

# Fish Trap 49-0137-00

**MN Lake ID:** 49-0137-00  
**County:** Morrison  
**Ecoregion:** Northern Lakes and Forests  
**Major Drainage Basin:** Upper Mississippi River  
**Latitude/Longitude:** 46.2119338993699 / -94.6172216790438  
**Water Body Type:** Public Waters  
**Monitored Sites (Primary):** 204 (Primary)  
**Monitored Sites (Secondary):**

[View MPCA CLMP Historical Secchi Data](#)  
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## Physical Characteristics

**Surface area (acres):** 1175  
**Littoral area (acres):** 404  
**% Littoral area:** 34%  
**Max depth (ft):** 42 (m) 12.8  
**Mean depth (ft):** N/A  
**Watershed size (acres):** N/A

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## Water Quality Characteristics

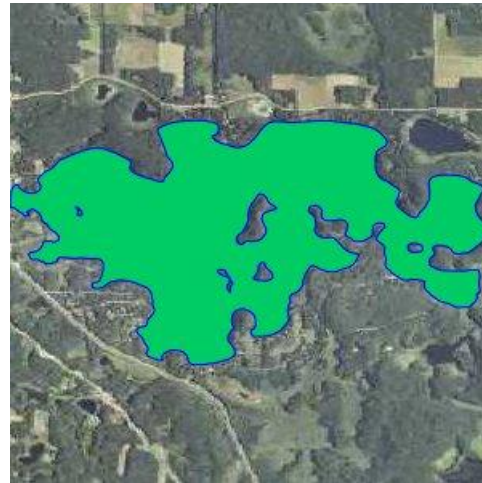
**Years monitored:** 2007 - 2016 (RMB database only)

*\*RMB note: Before 2011, the reporting limit for total phosphorus was 5 ug/L. Starting in 2011, the reporting limit is 3 ug/L.*

Parameters	Primary Site 204 (Primary)
<b>Total Phosphorus Mean (ug/L):</b>	22.6
<b>Total Phosphorus Min (ug/L):</b>	10.0
<b>Total Phosphorus Max (ug/L):</b>	47.0
<b>Number of Observations:</b>	53
<b>Chlorophyll-a Mean (ug/L):</b>	7.8
<b>Chlorophyll-a Min (ug/L):</b>	1.0
<b>Chlorophyll-a Max (ug/L):</b>	24.0
<b>Number of Observations:</b>	52
<b>Secchi Depth Mean (ft):</b>	11.1
<b>Secchi Depth Min (ft):</b>	4.0
<b>Secchi Depth Max (ft):</b>	28.0
<b>Number of Observations:</b>	53

**Trophic State Index Mean (Primary Site):** 46.5

**Trophic State:** Mesotrophic



## Long-term Trends

Primary site only. Recommend minimum of 8-10 years of data with 4+ readings per season. Minimum confidence accepted by MPCA is 90%

**Total Phosphorus:** Decreasing, indicates improving water quality (95% confidence).  
**Chlorophyll-a:** No significant trend exists.  
**Secchi Depth:** No significant trend exists.  
**Trophic State Index:** No significant trend exists.

## EcoRegion Comparisons

(Primary site only. Comparisons are based on interquartile range, 25th - 75th percentile, for ecoregion reference lakes)

**Total Phosphorus:** Within Expected Range  
**Chlorophyll-a:** Within Expected Range  
**Secchi Depth:** Within Expected Range