



Minnesota Department of Natural Resources
Fisheries Management



STANDARD LAKE SURVEY REPORT

DRAFT VERSION - PRELIMINARY DATA (AS OF 08/30/2012)

Lake Name: Shetek

Survey Type: Population Assessment

DOW Number: 51-0046-00

Survey ID Date: 08/06/2012

POPULATION ASSESSMENT

Beach Seine (1/8 inch 15 foot)

Beach Seine (1/8 inch 50 foot)

Backpack Electrofishing

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):	3596.00	GIS Shoreline Length (miles):	36.04
GIS Lake Area (acres):	3462.22	Maximum Fetch (miles):	2.60
DOW Lake Area (acres):	3596.00	Fetch Orientation (degrees):	45
Littoral Area (acres):	3462.22	USGS Quad Map Number:	V07b
Area in MN (acres):	3462.22	USGS Quad 24K GIS Index:	4213
Maximum Depth (feet):	10.0		
Mean Depth (feet):	5.0		

Watershed CharacteristicsMajor 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: 08/06/2012, 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: 01/11/2012, 12/28/2010, 01/04/2010.
External Management Survey: 06/29/2007.

Water Level History - Readings

Station ID	Date	Level	Reading (feet)	Reading Type
BM - 1	07/23/2009	Low	0.00	Above or below Benchmark
	08/15/2008	Low	-0.10	Above or below Benchmark

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	0.00	07/23/2009	0.10	-0.05	Above or below Benchmark (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	08/07/2012	10.4	Surface	80.6	12.1
			1.0	80.4	13.5
			2.0	77.2	10.9
			3.0	76.8	9.6
			4.0	76.5	8.6
			5.0	76.3	7.7
			6.0	75.9	7.1
			7.0	75.9	6.4
			8.0	75.7	5.7
			9.0	75.7	5.6
			10.0	75.7	5.3

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	08/07/2012	Surface	1.4	N/A	N/A	Brown Grn	Algae

Net Catch Summary by Numbers for GN

Standard gill net sets

Number of Sets: 8
 First Set Date: 08/06/2012
 Last Lift Date: 08/09/2012
 Target Species: N/A

Abbr	Species	Total Fish	Number Per Set	Quartiles for Lake Class 41*		
				25%	50%	75%
BIB	Bigmouth Buffalo	50	6.25	0.33	1.00	6.11
BLB	Black Bullhead	130	16.25	4.56	23.42	83.00
BLC	Black Crappie	79	9.88	0.83	2.63	11.10
BRB	Brown Bullhead	10	1.25	0.60	1.80	7.67
CCF	Channel Catfish	38	4.75	N/A	N/A	N/A
CAP	Common Carp	7	0.88	0.52	1.80	9.13
NOP	Northern Pike	3	0.38	1.20	3.50	7.79
QBS	Quillback	1	0.13	N/A	N/A	N/A
WAE	Walleye	41	5.13	3.22	7.67	15.33
WHC	White Crappie	3	0.38	0.78	2.00	11.00
YEP	Yellow Perch	71	8.88	3.00	8.94	22.50
Total Fish/Set:			54.13	* 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	188.76	23.59	3.78	N/A	N/A	N/A
BLB	Black Bullhead	45.48	5.69	0.35	0.21	0.38	0.60
BLC	Black Crappie	14.71	1.84	0.19	0.17	0.25	0.37
BRB	Brown Bullhead	7.23	0.90	0.72	0.38	0.63	1.07
CCF	Channel Catfish	62.01	7.75	1.63	N/A	N/A	N/A
CAP	Common Carp	40.79	5.10	5.83	1.00	2.39	4.88
NOP	Northern Pike	5.67	0.71	1.89	1.53	2.12	2.95
QBS	Quillback	2.65	0.33	2.65	N/A	N/A	N/A
WAE	Walleye	44.94	5.62	1.10	0.88	1.37	1.90
WHC	White Crappie	0.71	0.09	0.24	0.20	0.24	0.40
YEP	Yellow Perch	10.39	1.30	0.15	0.14	0.24	0.36
Total Pounds Fish/Set:			52.92	* Quartiles for Mean Weight			

STANDARD LAKE SURVEY REPORT
POPULATION ASSESSMENT DATED 08/06/2012 FOR DOW NUMBER 51-0046-00

DRAFT

Net Catch Summary by Numbers for TN

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

Number of Sets: 16
 First Set Date: 08/06/2012
 Last Lift Date: 08/09/2012
 Target Species: N/A

