

Fisheries Lake Survey**Name: Whitewater**

Nearest Town: Hoyt Lakes

Survey Date: 08/14/2012

Primary County: St. Louis

Inventory Number: 69037600

Public Access Information

Ownership	Type	Description
City	Concrete	

Lake Characteristics

Lake Area (acres): 1212.25

Dominant Bottom Substrate: N/ALittoral Area (acres): 564Abundance of Aquatic Plants: N/A

Maximum Depth (ft): 73

Maximum Depth of Plant Growth (ft): N/A

Water Clarity (ft): 19.0 (13-25)**Fish Sampled for the 2012 Survey Year**

Species	<u>Gear Used</u>	Number of fish per net		<u>Average Fish Weight</u> (lbs)	<u>Normal Range</u> (lbs)
		Caught	<u>Normal Range</u>		
<i>Black Bullhead</i>	Gill net	0.11	42.1 - 130.3	0.26	0.5 - 0.5
<u>Black Crappie</u>	Trap net	1.50	1.6 - 3.3	0.30	0.2 - 0.7
	Gill net	2.67	0.2 - 1.4	0.10	0.2 - 0.5
<u>Bluegill</u>	Trap net	21.50	0.8 - 8.7	0.17	0.1 - 0.3
	Gill net	13.44	N/A	0.21	N/A
<i>Brown Bullhead</i>	Gill net	0.11	9.4 - 25.8	1.58	0.4 - 0.5
<i>Burbot</i>	Gill net	0.11	0.1 - 1.3	1.52	0.5 - 1.5
<i>Channel Catfish</i>	Gill net	0.11	N/A	4.41	N/A
<i>Hybrid Sunfish</i>	Trap net	1.50	N/A	0.29	N/A
	Gill net	0.33	N/A	0.24	N/A
<u>Largemouth Bass</u>	Trap net	0.33	0.1 - 0.7	0.13	0.1 - 1.0
	Gill net	0.78	0.2 - 0.8	1.26	0.9 - 1.3
<u>Northern Pike</u>	Trap net	1.33	N/A	1.44	N/A
	<u>Gill net</u>	<u>6.33</u>	<u>1.2 - 3.6</u>	<u>1.92</u>	<u>1.9 - 3.6</u>
<i>Pumpkinseed</i>	Trap net	0.25	0.5 - 3.4	0.22	0.1 - 0.3
	Gill net	1.33	N/A	0.11	N/A
<u>Rock Bass</u>	Trap net	0.08	0.3 - 1.0	0.34	0.2 - 0.3
	Gill net	2.56	0.5 - 2.2	0.24	0.2 - 0.4
<u>Walleye</u>	Trap net	0.50	0.3 - 1.3	3.82	0.5 - 1.4
	<u>Gill net</u>	<u>8.44</u>	<u>3.1 - 9.8</u>	<u>1.44</u>	<u>0.7 - 1.3</u>
<i>White Sucker</i>	Trap net	0.83	0.3 - 3.0	2.87	1.8 - 2.8
	Gill net	2.89	2.8 - 6.7	1.65	1.3 - 2.0

<i>Yellow Bullhead</i>	Trap net	0.50	N/A	0.93	N/A
	Gill net	0.44	N/A	0.83	N/A
<i>Yellow Perch</i>	Trap net	0.50	0.4 - 1.9	0.37	0.1 - 0.3
	Gill net	4.78	1.9 - 7.1	0.18	0.1 - 0.3

Normal Ranges represent typical catches for lakes with similar physical and chemical characteristics.

Length of Selected Species (Trapnet, Gillnet) Sampled for the 2012 Survey Year

Species	Number of fish caught in each category (inches)								
	0-5	6-8	9-11	12-14	15-19	20-24	25-29	30+	Total
<i>black bullhead</i>	0	1	0	0	0	0	0	0	1
<i>black crappie</i>	17	20	4	1	0	0	0	0	42
<i>bluegill</i>	151	223	0	0	0	0	0	0	379
<i>brown bullhead</i>	0	0	0	1	0	0	0	0	1
<i>burbot</i>	0	0	0	0	1	0	0	0	1
<i>channel catfish</i>	0	0	0	0	0	1	0	0	1
<i>hybrid sunfish</i>	1	20	0	0	0	0	0	0	21
<i>largemouth bass</i>	3	3	1	3	1	0	0	0	11
<i>northern pike</i>	0	0	2	11	28	23	8	1	73
<i>pumpkinseed</i>	11	4	0	0	0	0	0	0	15
<i>rock bass</i>	4	20	0	0	0	0	0	0	24
<i>walleye</i>	0	6	14	13	38	8	3	0	82
<i>white sucker</i>	0	2	7	2	21	4	0	0	36
<i>yellow bullhead</i>	0	1	5	4	0	0	0	0	10
<i>yellow perch</i>	10	30	8	0	0	0	0	0	49

*For the record, the largest **Pink Salmon** taken in Minnesota weighed 4 lbs., 8 oz. and was caught:*

Where: Cascade River, Cook County

When: 9/9/89

Statistics: 23.5" length, 13.2" girth

Status of the Fishery (as of 08/14/2012)

Whitewater Lake is located 1 mile west of Hoyt Lakes. It has a surface area of 599 acres and a maximum depth of 73 ft. Public access is located at the municipal campground on the east side of the lake.

Whitewater Lake was impounded in 1955 for use as a water storage reservoir for the Erie Mining taconite operation to the north of adjacent Colby Lake. Formerly known as Partridge Lake, this impoundment increased the size and depth of Whitewater Lake and subjected it to greater annual water level fluctuations. The inlet/outlet control structure is controlled by Minnesota Power. Water losses through the dike due to groundwater seepage are substantial. Whitewater Lake receives sewage treatment effluent from Hoyt Lakes.

Walleye numbers in 2012 (8.4/gill net) were identical to the long term average for all assessments on this lake. The average walleye sampled was 15.2 inches long and about six years old. The growth rate was slower than average compared to other lakes in this class. The largest walleye sampled was 26.2". Walleye were not present in 1950 before the impoundment was created but were stocked periodically 1956 through 1984.

Northern pike numbers in 2012 (6.3/gill net) were higher than the long term average for all assessments on this lake. The average pike sampled was 19.8 inches long and about four years old. The growth rate was slower than average compared to other lakes in this class. The largest pike sampled was 33.4".

Bluegill numbers in 2012 (21.5/trap net) were higher than the long term average for all assessments on this lake. The average bluegill sampled was 5.9 inches long and about six years old. The growth rate was slower than average compared to other lakes in this class. The largest bluegill sampled was 8.9".

Black crappie (1.5/trap net), largemouth bass and yellow perch (4.8/gill net) were also sampled. One channel catfish was sampled. Channel catfish were previously sampled in 1968.

For more information on this lake, contact:

Area Fisheries Supervisor

650 Hwy 169
Tower, MN 55790
Phone: (218) 753-2580
Internet: [Tower Fisheries](http://TowerFisheries)
E-Mail: Tower.Fisheries@state.mn.us

Lake maps can be obtained from:

Minnesota Bookstore
660 Olive Street
St. Paul, MN 55155
(651) 297-3000 or (800) 657-3757
To order, use [B0376](#) for the map-id.

For general DNR Information, contact:

DNR Information Center
500 Lafayette Road
St. Paul, MN 55155-4040
TDD: (651) 296-6157 or (888) MINNDNR
Internet: www.dnr.state.mn.us
E-Mail: info.dnr@state.mn.us