



Minnesota Department of Natural Resources  
Fisheries Management



STANDARD LAKE SURVEY REPORT

**DRAFT VERSION - PRELIMINARY DATA (AS OF 09/08/2014)**

Lake Name: Fox

Survey Type: Population Assessment

DOW Number: 46-0109-00

Survey ID Date: 09/02/2014

**Lake Identification**

Alternate Lake Name: N/A  
Primary Lake Class ID: 24

DNR Sounding Map Number: D0266  
Alternate Lake Class ID: N/A

**Lake Location**

Primary County: Martin

Nearest Town: Sherburn

**Legal Descriptions**

Lake Center: Township - 103N Range - 32W Section - 32  
PLS Section Lake Center: 10303232

**All Legal Descriptions:**

Martin County: Township - 102N Range - 32W Sections - 4, 5, 6  
Township - 103N Range - 32W Sections - 31, 32, 33, 34

**Area Office**

Area Name: Windom  
Region Name: Southern

ORG Code: F418  
Region Number: 4

**Lake Access**

(Information based on Population Assessment dated 09/07/1993)

Station ID	Ownership	Public Use	Type	Location / Comments
AC - 1	DNR	Open to Public use	Concrete	State access on the NE end of lake. 103N 32W S34. State access on the NE end of lake. 103N; 32W; S34.
AC - 2	Private Property	Client Use Only	Concrete	Fox Lake Club access on east end of lake. 103N 32W S34. Fox Lake Club access on east end of lake. 103N; 32W; S34.

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

**Lake Characteristics**

Lake Area (planimetered acres): 1041.00  
GIS Lake Area (acres): 951.02  
DOW Lake Area (acres): 967.00  
Littoral Area (acres): 780.00  
Area in MN (acres): 951.02  
Maximum Depth (feet): 20.0  
Mean Depth (feet): N/A

GIS Shoreline Length (miles): 11.31  
Maximum Fetch (miles): 3.40  
Fetch Orientation (degrees): 90  
USGS Quad Map Number: X11b  
USGS Quad 24K GIS Index: 4621

**Watershed Characteristics**

**Major Watershed**

Name: Blue Earth River  
 Watershed Number: 30  
 Watershed size (acres): 777,240

**Minor Watershed**

Name: Fox L  
 Watershed Number: 77  
 Watershed size (acres): 4,023

**Surveys And Investigations**

**Re-Survey:** 09/07/2010, 09/11/2006, 09/11/2000, 09/04/1991, 09/23/1986, 09/16/1985.

**Population Assessment:** 09/02/2014, 09/03/2013, 09/04/2012, 09/06/2011, 09/08/2009, 09/02/2008, 09/10/2007, 09/12/2005, 09/07/2004, 09/08/2003, 09/09/2002, 09/10/2001, 08/30/1999, 08/31/1998, 09/02/1997, 09/03/1996, 09/05/1995, 09/06/1994, 09/07/1993, 09/01/1992, 09/13/1988, 09/08/1987, 10/05/1981.

**Special Assessment:** 04/29/2013, 03/20/2012, 04/25/2011, 07/28/2010, 05/20/2010, 04/21/2009, 05/01/2008, 05/10/2007, 04/16/2007, 09/25/2000, 09/08/1999, 10/21/1997.

**Dissolved Oxygen Check:** 01/03/2014, 01/08/2013, 12/28/2012, 02/16/2012, 02/24/2010.

**Current Water Level**

Station ID	Date	Level	Reading (feet)	Reading Type
BM - 1	09/03/2014	Normal	-2.10	Above or below Benchmark

**Benchmark and Gauge Descriptions / Locations**

Station ID	Location Description
BM - 1	Top of concrete abutment at dam outlet.

