

Lake Status

Overall Strategy: Routine Watershed Management

Water Quality Rating: A: Secchi – 10.8 ft;
TP (2007) – 27 µg/L

Impairment: Not Impaired

Water Quality Trend: Secchi & TP – N/A

Shoreland Classification: Natural Environment

Subwatershed Land Cover: 8% developed, 49% forests and woodlands, 0.5% grassland/shrubland/sparse vegetation, 14% lakes and open water wetlands, 23% platted or cultivated, 6% wetlands.



Resource Goals

Short Term Goals – Year 2015

- Maintain a water quality rating of at least B+.
- Maintain a five-year mean summer phosphorus concentration at or below 30 µg/L ± 4%.
- Maintain a mean summer secchi depth no less than 10 ft.
- Develop a working relationship with the Wilder Foundation for teaming on lake management and education.

Long Range Goals - Year 2020

- Maintain a water quality rating of at least B+.
- Maintain a five-year mean summer phosphorus concentration at or below 30 µg/L ± 4%.
- Maintain a mean summer secchi depth no less than 10 ft.
- Conduct watershed management in consideration of the area’s statewide importance to the Blanding’s turtle.

DNR Fisheries Lake Management Plan: None

BASIC FACTS

DNR ID	82003100
Section	15
Township	31
Range	20
Lake Area	86 acres
Subwatershed Area	1251 acres
Outlet Elevation	N/A
Low Water Level	910.36 ('07)
High Water Level	913.69 ('02)
Ordinary High Water	N/A
100-Yr. Flood Elev	N/A
Greatest Depth	15 ft.
Control Structures:	N/A

Fish Species:

Black Bullhead, Bluegill, Brown Bullhead, Green Sunfish, Hybrid Sunfish, White Sucker (1979)

Aquatic Nuisance Species:

None

CMSCWD References:

WCD Water Monitoring Report ('07 & '08)

DNR Lake Water Level Report

DNR Lake Information Report

Implementation

Operational Priorities

Routine Watershed Management

Education

Routine Watershed Education Program

Regulatory

Activities impacting Terrapin Lake will be regulated by the watershed district through its *Rules of the District*. Regulatory efforts will be coordinated with Marine on St. Croix, Washington County and the Minnesota DNR, where applicable.

Projects

Current:

- Routine Watershed Water Quality Monitoring
- Routine Watershed Best Management Practices (BMP) Program
- Permitting Program

Future/Potential:

- None at this time.

* See *2010 Watershed Management Plan* Section V, *Lake Management Plans* for additional information on District lake management activities.

Overall Assessment: Terrapin Lake

Terrapin Lake is a shallow lake with 100% littoral area having a maximum depth of 15 ft. Terrapin Lake is located almost entirely within the boundaries of the non-profit Warner Nature Center and Wilder Forest properties. The lake was added to the District as part of the 2007 District enlargement that included the former Marine Watershed Management Organization (MWMO) and the Orphan Area in Northeastern Scandia. Water quality monitoring efforts were started in 2004 by the MWMO. Unlike most watersheds in and around the metro, there is limited potential for development threatening the water quality of the lake due to its location within both the Warner Nature Center and Wilder Forest. The District anticipates cooperating with Warner Nature Center and Wilder Foundation in public education and outreach as well as management efforts involving Terrapin Lake.

According to the 2008 WCD Water Monitoring Report, the lake has a good water quality rating of 'A.' In addition, all monitored water quality parameters (TP, chlorophyll-a, TKN and Secchi) fell within the North Central Hardwood Forest Eco-Region Range.

This lake is undergoing routine watershed management.

