WATER SAMPLING FORM

Vermont Lay Monitoring Program
Department of Environmental Conservation - Watershed Management Division
(802) 828-1535 dec.vermont.gov/watershed/lakes-ponds/monitor/lay-monitoring

1. **Lake** _____ **Town** _____

   Monitor(s) _____

   Total Rainfall (inches) Since Last Sampling Date (applicable for those with local rain gauges) _____

   OR Preceding Rainfall Conditions: Dry or Rainy (Light or Heavy) **Surface Water Temp** (0.5m) ___ °C/F

   Day of the Week: M T W Th F S Su

   Sky Conditions (Circle One): Clear Hazy Partly Cloudy Overcast

   Wave Conditions (Circle One): Calm Rippled Choppy Rough

REMINDER: Make sure your equipment is thoroughly rinsed and that there is no sediment or debris in the sample. If you find sediment or debris, re-rinse and collect a new sample. Thank You!

2. **Sample Code**

Lake Code	**Date**	**Time**	**Sample Depth** (Surface = 00.5m)	**Secchi Disk Transparency**	
___ ___ ___ ___ ___	___ ___ ___ Month Day Year	___ ___ ___ ___ 2400 hours	___ ___ . ___ meters	___ ___ . ___ meters	B Circle "B" if Secchi hits bottom

Station 2 Code

Lake Code	**Date**	**Time**	**Secchi Disk Transparency**	
___ ___ ___ ___ ___	___ ___ ___ Month Day Year	___ ___ ___ ___ 2400 hours	___ ___ . ___ meters	B Circle "B" if Secchi hits bottom

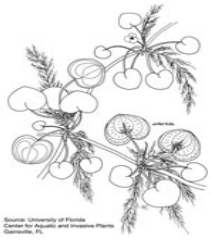
NOTES:

3. **Check to indicate if both chlorophyll and phosphorus samples were taken:**
   Phosphorus (from bottle "B") _____
   Chlorophyll (from bottle "A") _____
   Duplicate Chlorophyll (from bottle "B") _____

4. **Have you seen any of these aquatic invasive species in the lake?**

Eurasian Watermilfoil
3 to 6 leaves per whorl, ½ - 1 ½ inches between each

Water Chestnut
Fan shaped leaves ½ - 1 inch in size



European Frog-bit
Leaves 1 – 2 inches in size

Zebra Mussel
Actual size

5. **Total Sampling Time** (*include boat and lab time*): _____ hours and _____ minutes

6. **Weekly Gas Estimate** *(how much fuel costs to collect the samples – include driving and boating)* _____

7. **Signature:** _____

8. **Please complete survey on backside and add comments on anything unusual, thank you!**

WATER SAMPLING FORM

Lake Eutrophication Public Perception Survey

Please fill this form out every time you take a water sample!

Instructions:

1. Choose the one condition (section A) and the one opinion (section B) that best describes the lake on each day you sample. Use your best scientific judgment.
2. We are trying to assess public opinion and observations; there is no "correct" answer for your lake. Don't worry if your answers differ from one week to the next or if they are the same each time.
3. Choices 1-5 in section A are not meant to correspond to choices 1-5 in section B. Don't worry if you do not choose the same number in both sections.
4. Base your answers only on the apparent condition of the lake water at the sampling stations. Do not consider such things as nuisance aquatic plant growth or materials washed up on shore in your answer. The Lay Monitoring Program does not measure these, so they cannot be used in the analysis of this survey. Please feel free to comment either at the bottom of the survey sheet or on your data sheet.

Name: _____ **Lake:** _____ **Date**: _____

Select ONE Choice Each for Question A and B*

**If you select more than one choice for A and/or B, we cannot use the survey data that week.*

A. Please circle the number that best describes the physical condition of the lake water today.

1. Crystal clear water.

2. Not quite crystal clear, a little algae visible.

3. Definite algal greenness, yellowness, or brownness apparent.

4. High algal levels with limited clarity and/or mild odor apparent.

5. Severely high algal levels with one or more of the following:

-massive floating scums on the lake or washed up on shore

-strong foul odor

-fish kill

B. Please circle the number that best describes your opinion on how suitable the lake water is for recreation and aesthetic enjoyment today.

1. Beautiful, could not be any nicer.

2. Very minor aesthetic problems; excellent for swimming, boating, enjoyment.

3. Swimming and aesthetic enjoyment slightly impaired because of algal levels.

4. Desire to swim and level of enjoyment of the lake substantially reduced because of algal levels.

5. Swimming and aesthetic enjoyment of the lake nearly impossible because of algal levels.

C. Comments: