

Lake Information Report

Name: ANN

Nearest Town: CHANHASSEN
Primary County: Carver

Survey Date: 06/26/95
Inventory Number: 10-0012-00

Public Access Information

Ownership	Type	Description
County	Concrete	IN CO PARK 1/2 MI W OF DOWNTOWN CHANHASSEN CITY PARKON NE SHORE

Lake Characteristics

Lake Area (acres): 116.00
Littoral Area (acres): 45.00
Maximum Depth (ft): 45.00
Water Clarity (ft): 7.75

Dominant Bottom Substrate: N/A
Abundance of Aquatic Plants: N/A
Maximum Depth of Plant Growth (ft): N/A

Fish Sampled up to the 1995 Survey Year

Species	Gear Used	Number of fish per net		<u>Average Fish Weight (lbs)</u>	<u>Normal Range (lbs)</u>
		Caught	Normal Range		
<u>Black Bullhead</u>	Gill net	13.0	2.5 - 45.0	0.22	0.3 - 0.7
	Trap net	8.8	0.7 - 25.7	ND	0.3 - 0.6
<u>Black Crappie</u>	Gill net	2.8	2.5 - 16.5	0.18	0.1 - 0.3
	Trap net	2.4	1.8 - 21.2	0.20	0.2 - 0.3
<u>Bluegill</u>	Gill net	4.2	N/A - N/A	0.18	N/A - N/A
	Trap net	125.6	7.5 - 62.5	ND	0.1 - 0.3
<u>Brown Bullhead</u>	Trap net	0.6	0.2 - 1.4	0.71	0.5 - 1.0

<i>Golden Shiner</i>	Gill net	1.3	0.3 - 1.5	0.11	0.1 - 0.1
<i>Green Sunfish</i>	Trap net	0.1	0.2 - 1.3	0.11	0.1 - 0.2
<i>Hybrid Sunfish</i>	Trap net	7.0	N/A - N/A	0.15	N/A - N/A
<i>Largemouth Bass</i>	Gill net	0.2	0.3 - 0.8	3.25	0.4 - 1.0
<i>Northern Pike</i>	Gill net	4.8	1.5 - 7.3	4.96	2.0 - 3.5
<i>Pumpkinseed Sunfish</i>	Trap net	2.7	0.7 - 4.2	0.11	0.1 - 0.2
<i>White Sucker</i>	Gill net	0.5	0.4 - 2.2	1.96	1.5 - 2.4
<i>Yellow Perch</i>	Gill net	28.7	2.0 - 27.9	0.11	0.1 - 0.2

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

Length of Selected Species Sampled for All Gear for the 1995 Survey Year

Species	Number of fish caught in each category (inches)								Total
	0-5	6-8	9-11	12-14	15-19	20-24	25-29	>29	
<i>Black Bullhead</i>	0	156	1	0	0	0	0	0	157
<i>Black Crappie</i>	1	38	0	0	0	0	0	0	39
<i>Bluegill</i>	137	192	0	0	0	0	0	0	329
<i>Brown Bullhead</i>	0	1	3	1	0	0	0	0	5
<i>Green Sunfish</i>	1	0	0	0	0	0	0	0	1
<i>Hybrid Sunfish</i>	43	20	0	0	0	0	0	0	63
<i>Largemouth Bass</i>	0	0	0	0	1	0	0	0	1
<i>Northern Pike</i>	0	0	0	0	2	6	16	5	29
<i>Pumpkinseed Sunfish</i>	24	0	0	0	0	0	0	0	24
<i>Yellow Perch</i>	26	146	0	0	0	0	0	0	172

Minnesota Fish Consumption Advisory 2000

No fish consumption information is available for this lake.

Status of the Fishery (as of 06/26/95)

Ann Lake has a respectable northern pike population, especially for a major metropolitan area. The gillnet catch was within the average range for similar types of lakes, but the mean size of the fish sample was above average. Of the northern pike captured, 72%

were over 25 inches. The bluegill population is above average while their average length is 6.1 inches. Black crappies were sampled within normal levels. Their average length is 7.5 inches.

Lake Information Report

Name: CHRISTMAS

Nearest Town: CHANHASSEN
Primary County: Hennepin

Survey Date: 06/24/96
Inventory Number: 27-0137-00

Public Access Information

Ownership	Type	Description
Minnesota DNR County	Concrete Earthen	Minnesota DNR access on the northwest bay. Controlled access maintained by Carver County Sheriff (not a public access).

Lake Characteristics

Lake Area (acres): 257.00
Littoral Area (acres): 77.00
Maximum Depth (ft): 87.00
Water Clarity (ft): 25.00

Dominant Bottom Substrate: sand, muck, detritus
Abundance of Aquatic Plants: abundant
Maximum Depth of Plant Growth (ft): 18.00

Fish Sampled up to the 1996 Survey Year

Species	Gear Used	Number of fish per net		Average Fish Weight (lbs)	Normal Range (lbs)
		Caught	Normal Range		
<i>Black Bullhead</i>	Gill net	0.3	0.3 - 1.9	1.06	0.3 - 0.9
	Trap net	0.4	0.3 - 1.7	0.53	0.3 - 0.9
<i>Black Crappie</i>	Trap net	0.1	0.5 - 2.2	0.24	0.3 - 0.5
<i>Bluegill</i>	Trap net	110.2	7.7 - 43.4	ND	0.1 - 0.2
<i>Bowfin (Dogfish)</i>	Trap net	0.8	0.3 - 1.0	4.27	2.6 - 4.9

<i>Common Carp</i>	Trap net	0.4	0.1 - 0.9	12.05	3.1 - 10.6
<i>Green Sunfish</i>	Trap net	0.7	0.6 - 2.0	0.17	0.1 - 0.2
<i>Hybrid Sunfish</i>	Trap net	1.4	N/A - N/A	0.21	N/A - N/A
<i>Largemouth Bass</i>	Trap net	0.1	0.4 - 1.5	0.06	0.2 - 0.7
<i>Northern Pike</i>	Gill net	7.2	2.2 - 8.7	ND	1.5 - 3.2
	Trap net	0.4	N/A - N/A	0.53	N/A - N/A
<i>Pumpkinseed Sunfish</i>	Trap net	3.1	1.4 - 5.9	0.15	0.1 - 0.2
<i>Rainbow Trout</i>	Gill net	2.8	N/A - N/A	2.76	N/A - N/A
<i>White Sucker</i>	Gill net	0.7	0.5 - 2.0	2.54	1.6 - 2.6
<i>Yellow Bullhead</i>	Trap net	2.0	1.0 - 5.3	0.52	0.5 - 0.9
<i>Yellow Perch</i>	Gill net	0.3	1.5 - 13.8	0.11	0.1 - 0.2
	Trap net	0.3	0.4 - 2.3	0.11	0.1 - 0.2

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

Length of Selected Species Sampled for All Gear for the 1996 Survey Year

Species	Number of fish caught in each category (inches)								Total
	0-5	6-8	9-11	12-14	15-19	20-24	25-29	>29	
<i>Black Bullhead</i>	0	1	4	1	0	0	0	0	6
<i>Black Crappie</i>	0	1	0	0	0	0	0	0	1
<i>Bluegill</i>	105	151	0	0	0	0	0	0	256
<i>Green Sunfish</i>	3	3	0	0	0	0	0	0	6
<i>Hybrid Sunfish</i>	2	11	0	0	0	0	0	0	13
<i>Largemouth Bass</i>	1	0	0	0	0	0	0	0	1
<i>Northern Pike</i>	0	0	0	14	28	3	2	0	47
<i>Pumpkinseed Sunfish</i>	23	5	0	0	0	0	0	0	28
<i>Rainbow Trout</i>	0	0	0	1	12	3	1	0	17
<i>Yellow Bullhead</i>	0	6	9	3	0	0	0	0	18
<i>Yellow Perch</i>	2	3	0	0	0	0	0	0	5

Fish Stocked by Species for the Last Five Years

Year	Species	Age	Number
1995	<i>Brown Trout</i>	Adult	10
1996	<i>Rainbow Trout</i>	Adult	1,739
	<i>Rainbow Trout</i>	Adult	390
	<i>Rainbow Trout</i>	Yearling	261
1997	<i>Rainbow Trout</i>	Yearling	126
	<i>Rainbow Trout</i>	Adult	210
1998	<i>Rainbow Trout</i>	Adult	137
	<i>Rainbow Trout</i>	Yearling	10
	<i>Rainbow Trout</i>	Adult	200
1999	<i>Rainbow Trout</i>	Yearling	1,010
	<i>Rainbow Trout</i>	Adult	17

