

# SNOHOMISH COUNTY VOLUNTEER LAKE MONITORING PROJECT

Lake Name: \_\_\_\_\_ Date: \_\_\_\_\_

Volunteer Name(s): \_\_\_\_\_ Time: \_\_\_\_\_

Staff Use Only
Entered <input type="checkbox"/>
Verified <input type="checkbox"/>

## BASIC MONITORING

### TEMPERATURE

Air Temperature \_\_\_\_\_ °C

Near-Surface  
Water Temperature \_\_\_\_\_ °C

### SECCHI

1<sup>st</sup> Secchi Reading\* \_\_\_\_\_ meters

2<sup>nd</sup> Secchi Reading\* \_\_\_\_\_ meters

\*measure to nearest 0.1 meters

Did Secchi disk:  hit bottom?  enter weeds?

### WATER COLOR

**Intensity:**

light  moderate  dark

**Color:**

green  brown  clear  black  yellow  
 green/yellow  green/brown  yellow/brown  
 pea-soup green  other \_\_\_\_\_

**Algae in Water**

none  slight  moderate  heavy

### WEATHER & WATERSHED CONDITIONS

**Percent Cloud Cover**

0%  10%  25%  50%  75%  90%  100%

**Rain within last 2 days**

none  trace  slight  moderate  heavy

**Current Wind Conditions**

calm  light  breezy  strong  gusty

**Algae Scum**

none  slight  moderate  heavy

**Aquatic Plants (any changes or notable observations)**

\_\_\_\_\_

Lake Odor:  yes  no

Location:  surface  bottom sample

Type:  fishy  musty  rotten egg  septic-like

Strength:  slight  moderate  heavy

Waterfowl: Ducks \_\_\_\_\_ Geese \_\_\_\_\_ Other \_\_\_\_\_

Lake Level: \_\_\_\_\_ inches

Other Lake and Watershed Conditions: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## WATER SAMPLING

Water Samples Collection Date:  yes  no

**Samples Collected & Labeled:**

TP 1 meter  
 TP (1 meter from bottom)  
 Chlorophyll a (public lakes)  
 Algae Sample Location \_\_\_\_\_

## ADVANCED MONITORING

Depth (m)	Temp (°C)	DO (mg/L)	Test Kit DO (mg/L)
0.5	_____	_____	
1	_____	_____	A _____ Surface
2	_____	_____	
3	_____	_____	B _____ 3 m
4	_____	_____	
5	_____	_____	C _____ 6 m
6	_____	_____	
7	_____	_____	D _____ 1 m
8	_____	_____	above bottom
9	_____	_____	
10	_____	_____	
12	_____	_____	
14	_____	_____	
16	_____	_____	
18	_____	_____	
20	_____	_____	
_____	_____	_____	
_____	_____	_____	

**Duplicate Value**

Depth: \_\_\_\_\_

Temp: \_\_\_\_\_

DO: \_\_\_\_\_