Lake Name: Indian
DOW Number: 53-0007-00

**TARGETED SURVEY**
Electrofishing

**Lake Identification**

- Alternate Lake Name: N/A
- Primary Lake Class ID: 43
- DNR Sounding Map Number: C2911
- Alternate Lake Class ID: N/A

**Lake Location**

- Primary County: Nobles
- Nearest Town: Round Lake

**Legal Descriptions**

- Lake Center: Township - 101N
- Range - 39W
- Section - 34
- PLS Section Lake Center: 10103934
- All Legal Descriptions:
  - Nobles County: Township - 101N, Range - 39W, Sections - 27, 34

**Area Office**

- Area Name: Windom
- Region Name: Southern
- ORG Code: F418
- Region Number: 4

**Lake Access**

(Information based on Re-Survey dated 06/03/1996)

<table>
<thead>
<tr>
<th>Station ID</th>
<th>Ownership</th>
<th>Public Use</th>
<th>Type</th>
<th>Location / Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC - 1</td>
<td>DNR</td>
<td>Open to Public use</td>
<td>Concrete</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STATE ACCESS IN CO PARK IN SEC. 34; STATE ACCESS IN SEC. 27 - W/O BOAT RAMP.</td>
</tr>
</tbody>
</table>

(Data excludes records where public use is not designated or is designated "No Public Use")

**Lake Characteristics**

- Lake Area (planimetered acres): 204.00
- GIS Lake Area (acres): 197.22
- DOW Lake Area (acres): 204.00
- Littoral Area (acres): 197.21
- Area in MN (acres): 197.22
- Maximum Depth (feet): 6.0
- Mean Depth (feet): N/A
- GIS Shoreline Length (miles): 3.02
- Maximum Fetch (miles): 0.80
- Fetch Orientation (degrees): 22
- USGS Quad Map Number: X07d
- USGS Quad 24K GIS Index: 4714
Watershed Characteristics

Major Watershed

Name: Little Sioux River  
Watershed Number: 84  
Watershed size (acres): 205,753

Minor Watershed

Name: Jud Ditch #24  
Watershed Number: 7  
Watershed size (acres): 23,080

Surveys and Investigations

Re-Survey: 06/03/1996.
Special Assessment: 05/25/1993.
Winter Kill Assessment: 05/01/2014.
Targeted Survey: 02/04/2020, 03/15/2019, 01/19/2018.

Water Level History - Readings

<table>
<thead>
<tr>
<th>Station ID</th>
<th>Date</th>
<th>Level</th>
<th>Reading (feet)</th>
<th>Reading Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM - 1</td>
<td>05/26/2022</td>
<td>Normal</td>
<td>-3.70</td>
<td>Above or below Benchmark</td>
</tr>
<tr>
<td></td>
<td>05/21/2018</td>
<td>High</td>
<td>-3.80</td>
<td>Above or below Benchmark</td>
</tr>
<tr>
<td></td>
<td>06/04/2014</td>
<td>Low</td>
<td>-4.25</td>
<td>Above or below Benchmark</td>
</tr>
</tbody>
</table>

Water Level History - Station Summary

<table>
<thead>
<tr>
<th>Station ID</th>
<th>Minimum Level</th>
<th>Maximum Level</th>
<th>Range</th>
<th>Average Level</th>
<th>Reading Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Feet</td>
<td>Feet</td>
<td>(feet)</td>
<td>(feet)</td>
<td>(number of readings)</td>
</tr>
<tr>
<td>BM - 1</td>
<td>-4.25</td>
<td>-3.70</td>
<td>0.55</td>
<td>-3.92</td>
<td>Above or below Benchmark (3)</td>
</tr>
</tbody>
</table>

Natural Reproduction Catch Summary for SEF

Special sampling, electrofishing

Number of Stations: 1
Total run-time for all stations: 01:22:00
Total on-time for all stations: 00:16:43
First Sampling Date: 05/16/2023
Last Sampling Date: 05/16/2023
Daylight Sampling: No
Target Species: N/A