Minnesota Fish Consumption Advisory 2000

LAKE	SPECIES	FISH SIZE (inches)				
		5-15	15-20	20-25	25-30	30+
Christmas 27013700 Hennepin Co.	Bluegill Sunfish	○				
	Carp	*			◻	◻
	Northern Pike		◐	◐	◐	
	Rainbow Trout		◻	◻		
	White Sucker		◐	◐		

Symbol Key

Mercury

	*	○	◐	◑	●
Women of child-bearing age and young children		unlimited	1 meal/week	1 meal/month	do not eat
Other Persons		unlimited	unlimited	1 meal/week	1 meal/month

PCBs

	□	◻	◼	◽	■
All Persons		unlimited	1 meal/week	1 meal/month	1 meal/2 months

Meal advice for PCBs assumes fat is trimmed from the fillets and the fillets are cooked in a way that allows fat to drain away.

Status of the Fishery (as of 06/24/96)

Christmas Lake is a relatively infertile lake with a water clarity of 25 feet on June 24, 1996. The lake is managed as a two-story lake which means that warmwater species, such as bluegills, and coldwater species, such as rainbow trout, can survive in the same lake. Christmas Lake is one of the few lakes in the metro area with habitat to support trout all year long. Surplus rainbow trout from state fish hatcheries are occasionally stocked when they become available. Catchable size trout, 8 to 11 inches, have also been stocked in the past. During the summer the trout move to deeper, cool, well oxygenated water.

The shallower waters of the lake contain a diverse aquatic plant community where a majority of the fish species are located. Bluegills are relatively abundant in the lake although the slow growth limits the number of fish attaining a size preferred by anglers. The average size of bluegills sampled in the trapnets was 6.2 inches, with 60% 6 inches or longer, and 19% 7 inches or longer. Individuals up to 7.9

inches were sampled. Pumpkinseed, green sunfish, and hybrid sunfish were present in lower abundance when compared to the bluegills. None of these three species exceeded 7.5 inches in length. Largemouth bass were present in the lake but the sampling gear used is not very effective at capturing bass. Black crappie and yellow perch remained in very low abundance.

Northern pike are abundant for this infertile lake. The average size sampled was 17.1 inches and 1.1 pounds.

Yellow bullheads were five times more abundant than black bullheads which reflects the good water quality of Christmas Lake. Black bullheads were low in abundance, while yellow bullheads were moderately abundant for lakes similar to Christmas Lake. Bullheads up to 12.4 inches were present.

Bowfin, carp, and white suckers were sampled in average numbers for this type of lake. The fish were large with bowfin averaging 4.3 pounds, white suckers averaging 2.5 pounds, and carp averaging 12.1 pounds.

Lake Information Report

Name: Lotus

Nearest Town: Chanhassen
Primary County: Carver

Survey Date: 07/12/99
Inventory Number: 10-0006-00

Public Access Information

Ownership	Type	Description
City	Concrete	South end of lake

Lake Characteristics

Lake Area (acres): 246.00
Littoral Area (acres): 182.00
Maximum Depth (ft): 29.00
Water Clarity (ft): 3.50

Dominant Bottom Substrate: N/A
Abundance of Aquatic Plants: N/A
Maximum Depth of Plant Growth (ft): N/A

Fish Sampled up to the 1999 Survey Year

Species	Gear Used	Number of fish per net		<u>Average Fish Weight (lbs)</u>	<u>Normal Range (lbs)</u>
		Caught	Normal Range		
<i>Black Bullhead</i>	Gill net	4.7	2.5 - 45.0	0.37	0.3 - 0.7
	Trap net	1.6	0.7 - 25.7	0.41	0.3 - 0.6
<i>Black Crappie</i>	Gill net	1.2	2.5 - 16.5	0.14	0.1 - 0.3
	Trap net	0.8	1.8 - 21.2	0.11	0.2 - 0.3
<i>Bluegill</i>	Gill net	30.3	N/A - N/A	0.13	N/A - N/A
	Trap net	248.9	7.5 - 62.5	0.17	0.1 - 0.3

