

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

Survey Type: Standard Survey
Survey ID Date: 08/07/2023

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, 08/05/2008/03/1998, 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, 01/04/2011
External Management Survey: 06/29/2007.
Standard Survey: 08/07/2023, 08/01/2022, 08/03/2020, 08/06/2018, 08/08/2016.
Targeted Survey: 05/08/2023, 10/10/2022, 10/12/2020, 02/05/2020, 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	08/04/2022	Normal	-0.25	Above or below Benchmark
	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	-0.25	08/04/2022	0.50	08/07/2018	0.75	0.07	Above or below Benchmark (6)
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	08/10/2023	N/A	Surface	77.4	8.8
			5.0	76.6	6.1
			10.0	75.6	3.1
WQ - 1	08/09/2023	N/A	Surface	75.6	5.9
			5.0	75.2	4.2
			10.0	75.2	2.6
WQ - 1	08/08/2023	N/A	Surface	75.2	2.7
			5.0	75.2	2.3
			10.0	75.2	2.2
WQ - 1	08/07/2023	11.0	Surface	75.6	3.4
			2.0	75.6	3.4
			4.0	75.4	3.1
			6.0	75.4	3.1
			8.0	75.4	2.8
			10.0	75.4	2.5

Field Measurements of Water Quality

Station ID	Sampling Date	Sample Depth (Feet)	Secchi Depth (Feet)	Field pH	Alkalinity (ppm)	Water Color	Color Cause
WQ - 1	08/10/2023	Surface	N/A	N/A	N/A	N/A	N/A
	08/09/2023	Surface	N/A	N/A	N/A	N/A	N/A
	08/08/2023	Surface	N/A	N/A	N/A	N/A	N/A
	08/07/2023	Surface	0.8	8.60	220	Green	Algae

Net Catch Summary by Numbers for GN

Standard gill net sets

Number of Sets: 6
First Set Date: 08/07/2023
Last Lift Date: 08/10/2023
Target Species: N/A

Abbr	Species	Total Fish	Number Per Set	Quartiles for Lake Class 41 ¹		
				25%	50%	75%
BIB	Bigmouth Buffalo	17	2.83	0.33	1.00	6.11
BLB	Black Bullhead	67	11.17	4.56	23.42	83.00
BLC	Black Crappie	2	0.33	0.83	2.63	11.10
CCF	Channel Catfish	2	0.33	N/A	N/A	N/A
CAP	Common Carp	12	2.00	0.52	1.80	9.13
NOP	Northern Pike	26	4.33	1.20	3.50	7.79
WAE	Walleye	101	16.83	3.22	7.67	15.33
YEP	Yellow Perch	104	17.33	3.00	8.94	22.50
Total Fish/Set:			55.17	¹ 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 ²	Quartiles for Lake Class 41 ¹		
					25%	50%	75%
BIB	Bigmouth Buffalo	117.79	19.63	6.97	N/A	N/A	N/A
BLB	Black Bullhead	56.19	9.37	0.84	0.21	0.38	0.60
BLC	Black Crappie	0.35	0.06	0.18	0.17	0.25	0.37
CCF	Channel Catfish	11.47	1.91	5.73	N/A	N/A	N/A
CAP	Common Carp	2.09	0.35	0.17	1.00	2.39	4.88
NOP	Northern Pike	14.42	2.40	0.69	1.53	2.12	2.95
WAE	Walleye	36.29	6.05	0.37	0.88	1.37	1.90
YEP	Yellow Perch	20.97	3.50	0.21	0.14	0.24	0.36
Total Pounds Fish/Set:			43.26	¹ Quartiles for Mean Weight			

² Mean Weights are based on measured fish counts only.

Net Catch Summary by Numbers for TN

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

Number of Sets: 16
First Set Date: 08/07/2023
Last Lift Date: 08/10/2023
Target Species: N/A