<table>
<thead>
<tr>
<th>Abbr</th>
<th>Species</th>
<th>Age</th>
<th>Total Number</th>
<th>Number Measured</th>
<th>Mean Length</th>
<th>Length Range</th>
<th>Catch Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(inches)</td>
<td>inches</td>
<td>(number per hour)</td>
</tr>
<tr>
<td></td>
<td>All</td>
<td>70</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>51.22</td>
</tr>
<tr>
<td>FHM</td>
<td>Fathead Minnow</td>
<td>All</td>
<td>70</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>251.25</td>
</tr>
</tbody>
</table>
Approval Dates And Notices

Date Approved By Windom Area Fisheries Supervisor: ______________

Date Approved By Southern Region Fisheries Manager: ______________

This DRAFT VERSION of the Lake Survey Report contains preliminary data (as of 06/01/2023), and is therefore subject to change at any time.

Minnesota Department of Natural Resources

By accepting the data in this report, the user agrees the data will be used for personal benefit and not for profit. Any other uses or publication of the data needs the consent of the Department. The Minnesota Department of Natural Resources assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on the data.
Lake Name: Indian
DOW Number: 53-0007-00
Survey Type: Targeted Survey
Survey ID Date: 05/16/2023

Electrofishing

Survey Status: Proposed

The following 27 (of 34) report components are not included in this Lake Survey Report:

1. Current Water Level
2. Benchmark And Gauge Descriptions / Locations
3. Water Level History¹
4. Lake Inlets
5. Additional Inlet Information
6. Lake Outlets
7. Additional Outlet Information
8. Water Control Structure (Dam)
9. Surrounding Watershed Characteristics, Shoreline Characteristics, and Riparian Landscape Observations²
10. Resorts And Campgrounds
11. Fish Spawning Conditions
12. Erosion And Pollution
13. Fish Diseases And Parasites
14. Aquatic Vegetation And Shoalwater Substrates
15. Dissolved Oxygen And Temperature Profile Of Lake Water
16. Field Measurements Of Water Quality
17. Water Quality (Winter Observations) (added to revision 01/21/2010)
18. Laboratory Analysis Of Water Chemistry
19. Zooplankton Sampling (added to revision 20221130)
20. Catch Summary (Pre-1993 Format) (added to revision 20201001)
21. Length Frequency Distributions
22. Length At Capture With Last Incremental Length*
23. Back-Calculated Lengths
24. Age Class Frequency Distributions
25. Other Species (added to revision 03/24/2009)
26. Status Of Fishery And Field Notes
27. Survey Attachments (added to revision 20150622)

¹ Water Level History report: This data has not yet been migrated into the Fisheries LSM database. On 01/08/2009, two additional Water Level History report components (Readings and Station Summary) were added.

² Effective 03/25/2014, the Surrounding Watershed Characteristics, Shoreline Characteristics, and Riparian Landscape Observations report component was modified to be included in the Lake Survey report if it did not include any Watershed and Shoreline characteristics and only consisted of Riparian Landscape Observations.

* Length At Capture With Last Incremental Length report: The following criteria must be met for a report to be generated:
  1. The fish species must have an assigned body scale constant.
  2. Fish must have an "official" age assigned.
  3. Fish must have a digitized measurement marked for back calculation use.

Note: The data source for Length and Age Class Frequency Distribution tables is updated twice daily - once at noon and once overnight. Any changes to the data made after noon on 06/01/2023 may not be reflected in the Distribution tables until 06/02/2023.

FOR OFFICE USE ONLY: As of revision 20150622, this page is automatically suppressed on signed versions of this report (area supervisor, region manager, research biologist, research supervisor, program staff, or program manager signed).

Lake Survey Report revision: 20230207-RJE. Data Date: 06/01/2023 at 1:39 pm.