<i>Common Carp</i>	Trap net	0.2	0.4 - 2.0	7.30	2.6 - 6.0
<i>Golden Shiner</i>	Gill net	0.7	0.3 - 1.5	0.09	0.1 - 0.1
	Trap net	0.1	0.2 - 0.8	0.06	0.1 - 0.1
<i>Green Sunfish</i>	Trap net	1.0	0.2 - 1.3	0.06	0.1 - 0.2
<i>Hybrid Sunfish</i>	Gill net	0.3	N/A - N/A	0.16	N/A - N/A
	Trap net	1.8	N/A - N/A	0.11	N/A - N/A
<i>Largemouth Bass</i>	Trap net	1.1	0.2 - 0.7	1.10	0.2 - 0.9
<i>Northern Pike</i>	Gill net	1.7	1.5 - 7.3	5.60	2.0 - 3.5
	Trap net	0.4	N/A - N/A	5.29	N/A - N/A
<i>Pumpkinseed Sunfish</i>	Gill net	5.8	N/A - N/A	0.12	N/A - N/A
	Trap net	8.9	0.7 - 4.2	0.10	0.1 - 0.2
<i>Walleye</i>	Gill net	3.2	1.2 - 6.3	3.04	1.2 - 2.7
<i>White Sucker</i>	Trap net	0.3	0.2 - 1.0	2.27	1.6 - 2.8
<i>Yellow Bullhead</i>	Gill net	2.2	0.5 - 7.5	1.05	0.5 - 0.8
	Trap net	3.6	0.9 - 5.7	0.69	0.5 - 0.8
<i>Yellow Perch</i>	Gill net	120.6	2.0 - 27.9	ND	0.1 - 0.2
	Trap net	1.3	0.3 - 1.7	0.12	0.1 - 0.2

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

Length of Selected Species Sampled for All Gear for the 1999 Survey Year

Species	Number of fish caught in each category (inches)								Total
	0-5	6-8	9-11	12-14	15-19	20-24	25-29	>29	
<i>Black Bullhead</i>	0	58	20	6	0	0	0	0	84
<i>Black Crappie</i>	6	22	0	0	0	0	0	0	28
<i>Bluegill</i>	288	578	0	0	0	0	0	0	866
<i>Green Sunfish</i>	16	2	0	0	0	0	0	0	18
<i>Hybrid Sunfish</i>	26	10	0	0	0	0	0	0	36
<i>Largemouth Bass</i>	4	6	4	2	4	0	0	0	20
<i>Northern Pike</i>	0	0	0	0	0	4	22	2	28
<i>Pumpkinseed Sunfish</i>	220	10	0	0	0	0	0	0	230
<i>Walleye</i>	0	0	0	4	16	18	0	0	38

Yellow Bullhead

<u>Yellow Bullhead</u>	0	16	44	28	2	0	0	0	90
<u>Yellow Perch</u>	54	334	0	0	0	0	0	0	388

Fish Stocked by Species for the Last Five Years

Year	Species	Age	Number
1995	<u>Walleye</u>	Yearling	902
1997	<u>Walleye</u>	Fingerling	2,082
1999	<u>Walleye</u>	Fingerling	1,004
	<u>Walleye</u>	Yearling	305

Minnesota Fish Consumption Advisory 2000

LAKE	SPECIES	FISH SIZE (inches)				
		5-15	15-20	20-25	25-30	30+
Lotus 10000600 Carver Co.	Bluegill Sunfish	○				
	Carp				◐	
	Northern Pike			○	◐	◐
	Walleye		◐	◐		

Symbol Key






Mercury

*	○	◐	◑	◒	◓
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Women of child-bearing age and young children

	unlimited	1 meal/week	1 meal/month	do not eat	do not eat
Other Persons	unlimited	unlimited	1 meal/week	1 meal/month	do not eat

PCBs

					
All Persons	unlimited	1 meal/week	1 meal/month	1 meal/2 months	do not eat

Meal advice for PCBs assumes fat is trimmed from the fillets and the fillets are cooked in a way that allows fat to drain away.

Status of the Fishery (as of 07/12/99)

Walleye are the primary management species in Lotus Lake. The walleye population is currently within the normal range for lakes of this type. The average length and weight sampled were 19.5 inches and 3.0 pounds. A high yellow perch population could make walleye fishing tough due to abundant forage. The northern pike population has increased since the last survey and are averaging approximately 27.5 inches in length. Bluegills are extremely abundant and over 66% are 6 inches or larger, but there are few fish that are larger than 7 inches. Largemouth bass, which are normally not caught in trapnets, were rather abundant. The average length sampled was 10.4 inches. The largest bass sampled was 18.8 inches. Both yellow and black bullheads are present in Lotus Lake. The black bullheads are less abundant and smaller than the yellow bullheads that were sampled. Other species present include green sunfish, hybrid sunfish, pumpkinseed sunfish, carp, white sucker, and golden shiner.