Abbr	Species	Total Fish	Number Per Set	Quartiles for Lake Class 41*		
				25%	50%	75%
BIB	Bigmouth Buffalo	14	0.88	0.22	0.48	1.45
BLB	Black Bullhead	4	0.25	1.33	14.73	78.13
BLC	Black Crappie	125	7.81	0.98	2.96	12.33
BLG	Bluegill	3	0.19	1.05	3.00	14.93
CCF	Channel Catfish	3	0.19	N/A	N/A	N/A
CAP	Common Carp	27	1.69	0.70	1.80	5.11
NOP	Northern Pike	10	0.63	N/A	N/A	N/A
QBS	Quillback	9	0.56	N/A	N/A	N/A
WAE	Walleye	45	2.81	0.31	0.73	1.69
WHC	White Crappie	18	1.13	0.53	1.82	15.86
WTS	White Sucker	7	0.44	0.25	0.50	1.29
YEB	Yellow Bullhead	4	0.25	0.50	1.60	4.05
YEP	Yellow Perch	18	1.13	0.25	0.81	2.62
Total Fish/Set:			17.94	* 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	63.05	3.94	4.50	1.25	3.18	5.07
BLB	Black Bullhead	2.68	0.17	0.67	0.21	0.36	0.59
BLC	Black Crappie	29.30	1.83	0.23	0.23	0.34	0.49
BLG	Bluegill	1.05	0.07	0.35	0.16	0.25	0.38
CCF	Channel Catfish	6.33	0.40	2.11	N/A	N/A	N/A
CAP	Common Carp	149.34	9.33	5.53	2.33	4.10	5.64
NOP	Northern Pike	33.44	2.09	3.34	N/A	N/A	N/A
QBS	Quillback	23.64	1.48	2.63	N/A	N/A	N/A
WAE	Walleye	49.02	3.06	1.09	0.85	1.63	2.41
WHC	White Crappie	3.29	0.21	0.18	0.21	0.34	0.53
WTS	White Sucker	8.91	0.56	1.27	1.35	1.97	2.62
YEB	Yellow Bullhead	2.81	0.18	0.70	0.40	0.60	0.84
YEP	Yellow Perch	4.32	0.27	0.24	0.13	0.20	0.31
Total Pounds Fish/Set:			23.57	* Quartiles for Mean Weight			

Electrofishing Catch Summary for EFB

Electrofishing, Backpack

Total run-time for all stations: 01:23:00

Total on-time for all stations: 00:43:54

First Sampling Date: 08/06/2012

Last Sampling Date: 08/10/2012

Daylight Sampling: Yes

Target Species: N/A

Abbr	Species	Summary By Numbers			Summary By Weight (pounds)			
		Total Number	Number per Hour Run-Time	On-Time	Total Weight	Lbs per Hour Run-Time	On-Time	Mean Weight
JND	Johnny Darter	189	136.63	258.31	0.00	0.00	0.00	0.00
BIB	Bigmouth Buffalo	1	0.72	1.37	0.00	0.00	0.00	0.00
BLB	Black Bullhead	2	1.45	2.73	0.00	0.00	0.00	0.00
BLG	Bluegill	103	74.46	140.77	0.00	0.00	0.00	0.00
BNM	Bluntnose Minnow	17	12.29	23.23	0.00	0.00	0.00	0.00
CCF	Channel Catfish	1	0.72	1.37	0.00	0.00	0.00	0.00
CSH	Common Shiner	5	3.61	6.83	0.00	0.00	0.00	0.00
FHM	Fathead Minnow	104	75.18	142.14	0.00	0.00	0.00	0.00
GSF	Green Sunfish	45	32.53	61.50	0.00	0.00	0.00	0.00
OSS	Orangespotted Sunfish	127	91.81	173.58	0.00	0.00	0.00	0.00
QBS	Quillback	1	0.72	1.37	0.00	0.00	0.00	0.00
SFS	Spotfin Shiner	4	2.89	5.47	0.00	0.00	0.00	0.00
TPM	Tadpole Madtom	1	0.72	1.37	0.00	0.00	0.00	0.00
YEP	Yellow Perch	5	3.61	6.83	0.00	0.00	0.00	0.00

