



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 MVLMP 24 Maple Hill Rd. Auburn ME 04210.

Section 1: General Information

Survey Map Attached? (circle one)

Y ☒ N

Waterbody Saturday Pond Town Otisfield County Oxford State ME

MIDAS # 3440 Date/s 8/7/09 & 8/28/09 Total Survey Hrs (# hrs X # surveyors) 10

Sector/s Location complete pond

Lead Surveyor Pixie Williams IPP Cert # WI1002 Phone # _____

Email Address _____ Regional Affiliation KLPPA

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

Additional Surveyor #1 Beverly Smith IPP Cert # SM1410

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

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

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 _____)

Grab Sample Tool (check all that apply)

- ☐ Long Handled Hook
- ☒ Weed Weasel (Double Rake on Line)
- ☐ Other / Describe _____

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

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.	✓								Metaphyton far less prevalent on 2 nd visit, Aug 28
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. <i>intermedia</i>									
bur-reed, floating leaf <i>Sparganium fluctans</i>	✓								
bur-reed, narrow floating-leaf <i>S. angustifolium</i>	✓								
bur-reed, spp. (emergent) <i>Sparganium</i> spp. <i>erectum</i>	✓								
coontail <i>Ceratophyllum demersum</i>									
little floating heart <i>Nymphoides cordata</i>	✓								
metaphyton (colonial algae "clouds")	D								
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 ephedrus</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 nuttallii</i>									
wild celery (eel grass) <i>Vallisneria spiralis</i>									
Juncus spp. (heads consumed)									
Native Molluscs - north end									
1 Great Blue Heron									

Section 4: Observed Species of Concern

SPECIES	Sector / Location	GPS Waypoint	Buoy Code	NOTES
Chinese Mystery Snail	common, southern end			

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