

| | | |
|--|---------------------------|--------------|
| WIND DIR. CODES | LAKE _____ | TOWN _____ |
| N = 1 S = 5 NE = 2 SW = 6 E = 3 W = 7 SE = 4 NW = 8 no wind, enter 0 | STATION DESCRIPTION _____ | COUNTY _____ |

| | | | | | | | |
|--------------------|------------|-------------|--|---------------------|----------------|--|---|
| STATION: LAT _____ | LONG _____ | DATUM _____ | ACCURACY _____ | ON TARGET? Y / N | | | |
| LAKE | MIDAS | STATION | CERTIFIED MONITORS 1 & 2 (Last name, First name) | PROJECT E I 0 3 | | | |
| MONTH | DAY | YEAR | MILITARY TIME | WIND VELOCITY | WIND DIRECTION | Sky Condition at Time of Secchi Readings – CIRCLE ONE | Gleco Category (0 to 6; Refer to Visual Aid) |
| | | | | | | B C O Bright (shadows) Cloudy Bright Overcast | |

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|--|---|-----------------|------------|----------------------|------------------------------|---|
| DIRECTIONS: Use this form when obtaining Temp./D.O. profiles. Please fill out completely. Please indicate missing data by filling spaces with 9s. PLEASE HELP US AVOID DUPLICATE DATA IN THE DATASET BY ENTERING SECCHI DATA ON ONLY ONE FORM. | SCOPE TYPE CODES: 1 = None 2 = Flat glass, no mask 3 = Slant glass, no mask 4 = Slant glass & mask 5 = Flat glass & mask 6 = 6" diameter, slant glass & mask | SECCHI (meters) | SCOPE TYPE | DISK HIT BOT? Y/N | MONITOR'S QA CERTIFICATION # | READING # (1, 2 etc) |
| | | | | | | <i>On two dates each year, please take two readings and record as Reading #1 & 2.</i> |

| | | | | |
|--|------------------------------------|--|---|------------------|
| TEMPERATURE / DISSOLVED OXYGEN PROFILES | PLEASE CIRCLE D.O. METHOD: | Titration: Hach Kit Lamotte Kit Other Kit: _____ | Meter (enter model): YSI Meter _____ Hach Meter _____ Other Meter: _____ | METER ID#: _____ |
| CIRCLE DEPTH UNITS: METERS / FEET | CIRCLE TEMP. UNITS: CENT. / FAREN. | <input type="checkbox"/> Check to indicate D.O. meter was calibrated | | |

| DEPTH | WATER TEMP | OXYGEN (mg/l) | DEPTH | WATER TEMP | OXYGEN (mg/l) | DEPTH | WATER TEMP | OXYGEN (mg/l) |
|-------|------------|---------------|-------|------------|---------------|-------|------------|---------------|
| 0. | | | 11. | | | | | |
| 1. | | | 12. | | | | | |
| 2. | | | 13. | | | | | |
| 3. | | | 14. | | | | | |
| 4. | | | 15. | | | | | |
| 5. | | | | | | | | |
| 6. | | | | | | | | |
| 7. | | | | | | | | |
| 8. | | | | | | | | |
| 9. | | | | | | | | |
| 10. | | | | | | | | |

| Required QA/QC Dups (1 for every 10) | | |
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|--|--|---------|---|---|---------|---|---|---------|---|---|
| BOTTOM: _____ CORE DEPTH: _____ CHL. #: _____ TP #: _____ AIR TEMP: _____ C / F COMMENTS: SIGNATURE: _____ | DATA PROCESSING STAFF ONLY Please Date & Initial | | | | | | | | | |
| | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Checked</td> <td>-</td> <td>-</td> </tr> <tr> <td>Entered</td> <td>-</td> <td>-</td> </tr> <tr> <td>Proofed</td> <td>-</td> <td>-</td> </tr> </table> | Checked | - | - | Entered | - | - | Proofed | - | - |
| Checked | - | - | | | | | | | | |
| Entered | - | - | | | | | | | | |
| Proofed | - | - | | | | | | | | |

LAKE _____ DATE _____ STATION _____

MIDAS _____

M = Meters
F = Feet
C = Core
G = Grab

REP: Assign a unique number for each replicate taken. e.g. 1, 2, 3, 4...

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METHODS: pH: C = Colorimetric, E = Electronic, A = Air Equilibrated, S = Sonde
Color: A/T = Apparent (unfiltered) / True (filtered)
N = Nessler, H = Hach wheel, F = Field Kit, S = Spectrophotometer
Conductivity: F = Field meter, L = Lab meter, S = Sonde
Alkalinity: M = Methyl Orange, G = GRAN Plot, L = Lamotte,
B = Methyl red/bromocresol green, O = other

| DEPTH | M/F | C/G | pH | M | L | COLOR | A/T | M | L | CONDUCTIVITY | M | L | ALKALINITY | M | L | TP LABEL | TP (ppb) | Lab Code # | Rep # | CHL a (ppb) | Lab Code # | Rep # | | |
|-------|-----|-----|----|---|---|-------|-----|---|---|--------------|---|---|------------|---|---|----------|----------|------------|-------|-------------|------------|-------|--|--|
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ZOOPLANKTON: # of Tows _____ Depth of Tows _____ Net I.D. _____ Notes: _____

PHYTOPLANKTON: # of Cores _____ Depth of Cores _____ Notes: _____

SURFACE SEDIMENTS: # of Cores _____ Sed. Color _____ Sed. Odor _____ Worm Tubes? Y / N Notes: _____

LITTORAL EVALUATIONS COMPLETED: # Sites: _____ pHab: _____ Shoreline: _____ Macrophytes: _____ Macroinvertebrates: _____

PHOTOGRAPHS: Camera ID _____ # Taken _____ Descriptions: _____

NOTES: _____

Uncorrected Conductivity: _____ Temp: _____ °C Cond. Cell Constant: _____

Who determined pH, Color, Cond. & Alk? _____

Lake Stewards of Maine (207) 783-7733 Stewards@LakesStewardsME.org

Form DEP - 142c (Rev 2/18)