Natural Reproduction Catch Summary for S58

Seining, 50 foot 1/8 in Beach Seine for IBI

Number of Hauls: 1
 First Haul Date: 07/20/2012
 Last Haul Date: 07/20/2012
 Target Species: N/A

Abbr	Species	Age	Total Number	Number Measured	Mean Length (inches)	Length Range (inches)	
						Minimum	Maximum
JND	Johnny Darter	All	25	0	N/A	N/A	N/A
BLC	Black Crappie	YOY	10	0	N/A	N/A	N/A
BLG	Bluegill	YOY	1,219	0	N/A	N/A	N/A
CCF	Channel Catfish	YOY	2	0	N/A	N/A	N/A
FHM	Fathead Minnow	All	25	0	N/A	N/A	N/A
MMS	Mimic Shiner	All	4	0	N/A	N/A	N/A
OSS	Orangespotted Sunfish	YOY	228	0	N/A	N/A	N/A
QBS	Quillback	YOY	1	0	N/A	N/A	N/A
SFS	Spotfin Shiner	All	9	0	N/A	N/A	N/A
YEP	Yellow Perch	YOY	16	0	N/A	N/A	N/A

Natural Reproduction Catch Summary for S18

Seining, 15 foot 1/8 in Beach Seine for IBI

Number of Hauls: 13
 First Haul Date: 07/20/2012
 Last Haul Date: 08/10/2012
 Target Species: N/A

Abbr	Species	Age	Total Number	Number Measured	Mean Length (inches)	Length Range (inches)	
						Minimum	Maximum
JND	Johnny Darter	All	83	0	N/A	N/A	N/A
BLC	Black Crappie	YOY	2	0	N/A	N/A	N/A
BLC	Black Crappie	≥ 1	5	0	N/A	N/A	N/A
BLG	Bluegill	YOY	1,112	0	N/A	N/A	N/A
BLG	Bluegill	≥ 1	25	0	N/A	N/A	N/A
BNM	Bluntnose Minnow	All	15	0	N/A	N/A	N/A
CCF	Channel Catfish	YOY	6	0	N/A	N/A	N/A
CSH	Common Shiner	All	36	0	N/A	N/A	N/A
FHM	Fathead Minnow	All	1,529	0	N/A	N/A	N/A
OSS	Orangespotted Sunfish	YOY	138	0	N/A	N/A	N/A
OSS	Orangespotted Sunfish	≥ 1	282	0	N/A	N/A	N/A
SFS	Spotfin Shiner	All	37	0	N/A	N/A	N/A
TPM	Tadpole Madtom	All	1	0	N/A	N/A	N/A
WAE	Walleye	All	6	0	N/A	N/A	N/A
YEP	Yellow Perch	YOY	3	0	N/A	N/A	N/A
YEP	Yellow Perch	≥ 1	1	0	N/A	N/A	N/A

STANDARD LAKE SURVEY REPORT
POPULATION ASSESSMENT DATED 08/06/2012 FOR DOW NUMBER 51-0046-00

DRAFT

Length Frequency Distribution For GN

Standard gill net sets

(Field work conducted between 08/06/2012 and 08/09/2012)

