



INVASIVE AQUATIC PLANT SCREENING SURVEY DOCUMENTATION FORM (5/1/2011)



Please complete a separate documentation form for each distinct survey: each waterbody (or assigned sector) surveyed, or each different survey level conducted on a single waterbody. Submit a copy of each completed form by Nov. 15, 2011 to VLMP 24 Maple Hill Rd. Auburn ME 04210.

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

MIDAS # _____ Date/s _____ Total Survey Hrs _____ X # surveyors _____

Sector/s Location _____

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

Email _____ Regional Affiliation _____

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

<p>Survey Level (check one)</p> <p><input type="checkbox"/> Limited</p> <p><input type="checkbox"/> Infestation</p> <p><input type="checkbox"/> Surveillance</p> <p><input type="checkbox"/> Level 1</p> <p><input type="checkbox"/> Level 2</p> <p><input type="checkbox"/> Level 3</p> <p>(Check one) By Sector ___ Entire ___</p>	<p>Screening Method/s (check all that apply)</p> <p>VISUAL METHODS</p> <p><input type="checkbox"/> Random Points</p> <p><input type="checkbox"/> Plot Points</p> <p><input type="checkbox"/> Transects</p> <p><input type="checkbox"/> Complete Coverage</p> <p>GRAB SAMPLE METHODS</p> <p><input type="checkbox"/> Random Points</p> <p><input type="checkbox"/> Target Points</p> <p><input type="checkbox"/> Plot Points</p>	<p>Light Conditions (check all that apply)</p> <p><input type="checkbox"/> Bright (distinct shadows)</p> <p><input type="checkbox"/> Cloudy Bright</p> <p><input type="checkbox"/> Overcast</p>
<p>Relative Water Level (check one)</p> <p><input type="checkbox"/> Above</p> <p><input type="checkbox"/> Normal High</p> <p><input type="checkbox"/> Below</p>	<p>Maximum Observed Plant Depth (<i>circle units</i>)</p> <p>_____ Meters / Feet</p>	<p>Surface Conditions (check all that apply)</p> <p><input type="checkbox"/> Flat (glass-like)</p> <p><input type="checkbox"/> Ripples</p> <p><input type="checkbox"/> Wavelets (no white caps)</p> <p><input type="checkbox"/> Scattered whitecaps</p>
<p>Screening Target/s (check all that apply)</p> <p><input type="checkbox"/> Complete (all 11 invaders on Section 2 table below)</p> <p><input type="checkbox"/> Partial (Use codes from Sec. 2 to list specific targets _____)</p>		<p>Grab Sample Tool (check all that apply)</p> <p><input type="checkbox"/> Long Handled Implement</p> <p><input type="checkbox"/> Weed Weasel (Double Rake on Line)</p> <p><input type="checkbox"/> Hand</p>
<p>Additional Survey Goals (check all that apply)</p> <p><input type="checkbox"/> Inventory of dominant native plants by sector</p> <p><input type="checkbox"/> Inventory of dominant native plants by waterbody</p> <p><input type="checkbox"/> Complete inventory of native plants including rare/endangered species</p>		<p>Viewing Methods (check all that apply)</p> <p><input type="checkbox"/> 4" diameter Tube Scope</p> <p><input type="checkbox"/> 6" diameter Tube Scope</p> <p><input type="checkbox"/> 9-10" diam Bucket Scope or equivalent</p> <p><input type="checkbox"/> Trunk Scope or equivalent</p> <p><input type="checkbox"/> Facemask or equivalent</p> <p><input type="checkbox"/> Polarized Lenses</p> <p><input type="checkbox"/> Naked Eye</p> <p><input type="checkbox"/> Other: _____</p>
<p>Plant Conditions (check one)</p> <p><input type="checkbox"/> Pre-Mature <input type="checkbox"/> Mature <input type="checkbox"/> Early Decay <input type="checkbox"/> Advanced Decay</p>		

**Don't Forget
to Record
Your Survey
Hours!**

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: VLMP ___ 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 Waypoint	Buoy Code	NOTES

Section 3: Native Plant Inventory

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

Common Native Plant Checklist	Inventory by Multiple Discrete Areas								Composite Inventory	NOTES:
aquatic moss spp.										
arrowhead, spp. <i>Sagittaria spp.</i>										
bladderwort, common <i>Utricularia macrorhiza</i>										
bladderwort, large purple <i>Utricularia purpurea</i>										
bladderwort, spp. <i>Utricularia spp.</i>										
bur-reed, floating leaf <i>Sparganium fluctuans</i>										
bur-reed, narrow floating-leaf <i>S. angustifolium</i>										
bur-reed, spp. (emergent) <i>Sparganium spp.</i>										
coontail <i>Ceratophyllum demersum</i>										
little floating heart <i>Nymphoides cordata</i>										
metaphyton (colonial algae "clouds")										
muskgrass <i>Chara spp.</i>										
naiad, slender <i>Najas flexilis</i>										
pickerel weed <i>Pontederia cordata</i>										
pipewort <i>Eriocaulon aquaticum</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, ribbon-leaf <i>Potamogeton epiphydrus</i>										
pondweed, small <i>Potamogeton pusilloid spp.</i>										
pondweed, spiral-fruited <i>Potamogeton spirillus</i>										
pondweed, spp. <i>Potamogeton spp.</i>										
pondweed, variable <i>Potamogeton gramineus</i>										
quillwort spp. <i>Isoetes spp.</i>										
rush, bayonet <i>Juncus militaris</i>										
spatterdock, <i>Nuphar variegata</i>										
spikerush, needle <i>Eleocharis acicularis</i>										
stonewort spp. <i>Nitella spp.</i>										
water lily, fragrant <i>Nymphaea odorata</i>										
water lobelia <i>Lobelia dortmanna</i>										
water marigold <i>Bidens beckii</i>										
water milfoil, dwarf <i>Myriophyllum tenellum</i>										
water milfoil, alternate-flowered <i>M. alterniflorum</i>										
water milfoil, Farwell's <i>M. farwellii</i>										
water milfoil, low <i>Myriophyllum humile</i>										
water milfoil, northern <i>Myriophyllum sibiricum</i>										
water milfoil, whorled <i>Myriophyllum verticillatum</i>										
watershield <i>Brasenia schreberi</i>										
waterweed, common <i>Elodea canadensis</i>										
waterweed, slender (Nutall's) <i>Elodea nutallii</i>										
wild celery (eel grass) <i>Vallisneria americana</i>										

Section 4: Observed Species of Concern

SPECIES	Sector / Location	GPS Waypoint	Buoy Code	NOTES

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