

# Standing Water Assessment

\* Recommended frequency – monthly from ice-out to freeze-over \*

Date \_\_\_\_\_

Time \_\_\_\_\_

IDA<sub>H2</sub>O Monitor # \_\_\_\_\_

# of Adults (including you) \_\_\_\_\_

Site Number \_\_\_\_\_

# of under 18 \_\_\_\_\_

Other Volunteers Involved \_\_\_\_\_

Site Description \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Site Location  Open Water  Shore or Dock

## PHYSICAL ASSESSMENT

Weather (check all that apply)

Sunny \_\_\_\_\_ Partly Sunny \_\_\_\_\_ Cloudy \_\_\_\_\_ Rain/Snow \_\_\_\_\_ Windy \_\_\_\_\_ Calm \_\_\_\_\_

Air Temperature \_\_\_\_\_ °Fahrenheit      Precipitation \_\_\_\_\_ inches over the last 24 hours

Wind Direction (check one)

Not applicable

North

South

East

West

Northeast

Northwest

Southeast

Southwest

Wind Speed (check one)

Calm (0-5 mph, felt on face, leaves rustle)

Breezy (sustained 5-15 mph, small branches move)

Gusty (15 + mph, small trees sway occasionally)

Strong (sustained over 15 mph, small trees sway continuously, waves form)

Secchi Disc Depth \_\_\_\_\_ meters      OR Transparency Tube \_\_\_\_\_ cm (record whole numbers only)

Water Temperature \_\_\_\_\_ °Fahrenheit

Water Level (check one) Above Normal  Normal  Below Normal

Inches above or below normal \_\_\_\_\_

Water Odor (check all that apply)

None  Sewage/Manure  Rotten Eggs  Petroleum  Fishy

**CHEMICAL ASSESSMENT**

**IMPORTANT: Use point sampling technique!**

**pH** Expiration date on bottom of bottle \_\_\_\_\_

check one – 4 \_\_\_\_\_ 5 \_\_\_\_\_ 6 \_\_\_\_\_ 7 \_\_\_\_\_ 8 \_\_\_\_\_ 9 \_\_\_\_\_

**Dissolved Oxygen (mg/L)** Expiration date on back of color comparator \_\_\_\_\_

check one – 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_ 4 \_\_\_\_\_ 5 \_\_\_\_\_ 6 \_\_\_\_\_ 8 \_\_\_\_\_ 10 \_\_\_\_\_ 12 \_\_\_\_\_

**Chloride** Expiration date on bottom of bottle \_\_\_\_\_

\_\_\_\_\_ mg/L – Convert Quantab Units to mg/L using the chart provided on the bottle

**BIOLOGICAL ASSESSMENT**

**Water Color** – Is there an obvious algal bloom? (algal mats present, water appears green or scummy)

\_\_\_\_ No \_\_\_\_ Yes (if yes, please submit a photo record)

**BENTHIC MACROINVERTEBRATE ASSESSMENT** – Use the Biological Assessment Form to record benthic data.

**HABITAT ASSESSMENT**

**\* Conduct only once per year, preferably in July, or if a major land use change occurs \***

Describe Lake Banks \_\_\_\_\_

---

---

---

Describe Adjacent Land Use \_\_\_\_\_

---

---

---

Other Observations and Notes \_\_\_\_\_

---

---

---