Lake Information Report

Name: LUCY

Nearest Town: CHANHASSEN
Primary County: Carver

Survey Date: 07/05/95
Inventory Number: 10-0007-00

Public Access Information

Ownership	Type	Description
City	Carry-in	City park on southeast shore
Other	Earthen	Private launch via James A. Buehring's property. 7000 Utica Lane Chanhassen Mn

Lake Characteristics

Lake Area (acres): 92.00
Littoral Area (acres): 86.00
Maximum Depth (ft): 20.00
Water Clarity (ft): 3.80

Dominant Bottom Substrate: N/A
Abundance of Aquatic Plants: N/A
Maximum Depth of Plant Growth (ft): N/A

Fish Sampled up to the 1995 Survey Year

Species	<u>Gear Used</u>	Number of fish per net		<u>Average Fish Weight (lbs)</u>	<u>Normal Range (lbs)</u>
		Caught	<u>Normal Range</u>		
<i>Black Bullhead</i>	Gill net	64.0	9.6 - 91.4	0.11	0.2 - 0.5
	Trap net	174.3	2.2 - 60.5	0.11	0.2 - 0.5
<i>Black Crappie</i>	Gill net	5.7	1.5 - 14.7	0.15	0.1 - 0.3
	Trap net	3.0	2.4 - 15.1	0.18	0.2 - 0.4
<i>Bluegill</i>	Gill net	54.3	N/A - N/A	0.19	N/A - N/A

	Trap net	63.3	1.9 - 29.5	0.17	0.2 - 0.3
<i>Common Carp</i>	Trap net	0.1	1.0 - 3.6	3.31	2.1 - 5.3
<i>Golden Shiner</i>	Gill net	4.3	0.4 - 4.3	0.15	0.1 - 0.1
<i>Green Sunfish</i>	Trap net	0.2	0.2 - 2.0	0.07	0.1 - 0.2
<i>Hybrid Sunfish</i>	Gill net	9.3	N/A - N/A	0.15	N/A - N/A
	Trap net	16.3	N/A - N/A	ND	N/A - N/A
<i>Largemouth Bass</i>	Gill net	2.3	0.5 - 1.0	2.19	0.2 - 1.5
	Trap net	0.9	0.3 - 1.2	2.13	0.4 - 1.2
<i>Northern Pike</i>	Gill net	3.0	1.5 - 7.0	2.46	1.5 - 3.4
	Trap net	0.2	N/A - N/A	2.43	N/A - N/A
<i>Pumpkinseed Sunfish</i>	Gill net	2.7	N/A - N/A	0.11	N/A - N/A
	Trap net	8.8	0.8 - 8.4	0.10	0.1 - 0.2
<i>White Sucker</i>	Gill net	0.3	0.5 - 7.4	2.15	1.0 - 2.2
<i>Yellow Bullhead</i>	Gill net	0.3	0.6 - 6.8	1.17	0.4 - 0.6
<i>Yellow Perch</i>	Gill net	1.3	3.0 - 26.5	0.14	0.1 - 0.3

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

Length of Selected Species Sampled for All Gear for the 1995 Survey Year

Species	Number of fish caught in each category (inches)								Total
	0-5	6-8	9-11	12-14	15-19	20-24	25-29	>29	
<i>Black Bullhead</i>	172	202	1	0	0	0	0	0	375
<i>Black Crappie</i>	2	42	0	0	0	0	0	0	44
<i>Bluegill</i>	46	277	0	0	0	0	0	0	323
<i>Green Sunfish</i>	2	0	0	0	0	0	0	0	2
<i>Hybrid Sunfish</i>	144	31	0	0	0	0	0	0	175
<i>Largemouth Bass</i>	1	0	6	0	7	1	0	0	15
<i>Northern Pike</i>	0	0	0	0	4	5	2	0	11
<i>Pumpkinseed Sunfish</i>	83	4	0	0	0	0	0	0	87
<i>Yellow Bullhead</i>	0	0	0	1	0	0	0	0	1
<i>Yellow Perch</i>	1	3	0	0	0	0	0	0	4

Minnesota Fish Consumption Advisory 2000

No fish consumption information is available for this lake.

