

Lake Name: Shetek  
DOW Number: 51-0046-00

Survey Type: Standard Survey  
Survey ID Date: 08/03/2020

**Lake Identification**

Alternate Lake Name: N/A  
Primary Lake Class ID: 41

DNR Sounding Map Number: B0292  
Alternate Lake Class ID: N/A

**Lake Location**

Primary County: Murray

Nearest Town: Currie

**Legal Descriptions**

Lake Center: Township - 108N Range - 40W Section - 30  
PLS Section Lake Center: 10804030

**All Legal Descriptions:**

Murray County: Township - 107N Range - 40W Sections - 6, 7  
Township - 107N Range - 41W Sections - 1, 2, 11, 12  
Township - 108N Range - 40W Sections - 18, 19, 20, 29, 30, 31, 32  
Township - 108N Range - 41W Sections - 11, 13, 14, 24, 35, 36

**Area Office**

Area Name: Windom  
Region Name: Southern

ORG Code: F418  
Region Number: 4

**Lake Access**

(Information based on Special Assessment dated 10/10/1995)

| Station ID | Ownership | Public Use         | Type     | Location / Comments                                     |
|------------|-----------|--------------------|----------|---|
| AC - 1     | DNR       | Open to Public use | Carry-In | CARRY IN ACCESS ON INLET (NORTHWEST SIDE OF LAKE).      |
| AC - 2     | DNR       | Fee/Permit needed  | Concrete | DNR OWNED ACCESS AT THE STATE PARK (EAST SIDE OF LAKE). |
| AC - 4     | DNR       | Open to Public use | Concrete | DNR OWNED ACCESS ON SOUTHWEST SIDE OF LAKE.             |

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

**Lake Characteristics**

|  |                                     |
|--|-------------------------------------|
| Lake Area (planimetered acres): 3,596.00 | GIS Shoreline Length (miles): 36.04 |
| GIS Lake Area (acres): 3,462.23          | Maximum Fetch (miles): 2.60         |
| DOW Lake Area (acres): 3,596.00          | Fetch Orientation (degrees): 45     |
| Littoral Area (acres): 3,462.22          | USGS Quad Map Number: V07b          |
| Area in MN (acres): 3,462.23             | USGS Quad 24K GIS Index: 4213       |
| Maximum Depth (feet): 10.0               |                                     |
| Mean Depth (feet): 5.0                   |                                     |

**Watershed Characteristics**

**Major Watershed**

Name: Des Moines-Headwaters  
 Watershed Number: 51  
 Watershed size (acres): 798,595

**Minor Watershed**

Name: L Shetek  
 Watershed Number: 78  
 Watershed size (acres): 21,416

**Surveys and Investigations**

**Re-Survey:** 08/07/2006, 08/10/1992, 07/26/1983.  
**Population Assessment:** 08/04/2014, 08/06/2012, 08/09/2010, 07/20/2009, 08/11/2008, 07/23/2007, 08/05/2002, 08/03/1998, 08/05/1996, 08/08/1988.  
**Special Assessment:** 09/26/2000, 10/13/1998, 10/10/1995, 10/25/1994, 10/18/1993, 07/23/1956.  
**Creel Survey:** 05/09/1998.  
**Winter Kill Assessment:** 04/13/2010.  
**Dissolved Oxygen Check:** 02/16/2016, 02/18/2015, 12/31/2013, 01/02/2013, 01/11/2012, 12/28/2010, 01/04/2010.  
**External Management Survey:** 06/29/2007.  
**Standard Survey:** 08/03/2020, 08/06/2018, 08/08/2016.  
**Targeted Survey:** 09/19/2019, 01/18/2018, 09/27/2017, 02/08/2017.

