



Minnesota Department of Natural Resources
 Fisheries Management
 STANDARD LAKE SURVEY REPORT



Lake Name: Gorman

Survey Type: Population Assessment

DOW Number: 40-0032-00

Survey ID Date: 07/06/2009

Lake Identification

Alternate Lake Name: N/A
 Primary Lake Class ID: 43

DNR Sounding Map Number: C1532
 Alternate Lake Class ID: 43

Lake Location

Primary County: Le Sueur

Nearest Town: Le Center

Legal Descriptions

Lake Center: Township - 110N Range - 24W Section - 12
 PLS Section Lake Center: 11002412

All Legal Descriptions:

Le Sueur County: Township - 110N Range - 24W Sections - 11, 12, 13, 14

Area Office

Area Name: Waterville
 Region Name: Southern

ORG Code: F417
 Region Number: 4

Lake Access

(Information based on Re-Survey dated 07/19/2004)

Station ID	Ownership	Public Use	Type	Location / Comments
AC - 1	DNR	Open to Public use	Concrete	SOUTH SHORE- STATE OWNED.

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

Lake Characteristics

Lake Area (planimetered acres): 499.00	GIS Shoreline Length (miles): 4.90
GIS Lake Area (acres): 521.11	Maximum Fetch (miles): 1.00
DOW Lake Area (acres): 590.00	Fetch Orientation (degrees): 22
Littoral Area (acres): 499.00	USGS Quad Map Number: U15c
Area in MN (acres): 521.11	USGS Quad 24K GIS Index: 4129
Maximum Depth (feet): 14.0	
Mean Depth (feet): N/A	

Watershed Characteristics

Major Watershed

Name: Cannon River
 Watershed Number: 39
 Watershed size (acres): 940,540

Minor Watershed

Name: Cannon R
 Watershed Number: 103
 Watershed size (acres): 22,872

STANDARD LAKE SURVEY REPORT
POPULATION ASSESSMENT DATED 07/06/2009 FOR DOW NUMBER 40-0032-00

Surveys And Investigations

Initial Survey: 08/14/1968.
Re-Survey: 07/19/2004, 06/28/1999, 07/18/1994, 07/31/1989, 07/05/1983, 11/30/1970.
Population Assessment: 07/06/2009, 06/18/1992.
Special Assessment: 10/09/2006, 09/26/2005, 09/28/2004, 10/07/2003, 10/09/2002, 11/01/2001, 10/02/2000,
10/13/1999, 10/21/1998, 09/24/1997, 10/07/1996, 07/11/1955.
Dissolved Oxygen Check: 01/11/2010.
Natural Reproduction Check: 10/25/2007.

Dissolved Oxygen And Temperature Profile Of Lake Water

<u>Station ID</u>	<u>Sampling Date</u>	<u>Bottom Depth (Feet)</u>	<u>Sample Depth (Feet)</u>	<u>Water Temperature (°F)</u>	<u>Dissolved Oxygen (ppm)</u>
WQ - 1	07/06/2009	N/A	Surface	75.2	14.4
			3.0	75.0	13.5
			6.0	74.7	11.2
			7.0	73.2	7.6
			8.0	72.7	6.0
			9.0	72.1	4.1
			10.0	71.6	2.8
			11.0	71.2	1.8

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	07/06/2009	Surface	N/A	N/A	N/A	N/A	N/A

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Net Catch Summary by Numbers for GN

Standard gill net sets

Number of Sets: 6
First Set Date: 07/06/2009
Last Lift Date: 07/09/2009
Target Species: N/A

