



INVASIVE AQUATIC PLANT SCREENING SURVEY DOCUMENTATION FORM (6/1/2022)



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, 2022 to LSM 24 Maple Hill Rd. Auburn ME 04210.

DON'T FORGET: On-Water Survey Hrs _____ X # surveyors _____ = Total Hrs _____

Section 1: General Information	Survey Map Attached? (circle one) Y N
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Waterbody _____ Town _____ County _____ State _____

MIDAS # _____ Date/s _____ Sector/s Location _____

Lead Surveyor _____ IPP Training: Y / N Cert # _____

Plant ID Proficiency Cert: Y / N Phone # _____ Email _____

Name of Lake Team _____ Regional Affiliation _____ Infestation Surveillance

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

Additional Surveyor # 1 _____ Cert # _____ IPP Training: Y / N

Additional Surveyor # 2 _____ Cert # _____ IPP Training: Y / N

Additional Surveyor # 3 _____ 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	<input type="checkbox"/> Above
<input type="checkbox"/> Limited	<input type="checkbox"/> By Sector	<input type="checkbox"/> Random Points	<input type="checkbox"/> Random Points	<input type="checkbox"/> Normal High
<input type="checkbox"/> Level 1	<input type="checkbox"/> Multiyear	<input type="checkbox"/> Plot Points	<input type="checkbox"/> Target Points	<input type="checkbox"/> Below
<input type="checkbox"/> Level 2	<input type="checkbox"/> By Sector	<input type="checkbox"/> Transects	<input type="checkbox"/> Plot Points	Maximum Observed Plant Depth <i>(Circle Units)</i>
<input type="checkbox"/> Level 3	<input type="checkbox"/> Entire	<input type="checkbox"/> Complete Coverage		
Invasive Plant/s Targeted				_____ Meters / Feet
<input 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			Grab Sample Tool	Water Clarity
<input type="checkbox"/> Inventory of dominant native plants by sector <input type="checkbox"/> Inventory of dominant native plants by waterbody <input type="checkbox"/> Complete inventory of native plants including rare/endangered species			<input type="checkbox"/> Long Handled Implement <input type="checkbox"/> Weed Weasel (double rake on line) <input type="checkbox"/> Hand	<input type="checkbox"/> 1-Clear <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 4-Turbid
Light Conditions	Surface Conditions	Plant Conditions	Viewing Methods	
<input type="checkbox"/> Bright (distinct shadows) <input type="checkbox"/> Cloudy Bright <input type="checkbox"/> Overcast	<input type="checkbox"/> Flat (glass-like) <input type="checkbox"/> Ripples <input type="checkbox"/> Wavelets (no whitecaps) <input type="checkbox"/> Scattered Whitecaps	<input type="checkbox"/> Pre-Mature <input type="checkbox"/> Mature <input type="checkbox"/> Early Decay <input type="checkbox"/> Advanced Decay	<input type="checkbox"/> 4" Diameter Tube Scope <input type="checkbox"/> 6" Diameter Tube Scope <input type="checkbox"/> Bucket Scope or equivalent <input type="checkbox"/> Trunk Scope or equivalent	<input type="checkbox"/> Facemask or equivalent <input type="checkbox"/> Polarized Lenses <input type="checkbox"/> Naked Eye <input type="checkbox"/> Other _____