**Water Level History - Readings**

| Station ID | Date       | Level  | Reading (feet) | Reading Type             |
|------------|------------|--------|----------------|--------------------------|
| BM - 1     | 08/07/2018 | High   | 0.50           | Above or below Benchmark |
|            | 08/08/2016 | High   | 0.10           | Above or below Benchmark |
|            | 08/05/2014 | Normal | 0.15           | Above or below Benchmark |
|            | 07/23/2009 | Low    | 0.00           | Above or below Benchmark |
|            | 08/15/2008 | Low    | -0.10          | Above or below Benchmark |
| GA - 1     | 08/07/2018 | High   | 5.15           | Direct Gauge Reading     |
|            | 08/05/2014 | Normal | 4.60           | Direct Gauge Reading     |

**Water Level History - Station Summary**

| Station ID | Minimum Level |            | Maximum Level |            | Range (feet) | Average Level (feet) | Reading Type (and number of readings) |
|------------|---------------|------------|---------------|------------|--------------|----------------------|---------------------------------------|
|            | Feet          | Date       | Feet          | Date       |              |                      |                                       |
| BM - 1     | -0.10         | 08/15/2008 | 0.50          | 08/07/2018 | 0.60         | 0.13                 | Above or below Benchmark (5)          |
| GA - 1     | 4.60          | 08/05/2014 | 5.15          | 08/07/2018 | 0.55         | 4.88                 | Direct Gauge Reading (2)              |

**Dissolved Oxygen and Temperature Profile of Lake Water**

| Station ID | Sampling Date | Bottom Depth (Feet) | Sample Depth (Feet) | Water Temperature (°F) | Dissolved Oxygen (ppm) |
|------------|---------------|---------------------|---------------------|------------------------|------------------------|
| WQ - 1     | 08/03/2020    | 10.9                | Surface             | 75.6                   | 7.4                    |
|            |               |                     | 1.0                 | 75.7                   | 7.3                    |
|            |               |                     | 2.0                 | 75.6                   | 7.1                    |
|            |               |                     | 3.0                 | 75.6                   | 7.1                    |
|            |               |                     | 4.0                 | 75.4                   | 6.7                    |
|            |               |                     | 5.0                 | 75.4                   | 6.4                    |
|            |               |                     | 6.0                 | 75.4                   | 6.3                    |
|            |               |                     | 7.0                 | 75.4                   | 6.3                    |
|            |               |                     | 8.0                 | 75.2                   | 6.3                    |
|            |               |                     | 9.0                 | 75.2                   | 6.1                    |
|            |               |                     | 10.0                | 75.2                   | 5.7                    |

**Field Measurements of Water Quality**

| <u>Station ID</u> | <u>Sampling Date</u> | <u>Sample Depth (Feet)</u> | <u>Secchi Depth (Feet)</u> | <u>Field pH</u> | <u>Alkalinity (ppm)</u> | <u>Water Color</u> | <u>Color Cause</u> |
|-------------------|----------------------|----------------------------|----------------------------|-----------------|-------------------------|--------------------|--------------------|
| WQ - 1            | 08/03/2020           | Surface                    | N/A                        | 8.48            | 220                     | Green              | Algae              |

**Net Catch Summary by Numbers for GN**

Standard gill net sets

Number of Sets: 6  
First Set Date: 08/03/2020  
Last Lift Date: 08/06/2020  
Target Species: N/A

| Abbr            | Species          | Total Fish | Number Per Set | Quartiles for Lake Class 41*   |       |       |
|-----------------|------------------|------------|----------------|--------------------------------|-------|-------|
|                 |                  |            |                | 25%                            | 50%   | 75%   |
| BIB             | Bigmouth Buffalo | 18         | 3.00           | 0.33                           | 1.00  | 6.11  |
| BLB             | Black Bullhead   | 39         | 6.50           | 4.56                           | 23.42 | 83.00 |
| BLC             | Black Crappie    | 28         | 4.67           | 0.83                           | 2.63  | 11.10 |
| CCF             | Channel Catfish  | 85         | 14.17          | N/A                            | N/A   | N/A   |
| CAP             | Common Carp      | 10         | 1.67           | 0.52                           | 1.80  | 9.13  |
| NOP             | Northern Pike    | 1          | 0.17           | 1.20                           | 3.50  | 7.79  |
| WAE             | Walleye          | 89         | 14.83          | 3.22                           | 7.67  | 15.33 |
| YEP             | Yellow Perch     | 16         | 2.67           | 3.00                           | 8.94  | 22.50 |
| Total Fish/Set: |                  |            | 47.67          | * Quartiles for Number Per Set |       |       |