**Water Level History - Readings**

Station ID	Date	Level	Reading (feet)	Reading Type
BM - 1	09/03/2014	Normal	-2.10	Above or below Benchmark
	09/06/2013	Low	-2.80	Above or below Benchmark
	09/04/2012	Low	-2.70	Above or below Benchmark
	09/07/2011	Low	-2.60	Above or below Benchmark
	09/10/2010	Normal	-1.80	Above or below Benchmark
	09/05/2009	N/A	N/A	Above or below Benchmark
	09/05/2008	N/A	-2.20	Above or below Benchmark
	09/10/2007	Normal	-0.90	Above or below Benchmark
	09/12/2006	Normal	-2.10	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	-2.80	09/06/2013	-0.90	09/10/2007	1.90	-2.15	Above or below Benchmark (8)

**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	09/02/2014	17.6	Surface	73.9	6.4
			2.0	73.9	6.3
			4.0	73.9	6.3
			6.0	73.9	6.3
			8.0	37.9	6.2
			10.0	73.9	6.0
			12.0	73.9	6.0
			14.0	73.9	6.0
			16.0	73.9	6.0
			17.0	73.9	6.0

**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	09/02/2014	Surface	2.2	N/A	170	Green	Algae

**Net Catch Summary by Numbers for GN**

Standard gill net sets

Number of Sets: 6  
 First Set Date: 09/02/2014  
 Last Lift Date: 09/05/2014  
 Target Species: N/A

Abbr	Species	Total Fish	Number Per Set	Quartiles for Lake Class 24*		
				25%	50%	75%
BIB	Bigmouth Buffalo	265	44.17	0.25	0.55	1.69
BLB	Black Bullhead	1	0.17	2.50	10.46	44.95
BLC	Black Crappie	41	6.83	2.50	6.91	16.50
CCF	Channel Catfish	13	2.17	N/A	N/A	N/A
CAP	Common Carp	2	0.33	0.33	1.00	3.00
FRD	Freshwater Drum	255	42.50	4.00	11.75	32.25
WAE	Walleye	34	5.67	1.17	2.82	6.33
YEP	Yellow Perch	150	25.00	2.00	10.50	27.94
Total Fish/Set:			126.83	* 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 24*		
					25%	50%	75%
BIB	Bigmouth Buffalo	49.74	8.29	0.19	N/A	N/A	N/A
BLB	Black Bullhead	0.74	0.12	0.74	0.29	0.44	0.66
BLC	Black Crappie	12.77	2.13	0.31	0.15	0.20	0.26
CCF	Channel Catfish	69.57	11.59	5.35	N/A	N/A	N/A
CAP	Common Carp	15.88	2.65	7.94	1.87	3.41	5.24
FRD	Freshwater Drum	183.00	30.50	0.72	0.25	0.50	1.13
WAE	Walleye	40.78	6.80	1.20	1.20	1.81	2.69
YEP	Yellow Perch	34.46	5.74	0.23	0.10	0.13	0.18
Total Pounds Fish/Set:			67.82	* Quartiles for Mean Weight			

**Net Catch Summary by Numbers for TN**

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

Number of Sets: 12  
 First Set Date: 09/02/2014  
 Last Lift Date: 09/05/2014  
 Target Species: N/A

