Lake: __________________________ Date: ______________ Time: __________
Name(s): __________________________________________

WEATHER CONDITIONS

Air Temperature _______ ºC

Water Temperature (~6 inches deep) _______ ºC
Collected with: ☐ thermometer ☐ DO probe

Percent Cloud Cover
☐ 0% ☐ 10% ☐ 25% ☐ 50% ☐ 75% ☐ 90% ☐ 100%

Current Wind Conditions
☐ calm ☐ light ☐ breezy ☐ strong
(ripples) (small waves) (white caps)

Rain within last 2 days
☐ none ☐ slight ☐ moderate ☐ heavy

WATER CLARITY

Secchi Disk
Repeat until readings are within 0.1 meter

1st Secchi Reading _______ meters

2nd Secchi Reading _______ meters

*Did Secchi disk: ☐ hit bottom? ☐ enter weeds? (leave blank if neither)

WATER COLOR

Water Color
(Lower disk to half of today’s Secchi depth to identify color)

Intensity: ☐ light ☐ moderate ☐ dark

Tint: ☐ green ☐ brown ☐ red ☐ orange
☐ yellow ☐ green yellow ☐ green brown
☐ yellow brown ☐ other ______________

WATER SAMPLES

Water Samples Collected: ☐ Yes ☐ No

Samples Collected & Labeled:
☐ TP/TPN/Color - 1 meter
☐ Chlorophyll a - 1 meter
☐ TP—_____ meters
(1 meter from bottom)

Chain of Custody
Relinquished by
Sign:________________________
Date:________________________

Odor in Bottom Sample? (rotten egg) ☐ Yes ☐ No

OTHER OBSERVATIONS

# of Waterfowl:
ducks: _____ geese: _____ swans: ______
# other : ______ type(s):________________

Recreational Lake Usage:
# of boats: _____ # of people fishing: ______
# of swimmers/waders:_____

Recreational Suitability (disregard poor weather):
☐ 1 - beautiful could not be nicer
☐ 2 - minor aesthetic concerns
☐ 3 - swimming & boating slightly impaired
☐ 4 - swimming, boating & aesthetic enjoyment substantially impaired (would not swim, but boating ok)
☐ 5 - swimming, boating & aesthetic enjoyment are severely limited (would not swim or boat in lake)

ALGAE

Heavy Algae in Water? ☐ Yes ☐ No
(Use Secchi disk to assess 6-12 inches below surface)

Filamentous Algae Observed? ☐ Yes ☐ No
(Mats of stringy algae - does not dissipate if disturbed)

Algae Scum Observed? ☐ Yes ☐ No
(Looks like paint floating on surface - dissipates if disturbed)

Scum Type: ☐ small clumps ☐ light film ☐ thick scum

Sample Taken: ☐ Yes ☐ No Location:___________

LAKE LEVEL

Lake Level: _______ Unit:_________ (inches or feet)
(taken from established fixed point at shoreline or dock)

County Staff Plate: _______ feet

SAMPLE TAKEN

□ Yes □ No Location:___________

LAKE COLOR

Water Color
(Lower disk to half of today’s Secchi depth to identify color)

Intensity: ☐ light ☐ moderate ☐ dark

Tint: ☐ green ☐ brown ☐ red ☐ orange
☐ yellow ☐ green yellow ☐ green brown
☐ yellow brown ☐ other ______________

WATER SAMPLES

Water Samples Collected: ☐ Yes ☐ No

Samples Collected & Labeled:
☐ TP/TPN/Color - 1 meter
☐ Chlorophyll a - 1 meter
☐ TP—_____ meters
(1 meter from bottom)

Chain of Custody
Relinquished by
Sign:________________________
Date:________________________

Odor in Bottom Sample? (rotten egg) ☐ Yes ☐ No

OTHER OBSERVATIONS

# of Waterfowl:
ducks: _____ geese: _____ swans: ______
# other : ______ type(s):________________

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LAKE LEVEL

Lake Level: _______ Unit:_________ (inches or feet)
(taken from established fixed point at shoreline or dock)

County Staff Plate: _______ feet

COMMENTS

(Provide additional comments for aquatic plants, odors, wildlife, pollution, equipment issues, etc. - continued on back)
### DISSOLVED OXYGEN MONITORING - LAKE PROFILES

<table>
<thead>
<tr>
<th>Depth (m)</th>
<th>Temp (°C)</th>
<th>DO (mg/L)</th>
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<td><em><em>Duplicate</em> (m)</em>*</td>
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</table>

**Advanced Monitoring Information:**

Lake Depth: _____ meters
*(depth at which probe hits lake bottom)*

Instrument Name: _____________________________

Instrument Calibration Successful?

☐ Yes  ☐ No

Instrument Comments:
*(describe any problems experienced etc.)*

_____________________________

_____________________________

_____________________________

_____________________________

_____________________________

Other Comments *(continued from page 1):*

_____________________________

_____________________________

_____________________________

_____________________________

_____________________________

_____________________________

* Repeat measurement at one depth to verify instrument precision. Select a duplicate depth near the lake surface or lake bottom.

** Duplicate reading should be within the listed criteria. If the instrument does not meet the criteria, notify the Lakes group.