Abbr	Species	Total Fish	Number Per Set	Quartiles for Lake Class 43*		
				25%	50%	75%
BIB	Bigmouth Buffalo	1	0.17	0.75	2.58	6.96
BLB	Black Bullhead	31	5.17	30.34	75.58	150.62
BLC	Black Crappie	1	0.17	1.41	3.71	13.75
BLG	Bluegill	36	6.00	N/A	N/A	N/A
BOF	Bowfin (Dogfish)	5	0.83	0.17	0.35	0.54
CCF	Channel Catfish	1	0.17	N/A	N/A	N/A
FRD	Freshwater Drum	37	6.17	0.50	2.56	8.33
NOP	Northern Pike	20	3.33	1.08	3.00	8.00
WAE	Walleye	26	4.33	2.28	6.83	18.06
WHB	White Bass	38	6.33	0.28	5.50	9.94
WTS	White Sucker	4	0.67	0.81	2.33	6.50
YEB	Yellow Bullhead	7	1.17	0.50	1.50	3.50
YEP	Yellow Perch	104	17.33	2.65	8.00	25.00
Total Fish/Set:			51.83	* 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 43*		
					25%	50%	75%
BIB	Bigmouth Buffalo	3.87	0.65	3.87	N/A	N/A	N/A
BLB	Black Bullhead	36.68	6.11	1.18	0.17	0.26	0.39
BLC	Black Crappie	0.08	0.01	0.08	0.16	0.25	0.35
BLG	Bluegill	9.96	1.66	0.28	N/A	N/A	N/A
BOF	Bowfin (Dogfish)	28.61	4.77	5.72	1.79	2.58	3.05
CCF	Channel Catfish	10.47	1.75	10.47	N/A	N/A	N/A
FRD	Freshwater Drum	60.35	10.06	1.63	0.40	0.82	1.67
NOP	Northern Pike	83.12	13.85	4.16	1.82	2.50	3.35
WAE	Walleye	31.71	5.29	1.22	1.01	1.53	2.30
WHB	White Bass	47.42	7.90	1.25	N/A	N/A	N/A
WTS	White Sucker	4.41	0.74	1.10	0.93	1.58	2.02
YEB	Yellow Bullhead	10.87	1.81	1.55	0.31	0.53	0.73
YEP	Yellow Perch	33.10	5.52	0.32	0.13	0.21	0.31
Total Pounds Fish/Set:			60.11	* Quartiles for Mean Weight			

STANDARD LAKE SURVEY REPORT
POPULATION ASSESSMENT DATED 07/06/2009 FOR DOW NUMBER 40-0032-00

Net Catch Summary by Numbers for TN

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

Number of Sets: 9
 First Set Date: 07/06/2009
 Last Lift Date: 07/10/2009
 Target Species: N/A

Abbr	Species	Total Fish	Number Per Set	Quartiles for Lake Class 43*		
				25%	50%	75%
BIB	Bigmouth Buffalo	1	0.11	0.17	0.38	1.04
BLB	Black Bullhead	17	1.89	11.50	42.00	132.61
BLG	Bluegill	16	1.78	1.17	3.89	20.00
BOF	Bowfin (Dogfish)	21	2.33	0.33	0.50	0.92
CAP	Common Carp	4	0.44	1.00	2.44	5.51
FRD	Freshwater Drum	41	4.56	0.23	0.92	3.25
HSF	Hybrid Sunfish	1	0.11	N/A	N/A	N/A
LMB	Largemouth Bass	2	0.22	0.23	0.38	0.67
NOP	Northern Pike	2	0.22	N/A	N/A	N/A
PMK	Pumpkinseed	1	0.11	0.26	1.35	4.92
WAE	Walleye	1	0.11	0.50	1.33	2.95
WHB	White Bass	1	0.11	0.17	0.37	0.70
YEB	Yellow Bullhead	1	0.11	0.50	1.13	2.50
Total Fish/Set:			12.11	* 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 43*		
					25%	50%	75%
BIB	Bigmouth Buffalo	4.60	0.51	4.60	2.56	3.75	5.83
BLB	Black Bullhead	19.82	2.20	1.17	0.18	0.28	0.40
BLG	Bluegill	3.92	0.44	0.25	0.13	0.24	0.39
BOF	Bowfin (Dogfish)	77.02	8.56	3.67	2.71	3.31	3.78
CAP	Common Carp	13.84	1.54	3.46	1.42	2.92	4.58
FRD	Freshwater Drum	79.55	8.84	1.94	0.28	0.60	0.95
HSF	Hybrid Sunfish	0.03	0.00	0.03	N/A	N/A	N/A
LMB	Largemouth Bass	3.89	0.43	1.95	0.30	0.85	1.53
NOP	Northern Pike	7.72	0.86	3.86	N/A	N/A	N/A
PMK	Pumpkinseed	0.20	0.02	0.20	0.08	0.12	0.20
WAE	Walleye	1.98	0.22	1.98	0.82	1.44	2.28
WHB	White Bass	1.84	0.20	1.84	0.23	0.35	0.60
YEB	Yellow Bullhead	1.56	0.17	1.56	0.31	0.48	0.67
Total Pounds Fish/Set:			24.00	* Quartiles for Mean Weight			

