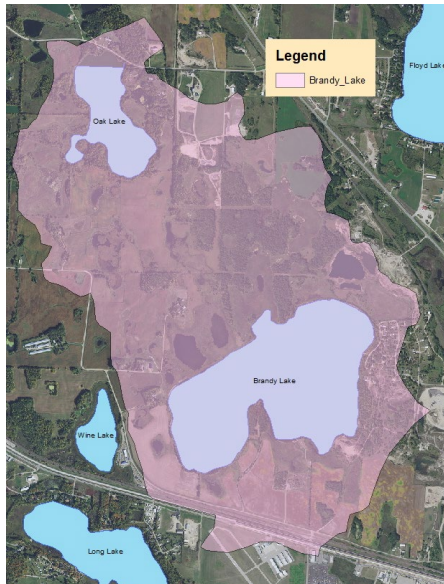


**Overall Strategy:**  
Improve Water Quality

**Impairment:**  
Not listed as Impaired, Watch List

**Subwatershed Lake Cover/Use:**  
24.0% Open Water  
5.1% Developed  
6.0% Wetlands  
14.8% Cultivated Crops  
30.2% Forest  
20% Grassland



Water Quality	20-Year Average (1998-2017)	Trend
Secchi (clarity)	5 ft.	Increasing
Total Phosphorus	42 µg/L	Decreasing
Ortho Phosphate	Insufficient Data	N/A
Chlorophyll-a	8.2 µg/L	Decreasing
Water Quality	10-Year Average (2008-2017)	Trend
Secchi (clarity)	7.5 ft.	Increasing
Total Phosphorus	23 µg/L	Decreasing
Ortho Phosphate	Insufficient Data	N/A
Chlorophyll-a	4.8 µg/L	Decreasing

**Short Term Goals - Year 2025**

- Maintain a 5-year mean summer phosphorus concentration at or below 40 µg/L ± 4%
- Maintain mean summer Secchi depth no less than 5 ft

**Long Range Goals – Year 2035**

- Maintain a 5-year mean summer phosphorus concentration at or below 40 µg/L ± 4%
- Maintain mean summer Secchi depth no less than 5 ft

**Basic Facts**

<b>DNR ID/ Becker No</b>	MN03-0400-00 / 579
<b>Township(s)</b>	Detroit (Sec 20-21)
<b>Lake Classification</b>	Natural Environment
<b>Lake Area</b>	336 acres
<b>Littoral Area</b>	336 acres (100%)
<b>Sub-watershed Area</b>	1986 acres
<b>Shoreline Length</b>	3.75 miles
<b>Inlet(s)</b>	None
<b>Outlet(s)</b>	Wetland Stream
<b>Control Structures</b>	None
<b>Highest Recorded*</b>	Not Recorded
<b>Lowest Recorded*</b>	Not Recorded
<b>Ordinary High Water Level*</b>	Not Recorded
<b>Recorded Range*</b>	Not Recorded
<b>Maximum Depth</b>	Not Recorded
<b>Main Fish Species</b>	N/A
<b>Secondary Fish Species</b>	N/A
<b>MN DNR/ Private Fish Stocking</b>	N/A
<b>Aquatic Invasive Species (2015)</b>	None listed
<b>Public Access Sites</b>	None
<b>Marinas</b>	None
<b>Public Beach</b>	None
<b>References</b>	DNR Lake Finder, Becker County

\*Elevations NGVD 29

\*\* Elevations NAVD 88

**Overall Assessment**

Brandy Lake is a shallow 336-acre lake located just northwest of the City of Detroit Lakes. The lake is listed as a priority shallow lake with the MN DNR. The lake consists of 100% littoral and with extensive macrophyte growth throughout the lake. Water quality has been increasing over the past 20 years and has a summer mean water clarity of 7.5 feet with 23ppb (2008-2017). The prior ten years (1998-2007) exhibited lower water quality with 5-foot water clarity and 44ppb phosphorus concentration. This increase in water quality is primarily attributed to the..... Currently, the lake is classified as borderline eutrophic and is prone to algal blooms during warmer summer months.

There are only two residential home that currently access the lake, however one area on the southeast portion has been platted but not yet developed. A second-tier residential development is located on the east portion of the lake, which does not have individual lake access, but does contain a commons area for lake use. This commons area is in a natural condition, except for on unpaved boat access location.

Land cover in the drainage area consists of 40% (600 acres) forested land 26% (395 acres) of grassland. Cropland makes of 20% (295 acres) of the land area with only 8% (119 acres) of wetland and 7% (101 acres) of developed land.

The Becker County transfer station and demolition landfill is located in the northern portion of the drainage area.

**Implementation**

**Planned/Potential Projects:**

**Capital Improvement Projects:**

**Projects & Programs**

**Ongoing Programs:**

**Past Studies**