Status of the Fishery (as of 07/05/95)

The black bullhead population in Lucy Lake is well above average, but the average size of the fish is below average. Bluegills are also very abundant in this lake. Over 80% of the bluegills measured were over 6 inches, with the average size sampled being 6.7 inches. Largemouth bass abundance is within normal levels for this type of lake. The average size of those sampled was approximately 14.5 inches in length. One bass that was caught was 21.3 inches long. The black crappie population is also with normal levels. The average length of 7.3 inches, is somewhat below what most anglers like to keep. Most of the crappies sampled were age three fish that had good growth rates. Northern pike abundance is normal when compared to similar lakes. The average length captured was 21.5 inches.

Lake Information Report

Name: Minnewashta

Nearest Town: CHASKA
Primary County: Carver

Survey Date: 06/30/98
Inventory Number: 10-0009-00

Public Access Information

Ownership	Type	Description
County	Concrete	Lake Minnewashta Regional Park (Northeast shore)
County	Concrete	Lake Minnewashta Regional Park (East shore)

Lake Characteristics

Lake Area (acres): 738.00
Littoral Area (acres): N/A
Maximum Depth (ft): 70.00
Water Clarity (ft): 7.80

Dominant Bottom Substrate: N/A
Abundance of Aquatic Plants: N/A
Maximum Depth of Plant Growth (ft): N/A

Fish Sampled up to the 1998 Survey Year

Species	<u>Gear Used</u>	Number of fish per net		<u>Average Fish Weight (lbs)</u>	<u>Normal Range (lbs)</u>
		Caught	<u>Normal Range</u>		
<i>Black Bullhead</i>	Gill net	1.1	2.5 - 45.0	0.57	0.3 - 0.7
	Trap net	0.4	0.7 - 25.7	0.68	0.3 - 0.6
<i>Black Crappie</i>	Gill net	3.6	2.5 - 16.5	ND	0.1 - 0.3
	Trap net	0.5	1.8 - 21.2	0.19	0.2 - 0.3
<i>Bluegill</i>	Gill net	14.3	N/A - N/A	ND	N/A - N/A

<u>Bowfin (Dogfish)</u>	Trap net	247.3	7.5 - 62.5	ND	0.1 - 0.3
	Gill net	0.6	0.2 - 0.8	3.48	2.4 - 4.2
<u>Brown Bullhead</u>	Trap net	0.5	0.4 - 1.3	3.65	2.3 - 4.1
	Gill net	0.2	0.4 - 2.0	0.54	0.5 - 1.0
<u>Green Sunfish</u>	Trap net	trace	0.2 - 1.4	0.78	0.5 - 1.0
	Gill net	trace	0.2 - 0.5	0.04	N/A - N/A
<u>Hybrid Sunfish</u>	Trap net	trace	0.2 - 1.3	0.02	0.1 - 0.2
	Gill net	trace	N/A - N/A	0.23	N/A - N/A
<u>Largemouth Bass</u>	Trap net	0.9	N/A - N/A	0.19	N/A - N/A
	Gill net	0.2	0.3 - 0.8	ND	0.4 - 1.0
<u>Northern Pike</u>	Gill net	15.9	1.5 - 7.3	ND	2.0 - 3.5
	Trap net	0.4	N/A - N/A	ND	N/A - N/A
<u>Pumpkinseed Sunfish</u>	Gill net	0.8	N/A - N/A	0.06	N/A - N/A
	Trap net	1.3	0.7 - 4.2	0.12	0.1 - 0.2
<u>Walleye</u>	Trap net	trace	0.3 - 1.2	1.50	0.8 - 2.8
<u>Yellow Bullhead</u>	Gill net	3.9	0.5 - 7.5	ND	0.5 - 0.8
	Trap net	3.3	0.9 - 5.7	0.76	0.5 - 0.8
<u>Yellow Perch</u>	Gill net	trace	2.0 - 27.9	0.04	0.1 - 0.2