Abbr	Species	Total Fish	Number Per Set	Quartiles for Lake Class 24*		
				25%	50%	75%
BIB	Bigmouth Buffalo	13	1.08	0.20	0.25	0.75
BLC	Black Crappie	83	6.92	1.83	6.50	21.16
BLG	Bluegill	8	0.67	7.54	23.13	62.50
CCF	Channel Catfish	7	0.58	N/A	N/A	N/A
CAP	Common Carp	24	2.00	0.38	0.74	2.00
FRD	Freshwater Drum	277	23.08	0.50	1.17	4.19
LMB	Largemouth Bass	1	0.08	0.20	0.33	0.67
MUE	Muskellunge	2	0.17	0.35	0.43	0.52
WAE	Walleye	15	1.25	0.27	0.60	1.24
YEB	Yellow Bullhead	1	0.08	0.88	2.15	5.68
YEP	Yellow Perch	19	1.58	0.25	0.60	1.67
Total Fish/Set:			37.50	* 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 24*		
					25%	50%	75%
BIB	Bigmouth Buffalo	2.76	0.23	0.21	2.50	4.13	5.65
BLC	Black Crappie	20.63	1.72	0.25	0.18	0.24	0.33
BLG	Bluegill	3.14	0.26	0.39	0.13	0.18	0.25
CCF	Channel Catfish	44.93	3.74	6.42	N/A	N/A	N/A
CAP	Common Carp	211.90	17.66	8.83	2.58	4.07	6.02
FRD	Freshwater Drum	381.50	31.79	1.38	0.43	0.79	1.21
LMB	Largemouth Bass	0.09	0.01	0.09	0.15	0.31	0.91
MUE	Muskellunge	43.14	3.59	21.57	1.45	3.14	6.96
WAE	Walleye	46.10	3.84	3.07	0.80	1.50	2.78
YEB	Yellow Bullhead	1.06	0.09	1.06	0.50	0.67	0.84
YEP	Yellow Perch	4.59	0.38	0.24	0.10	0.13	0.20
Total Pounds Fish/Set:			63.32	* Quartiles for Mean Weight			

**Length Frequency Distribution For GN**

**Standard gill net sets**

(Field work conducted between 09/02/2014 and 09/05/2014)

	<u>BIB</u>	<u>BLB</u>	<u>BLC</u>	<u>CAP</u>	<u>CCF</u>	<u>FRD</u>	<u>WAE</u>	<u>YEP</u>
< 3.00	-	-	-	-	-	-	-	-
3.00 - 3.49	-	-	2	-	-	-	-	-
3.50 - 3.99	-	-	13	-	-	-	-	-
4.00 - 4.49	6	-	11	-	-	-	-	-
4.50 - 4.99	55	-	-	-	-	4	-	-
5.00 - 5.49	35	-	-	-	-	20	-	-
5.50 - 5.99	133	-	-	-	-	42	-	-
6.00 - 6.49	32	-	-	-	-	-	-	-
6.50 - 6.99	2	-	-	-	-	-	-	2
7.00 - 7.49	-	-	4	-	-	-	-	25
7.50 - 7.99	-	-	3	-	-	-	-	56
8.00 - 8.49	-	-	1	-	-	-	-	61
8.50 - 8.99	-	-	-	-	-	21	-	5
9.00 - 9.49	-	-	-	-	-	24	-	-
9.50 - 9.99	-	-	-	-	-	1	1	-
10.00 - 10.49	-	-	-	-	-	-	3	-
10.50 - 10.99	-	-	-	-	-	-	-	-
11.00 - 11.49	-	-	-	-	-	-	7	-
11.50 - 11.99	-	1	-	-	-	-	6	-
12.00 - 12.99	-	-	3	-	-	19	6	-
13.00 - 13.99	-	-	3	-	-	70	1	-
14.00 - 14.99	-	-	-	-	-	25	-	-
15.00 - 15.99	-	-	-	-	-	17	-	-
16.00 - 16.99	-	-	-	-	-	7	-	-
17.00 - 17.99	-	-	-	-	-	4	-	-
18.00 - 18.99	-	-	-	-	-	-	-	-
19.00 - 19.99	-	-	-	-	-	-	6	-
20.00 - 20.99	-	-	-	-	1	-	2	-
21.00 - 21.99	-	-	-	-	-	-	1	-
22.00 - 22.99	-	-	-	-	-	-	-	-
23.00 - 23.99	-	-	-	1	1	-	-	-
24.00 - 24.99	-	-	-	-	5	-	-	-
25.00 - 25.99	1	-	-	-	3	-	-	-
26.00 - 26.99	1	-	-	-	1	-	-	-
27.00 - 27.99	-	-	-	-	-	-	-	-
28.00 - 28.99	-	-	-	1	2	-	-	-
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>FRD</u>	<u>WAE</u>	<u>YEP</u>
Total	265	1	40	2	13	254	33	149
Min. Length	4.41	11.89	3.35	23.27	20.39	4.76	9.96	6.93
Max. Length	26.30	11.89	13.58	28.50	28.66	17.95	21.42	8.78
Mean Length	5.72	11.89	6.26	25.89	24.97	10.87	13.88	7.84
# Measured	119	1	36	2	13	195	33	86
No Lengths for	146	0	5	0	0	60	1	64