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Length Frequency Distribution For GN

Standard gill net sets

(Field work conducted between 07/06/2009 and 07/09/2009)

	<u>BIB</u>	<u>BLB</u>	<u>BLC</u>	<u>BLG</u>	<u>BOF</u>	<u>CCF</u>	<u>FRD</u>	<u>NOP</u>	<u>WAE</u>	<u>WHB</u>	<u>WTS</u>	<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	-	-	1	-	-	-	-	-	-	-	-	-	-
5.50 - 5.99	-	-	-	-	-	-	-	-	-	-	-	-	10
6.00 - 6.49	-	-	-	7	-	-	-	-	-	-	-	-	6
6.50 - 6.99	-	-	-	13	-	-	-	-	-	-	-	-	13
7.00 - 7.49	-	-	-	13	-	-	-	-	-	-	-	-	3
7.50 - 7.99	-	-	-	1	-	-	-	-	2	-	-	-	1
8.00 - 8.49	-	-	-	1	-	-	-	-	4	-	-	-	6
8.50 - 8.99	-	-	-	-	-	-	-	-	1	-	-	-	17
9.00 - 9.49	-	-	-	-	-	-	-	-	-	-	-	-	26
9.50 - 9.99	-	-	-	1	-	-	-	-	-	-	-	-	14
10.00 - 10.49	-	3	-	-	-	-	-	-	2	-	-	-	2
10.50 - 10.99	-	1	-	-	-	-	-	-	-	2	-	1	2
11.00 - 11.49	-	1	-	-	-	-	-	-	-	-	-	-	2
11.50 - 11.99	-	2	-	-	-	-	-	-	1	1	-	-	1
12.00 - 12.99	-	12	-	-	-	-	-	-	1	2	-	2	-
13.00 - 13.99	-	9	-	-	-	-	6	-	2	18	-	2	-
14.00 - 14.99	-	2	-	-	-	-	10	-	4	9	1	-	-
15.00 - 15.99	-	1	-	-	-	-	9	-	1	6	2	1	-
16.00 - 16.99	-	-	-	-	-	-	6	-	2	-	-	-	-
17.00 - 17.99	-	-	-	-	-	-	4	-	1	-	-	-	-
18.00 - 18.99	1	-	-	-	-	-	1	1	-	-	-	1	-
19.00 - 19.99	-	-	-	-	-	-	1	2	2	-	-	-	-
20.00 - 20.99	-	-	-	-	-	-	-	-	-	-	-	-	-
21.00 - 21.99	-	-	-	-	1	-	-	1	1	-	-	-	-
22.00 - 22.99	-	-	-	-	-	-	-	3	1	-	-	-	-
23.00 - 23.99	-	-	-	-	2	-	-	-	-	-	-	-	-
24.00 - 24.99	-	-	-	-	-	-	-	1	1	-	-	-	-
25.00 - 25.99	-	-	-	-	-	-	-	1	-	-	-	-	-
26.00 - 26.99	-	-	-	-	-	-	-	2	-	-	-	-	-
27.00 - 27.99	-	-	-	-	-	1	-	1	-	-	-	-	-
28.00 - 28.99	-	-	-	-	1	-	-	3	-	-	-	-	-
29.00 - 29.99	-	-	-	-	1	-	-	1	-	-	-	-	-
30.00 - 30.99	-	-	-	-	-	-	-	-	-	-	-	-	-
31.00 - 31.99	-	-	-	-	-	-	-	2	-	-	-	-	-
32.00 - 32.99	-	-	-	-	-	-	-	-	-	-	-	-	-
33.00 - 33.99	-	-	-	-	-	-	-	-	-	-	-	-	-
34.00 - 34.99	-	-	-	-	-	-	-	2	-	-	-	-	-
35.00 - 35.99	-	-	-	-	-	-	-	-	-	-	-	-	-
= > 36.00	-	-	-	-	-	-	-	-	-	-	-	-	-

