

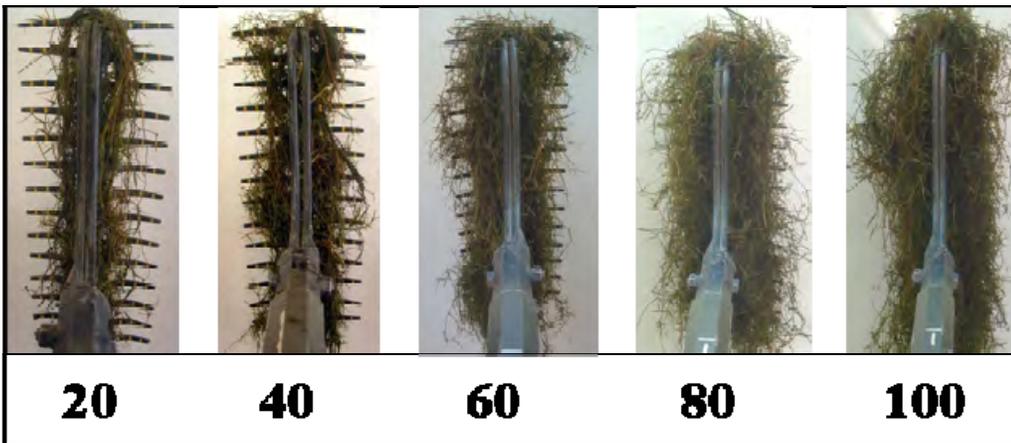
Water Quality and Aquatic Vegetation Data Sheet

Date _____ Lake Code _____ Lake Level (in) + _____ - _____
 Time _____ Secchi Disk (in) _____ Algae Bloom? Y / N _____
 Wave Intensity (circle) Calm / Slight / Moderate / Severe / Extreme Air Temp °F _____
 Wind Direction (circle) NW / N / NE / E / SE / S / SW / W Conductivity (µmhos/cm) _____
 Comments _____
 Survey Crew _____

Depth	°F	ppm O ₂	Depth	°F	ppm O ₂	Depth	°F	ppm O ₂
1			16			32		
2			17			33		
3			18			34		
4			19			35		
5			20			36		
6			21			37		
7			22			38		
8			23			39		
1			24			40		
9			25			41		
10			26			42		
11			27			43		
12			28			44		
13			29			45		
14			30			46		
15			31			47		

Lowest DO Reading Limited by cable length? (circle) True / False
 Was the DO meter standardized today? (circle) True / False

Rake % Density Examples¹



**Single Species
Plant Abundance²**

Individual species collected at each station of a transect will be broken down into 1% increments and recorded as a percent. These densities should add to 100%.

Date:		Lake Code:							
EMERGENT AND FLOATING LEAF									
<i>Transect:</i>	Edge	2'	4'	6'	8'	10'	12'	14'	16'
Total % Cover									
Species Code	Single Species % Plant Abundance ²								
SUBMERSED									
Rake Density ¹									
Species Code	Single Species % Plant Abundance ²								
ADDITIONAL SPECIES**									
Substrate Type*									
Vegetation Greater than 16' (circle) YES / NO		Additional Comments:							

EMERGENT AND FLOATING LEAF									
<i>Transect:</i>	Edge	2'	4'	6'	8'	10'	12'	14'	16'
Total % Cover									
Species Code	Single Species % Plant Abundance ²								
SUBMERSED									
Rake Density ¹									
Species Code	Single Species % Plant Abundance ²								
ADDITIONAL SPECIES**									
Substrate Type*									
Vegetation Greater than 16' (circle) YES / NO		Additional Comments:							

*Substrate codes: **be**=bedrock; **bo**=boulder; **ri**=rip/rap; **co**=cobble; **gr**=gravel; **sa**=sand; **si**=silt; **cl**=clay; **mu**=muck; **de**=detritus
 **Additional species will *not* be given a percent cover or percent density. If location is between stations "T" for true will be recorded on both contours on the line for that additional species.