



Lake/Pond/Wetland Assessment

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

Date: _____ Time: _____

UTM or GPS Location: _____

Other Volunteers Involved: _____

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 (0-5mph, felt on face, leaves rustle)
- Breezy (sustained 5-15mph, small branches move)
- Strong (sustained over 15mph, small trees sway continuously, waves form)
- Gusty (gust over 15mph, small trees sway occasionally)

Site Location Open Water (from a boat) Shore or Dock

Secchi Disc Depth _____ . _____ (m)

OR: Transparency Tube (record whole numbers only – no tenths) _____ centimeters

Water Temperature _____ °Fahrenheit

Water Level (check one)

- Above Normal
- Normal
- Below Normal
- Don't know

If lake is not at normal level, and you have means to measure, please specify:

_____ inches above _____ or below _____ normal

Water Odor (check all that apply)

- None
- Sewage/Manure
- Rotten Eggs
- Petroleum
- Fishy
- Other

pH

Expiration date on bottom of bottle _____

- check one 4 5 6 7 8 9

Nitrite-N (mg/L)

Expiration date on bottom of bottle _____

- check one 0 0.15 0.3 1.0 1.5 3

Nitrate-N (mg/L)

Expiration date on bottom of bottle _____

- check one 0 1 2 5 10 20 50

Dissolved Oxygen (mg/L)

Expiration date on color comparator _____

Expiration date on ampoules _____

check one 1 2 3 4 5 6 8 10 12

Phosphate (mg/L)

Expiration date on flat color comparator _____

Expiration date on round color comparator _____

Expiration date on activator solution _____

Expiration date on ampoules _____

check one 0 0.1 0.2 0.3 0.4 0.6 0.8
 1 2 3 4 5 6 7 8 10

Chloride

Expiration date on bottom of bottle _____

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

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

Yes No (If yes, please submit a photo record)

Describe Lake Banks (undercut, riprap, trees, grass/lawn, etc.)

Describe Adjacent Land Use (park, urban, row crop, pasture, etc.)

Other Observations and Notes:
