marigold <i>Bidens beckii</i>	
cattail, spp. <i>Typha</i> spp.		water parsnip <i>Sium suave</i>	
coontail <i>Ceratophyllum demersum</i>		water starwort, spp. <i>Callitriche</i> spp.	
duckweed, common <i>Lemna minor</i>	✓	water-milfoil, alternate-flowered <i>Myriophyllum alterniflorum</i>	
duckweed, giant <i>Spirodela polyrhiza</i>		water-milfoil, dwarf <i>Myriophyllum tenellum</i>	
golden pert <i>Gratiola aurea</i>		water-milfoil, Farwell's <i>Myriophyllum farwellii</i>	
little floating heart <i>Nymphoides cordata</i>	✓	water-milfoil, low <i>Myriophyllum humile</i>	
mannagrass, northern <i>Glyceria borealis</i>		water-milfoil, northern <i>Myriophyllum sibiricum</i>	
metaphyton (colonial algae "clouds")	✓	water-milfoil, whorled <i>Myriophyllum verticillatum</i>	
muskgrass <i>Chara</i> spp.		water-milfoil, spp. <i>Myriophyllum</i> spp.	
naiad, slender <i>Najas flexilis/canadensis</i> *		watershield <i>Brasenia schreberi</i>	
naiad, thread-like <i>Najas gracillima</i>		waterweed, common <i>Elodea canadensis</i>	✓
pickerel weed <i>Pontederia cordata</i>	✓	waterweed, slender (Nuttall's) <i>Elodea nuttallii</i>	
pipewort <i>Eriocaulon aquaticum</i>	✓	waterwort <i>Elatine minima</i>	
pondweed, Berchtold's slender <i>Potamogeton berchtoldii</i>		wild celery (eel grass) <i>Vallisneria spiralis</i>	
pondweed, budding slender <i>Potamogeton gemmiparus</i>			
pondweed, clasping-leaf <i>Potamogeton perfoliatus</i>			
pondweed, fern <i>Potamogeton robbinsii</i>			
pondweed, flat-stem <i>Potamogeton zosteriformis</i>			
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 epihydrus</i>			
pondweed, slender <i>Potamogeton pusillus</i>			

NOTES:

Observed 2 loons, 1 great blue heron, turtles, mergansers, and common water snake.

**Najas flexilis* explanation and **form listing plants by scientific name is available at <http://www.maineimp.org/volunteer-info/invasive-plant-monitors/data-forms/>

Section 4: Observed Species of Concern

SPECIES	Sector / Location	GPS Waypoint	Buoy Code	NOTES
Chinese Mystery Snails	all			* there seems to be fewer than in previous years.

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