



On-Site Lake Evaluation Record

Lake Name: Cedar

County: VanBuren

State: MI

Evaluated by: Andy Tomaszewski

Date: 5/23/13

Evaluations Performed

Aquatic Vegetation Evaluation

- Aquatic vegetation survey
- Aquatic vegetation brief check

Vegetation evaluation methods

- Visual evaluation
- Sample collection with rake
- Sonar profiling
- GPS-mapped sample locations

- Water quality sampling
 - On-site (Temperature, DO, Secchi disk)
 - Water samples collected for _____ analysis

- GPS data collection
 - Depth survey
 - Shoreline mapping
 - Reference point location

- Other _____

Overall Condition of Lake

- excellent (no problems or developing problems noted)
- very good (no immediate action required)
- fair (management required soon)
- poor (management needed as soon as possible)
- very poor (management action past due—IMMEDIATE response required)

Problems Noted

Excessive growth of exotic plants (mark locations on map)

- Eurasian watermilfoil
- curlyleaf pondweed
- other _____

- Excessive growth of native plants (note plant species and mark locations on map)
- Excessive filamentous algae growth (mark location on map)
- Poor water clarity
- Blue-green algal blooms

RECOMMENDATIONS

- X Herbicide application (mark locations on map)
Need for herbicide treatments is: urgent, serious, moderate, x slight

- Algaecide application (mark locations on map)
Need for algae treatments is: urgent, serious, moderate, x slight

- Harvesting (mark locations on map)
Need for harvesting is: urgent, serious, moderate, slight

- Shoreline stabilization (mark locations on map)
Need for shoreline stabilization is: urgent, serious, moderate, slight

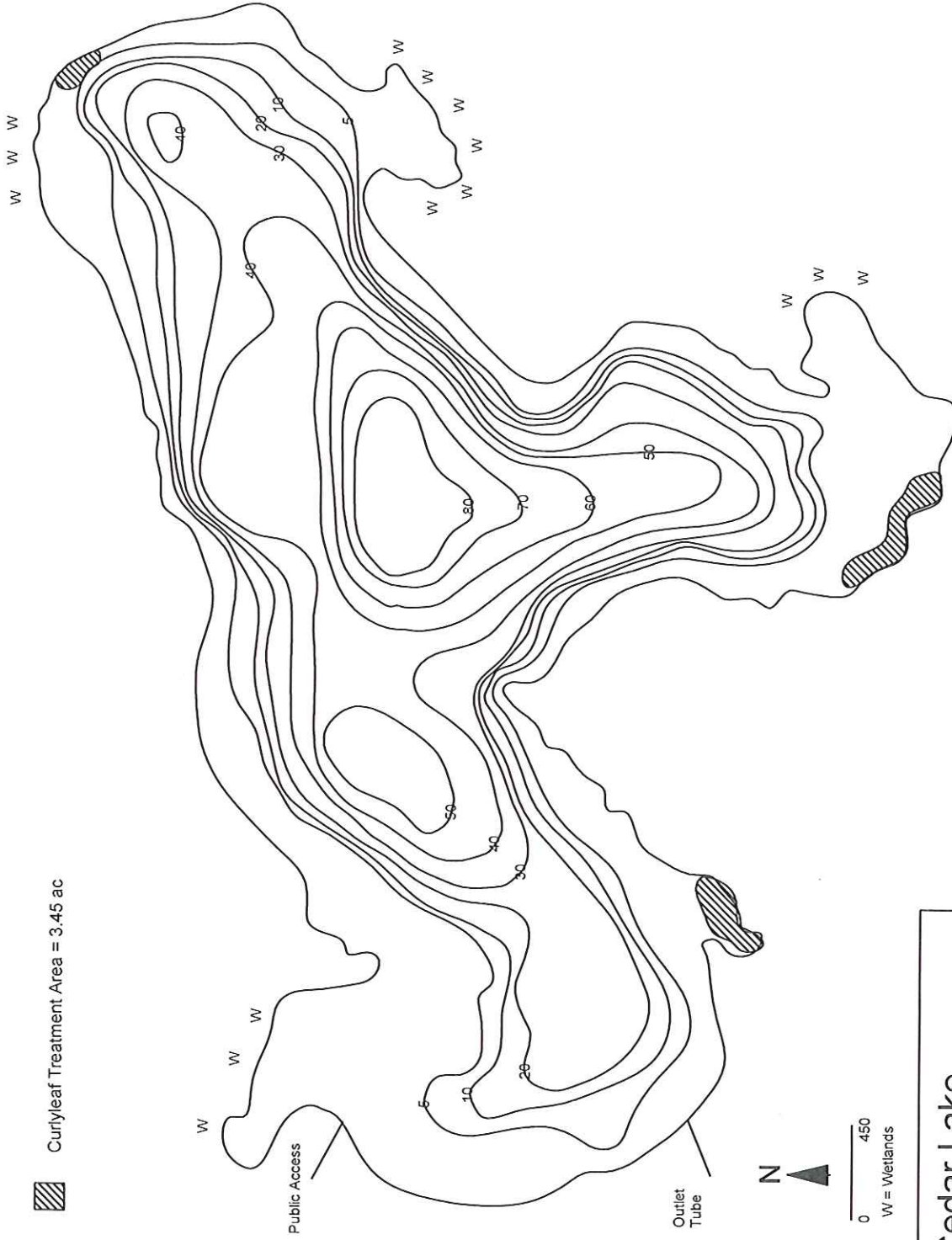
- Erosion control (mark locations on map)
Need for erosion control is: urgent, serious, moderate, slight

- Other _____

NOTES

The overall condition of Cedar Lake is very good. No milfoil was observed at the time of survey and native plants were not causing problems. Three small areas of Curlyleaf pondweed (exotic species) were found and it is recommended that they be spot treated. While not as aggressive as milfoil, Curlyleaf can become a significant nuisance in the long term if not addressed prior to seed production. Please see attached map for recommended treatment areas.

Curlyleaf Treatment Area = 3.45 ac



Cedar Lake
269 Surface Acres
VanBuren County Porter Township
T4S, R13W, Sect 27, 28, 33
<small>Professional Lake Management, P.O. Box 132, Caledonia, MI 49316 Phone (800) 382-4434</small>