Abbr	Species	Total Fish	Number Per Set	Quartiles for Lake Class 41 ¹		
				25%	50%	75%
BIB	Bigmouth Buffalo	79	4.94	0.22	0.48	1.45
BLB	Black Bullhead	201	12.56	1.33	14.73	78.13
BLC	Black Crappie	164	10.25	0.98	2.96	12.33
BLG	Bluegill	1	0.06	1.05	3.00	14.93
CCF	Channel Catfish	2	0.13	N/A	N/A	N/A
CAP	Common Carp	27	1.69	0.70	1.80	5.11
NOP	Northern Pike	19	1.19	N/A	N/A	N/A
OSS	Orangespotted Sunfish	7	0.44	N/A	N/A	N/A
QBS	Quillback	24	1.50	N/A	N/A	N/A
WAE	Walleye	117	7.31	0.31	0.73	1.69
WTS	White Sucker	12	0.75	0.25	0.50	1.29
YEB	Yellow Bullhead	5	0.31	0.50	1.60	4.05
YEP	Yellow Perch	82	5.13	0.25	0.81	2.62
Total Fish/Set:			46.25	¹ 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 ²	Quartiles for Lake Class 41 ¹		
					25%	50%	75%
BIB	Bigmouth Buffalo	164.36	10.27	2.08	1.25	3.18	5.07
BLB	Black Bullhead	30.83	1.93	0.18	0.21	0.36	0.59
BLC	Black Crappie	20.93	1.31	0.12	0.23	0.34	0.49
BLG	Bluegill	0.11	0.01	0.11	0.16	0.25	0.38
CCF	Channel Catfish	11.03	0.69	5.51	N/A	N/A	N/A
CAP	Common Carp	59.85	3.74	2.22	2.33	4.10	5.64
NOP	Northern Pike	14.82	0.93	0.85	N/A	N/A	N/A
OSS	Orangespotted Sunfish	0.23	0.01	0.03	N/A	N/A	N/A
QBS	Quillback	42.05	2.63	1.75	N/A	N/A	N/A
WAE	Walleye	44.57	2.79	0.40	0.85	1.63	2.41
WTS	White Sucker	7.77	0.49	0.65	1.35	1.97	2.62
YEB	Yellow Bullhead	3.58	0.22	0.72	0.40	0.60	0.84
YEP	Yellow Perch	12.99	0.81	0.16	0.13	0.20	0.31
Total Pounds Fish/Set:			25.82	¹ Quartiles for Mean Weight			

² Mean Weights are based on measured fish counts only.

Natural Reproduction Catch Summary for SE**Standard shoreline seining**

Number of Hauls: 2
First Haul Date: 08/11/2023
Last Haul Date: 08/11/2023
Target Species: N/A

Abbr	Species	Age	Total Number	Number Measured	Mean Length (inches)	Length Range (inches)		CPUE (num/ haul)
						Minimum	Maximum	
BIB	Bigmouth Buffalo	YOY	58	0	N/A	N/A	N/A	29.00
FHM	Fathead Minnow	YOY	248	0	N/A	N/A	N/A	124.00
SFS	Spotfin Shiner	All	26	0	N/A	N/A	N/A	13.00
YEP	Yellow Perch	YOY	1	0	N/A	N/A	N/A	0.50

Length Frequency Distribution for GN

Standard gill net sets

(Field work conducted between 08/07/2023 and 08/10/2023)

