



INVASIVE AQUATIC PLANT SCREENING SURVEY DOCUMENTATION FORM (2/1/2010)



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, 2010 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** (# hrs X # surveyors) _____

Sector/sLocation _____

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

Email Address _____ Regional Affiliation _____

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

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

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

Additional Surveyor # 3 _____ IPP Cert # _____ IPP Training Y / N ___

Survey Level (check one only)

Limited

Infestation Surveillance

Level 1

Level 2

Level 3 (By Sector)

Level 3 (Entire)

Screening Method/s (check all that apply)

VISUAL METHODS

Random Points [VR]

Plot Points [VP]

Transects [VT]

Complete Coverage [VC]

GRAB SAMPLE METHODS

Random Points [GR]

Plot Points [GP]

Light Conditions (check all that apply)

Bright (distinct shadows)

Cloudy Bright

Overcast

Relative Water Level (check one only)

Above

Normal High

Below

Maximum Observed Plant Depth (circle units)

_____ Meters / Feet

Surface Conditions (check all that apply)

Flat (glass-like)

Ripples

Wavelets (no white caps)

Scattered whitecaps

Don't Forget to Record Your Survey Hours!

Grab Sample Tool (check all that apply)

Long Handled Implement

Weed Weasel (Double Rake on Line)

Hand

Screening Target/s (check all that apply)

Complete (all 11 invaders on Section 2 table below)

Partial (Use codes from Sec. 2 to list specific targets _____)

Scope Type (check all that apply)

Tube Scope 6" diam _____ 4" diam _____

9-10" diam Bucket Scope or equivalent

Trunk Scope or equivalent

Facemask or equivalent

Other: _____

Additional Survey Goals (check all that apply)

Inventory of dominant native plants by sector

Inventory of dominant native plants by waterbody

Complete inventory of native plants including rare/endangered species

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 epihydrus</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