**Net Catch Summary by Weight for GN**

Standard gill net sets

| Abbr                   | Species          | Total Weight (Pounds) | Pounds Per Set | Mean Weight                 | Quartiles for Lake Class 41* |      |      |
|------------------------|------------------|-----------------------|----------------|-----------------------------|------------------------------|------|------|
|                        |                  |                       |                |                             | 25%                          | 50%  | 75%  |
| BIB                    | Bigmouth Buffalo | 66.11                 | 11.02          | 3.67                        | N/A                          | N/A  | N/A  |
| BLB                    | Black Bullhead   | 24.10                 | 4.02           | 0.62                        | 0.21                         | 0.38 | 0.60 |
| BLC                    | Black Crappie    | 17.14                 | 2.86           | 0.61                        | 0.17                         | 0.25 | 0.37 |
| CCF                    | Channel Catfish  | 154.85                | 25.81          | 1.82                        | N/A                          | N/A  | N/A  |
| CAP                    | Common Carp      | 36.00                 | 6.00           | 3.60                        | 1.00                         | 2.39 | 4.88 |
| NOP                    | Northern Pike    | 1.19                  | 0.20           | 1.19                        | 1.53                         | 2.12 | 2.95 |
| WAE                    | Walleye          | 89.94                 | 14.99          | 1.01                        | 0.88                         | 1.37 | 1.90 |
| YEP                    | Yellow Perch     | 4.06                  | 0.68           | 0.25                        | 0.14                         | 0.24 | 0.36 |
| Total Pounds Fish/Set: |                  |                       | 65.56          | * Quartiles for Mean Weight |                              |      |      |

**Net Catch Summary by Numbers for TN**

Standard 3/4-in mesh, double frame trap net sets

Number of Sets: 15  
 First Set Date: 08/03/2020  
 Last Lift Date: 08/06/2020  
 Target Species: N/A

| Abbr            | Species          | Total Fish | Number Per Set | Quartiles for Lake Class 41*   |       |       |
|-----------------|------------------|------------|----------------|--------------------------------|-------|-------|
|                 |                  |            |                | 25%                            | 50%   | 75%   |
| BIB             | Bigmouth Buffalo | 7          | 0.47           | 0.22                           | 0.48  | 1.45  |
| BLB             | Black Bullhead   | 4          | 0.27           | 1.33                           | 14.73 | 78.13 |
| BLC             | Black Crappie    | 43         | 2.87           | 0.98                           | 2.96  | 12.33 |
| BLG             | Bluegill         | 12         | 0.80           | 1.05                           | 3.00  | 14.93 |
| CCF             | Channel Catfish  | 1          | 0.07           | N/A                            | N/A   | N/A   |
| CAP             | Common Carp      | 33         | 2.20           | 0.70                           | 1.80  | 5.11  |
| NOP             | Northern Pike    | 7          | 0.47           | N/A                            | N/A   | N/A   |
| QBS             | Quillback        | 8          | 0.53           | N/A                            | N/A   | N/A   |
| WAE             | Walleye          | 10         | 0.67           | 0.31                           | 0.73  | 1.69  |
| WTS             | White Sucker     | 5          | 0.33           | 0.25                           | 0.50  | 1.29  |
| YEP             | Yellow Perch     | 8          | 0.53           | 0.25                           | 0.81  | 2.62  |
| Total Fish/Set: |                  |            | 9.20           | * Quartiles for Number Per Set |       |       |

