

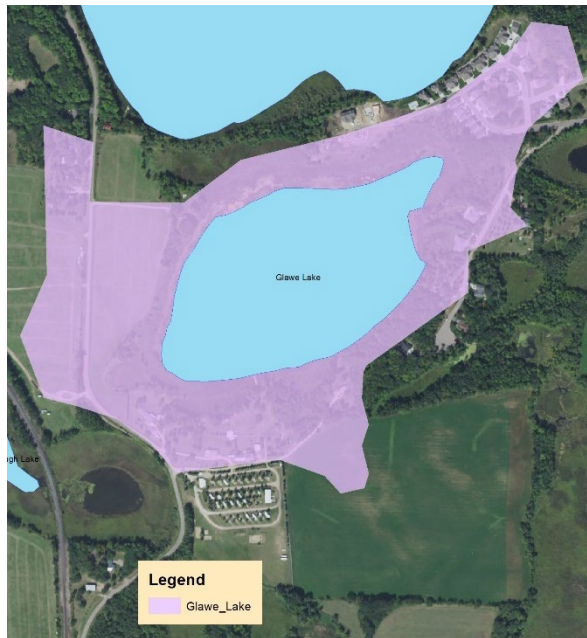
## Glawe Lake Watershed Summary

**Overall Strategy:**  
Maintain Water Quality

**Impairment:**  
None listed

**Shoreland Classification:**  
Natural Environment

**Catchment Area Land Cover:**  
31.8% open water, 9.5% wetlands, 1.2% cropland, 29.6% grassland, 15.7% forest, 12.2% developed land



Water Quality	10-Year Average (2008-2017)	Trend
Secchi	10.5 ft.	Stable
Total Phosphorus	22 µg/L	Stable
Ortho Phosphate	4.0 µg/L	Stable
Chlorophyll-a	4.5 µg/L	Stable

### Short Term Goals - Year 2025

- Maintain a 5-year mean summer phosphorus concentration at or below 23 µg/L
- Maintain mean summer Secchi depth no less than 9 ft

### Long Range Goals – Year 2035

- Achieve a 5-year mean summer phosphorus concentration at or below 23 µg/L
- Maintain mean summer Secchi depth no less than 9 ft

### Basic Facts

<b>DNR ID /Becker No</b>	MN03-0364-00 / 364
<b>Township(s)</b>	Lake View (Sec 15)
<b>Classification</b>	Natural Environment
<b>Lake Area</b>	40.9 acres
<b>Littoral Area</b>	N/A
<b>Sub-watershed Area</b>	102.5 acres
<b>Shoreline Length</b>	1.1 miles
<b>Inlet(s)</b>	None
<b>Outlet(s)</b>	Wetland to Curfman
<b>Control Structures</b>	None
<b>Highest Recorded*</b>	N/A
<b>Lowest Recorded*</b>	N/A
<b>Ordinary High*</b>	N/A
<b>Water Level*</b>	N/A
<b>Recorded Range</b>	N/A
<b>Maximum Depth</b>	20 feet
<b>Main Fish Species</b>	Unknown
<b>Secondary Fish Species</b>	Unknown
<b>MN DNR/ Private Fish Stocking</b>	None
<b>Aquatic Invasive Species</b>	None known
<b>Public Access Sites</b>	None
<b>Marinas</b>	None
<b>Public Beach</b>	None
<b>References</b>	DNR Lake Finder, Becker County

\*Datum: NGVD 1929 (ft.) \*\* Elevations NAVD 88

## **Overall Assessment**

Glawe is a small natural environment lake totalling about 40 acres and reaching a depth of 20 feet. It is separated from Curfamn Lake by a 250 foot wide land bridge along its northern shoreline. Water quality on Lake Glawe has remained stable and is classified as mesotrophic. There is significant macrophyte growth along shorelines.

Development on and near that lake has increased in recent years with the construction of a new Golden Bay Shores Planned Unit Development along the NE shoreline. Stormwater from the development is treated via stormwater ponds on the north side of the lake prior to discharge to Glawe. A new single family residential development has begun home construction on the east side of the lake. Vegetation associated with development and residential home construction has been observed. Vegetation preservation should be encouraged to minimize increases in stormwater runoff to the small, sensitive lake.

In addition to the residential development, there is a commercial campground located along the southern shoreline. The majority of the campground site is outside of the drainage area, but does allow lake access for clients for non-motorized lake use (i.e. paddle boats). Currently there is no watercraft access and there is not motorized boat use.

Land cover in the Glawe Lake drainage area is predominantly grassland, 43%, and forested land, 22%. Other land uses included developed land (18%) and wetlands (13%). Only 1% of the land area is cropland.

## **Past Studies**