	<u>BIB</u>	<u>BLB</u>	<u>BLC</u>	<u>BLG</u>	<u>BOF</u>	<u>CCF</u>	<u>FRD</u>	<u>NOP</u>	<u>WAE</u>	<u>WHB</u>	<u>WTS</u>	<u>YEB</u>	<u>YEP</u>
Total	1	31	1	36	5	1	37	20	26	38	3	7	103
Min. Length	18.78	10.16	5.20	6.10	21.65	27.95	13.07	18.19	7.56	10.51	14.06	10.91	5.63
Max. Length	18.78	15.16	5.20	9.57	29.65	27.95	19.17	34.65	24.09	15.98	15.94	18.03	11.57
Mean Length	18.78	12.65	5.20	7.00	25.31	27.95	15.38	26.17	14.21	13.80	15.20	13.67	8.46
# Measured	1	31	1	36	5	1	37	20	24	38	3	7	99
No Lengths for	0	0	0	0	0	0	0	0	2	0	1	0	5

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

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POPULATION ASSESSMENT DATED 07/06/2009 FOR DOW NUMBER 40-0032-00

Length Frequency Distribution For TN

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

(Field work conducted between 07/06/2009 and 07/09/2009)

	<u>BIB</u>	<u>BLB</u>	<u>BLG</u>	<u>BOF</u>	<u>CAP</u>	<u>FRD</u>	<u>HSF</u>	<u>LMB</u>	<u>NOP</u>	<u>PMK</u>	<u>WAE</u>	<u>WHB</u>	<u>YEB</u>
< 3.00	-	-	-	-	-	-	-	-	-	-	-	-	-
3.00 - 3.49	-	-	1	-	-	-	1	-	-	-	-	-	-
3.50 - 3.99	-	-	-	-	-	-	-	-	-	-	-	-	-
4.00 - 4.49	-	-	-	-	-	-	-	-	-	-	-	-	-
4.50 - 4.99	-	-	-	-	-	-	-	-	-	-	-	-	-
5.00 - 5.49	-	-	-	-	-	-	-	-	-	-	-	-	-
5.50 - 5.99	-	-	1	-	-	-	-	-	-	-	-	-	-
6.00 - 6.49	-	-	2	-	-	-	-	-	1	-	-	-	-
6.50 - 6.99	-	-	3	-	-	-	-	-	-	-	-	-	-
7.00 - 7.49	-	-	9	-	-	-	-	-	-	-	-	-	-
7.50 - 7.99	-	-	-	-	-	-	-	-	-	-	-	-	-
8.00 - 8.49	-	-	-	-	-	-	-	-	-	-	-	-	-
8.50 - 8.99	-	-	-	-	-	-	-	-	-	-	-	-	-
9.00 - 9.49	-	-	-	-	-	-	-	-	-	-	-	-	-
9.50 - 9.99	-	-	-	-	-	-	-	-	-	-	-	-	-
10.00 - 10.49	-	-	-	-	-	-	-	-	-	-	-	-	-
10.50 - 10.99	-	1	-	-	-	-	-	-	-	-	-	-	-
11.00 - 11.49	-	1	-	-	-	-	-	-	-	-	-	-	-
11.50 - 11.99	-	2	-	-	-	-	-	-	-	-	-	-	-
12.00 - 12.99	-	7	-	-	-	-	-	-	-	-	-	-	-
13.00 - 13.99	-	6	-	-	-	2	-	-	-	-	-	-	-
14.00 - 14.99	-	-	-	-	-	7	-	-	-	-	-	-	1
15.00 - 15.99	-	-	-	-	-	10	-	2	-	-	-	-	-
16.00 - 16.99	-	-	-	-	-	13	-	-	-	-	-	1	-
17.00 - 17.99	-	-	-	-	1	4	-	-	-	-	-	-	-
18.00 - 18.99	-	-	-	-	-	2	-	-	-	1	-	-	-
19.00 - 19.99	1	-	-	-	1	2	-	-	-	-	-	-	-
20.00 - 20.99	-	-	-	6	2	1	-	-	-	-	-	-	-
21.00 - 21.99	-	-	-	6	-	-	-	-	-	-	-	-	-
22.00 - 22.99	-	-	-	3	-	-	-	-	-	-	-	-	-
23.00 - 23.99	-	-	-	4	-	-	-	-	1	-	-	-	-
24.00 - 24.99	-	-	-	2	-	-	-	-	-	-	-	-	-
25.00 - 25.99	-	-	-	-	-	-	-	-	-	-	-	-	-
26.00 - 26.99	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-
33.00 - 33.99	-	-	-	-	-	-	-	-	-	-	-	-	-
34.00 - 34.99	-	-	-	-	-	-	-	-	-	-	-	-	-
35.00 - 35.99	-	-	-	-	-	-	-	-	-	-	-	-	-
= > 36.00	-	-	-	-	-	-	-	-	-	-	-	-	-