**Net Catch Summary by Weight for TN**

Standard 3/4-in mesh, double frame trap net sets

| Abbr                   | Species          | Total Weight (Pounds) | Pounds Per Set | Mean Weight                 | Quartiles for Lake Class 41* |      |      |
|------------------------|------------------|-----------------------|----------------|-----------------------------|------------------------------|------|------|
|                        |                  |                       |                |                             | 25%                          | 50%  | 75%  |
| BIB                    | Bigmouth Buffalo | 28.95                 | 1.93           | 4.14                        | 1.25                         | 3.18 | 5.07 |
| BLB                    | Black Bullhead   | 2.70                  | 0.18           | 0.67                        | 0.21                         | 0.36 | 0.59 |
| BLC                    | Black Crappie    | 17.41                 | 1.16           | 0.40                        | 0.23                         | 0.34 | 0.49 |
| BLG                    | Bluegill         | 3.39                  | 0.23           | 0.28                        | 0.16                         | 0.25 | 0.38 |
| CCF                    | Channel Catfish  | 3.15                  | 0.21           | 3.15                        | N/A                          | N/A  | N/A  |
| CAP                    | Common Carp      | 248.68                | 16.58          | 7.54                        | 2.33                         | 4.10 | 5.64 |
| NOP                    | Northern Pike    | 12.19                 | 0.81           | 1.74                        | N/A                          | N/A  | N/A  |
| QBS                    | Quillback        | 19.58                 | 1.31           | 2.45                        | N/A                          | N/A  | N/A  |
| WAE                    | Walleye          | 11.33                 | 0.76           | 1.13                        | 0.85                         | 1.63 | 2.41 |
| WTS                    | White Sucker     | 6.86                  | 0.46           | 1.37                        | 1.35                         | 1.97 | 2.62 |
| YEP                    | Yellow Perch     | 1.08                  | 0.07           | 0.14                        | 0.13                         | 0.20 | 0.31 |
| Total Pounds Fish/Set: |                  |                       | 23.69          | * Quartiles for Mean Weight |                              |      |      |

**Length Frequency Distribution for GN**

**Standard gill net sets**

(Field work conducted between 08/03/2020 and 08/06/2020)

