LIMNOLOGY form, R-8056 (reduced to fit on this page).

**MICHIGAN DEPARTMENT OF NATURAL RESOURCES**
Fisheries Division

LIMNOLOGY

Water _____  T. _____ R. _____ Sec. _____  Date _____

County _____  Id. _____  Station _____

| Depth M | Temp. °C | O₂ ppm | Depth M | Temp. °C | O₂ ppm | Time AM PM | Temp. Air °C | Sky | Wave condition ↓ | Preceding weather | Maximum depth of vegetation | Percent shoal (< 5M) | Water color ↕ | Secchi disc (0.1m) | Chlorophyll a |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

Pollution (✔) None _____ Light _____ Moderate _____ Severe _____

Type (✔) Erosion _____ Organic _____ Chemical _____ Other _____

Comments: _____

_____

Vegetation: Percent of littoral where: none (N), sparse (S), common (C), abundant (A), or excessive (E).

Submergent _____ Emergent _____

Floating _____ Chara _____

| Parameter | Surface | Mid-depth (_____ M) | Bottom (within 1M) |
|---|---|---|---|
| pH | | | |
| Alkalinity | pHth        MO | pHth        MO | pHth        MO |
| Conductivity | | | |
| Chlorides | | | |
| Suspended solids | | | |
| Total solids | | | |
| Total phosphorus | | | |
| Ortho-phosphorus | | | |
| Nitrate | | | |
| Nitrite | | | |
| Ammonia | | | |
| Organic nitrogen | | | |

Maximum depth at station: _____  Prepared by _____  Sec. _____

↓Calm, choppy, rough, white caps.   ↕Clear, light brown, brown, dark brown, turbid.

(over)

---

Optional observations:

1. Additional parameters analyzed by Inland Lake Management Unit:

| Parameter | Surface | Mid-depth (_____ M) | Bottom (within 1M) |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

2. Additional comments on condition of lake: _____

_____

_____

3. Sketch map of lake with distribution of aquatic plants in littoral zone, and location of sampling station.

Copies to: Lansing ☐, Region ☐, District ☐, I.F.R. ☐, Lake Mgt. ☐.