

**Lake Status**

**Overall Strategy:** Routine Watershed Management

**Water Quality Rating:** A: Secchi – 18.1 ft; TP – 12 µg/L

**Impairment:** Not Impaired

**Water Quality Trend:** Secchi & TP – N/A

**Shoreland Classification:** Natural Environment

**Subwatershed Land Cover:** 7% developed, 52% forests and woodlands, 32% lakes and open water wetlands, 6% planted or cultivated, 4% wetlands.



**Resource Goals**

**Short Term Goals – Year 2015**

- Maintain a water quality rating of at least A.
- Maintain a five-year mean summer phosphorus concentration at or below 20 µg/L ± 4%.
- Maintain a mean summer secchi depth no less than 15 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 A.
- Maintain a five-year mean summer phosphorus concentration at or below 20 µg/L ± 4%.
- Maintain a mean summer secchi depth no less than 15 ft.
- Conduct watershed management in consideration of the area’s statewide importance to the Blanding’s turtle.

**DNR Fisheries Lake Management Plan (1992)**

- Long Range Goal: Provide 50-100 angler hours/acre fishing pressure from children using Camp Wilder on a centrachid/northern pike population.
- Operational Plan:
  - Resurvey population in 2011.
  - Protect centrachid spawning area through environmental review process.
- Mid Range Objective: Examine possibilities of developing a fishing research study in cooperation with Camp Wilder.
- Potential Plan:
  - Conduct a creel census.
  - Conduct a limited entry fishing study.
  - Implement special regulations to restrict harvest of largemouth bass, bluegill or northern pike.

**BASIC FACTS**

<b>DNR ID</b>	82003300
<b>Section</b>	22
<b>Township</b>	31
<b>Range</b>	20
<b>Lake Area</b>	25 acres
<b>Subwatershed Area</b>	152 acres
<b>Outlet Elevation</b>	N/A
<b>Low Water Level</b>	908.77 ('07)
<b>High Water Level</b>	913.16 ('02)
<b>Ordinary High Water</b>	N/A
<b>100-Yr. Flood Elev</b>	N/A
<b>Greatest Depth</b>	25 ft.
<b>Control Structures:</b>	N/A

**Fish Species:**

Black Bullhead, Bluegill, Brown Bullhead, Green Sunfish, Hybrid Sunfish, Largemouth Bass, Northern Pike (1991)

**Aquatic Nuisance Species:**

None

**CMSCWD References:**

WCD Water Monitoring Report ('07)  
 DNR Lake Water Level Report  
 DNR Lake Information Report

## Implementation

### Operational Priorities

Routine Watershed Management

### Education

Routine Watershed Education Program

### Regulatory

Activities impacting Mays 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.

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## 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: Mays Lake

Mays Lake is located entirely within the non-profit Wilder Forest Property. The lake was added to the District as part of the 2007 District enlargement that included the former Marine WMO and the Orphan Area in Northeastern Scandia. The goals established for this plan are based on historic monitoring by others and local knowledge of the lake's pristine surroundings and high quality.

Data shown are from the 2008 WCD Water Monitoring Report. The District will coordinate with the Wilder Foundation and staff at the adjacent Warner Nature Center to initiate regular water quality monitoring efforts. Once several years worth of data have been collected, the District can reassess specific water quality goals for the lake.

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 the Wilder Forest. The District anticipates cooperating with Wilder Foundation in public education and outreach as well as management efforts involving Mays Lake. Mays Lake is undergoing routine watershed management.