	<u>BIB</u>	<u>YBIB</u>	<u>BLB</u>	<u>BLC</u>	<u>BRB</u>	<u>CAP</u>	<u>CCF</u>	<u>NOP</u>	<u>QBS</u>	<u>WAE</u>	<u>WHC</u>	<u>YEP</u>
< 3.00	-	-	-	-	-	-	-	-	-	-	-	-
3.00 - 3.49	-	-	-	-	-	-	-	-	-	-	-	-
3.50 - 3.99	-	-	-	-	-	-	-	-	-	-	-	-
4.00 - 4.49	-	-	-	-	-	-	-	-	-	-	-	-
4.50 - 4.99	-	1	-	1	-	-	-	-	-	-	-	-
5.00 - 5.49	-	-	-	17	-	-	-	-	-	-	-	7
5.50 - 5.99	-	-	1	33	-	-	1	-	-	-	-	34
6.00 - 6.49	-	-	6	10	-	-	-	-	-	-	-	6
6.50 - 6.99	-	-	21	-	-	-	7	-	-	-	-	3
7.00 - 7.49	-	-	20	-	-	-	2	-	-	-	1	2
7.50 - 7.99	-	-	16	1	-	-	1	-	-	-	1	3
8.00 - 8.49	-	-	5	6	1	-	-	-	-	2	1	9
8.50 - 8.99	-	-	14	3	-	-	-	-	-	4	-	1
9.00 - 9.49	1	-	16	2	2	-	-	-	-	2	-	4
9.50 - 9.99	-	-	11	1	-	-	-	-	-	1	-	1
10.00 - 10.49	-	-	14	2	-	-	1	-	-	2	-	-
10.50 - 10.99	-	-	5	1	-	-	-	-	-	1	-	-
11.00 - 11.49	-	-	1	2	1	-	-	-	-	1	-	-
11.50 - 11.99	-	-	-	-	2	-	2	-	-	-	-	-
12.00 - 12.99	-	-	-	-	4	-	1	-	-	-	-	-
13.00 - 13.99	-	-	-	-	-	1	-	-	-	-	-	-
14.00 - 14.99	-	-	-	-	-	-	-	-	-	1	-	-
15.00 - 15.99	-	-	-	-	-	-	-	-	-	7	-	-
16.00 - 16.99	2	-	-	-	-	-	3	-	-	9	-	-
17.00 - 17.99	7	-	-	-	-	-	1	-	1	5	-	-
18.00 - 18.99	18	-	-	-	-	-	3	-	-	3	-	-
19.00 - 19.99	9	-	-	-	-	1	4	-	-	2	-	-
20.00 - 20.99	9	-	-	-	-	-	6	1	-	-	-	-
21.00 - 21.99	2	-	-	-	-	-	3	1	-	-	-	-
22.00 - 22.99	-	-	-	-	-	-	2	1	-	-	-	-
23.00 - 23.99	-	-	-	-	-	1	-	-	-	-	-	-
24.00 - 24.99	-	-	-	-	-	1	-	-	-	-	-	-
25.00 - 25.99	1	-	-	-	-	1	-	-	-	-	-	-
26.00 - 26.99	-	-	-	-	-	1	1	-	-	-	-	-
27.00 - 27.99	-	-	-	-	-	1	-	-	-	-	-	-
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>YBIB</u>	<u>BLB</u>	<u>BLC</u>	<u>BRB</u>	<u>CAP</u>	<u>CCF</u>	<u>NOP</u>	<u>QBS</u>	<u>WAE</u>	<u>WHC</u>	<u>YEP</u>
Total	49	1	130	79	10	7	38	3	1	40	3	70
Min. Length	9.02	4.57	5.87	4.92	8.39	13.66	5.63	20.47	17.64	8.31	7.44	5.28
Max. Length	25.67	4.57	11.30	11.34	12.76	27.28	26.38	22.05	17.64	19.53	8.23	9.72
Mean Length	18.94	4.57	8.30	6.47	11.20	22.98	15.30	21.19	17.64	14.34	7.77	6.52
# Measured	49	1	130	79	10	7	38	3	1	39	3	68
No Lengths for	0	0	0	0	0	0	0	0	0	2	0	3

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 08/06/2012 and 08/09/2012)