|               | <u>BIB</u> | <u>BLB</u> | <u>BLC</u> | <u>YBLC</u> | <u>CAP</u> | <u>CCF</u> | <u>NOP</u> | <u>WAE</u> | <u>YEP</u> |
|---------------|------------|------------|------------|-------------|------------|------------|------------|------------|------------|
| < 3.00        | -          | -          | -          | 1           | -          | -          | -          | -          | -          |
| 3.00 - 3.49   | -          | -          | -          | -           | -          | -          | -          | -          | -          |
| 3.50 - 3.99   | -          | -          | -          | -           | -          | -          | -          | -          | -          |
| 4.00 - 4.49   | -          | -          | -          | -           | -          | -          | -          | -          | -          |
| 4.50 - 4.99   | -          | -          | -          | -           | 4          | -          | -          | -          | -          |
| 5.00 - 5.49   | -          | -          | 1          | -           | -          | -          | -          | -          | -          |
| 5.50 - 5.99   | -          | -          | 4          | -           | 1          | -          | -          | -          | 6          |
| 6.00 - 6.49   | -          | 1          | -          | -           | -          | -          | -          | -          | 1          |
| 6.50 - 6.99   | -          | -          | -          | -           | -          | -          | -          | -          | -          |
| 7.00 - 7.49   | -          | 2          | -          | -           | -          | -          | -          | -          | -          |
| 7.50 - 7.99   | -          | 3          | 1          | -           | -          | -          | -          | -          | 1          |
| 8.00 - 8.49   | -          | -          | -          | -           | -          | -          | -          | -          | 1          |
| 8.50 - 8.99   | -          | 2          | 1          | -           | -          | -          | -          | 1          | 2          |
| 9.00 - 9.49   | -          | 1          | -          | -           | -          | 3          | -          | 3          | 2          |
| 9.50 - 9.99   | -          | 2          | 1          | -           | -          | 2          | -          | 6          | 1          |
| 10.00 - 10.49 | -          | 6          | 4          | -           | -          | 3          | -          | 6          | 2          |
| 10.50 - 10.99 | -          | 9          | 10         | -           | -          | -          | -          | 2          | -          |
| 11.00 - 11.49 | -          | 8          | 4          | -           | -          | 1          | -          | 1          | -          |
| 11.50 - 11.99 | -          | 2          | 1          | -           | -          | -          | -          | 2          | -          |
| 12.00 - 12.99 | 3          | 2          | -          | -           | 1          | 2          | -          | 1          | -          |
| 13.00 - 13.99 | 4          | -          | -          | -           | -          | 3          | -          | 11         | -          |
| 14.00 - 14.99 | 2          | -          | -          | -           | -          | 3          | -          | 14         | -          |
| 15.00 - 15.99 | 1          | -          | -          | -           | -          | 10         | -          | 25         | -          |
| 16.00 - 16.99 | -          | -          | -          | -           | -          | 17         | -          | 13         | -          |
| 17.00 - 17.99 | -          | -          | -          | -           | -          | 5          | 1          | 2          | -          |
| 18.00 - 18.99 | -          | -          | -          | -           | -          | 7          | -          | 1          | -          |
| 19.00 - 19.99 | -          | -          | -          | -           | -          | 10         | -          | -          | -          |
| 20.00 - 20.99 | 1          | -          | -          | -           | -          | 15         | -          | -          | -          |
| 21.00 - 21.99 | 2          | -          | -          | -           | -          | 1          | -          | -          | -          |
| 22.00 - 22.99 | 3          | -          | -          | -           | -          | 1          | -          | -          | -          |
| 23.00 - 23.99 | -          | -          | -          | -           | 1          | -          | -          | -          | -          |
| 24.00 - 24.99 | -          | -          | -          | -           | -          | 1          | -          | -          | -          |
| 25.00 - 25.99 | -          | -          | -          | -           | 1          | 1          | -          | -          | -          |
| 26.00 - 26.99 | 1          | -          | -          | -           | -          | -          | -          | -          | -          |
| 27.00 - 27.99 | -          | -          | -          | -           | 2          | -          | -          | -          | -          |
| 28.00 - 28.99 | -          | -          | -          | -           | -          | -          | -          | -          | -          |
| 29.00 - 29.99 | -          | -          | -          | -           | -          | -          | -          | -          | -          |
| 30.00 - 30.99 | -          | -          | -          | -           | -          | -          | -          | -          | -          |
| 31.00 - 31.99 | -          | -          | -          | -           | -          | -          | -          | -          | -          |
| 32.00 - 32.99 | -          | -          | -          | -           | -          | -          | -          | -          | -          |
| 33.00 - 33.99 | -          | -          | -          | -           | -          | -          | -          | -          | -          |
| 34.00 - 34.99 | -          | -          | -          | -           | -          | -          | -          | -          | -          |
| 35.00 - 35.99 | -          | -          | -          | -           | -          | -          | -          | -          | -          |
| = > 36.00     | -          | -          | -          | -           | -          | -          | -          | -          | -          |

|                | <u>BIB</u> | <u>BLB</u> | <u>BLC</u> | <u>YBLC</u> | <u>CAP</u> | <u>CCF</u> | <u>NOP</u> | <u>WAE</u> | <u>YEP</u> |
|----------------|------------|------------|------------|-------------|------------|------------|------------|------------|------------|
| Total          | 17         | 38         | 27         | 1           | 10         | 85         | 1          | 88         | 16         |
| Min. Length    | 12.60      | 6.06       | 5.43       | 2.87        | 4.61       | 9.13       | 17.40      | 8.98       | 5.51       |
| Max. Length    | 26.85      | 12.32      | 11.77      | 2.87        | 27.72      | 25.83      | 17.40      | 18.66      | 10.16      |
| Mean Length    | 17.33      | 10.16      | 9.68       | 2.87        | 15.15      | 16.94      | 17.40      | 13.99      | 7.75       |
| # Measured     | 17         | 38         | 25         | 1           | 9          | 85         | 1          | 88         | 15         |
| No Lengths for | 1          | 1          | 2          | 0           | 1          | 0          | 0          | 1          | 1          |

**Note:** Unless all fish were measured in the catch, totals shown for some length-frequency distributions may differ from the total number of fish in the catch, due to rounding of fractions used in the estimation of length frequency from a subsample of measured fish