Section 2: Invasive Aquatic Plant Screening Survey	Suspected IAP observed: Y N <i>(Continue this section only if YES)</i>
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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			
aquatic moss spp.					<i>Potamogeton natans</i> floating-leaf pondweed				
freshwater sponge spp.					<i>Potamogeton oakesianus</i> Oakes pondweed				
Metaphyton (colonial algae "clouds")					<i>Potamogeton perfoliatus</i> clasping-leaf pondweed				
<i>Bidens beckii</i> water marigold					<i>Potamogeton pusillus</i> slender pondweed				
<i>Brasenia schreberi</i> watershield					<i>Potamogeton pusilloid spp.</i> small pondweed				
<i>Callitriche spp.</i> water starworts					<i>Potamogeton richardsonii</i> clasping (red-head) pondweed				
<i>Ceratophyllum demersum</i> coontail					<i>Potamogeton robbinsii</i> fern pondweed				
<i>Chara spp.</i> muskgrass					<i>Potamogeton spirillus</i> spiral-fruited pondweed				
<i>Dulichium arundinaceum</i> three-way sedge					<i>Potamogeton zosteriformis</i> flat-stem pondweed				
<i>Elatine minima</i> small waterwort					<i>Potamogeton spp.</i> pondweed spp.				
<i>Eleocharis acicularis</i> needle spikerush					<i>Ranunculus spp.</i> water buttercups				
<i>Eleocharis robbinsii</i> Robbin's spikerush					<i>Sagittaria graminea</i> grass-leaved arrowhead				
<i>Elodea canadensis</i> common waterweed					<i>Sagittaria latifolia</i> common arrowhead				
<i>Elodea nuttallii</i> slender (Nuttall's) waterweed					<i>Sagittaria spp.</i> arrowhead spp.				
<i>Eriocaulon aquaticum</i> pipewort					<i>Schoenoplectus subterminalis</i> water bulrush				
<i>Glyceria borealis</i> northern mannagrass					<i>Schoenoplectus tabernaemontani</i> soft-stem bulrush				
<i>Gratiola aurea</i> golden pert					<i>Sium suave</i> water parsnip				
<i>Isoetes spp.</i> quillwort spp.					<i>Sparganium angustifolium</i> narrow floating-leaf bur-reed				
<i>Juncus militaris</i> bayonet rush					<i>Sparganium fluctuans</i> floating leaf bur-reed				
<i>Juncus pelocarpus</i> brown fruited rush					<i>Sparganium spp.</i> bur-reed spp.				
<i>Lemna minor</i> common duckweed					<i>Spirodela polyrhiza</i> giant duckweed				
<i>Lobelia dortmanna</i> water lobelia					<i>Typha latifolia</i> common cattail				
<i>Myriophyllum alterniflorum</i> alternate-flowered water-milfoil					<i>Typha spp.</i> cattail spp.				
<i>Myriophyllum farwellii</i> Farwell's water-milfoil					<i>Utricularia gibba</i> humped bladderwort				
<i>Myriophyllum humile</i> low water-milfoil					<i>Utricularia intermedia</i> northern bladderwort				
<i>Myriophyllum sibiricum</i> northern water-milfoil					<i>Utricularia minor</i> lesser bladderwort				
<i>Myriophyllum tenellum</i> dwarf water-milfoil					<i>Utricularia purpurea</i> large purple bladderwort				
<i>Myriophyllum verticillatum</i> whorled water-milfoil					<i>Utricularia radiata</i> floating bladderwort				
<i>Myriophyllum spp.</i> water-milfoil spp.					<i>Utricularia vulgaris</i> common bladderwort				
<i>Najas flexilis/canadensis</i> slender naiad					<i>Utricularia spp.</i> bladderwort spp.				
<i>Najas gracillima</i> thread-like naiad					<i>Vallisneria americana</i> wild celery (eel grass)				
<i>Nitella spp.</i> stonewort spp.									
<i>Nuphar variegata</i> spatterdock									
<i>Nymphaea odorata</i> fragrant water lily									
<i>Nymphoides cordata</i> little floating heart									
<i>Pontederia cordata</i> pickerel weed									
<i>Potamogeton amplifolius</i> large-leaf pondweed									
<i>Potamogeton berchtoldii</i> Berchtold's slender pondweed									
<i>Potamogeton epihydrus</i> ribbon-leaf pondweed									
<i>Potamogeton gemmiparus</i> budding slender pondweed									
<i>Potamogeton gramineus</i> variable pondweed									

NOTES:

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

Section 4: Observed Species of Concern (purple loosestrife, Chinese mystery snail, gleotrichia, didymo, etc.)

SPECIES	Sector / Location	GPS Waypoint	Buoy Code	NOTES