	<u>BIB</u>	<u>BLB</u>	<u>BLG</u>	<u>BOF</u>	<u>CAP</u>	<u>FRD</u>	<u>HSF</u>	<u>LMB</u>	<u>NOP</u>	<u>PMK</u>	<u>WAE</u>	<u>WHB</u>	<u>YEB</u>
Total	1	17	16	21	4	41	1	2	2	1	1	1	1
Min. Length	19.88	10.83	3.03	20.00	17.09	13.66	3.43	15.47	23.43	6.30	18.74	16.06	14.09
Max. Length	19.88	13.94	7.40	24.29	20.67	20.47	3.43	15.91	28.78	6.30	18.74	16.06	14.09
Mean Length	19.88	12.63	6.68	22.00	19.35	16.23	3.43	15.69	26.10	6.30	18.74	16.06	14.09
# Measured	1	17	16	21	4	41	1	2	2	1	1	1	1
No Lengths for	0	0	0	0	0	0	0	0	0	0	0	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

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Age Class Frequency Distribution

Species and Gear (1)	Number of Fish (2)			Number of Fish in Year Class ('yy) and Age Class															
	Aged	Keyed	Unaged	'09	'08	'07	'06	'05	'04	'03	'02	'01	'00	'99	'98	'97	'96	'95	<'95
				0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15+
Channel Catfish																			
GN	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

(1) Key to sampling gear abbreviations:

GN = Standard gill net sets

(2) Notes:

Number of Fish Aged: Fish that were aged from bony parts.

Number of Fish Keyed: Fish assigned an age with an age-length key or by expansion of mesh or station age distributions.

Number of Fish Unaged: Fish that were not aged and were not assigned an age.

Other Species

Gear Type (1)	Other Species (Gender) (2)	Total Num	Number Measured	Length (inches)			Number Weighed	Weight (pounds)		
				Min	Mean	Max		Min	Mean	Max
TN	Painted Turtle	22	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.

STANDARD LAKE SURVEY REPORT
POPULATION ASSESSMENT DATED 07/06/2009 FOR DOW NUMBER 40-0032-00

Survey Crew Notes

null

Region Signed by user 'Jabaciga' on 05/20/2010

Field Notes - General Field

Due to staffing and timing shortages, Gorman Lake fish scales were pressed to acetate slides but not read. They are cataloged and available if needed for aging and growth.

Discussion

Gorman Lake in Le Sueur County is a 499 acre lake southeast of the city of Le Center. A DNR-owned public access is located on the south shore of the lake off Dodd Road. A county-owned public access sits on the west shore of the lake off 205th avenue.

Gorman Lake was surveyed the week of July 6th, 2009 to monitor the fish community. Netting results turned up a little bit of everything; fourteen fish species were counted all at moderate levels. Yellow perch were the most abundant fish in the gill nets, at 15 fish per lift. Perch ranged from 5.6 to 11.6 inches in length and averaged 3 to a pound, a mean weight that exceeds the upper quartile for class 43 lakes.