**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

**STANDARD LAKE SURVEY REPORT**  
**POPULATION ASSESSMENT DATED 09/02/2014 FOR DOW NUMBER 46-0109-00**

**DRAFT**

**Length Frequency Distribution For TN (for fish < 36.00 inches)**

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

(Field work conducted between 09/02/2014 and 09/05/2014)

	<u>BIB</u>	<u>BLC</u>	<u>BLG</u>	<u>CAP</u>	<u>CCF</u>	<u>FRD</u>	<u>LMB</u>	<u>MUE</u>	<u>WAE</u>	<u>YEB</u>	<u>YEP</u>
< 3.00	-	-	-	-	-	-	-	-	-	-	-
3.00 - 3.49	-	3	-	-	-	-	-	-	-	-	-
3.50 - 3.99	-	35	-	-	-	-	-	-	-	-	-
4.00 - 4.49	-	7	-	-	-	-	-	-	-	-	-
4.50 - 4.99	1	-	3	-	-	-	-	-	-	-	-
5.00 - 5.49	4	-	-	-	-	-	1	-	-	-	1
5.50 - 5.99	6	-	-	-	-	3	-	-	-	-	-
6.00 - 6.49	-	1	1	-	-	-	-	-	-	-	-
6.50 - 6.99	-	1	-	-	-	-	-	-	1	-	1
7.00 - 7.49	-	14	1	-	-	-	-	-	-	-	1
7.50 - 7.99	-	7	-	-	-	-	-	-	-	-	4
8.00 - 8.49	-	1	-	-	-	3	-	-	-	-	8
8.50 - 8.99	-	-	2	-	-	1	-	-	-	-	4
9.00 - 9.49	-	-	-	-	-	-	-	-	-	-	-
9.50 - 9.99	-	-	1	-	-	-	-	-	-	-	-
10.00 - 10.49	-	2	-	-	-	-	-	-	-	-	-
10.50 - 10.99	-	1	-	-	-	-	-	-	-	-	-
11.00 - 11.49	-	5	-	-	-	-	-	-	1	-	-
11.50 - 11.99	-	1	-	-	-	-	-	-	1	1	-
12.00 - 12.99	-	5	-	-	-	3	-	-	-	-	-
13.00 - 13.99	1	-	-	-	-	50	-	-	-	-	-
14.00 - 14.99	-	-	-	-	-	73	-	-	-	-	-
15.00 - 15.99	-	-	-	-	-	65	-	-	-	-	-
16.00 - 16.99	-	-	-	-	-	57	-	-	-	-	-
17.00 - 17.99	-	-	-	-	-	18	-	-	-	-	-
18.00 - 18.99	-	-	-	-	-	1	-	-	4	-	-
19.00 - 19.99	-	-	-	-	-	2	-	-	1	-	-
20.00 - 20.99	-	-	-	-	-	-	-	-	1	-	-
21.00 - 21.99	-	-	-	-	-	-	-	-	2	-	-
22.00 - 22.99	-	-	-	4	-	-	-	-	-	-	-
23.00 - 23.99	-	-	-	4	1	-	-	-	1	-	-
24.00 - 24.99	-	-	-	4	1	-	-	-	1	-	-
25.00 - 25.99	-	-	-	1	2	-	-	-	1	-	-
26.00 - 26.99	-	-	-	3	2	-	-	-	-	-	-
27.00 - 27.99	-	-	-	3	-	-	-	-	-	-	-
28.00 - 28.99	-	-	-	2	1	-	-	-	-	-	-
29.00 - 29.99	-	-	-	1	-	-	-	-	-	-	-
30.00 - 30.99	-	-	-	-	-	-	-	-	-	-	-
31.00 - 31.99	-	-	-	1	-	-	-	-	-	-	-
32.00 - 32.99	-	-	-	-	-	-	-	-	-	-	-
33.00 - 33.99	-	-	-	1	-	-	-	-	-	-	-
34.00 - 34.99	-	-	-	-	-	-	-	-	-	-	-
35.00 - 35.99	-	-	-	-	-	-	-	-	-	-	-
= > 36.00	-	-	-	-	-	-	-	2	-	-	-
	<u>BIB</u>	<u>BLC</u>	<u>BLG</u>	<u>CAP</u>	<u>CCF</u>	<u>FRD</u>	<u>LMB</u>	<u>MUE</u>	<u>WAE</u>	<u>YEB</u>	<u>YEP</u>
Total	12	83	8	24	7	276	1	2	14	1	19
Min. Length	4.84	3.43	4.65	22.01	23.43	5.63	5.47	36.77	6.93	11.97	5.20
Max. Length	13.11	12.64	9.69	33.15	28.90	19.41	5.47	49.25	25.00	11.97	8.78
Mean Length	6.06	6.14	6.87	25.77	25.75	14.93	5.47	43.01	18.63	11.97	7.96
# Measured	11	83	8	24	7	220	1	2	13	1	19
No Lengths for	2	0	0	0	0	57	0	0	2	0	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 (for fish  $\geq$  36.00 inches)**

