



# INVASIVE AQUATIC PLANT SCREENING SURVEY DOCUMENTATION FORM (4/18/09)



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, 2009 to VLMP 24 Maple Hill Rd. Auburn ME 04210.

## Section 1: General Information

Survey Map Attached? (circle one)

Y

N

Waterbody \_\_\_\_\_ Town \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

MIDAS # \_\_\_\_\_ Date/s \_\_\_\_\_ Total Survey Hrs (# hrs X # surveyors) \_\_\_\_\_

Sector/sLocation \_\_\_\_\_

Lead Surveyor \_\_\_\_\_ IPP Cert # \_\_\_\_\_ Phone # \_\_\_\_\_

Email Address \_\_\_\_\_ Regional Affiliation \_\_\_\_\_

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

Additional Surveyor # 1 \_\_\_\_\_ IPP Cert # \_\_\_\_\_

Additional Surveyor # 2 \_\_\_\_\_ IPP Cert # \_\_\_\_\_

Additional Surveyor # 3 \_\_\_\_\_ IPP Cert # \_\_\_\_\_

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

Surface Conditions (check all that apply)

- ☐ Flat (glass-like)
- ☐ Ripples
- ☐ Wavelets (no white caps)
- ☐ Scattered whitecaps

Relative Water Level  
(check one only)

- ☐ Above
- ☐ Normal High
- ☐ Below

Maximum Observed Plant Depth (circle units)

\_\_\_\_\_ Meters / Feet

Screening Target/s (check all that apply)

- ☐ Complete (all 11 invaders on Section 2 table)
- ☐ Partial (Use codes from Sec. 2 to list specific targets \_\_\_\_\_)

Additional Survey Goals (check all that apply)

- ☐ Inventory of dominant native plants by sector
- ☐ Inventory of dom. native plants by waterbody
- ☐ Complete inventory of native plants including rare/endangered species

Scope Type (check all that apply)

- ☐ < 6" diameter view area
- ☐ 6-15" diameter view area
- ☐ 15+" diameter view area
- ☐ Facemask or equivalent

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

## 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: MCIAP \_\_\_\_\_ 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</i> spp.										
bladderwort, common <i>Utricularia macrorhiza</i>										
bladderwort, large purple <i>Utricularia purpurea</i>										
bladderwort, spp. <i>Utricularia</i> spp.										
bur-reed, floating leaf <i>Sparganium fluctuans</i>										
bur-reed, narrow floating-leaf <i>S. angustifolium</i>										
bur-reed, spp. (emergent) <i>Sparganium</i> spp.										
coontail <i>Ceratophyllum demersum</i>										
little floating heart <i>Nymphoides cordata</i>										
metaphyton (colonial algae “clouds”)										
muskgrass <i>Chara</i> spp.										
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</i> spp.										
pondweed, spiral-fruited <i>Potamogeton spirillus</i>										
pondweed, spp. <i>Potamogeton</i> spp.										
pondweed, variable <i>Potamogeton gramineus</i>										
quillwort spp. <i>Isoetes</i> spp.										
rush, bayonet <i>Juncus militaris</i>										
spatterdock, <i>Nuphar variegata</i>										
spikerush, needle <i>Eleocharis acicularis</i>										
stonewort spp. <i>Nitella</i> spp.										
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 (Nuttall’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