	<u>BIB</u>	<u>BLB</u>	<u>BLC</u>	<u>CAP</u>	<u>CCF</u>	<u>NOP</u>	<u>WAE</u>	<u>YEP</u>
< 3.00	-	-	-	-	-	-	-	-
3.00 - 3.49	-	-	-	-	-	-	-	-
3.50 - 3.99	-	1	-	-	-	-	-	-
4.00 - 4.49	-	4	1	-	-	-	-	-
4.50 - 4.99	1	-	-	1	-	-	1	1
5.00 - 5.49	-	1	-	-	-	-	1	-
5.50 - 5.99	-	-	-	4	-	-	1	10
6.00 - 6.49	-	2	-	1	-	-	4	26
6.50 - 6.99	-	1	-	3	-	-	26	26
7.00 - 7.49	-	3	-	1	-	-	30	12
7.50 - 7.99	-	2	-	1	-	-	7	6
8.00 - 8.49	-	3	1	-	-	-	-	3
8.50 - 8.99	-	5	-	-	-	-	-	6
9.00 - 9.49	-	1	-	1	-	3	-	11
9.50 - 9.99	-	2	-	-	-	3	-	1
10.00 - 10.49	-	2	-	-	-	2	-	1
10.50 - 10.99	-	-	-	-	-	4	-	1
11.00 - 11.49	-	2	-	-	-	1	2	-
11.50 - 11.99	-	7	-	-	-	3	-	-
12.00 - 12.99	-	27	-	-	-	-	10	-
13.00 - 13.99	-	3	-	-	-	-	3	-
14.00 - 14.99	-	1	-	-	-	-	5	-
15.00 - 15.99	-	-	-	-	-	-	4	-
16.00 - 16.99	-	-	-	-	-	-	1	-
17.00 - 17.99	-	-	-	-	-	-	1	-
18.00 - 18.99	1	-	-	-	-	-	1	-
19.00 - 19.99	-	-	-	-	-	1	-	-
20.00 - 20.99	1	-	-	-	-	1	-	-
21.00 - 21.99	3	-	-	-	-	-	-	-
22.00 - 22.99	6	-	-	-	-	1	-	-
23.00 - 23.99	1	-	-	-	-	-	-	-
24.00 - 24.99	5	-	-	-	2	-	-	-
25.00 - 25.99	-	-	-	-	-	-	-	-
26.00 - 26.99	-	-	-	-	-	-	-	-
27.00 - 27.99	-	-	-	-	-	-	-	-
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>CAP</u>	<u>CCF</u>	<u>NOP</u>	<u>WAE</u>	<u>YEP</u>
Total	18	67	2	12	2	19	97	104
Min. Length	4.65	3.74	4.41	4.72	24.09	9.13	4.53	4.76
Max. Length	24.72	14.17	8.11	9.09	24.09	22.40	18.15	10.55
Mean Length	21.54	10.39	6.26	6.49	24.09	12.13	8.88	7.26
# Measured	14	67	2	12	2	18	97	88
No Lengths for	3	0	0	0	0	1	0	16

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 08/07/2023 and 08/10/2023)

	<u>BIB</u>	<u>YBIB</u>	<u>BLB</u>	<u>BLC</u>	<u>YBLC</u>	<u>BLG</u>	<u>CAP</u>	<u>CCF</u>	<u>NOP</u>	<u>YNOP</u>	<u>OSS</u>	<u>QBS</u>	<u>WAE</u>	<u>YWAE</u>	<u>WTS</u>
< 3.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.00 - 3.49	-	2	-	-	2	-	-	-	-	-	5	-	-	-	-
3.50 - 3.99	-	19	4	-	69	-	1	-	-	-	2	-	-	-	-
4.00 - 4.49	-	21	103	-	46	-	2	-	-	-	-	-	-	-	-
4.50 - 4.99	-	8	67	-	8	1	3	-	-	-	-	-	-	-	-
5.00 - 5.49	-	3	3	-	-	-	1	-	-	-	-	-	-	-	-
5.50 - 5.99	-	-	-	-	-	-	2	-	-	-	-	-	-	2	-
6.00 - 6.49	-	-	-	6	-	-	4	-	-	-	-	-	-	4	-
6.50 - 6.99	-	-	-	9	-	-	4	-	-	-	-	-	-	44	-
7.00 - 7.49	-	-	2	6	-	-	-	-	-	-	-	-	-	37	-
7.50 - 7.99	-	-	-	3	-	-	1	-	-	1	-	-	-	4	-
8.00 - 8.49	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-
8.50 - 8.99	-	-	-	-	-	-	1	-	-	2	-	-	-	-	1
9.00 - 9.49	-	-	-	1	-	-	-	-	-	4	-	-	-	-	2
9.50 - 9.99	-	-	1	-	-	-	-	-	-	2	-	-	-	-	2
10.00 - 10.49	-	-	1	1	-	-	-	-	-	3	-	3	-	-	3
10.50 - 10.99	-	-	1	1	-	-	-	-	-	-	-	-	-	-	2
11.00 - 11.49	-	-	2	4	-	-	-	-	-	2	-	-	-	-	-
11.50 - 11.99	-	-	4	2	-	-	-	-	-	2	-	1	-	-	-
12.00 - 12.99	-	-	11	1	-	-	-	-	-	1	-	-	7	-	-
13.00 - 13.99	-	-	3	-	-	-	-	-	-	-	-	3	5	-	-
14.00 - 14.99	-	-	-	-	-	-	-	-	-	-	-	5	-	-	1
15.00 - 15.99	-	-	-	-	-	-	-	-	-	-	-	4	4	-	-
16.00 - 16.99	-	-	-	-	-	-	-	-	-	-	-	1	7	-	-
17.00 - 17.99	3	-	-	-	-	-	-	-	-	-	-	3	1	-	1
18.00 - 18.99	4	-	-	-	-	-	1	-	-	-	-	2	-	-	-
19.00 - 19.99	3	-	-	-	-	-	-	-	-	-	-	2	-	-	-
20.00 - 20.99	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.00 - 21.99	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-
22.00 - 22.99	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23.00 - 23.99	3	-	-	-	-	-	2	1	-	-	-	-	-	-	-
24.00 - 24.99	4	-	-	-	-	-	1	1	-	-	-	-	1	-	-
25.00 - 25.99	3	-	-	-	-	-	1	-	1	-	-	-	-	-	-
26.00 - 26.99	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
27.00 - 27.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28.00 - 28.99	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
29.00 - 29.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30.00 - 30.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31.00 - 31.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32.00 - 32.99	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
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>YBLC</u>	<u>BLG</u>	<u>CAP</u>	<u>CCF</u>	<u>NOP</u>	<u>YNOP</u>	<u>OSS</u>	<u>QBS</u>	<u>WAE</u>	<u>YWAE</u>	<u>WTS</u>
Total	26	53	202	37	125	1	27	2	2	17	7	24	25	91	12
Min. Length	17.13	3.27	3.90	6.10	3.46	4.76	3.98	23.43	25.98	7.95	3.15	10.24	12.28	5.91	8.86
Max. Length	25.79	5.20	13.39	12.72	4.80	4.76	28.66	24.80	32.95	12.64	3.98	19.09	24.49	7.68	17.64
Mean Length	21.54	4.18	5.52	8.12	3.99	4.76	11.24	24.11	29.47	10.11	3.44	15.02	14.97	6.97	10.94
# Measured	26	51	144	37	112	1	27	2	2	15	7	24	25	75	12
No Lengths for	0	2	57	1	14	0	0	0	0	2	0	0	0	17	0