	<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>WHC</u>	<u>WTS</u>	<u>YEB</u>	<u>YEP</u>
< 3.00	-	-	-	-	-	-	-	-	-	-	-	-	-
3.00 - 3.49	-	-	-	-	-	-	-	-	-	-	-	-	-
3.50 - 3.99	-	-	-	-	-	-	-	-	-	1	-	-	-
4.00 - 4.49	-	-	-	1	-	-	-	-	-	-	-	-	-
4.50 - 4.99	-	-	1	-	-	-	-	-	-	-	-	-	-
5.00 - 5.49	-	-	24	-	-	-	-	-	-	2	-	-	3
5.50 - 5.99	-	-	22	-	-	-	-	-	-	-	-	-	2
6.00 - 6.49	-	-	24	-	-	-	-	-	-	-	-	-	2
6.50 - 6.99	-	-	6	-	-	2	-	-	-	3	-	-	-
7.00 - 7.49	-	-	1	-	-	-	-	-	-	7	-	-	-
7.50 - 7.99	-	-	5	1	-	-	-	-	-	4	-	-	-
8.00 - 8.49	-	-	11	1	-	-	-	-	2	1	-	-	3
8.50 - 8.99	1	-	12	-	-	-	-	-	2	-	-	1	3
9.00 - 9.49	-	-	4	-	-	-	-	-	9	-	-	-	-
9.50 - 9.99	-	-	6	-	1	-	-	-	3	-	-	1	3
10.00 - 10.49	-	1	3	-	-	-	-	-	3	-	-	-	-
10.50 - 10.99	-	-	3	-	-	-	-	-	3	-	-	-	1
11.00 - 11.49	-	2	1	-	-	-	-	-	-	-	-	-	-
11.50 - 11.99	-	-	1	-	-	-	-	-	-	-	-	1	-
12.00 - 12.99	-	1	1	-	1	-	-	-	-	-	-	1	-
13.00 - 13.99	-	-	-	-	-	-	-	-	-	-	2	-	-
14.00 - 14.99	-	-	-	-	1	-	-	-	-	-	2	-	-
15.00 - 15.99	-	-	-	-	1	-	-	2	2	-	3	-	-
16.00 - 16.99	-	-	-	-	2	-	-	3	6	-	-	-	-
17.00 - 17.99	-	-	-	-	4	-	-	2	4	-	-	-	-
18.00 - 18.99	2	-	-	-	2	-	1	1	6	-	-	-	-
19.00 - 19.99	4	-	-	-	2	-	-	1	2	-	-	-	-
20.00 - 20.99	3	-	-	-	-	-	1	-	2	-	-	-	-
21.00 - 21.99	-	-	-	-	-	-	2	-	1	-	-	-	-
22.00 - 22.99	3	-	-	-	-	-	1	-	-	-	-	-	-
23.00 - 23.99	-	-	-	-	-	-	-	-	-	-	-	-	-
24.00 - 24.99	-	-	-	-	2	-	1	-	-	-	-	-	-
25.00 - 25.99	-	-	-	-	5	1	-	-	-	-	-	-	-
26.00 - 26.99	-	-	-	-	1	-	1	-	-	-	-	-	-
27.00 - 27.99	1	-	-	-	4	-	-	-	-	-	-	-	-
28.00 - 28.99	-	-	-	-	-	-	-	-	-	-	-	-	-
29.00 - 29.99	-	-	-	-	-	-	1	-	-	-	-	-	-
30.00 - 30.99	-	-	-	-	-	-	1	-	-	-	-	-	-
31.00 - 31.99	-	-	-	-	1	-	-	-	-	-	-	-	-
32.00 - 32.99	-	-	-	-	-	-	1	-	-	-	-	-	-
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>WHC</u>	<u>WTS</u>	<u>YEB</u>	<u>YEP</u>
Total	14	4	125	3	27	3	10	9	45	18	7	4	17
Min. Length	8.86	10.39	4.92	4.21	9.65	6.54	18.50	15.35	8.19	3.58	13.39	8.62	5.31
Max. Length	27.17	12.24	12.05	8.31	31.10	25.00	32.44	19.65	21.89	8.07	15.47	12.32	10.55
Mean Length	19.97	11.32	7.05	6.82	21.30	12.73	24.80	17.17	14.14	6.92	14.65	10.67	7.90
# Measured	14	4	120	3	27	3	10	9	42	18	7	4	14
No Lengths for	0	0	5	0	0	0	0	0	3	0	0	0	4

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

Gear Type (1)	Other Species (Gender) (2)	Total Num	Number Measured	Length (inches) Min - Mean - Max	Number Weighed	Weight (pounds) Min - Mean - Max
TN	Painted Turtle	5	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.

Approval Dates And Notices

Date Approved By Windom Area Fisheries Supervisor: _____

Date Approved By Southern Region Fisheries Manager: _____

This Draft version of the Standard Lake Survey Report contains preliminary data (as of 08/30/2012), 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.

REPORT OVERVIEW - FOR OFFICE USE ONLY

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

Lake Name: Shetek

Survey Type: Population Assessment

DOW Number: 51-0046-00

Survey ID Date: 08/06/2012

Beach Seine (1/8 inch 15 foot), Beach Seine (1/8 inch 50 foot), Backpack Electrofishing

Survey Status: Field Work Complete

The following 20 (of 31) report components are not included in this report:

1. Current Water Level
2. Benchmark And Gauge Descriptions / Locations
3. Water Level History*
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
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)

* 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.

* 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 08/30/2012 may not be reflected in the Distribution tables until 08/31/2012.