**Length Frequency Distribution for TN**

**Standard 3/4-in mesh, double frame trap net sets**

(Field work conducted between 08/03/2020 and 08/06/2020)

|                | <u>BIB</u> | <u>BLB</u> | <u>BLC</u> | <u>BLG</u> | <u>CAP</u> | <u>CCF</u> | <u>NOP</u> | <u>QBS</u> | <u>WAE</u> | <u>WTS</u> | <u>YEP</u> |
|----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| < 3.00         | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
| 3.00 - 3.49    | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
| 3.50 - 3.99    | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
| 4.00 - 4.49    | 1          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
| 4.50 - 4.99    | -          | -          | -          | 2          | 1          | -          | -          | -          | -          | -          | -          |
| 5.00 - 5.49    | -          | -          | 4          | 1          | -          | -          | -          | -          | -          | -          | -          |
| 5.50 - 5.99    | -          | -          | 9          | -          | -          | -          | -          | -          | -          | -          | 3          |
| 6.00 - 6.49    | -          | -          | 5          | 1          | -          | -          | -          | -          | -          | -          | 2          |
| 6.50 - 6.99    | -          | -          | 2          | -          | -          | -          | -          | -          | -          | -          | 2          |
| 7.00 - 7.49    | -          | -          | -          | 4          | -          | -          | -          | -          | -          | -          | -          |
| 7.50 - 7.99    | -          | 1          | -          | 1          | -          | -          | -          | -          | -          | -          | -          |
| 8.00 - 8.49    | -          | -          | -          | 3          | -          | -          | -          | -          | -          | -          | 1          |
| 8.50 - 8.99    | -          | -          | 2          | -          | -          | -          | -          | -          | -          | -          | -          |
| 9.00 - 9.49    | -          | -          | 6          | -          | -          | -          | -          | -          | -          | -          | -          |
| 9.50 - 9.99    | -          | -          | 5          | -          | -          | -          | -          | -          | -          | -          | -          |
| 10.00 - 10.49  | -          | -          | 4          | -          | -          | -          | -          | -          | 1          | -          | -          |
| 10.50 - 10.99  | -          | 2          | 3          | -          | -          | -          | -          | -          | -          | -          | -          |
| 11.00 - 11.49  | -          | -          | 3          | -          | -          | -          | -          | -          | 2          | -          | -          |
| 11.50 - 11.99  | -          | -          | 1          | -          | -          | -          | -          | -          | -          | -          | -          |
| 12.00 - 12.99  | 1          | 1          | -          | -          | -          | -          | -          | -          | 1          | -          | -          |
| 13.00 - 13.99  | -          | -          | -          | -          | 1          | -          | -          | -          | -          | 2          | -          |
| 14.00 - 14.99  | -          | -          | -          | -          | -          | -          | -          | -          | 1          | -          | -          |
| 15.00 - 15.99  | 1          | -          | -          | -          | -          | -          | -          | -          | -          | 2          | -          |
| 16.00 - 16.99  | 1          | -          | -          | -          | -          | -          | -          | 3          | -          | 1          | -          |
| 17.00 - 17.99  | -          | -          | -          | -          | -          | -          | 1          | 3          | 3          | -          | -          |
| 18.00 - 18.99  | -          | -          | -          | -          | 1          | -          | 1          | 1          | 2          | -          | -          |
| 19.00 - 19.99  | -          | -          | -          | -          | -          | -          | 1          | 1          | -          | -          | -          |
| 20.00 - 20.99  | -          | -          | -          | -          | 1          | 1          | -          | -          | -          | -          | -          |
| 21.00 - 21.99  | 1          | -          | -          | -          | -          | -          | 2          | -          | -          | -          | -          |
| 22.00 - 22.99  | -          | -          | -          | -          | 1          | -          | 2          | -          | -          | -          | -          |
| 23.00 - 23.99  | 1          | -          | -          | -          | 3          | -          | -          | -          | -          | -          | -          |
| 24.00 - 24.99  | 1          | -          | -          | -          | 4          | -          | -          | -          | -          | -          | -          |
| 25.00 - 25.99  | -          | -          | -          | -          | 7          | -          | -          | -          | -          | -          | -          |
| 26.00 - 26.99  | -          | -          | -          | -          | 4          | -          | -          | -          | -          | -          | -          |
| 27.00 - 27.99  | -          | -          | -          | -          | 5          | -          | -          | -          | -          | -          | -          |
| 28.00 - 28.99  | -          | -          | -          | -          | 3          | -          | -          | -          | -          | -          | -          |
| 29.00 - 29.99  | -          | -          | -          | -          | 1          | -          | -          | -          | -          | -          | -          |
| 30.00 - 30.99  | -          | -          | -          | -          | 1          | -          | -          | -          | -          | -          | -          |
| 31.00 - 31.99  | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
| 32.00 - 32.99  | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
| 33.00 - 33.99  | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
| 34.00 - 34.99  | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
| 35.00 - 35.99  | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
| = > 36.00      | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          |
|                | <u>BIB</u> | <u>BLB</u> | <u>BLC</u> | <u>BLG</u> | <u>CAP</u> | <u>CCF</u> | <u>NOP</u> | <u>QBS</u> | <u>WAE</u> | <u>WTS</u> | <u>YEP</u> |
| Total          | 7          | 4          | 44         | 12         | 33         | 1          | 7          | 8          | 10         | 5          | 8          |
| Min. Length    | 4.37       | 7.95       | 5.16       | 4.88       | 4.53       | 20.83      | 17.95      | 16.06      | 10.08      | 13.31      | 5.67       |
| Max. Length    | 24.84      | 12.17      | 11.97      | 8.43       | 30.75      | 20.83      | 22.24      | 19.33      | 18.62      | 16.02      | 8.15       |
| Mean Length    | 17.13      | 10.42      | 8.07       | 6.91       | 24.69      | 20.83      | 20.45      | 17.50      | 14.89      | 14.80      | 6.46       |
| # Measured     | 7          | 4          | 42         | 12         | 33         | 1          | 7          | 8          | 10         | 5          | 7          |
| No Lengths for | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          |