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 (Continued)

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

(Field work conducted between 08/07/2023 and 08/10/2023)

	<u>YEB</u>	<u>YEP</u>
< 3.00	-	-
3.00 - 3.49	-	-
3.50 - 3.99	-	-
4.00 - 4.49	-	-
4.50 - 4.99	-	-
5.00 - 5.49	-	4
5.50 - 5.99	-	20
6.00 - 6.49	-	20
6.50 - 6.99	-	19
7.00 - 7.49	-	8
7.50 - 7.99	-	2
8.00 - 8.49	-	1
8.50 - 8.99	-	2
9.00 - 9.49	1	2
9.50 - 9.99	-	-
10.00 - 10.49	1	2
10.50 - 10.99	1	1
11.00 - 11.49	1	-
11.50 - 11.99	-	-
12.00 - 12.99	1	-
13.00 - 13.99	-	-
14.00 - 14.99	-	-
15.00 - 15.99	-	-
16.00 - 16.99	-	-
17.00 - 17.99	-	-
18.00 - 18.99	-	-
19.00 - 19.99	-	-
20.00 - 20.99	-	-
21.00 - 21.99	-	-
22.00 - 22.99	-	-
23.00 - 23.99	-	-
24.00 - 24.99	-	-
25.00 - 25.99	-	-
26.00 - 26.99	-	-
27.00 - 27.99	-	-
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>YEB</u>	<u>YEP</u>
Total	5	81
Min. Length	9.17	5.04
Max. Length	12.20	10.63
Mean Length	10.72	6.63
# Measured	5	75
No Lengths for	0	7

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	10	0	N/A	0	N/A
	Snapping Turtle	1	1	15.35	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 Lake Survey Report contains preliminary data (as of 08/15/2023), 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.

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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
DOW Number: 51-0046-00

Survey Type: Standard Survey
Survey ID Date: 08/07/2023

Survey Status: Field Work Complete

The following 23 (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. Water Quality (Winter Observations) (added to revision 01/21/2010)
16. Laboratory Analysis Of Water Chemistry
17. Zooplankton Sampling (added to revision 20221130)
18. Catch Summary (Pre-1993 Format) (added to revision 20201001)
19. Length At Capture With Last Incremental Length*
20. Back-Calculated Lengths
21. Age Class Frequency Distributions
22. Status Of Fishery And Field Notes
23. 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 before noon on 08/15/2023 may not be reflected in the Distribution tables until after 12:30 pm on 08/15/2023.

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).