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

(Field work conducted between 09/02/2014 and 09/05/2014)

	<u>BIB</u>	<u>BLC</u>	<u>BLG</u>	<u>CAP</u>	<u>CCF</u>	<u>FRD</u>	<u>LMB</u>	<u>MUE</u>	<u>WAE</u>	<u>YEB</u>	<u>YEP</u>
< 36.00	12	83	8	24	7	277	1	-	15	1	19
36.00 - 36.99	-	-	-	-	-	-	-	1	-	-	-
37.00 - 37.99	-	-	-	-	-	-	-	-	-	-	-
38.00 - 38.99	-	-	-	-	-	-	-	-	-	-	-
39.00 - 39.99	-	-	-	-	-	-	-	-	-	-	-
40.00 - 40.99	-	-	-	-	-	-	-	-	-	-	-
41.00 - 41.99	-	-	-	-	-	-	-	-	-	-	-
42.00 - 42.99	-	-	-	-	-	-	-	-	-	-	-
43.00 - 43.99	-	-	-	-	-	-	-	-	-	-	-
44.00 - 44.99	-	-	-	-	-	-	-	-	-	-	-
45.00 - 45.99	-	-	-	-	-	-	-	-	-	-	-
46.00 - 46.99	-	-	-	-	-	-	-	-	-	-	-
47.00 - 47.99	-	-	-	-	-	-	-	-	-	-	-
48.00 - 48.99	-	-	-	-	-	-	-	-	-	-	-
49.00 - 49.99	-	-	-	-	-	-	-	1	-	-	-
50.00 - 50.99	-	-	-	-	-	-	-	-	-	-	-
51.00 - 51.99	-	-	-	-	-	-	-	-	-	-	-
52.00 - 52.99	-	-	-	-	-	-	-	-	-	-	-
53.00 - 53.99	-	-	-	-	-	-	-	-	-	-	-
54.00 - 54.99	-	-	-	-	-	-	-	-	-	-	-
55.00 - 55.99	-	-	-	-	-	-	-	-	-	-	-
56.00 - 56.99	-	-	-	-	-	-	-	-	-	-	-
57.00 - 57.99	-	-	-	-	-	-	-	-	-	-	-
58.00 - 58.99	-	-	-	-	-	-	-	-	-	-	-
59.00 - 59.99	-	-	-	-	-	-	-	-	-	-	-
60.00 - 60.99	-	-	-	-	-	-	-	-	-	-	-
61.00 - 61.99	-	-	-	-	-	-	-	-	-	-	-
62.00 - 62.99	-	-	-	-	-	-	-	-	-	-	-
63.00 - 63.99	-	-	-	-	-	-	-	-	-	-	-
64.00 - 64.99	-	-	-	-	-	-	-	-	-	-	-
65.00 - 65.99	-	-	-	-	-	-	-	-	-	-	-
66.00 - 66.99	-	-	-	-	-	-	-	-	-	-	-
67.00 - 67.99	-	-	-	-	-	-	-	-	-	-	-
68.00 - 68.99	-	-	-	-	-	-	-	-	-	-	-
69.00 - 69.99	-	-	-	-	-	-	-	-	-	-	-
70.00 - 70.99	-	-	-	-	-	-	-	-	-	-	-
71.00 - 71.99	-	-	-	-	-	-	-	-	-	-	-
72.00 - 72.99	-	-	-	-	-	-	-	-	-	-	-
73.00 - 73.99	-	-	-	-	-	-	-	-	-	-	-
74.00 - 74.99	-	-	-	-	-	-	-	-	-	-	-
75.00 - 75.99	-	-	-	-	-	-	-	-	-	-	-
76.00 - 76.99	-	-	-	-	-	-	-	-	-	-	-
77.00 - 77.99	-	-	-	-	-	-	-	-	-	-	-
= > 78.00	-	-	-	-	-	-	-	-	-	-	-

