



INVASIVE AQUATIC PLANT MAPPING SURVEY DOCUMENTATION FORM (3/12/2019)



Please complete a separate form for each mapping survey. Submit a copy of each completed form by Nov. 15, 2019 to
LSM 24 Maple Hill Rd. Auburn ME 04210.

Section 1: General Information	Don't Forget to Attach the Survey Map!
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Waterbody _____ Town _____ County _____ State _____

MIDAS # _____ Date/s _____ **On-Water Survey Hrs** _____ **X # surveyors** _____ = **Total Hrs** _____

Lead Surveyor _____ IPP Training: Y / N Cert # _____ Plant ID Proficiency Cert: Y / N

Phone # _____ Email _____ 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		
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
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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

MAP POINT	IAP CODE	Sector / Location	GPS Waypoint	Buoy Code	Characterization Code	MXN (✓)

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)

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.)