Walleye abundance is at the highest level observed in fifteen years at just under 4 walleye per gill net lift. Walleye fry are stocked 3 of 4 years in Gorman Lake. Walleye size distribution is variable; fish range from 7.5 to 24 inches with an average of 14 inches.

Northern pike are modestly abundant at 3 fish per gill net lift. Like walleye, pike size distribution varies with fish ranging from 18 to 35 inches. Northern pike fry are stocked into a drainable wetland on the southwest end of the lake.

The most abundant fish in gill nets were yellow perch. Perch declined from 36 fish per gill net lift in 2004 to 15 fish in 2009. Perch averaged 8.5 inches, a "quality" stock index value. The largest perch was 11.6 inches.

Bluegills were not captured particularly well in trapnets. Gill nets averaged 5 fish per net while trapnets averaged 2. Average bluegill size was favorable at 7 inches, a value between "quality" and "preferred" in stock indices. Curiously, only one black crappie was captured. Historically black crappies have always maintained a low level of abundance on Gorman, but never to a nearly undetectable level.

White bass averaged 5 fish per gill net lift. Nearly all white bass were between 13 and 14 inches, indicating a strong year class (fish were unaged). Other fish observed in the survey include bigmouth buffalo, black bullhead, bowfin (dogfish), common carp, freshwater drum, hybrid sunfish, pumpkinseed, and yellow bullhead.

Anglers can help maintain or improve the quality of fishing by practicing selective harvest. Selective harvest allows for the harvest of smaller fish for table fare, but encourages release of medium- to large-sized fish. Releasing these fish can help maintain balance in the fish community in Gorman Lake and provide anglers the opportunity to catch more and larger fish in the future.

Shoreline areas on the land and into the shallow water provide essential habitat for fish and wildlife that live in or near Minnesota's lakes. Overdeveloped shorelines cannot support the fish, wildlife, and clean water that are associated with natural undeveloped lakes. Shoreline habitat consists of aquatic plants, woody plants, and natural lake bottom soils.

Plants in the water and at the water's edge provide habitat, prevent erosion, and absorb excess nutrients. Shrubs, trees, and woody debris such as fallen trees or limbs provide good habitat both above and below the water and should be left in place. By leaving a buffer strip of natural vegetation along the shoreline, property owners can reduce erosion, help maintain water quality, and provide habitat and travel corridors for wildlife.

STANDARD LAKE SURVEY REPORT
POPULATION ASSESSMENT DATED 07/06/2009 FOR DOW NUMBER 40-0032-00

Status Of The Fishery

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STANDARD LAKE SURVEY REPORT
POPULATION ASSESSMENT DATED 07/06/2009 FOR DOW NUMBER 40-0032-00

Approval Dates And Notices

Date Approved By Waterville Area Fisheries Supervisor: 05/14/2010

Date Approved By Southern Region Fisheries Manager: 05/20/2010



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Standard Lake Survey Report revision: 01/31/2011-RJE. Data Date: 02/11/2011 at 1:58 pm .

REPORT OVERVIEW - FOR OFFICE USE ONLY

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

Lake Name: Gorman

Survey Type: Population Assessment

DOW Number: 40-0032-00

Survey ID Date: 07/06/2009

Survey Status: Region Signed

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. Water Level History - Readings*
5. Water Level History - Station Summary*
6. Lake Inlets
7. Additional Inlet Information
8. Lake Outlets
9. Additional Outlet Information
10. Water Control Structure (Dam)
11. Surrounding Watershed Characteristics, Shoreline Characteristics, and Riparian Landscape Observations
12. Resorts And Campgrounds
13. Fish Spawning Conditions
14. Erosion And Pollution
15. Fish Diseases And Parasites
16. Aquatic Vegetation And Shoalwater Substrates
17. Laboratory Analysis Of Water Chemistry
18. Length At Capture With Last Incremental Length*
19. Back-Calculated Lengths
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 02/11/2011 may not be reflected in the Distribution tables until 02/12/2011.