	<u>BIB</u>	<u>BLC</u>	<u>BLG</u>	<u>CAP</u>	<u>CCF</u>	<u>FRD</u>	<u>LMB</u>	<u>MUE</u>	<u>WAE</u>	<u>YEB</u>	<u>YEP</u>
Total	12	83	8	24	7	277	1	2	15	1	19
Min. Length	4.84	3.43	4.65	22.01	23.43	5.63	5.47	36.77	6.93	11.97	5.20
Max. Length	13.11	12.64	9.69	33.15	28.90	19.41	5.47	49.25	25.00	11.97	8.78
Mean Length	6.06	6.14	6.87	25.77	25.75	14.93	5.47	43.01	18.63	11.97	7.96
# Measured	11	83	8	24	7	220	1	2	13	1	19
No Lengths for	2	0	0	0	0	57	0	0	2	0	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



**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	3	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 09/08/2014), 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 )

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**Lake Name: Fox**

**Survey Type: Population Assessment**

**DOW Number: 46-0109-00**

**Survey ID Date: 09/02/2014**

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**Survey Status:** Field Work Complete

The following 18 (of 31) report components are not included in this report:

1. Water Level History<sup>1</sup>
2. Lake Inlets
3. Additional Inlet Information
4. Lake Outlets
5. Additional Outlet Information
6. Water Control Structure (Dam)
7. Surrounding Watershed Characteristics, Shoreline Characteristics, and Riparian Landscape Observations<sup>2</sup>
8. Resorts And Campgrounds
9. Fish Spawning Conditions
10. Erosion And Pollution
11. Fish Diseases And Parasites
12. Aquatic Vegetation And Shoalwater Substrates
13. Laboratory Analysis Of Water Chemistry
14. Length At Capture With Last Incremental Length\*
15. Back-Calculated Lengths
16. Age Class Frequency Distributions
17. Status Of Fishery And Field Notes
18. Water Quality (Winter Observations) (added to revision 01/21/2010)

<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 Standard 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 09/08/2014 may not be reflected in the Distribution tables until after 12:30 pm on 09/08/2014.**