



# INVASIVE AQUATIC PLANT MAPPING SURVEY DOCUMENTATION FORM (5/1/14)



Please complete a separate form for each mapping survey. Submit a copy of each completed form by Nov. 15, 2014 to  
VLMP 24 Maple Hill Rd. Auburn ME 04210.

## Section 1: General Information

**Don't Forget to Attach the Survey Map!**

Waterbody \_\_\_\_\_ Town \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_  
 MIDAS # \_\_\_\_\_ Date/s \_\_\_\_\_ On-Water Survey Hrs \_\_\_\_\_ X # surveyors \_\_\_\_\_ = Total Hrs \_\_\_\_\_  
 Lead Surveyor \_\_\_\_\_ Cert # \_\_\_\_\_ IPP Training: Y / N Phone # \_\_\_\_\_  
 Email Address \_\_\_\_\_ Regional Affiliation \_\_\_\_\_  
 Name of Lake Team \_\_\_\_\_ For Multi-Year Surveys: YEAR \_\_\_\_\_ OF \_\_\_\_\_  
 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 \_\_\_\_\_

**Mapping Survey Primary Target(s):** \_\_\_\_\_  
 (Please choose from the list on the back of this form)

*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"/> Normal High <input type="checkbox"/> Below	
<input type="checkbox"/> Limited <input type="checkbox"/> Level 1 <input type="checkbox"/> Level 2 <input type="checkbox"/> Level 3	<input type="checkbox"/> By Sector <input type="checkbox"/> Entire	<input type="checkbox"/> Random Points <input type="checkbox"/> Plot Points <input type="checkbox"/> Transects <input type="checkbox"/> Complete Coverage	<input type="checkbox"/> Random Points <input type="checkbox"/> Target Points <input type="checkbox"/> Plot Points	<b>Maximum Observed Plant Depth (Circle Units)</b> _____ Meters / Feet	
Additional Survey Goals			Grab Sample Tool	Water Clarity	
<input type="checkbox"/> Screen for additional aquatic invaders _____ <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 natives 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"/> Excellent <input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Poor	
Light Conditions	Surface Conditions	Plant Conditions (Check One)		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"/> Facemask or equivalent <input type="checkbox"/> 6" diameter tube scope <input type="checkbox"/> Polarized Lenses <input type="checkbox"/> Bucket scope or equivalent <input type="checkbox"/> Naked Eye <input type="checkbox"/> Trunk Scope or equivalent <input type="checkbox"/> Other _____	

Additional tools or methods used: \_\_\_\_\_

## Section 2: Additional Species of Concern Observed

SPECIES	Sector / Location	GPS Lat/Long	Buoy Code	NOTES

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

### Section 3: Invasive Aquatic Plant Mapping Survey

[illegible]

<b>Brazilian Elodea (BE)</b>	<b>Curly-Leaf Pondweed (CP)</b>	<b>Eurasian Watermilfoil (EM)</b>	<b>European Frogbit (EF)</b>
<b>European Naiad (EN)</b>	<b>Fanwort (F)</b>	<b>Parrot Feather (PF)</b>	<b>Yellow Floating Heart (YH)</b>
<b>Variable Leaf Watermilfoil (VM) [VMh for hybrid]</b>		<b>Water Chestnut (WC)</b>	<b>Hydrilla (H)</b>

CODE	OBSERVATION CHARACTERIZATION
IN	Individual IAP
SDP	Small Dense Patch of IAP; Primarily single species stands, covering an area less than 100 square feet
MDP	Medium-sized Dense Patch of IAP; Primarily single species stands, covering an area 100 to 500 square feet
LDP	Large Dense Patch of IAP; Primarily single species stands, covering an area over 500 square feet (Provide an estimate of the area coverage for LDP if possible.)
SIA	Sparsely Infested Area; Plants and plant clusters sparsely distributed over a wide area, too numerous to mark individually (Shade SIA on map &/or mark outer boundaries with a series of GPS waypoints.)
MIA	Moderately Infested Area; Plants and plant clusters moderately distributed over a wide area, too numerous to mark individually (Shade MIA on map &/or mark outer boundaries with a series of GPS waypoints)
HIA	Heavily Infested Area; Plants and plant clusters are heavily distributed over a wide area, too numerous to mark individually (Shade HIA on map &/or mark outer boundaries with a series of GPS waypoints)
MXN	IAP mixed in with a significant stand of native plants (Use to modify any of the above codes.)