**Note:** Unless all fish were measured in the catch, totals shown for some length-frequency distributions may differ from the total number of fish in the catch, due to rounding of fractions used in the estimation of length frequency from a subsample of measured fish

**Other Species**

| <b>Gear Type (1)</b> | <b>Other Species (Gender) (2)</b> | <b>Total Num</b> | <b>Number Measured</b> | <b>Length (inches)<br/>Min - Mean - Max</b> | <b>Number Weighed</b> | <b>Weight (pounds)<br/>Min - Mean - Max</b> |
|----------------------|-----------------------------------|------------------|------------------------|---|-----------------------|---|
| TN                   | Painted Turtle                    | 2                | 0                      | N/A   | 0                     | N/A   |

**(1) Key to sampling gear abbreviations:**

TN = Standard 3/4-in mesh, double frame trap net sets

**(2) Gender:** If identified and reported.

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**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 08/07/2020), 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.

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Lake Survey Report revision: 20190410-RJE. Data Date: 08/07/2020 at 1:18 pm .

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## REPORT OVERVIEW - FOR OFFICE USE ONLY

*(This page is not part of the Lake Survey Report and should be discarded )*

Lake Name: Shetek

Survey Type: Standard Survey

DOW Number: 51-0046-00

Survey ID Date: 08/03/2020

**Survey Status:** Field Work Complete

The following 21 (of 32) report components are not included in this Lake Survey Report:

1. Current Water Level
2. Benchmark And Gauge Descriptions / Locations
3. Water Level History<sup>1</sup>
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 Observations<sup>2</sup>
10. Resorts And Campgrounds
11. Fish Spawning Conditions
12. Erosion And Pollution
13. Fish Diseases And Parasites
14. Aquatic Vegetation And Shoalwater Substrates
15. Laboratory Analysis Of Water Chemistry
16. Length At Capture With Last Incremental Length\*
17. Back-Calculated Lengths
18. Age Class Frequency Distributions
19. Status Of Fishery And Field Notes
20. Water Quality (Winter Observations) (added to revision 01/21/2010)
21. Survey Attachments (added to revision 20150622)

<sup>1</sup> 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.

<sup>2</sup> 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 08/07/2020 may not be reflected in the Distribution tables until 08/08/2020.**

**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).