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

Length of Selected Species Sampled for All Gear for the 1998 Survey Year

Species	Number of fish caught in each category (inches)								Total
	0-5	6-8	9-11	12-14	15-19	20-24	25-29	>29	
<u>Black Bullhead</u>	2	6	24	4	0	0	0	0	36
<u>Black Crappie</u>	24	60	8	0	0	0	0	0	92
<u>Bluegill</u>	218	826	0	0	0	0	0	0	1,044
<u>Brown Bullhead</u>	0	0	6	0	0	0	0	0	6
<u>Green Sunfish</u>	4	0	0	0	0	0	0	0	4
<u>Hybrid Sunfish</u>	10	14	0	0	0	0	0	0	24
<u>Largemouth Bass</u>	0	0	2	0	2	0	0	0	4
<u>Northern Pike</u>	0	0	4	22	210	84	18	2	340

Pumpkinseed Sunfish

<i>Pumpkinseed Sunfish</i>	46	4	0	0	0	0	0	0	50
<i>Walleye</i>	0	0	0	0	2	0	0	0	2
<i>Yellow Bullhead</i>	2	16	116	32	0	0	0	0	166
<i>Yellow Perch</i>	2	0	0	0	0	0	0	0	2

Minnesota Fish Consumption Advisory 2000

No fish consumption information is available for this lake.

Status of the Fishery (as of 06/30/98)

Northern pike are the predominant gamefish in Lake Minnewashta. Their population is well above average for this type of lake. The average length and weight of sampled northern pike was 19.3 inches and 1.3 pounds. The largest individual measured was 31.6 inches in length. Only 6.3 percent of the northern pike captured were larger than 25 inches.

Numerous largemouth bass were sampled during electrofishing. The average length was only 10.6 inches. Only 3.7 percent of the bass sampled exceeded 16 inches in length. An experimental regulation designed to improve the number and size of largemouth bass requires that any largemouth bass caught be immediately returned to the lake regardless of size or condition.

Bluegills are extremely abundant in Lake Minnewashta. The average length sampled was 6.7 inches. A total of 44.1 percent of the bluegills measured were larger than 7 inches. Black crappies were sampled within normal abundance levels for this lake. They had an average length of 6.9 inches.

Black, brown, and yellow bullheads were each caught during this survey. Yellow bullheads were by far the most abundant species sampled. Their average size was approximately 11 inches long and 0.75 pounds.

Lake Information Report

Name: Riley

Nearest Town: Chanhassen\Eden Prairie
Primary County: Carver

Survey Date: 06/28/99
Inventory Number: 10-0002-00

Public Access Information

Ownership	Type	Description
City	Concrete	East central shore

Lake Characteristics

Lake Area (acres): 297.00
Littoral Area (acres): 109.60
Maximum Depth (ft): 49.00
Water Clarity (ft): 2.75

Dominant Bottom Substrate: N/A
Abundance of Aquatic Plants: N/A
Maximum Depth of Plant Growth (ft): N/A

Fish Sampled up to the 1999 Survey Year

Species	Gear Used	Number of fish per net		Average Fish Weight (lbs)	Normal Range (lbs)
		Caught	Normal Range		
<i>Black Bullhead</i>	Gill net	15.0	2.5 - 45.0	0.33	0.3 - 0.7
	Trap net	12.9	0.7 - 25.7	0.31	0.3 - 0.6
<i>Black Crappie</i>	Gill net	18.2	2.5 - 16.5	0.22	0.1 - 0.3
	Trap net	85.0	1.8 - 21.2	0.22	0.2 - 0.3
<i>Bluegill</i>	Gill net	2.2	N/A - N/A	0.22	N/A - N/A
	Trap net	132.3	7.5 - 62.5	0.21	0.1 - 0.3

<i>Common Carp</i>	Gill net	5.7	0.3 - 3.0	3.06	1.9 - 5.2
	Trap net	1.7	0.4 - 2.0	3.34	2.6 - 6.0
<i>Golden Shiner</i>	Gill net	0.7	0.3 - 1.5	0.12	0.1 - 0.1
	Trap net	1.1	0.2 - 0.8	0.12	0.1 - 0.1
<i>Largemouth Bass</i>	Gill net	0.2	0.3 - 0.8	0.60	0.4 - 1.0
<i>Northern Pike</i>	Gill net	7.5	1.5 - 7.3	4.00	2.0 - 3.5
	Trap net	1.2	N/A - N/A	ND	N/A - N/A
<i>Pumpkinseed Sunfish</i>	Trap net	0.9	0.7 - 4.2	0.11	0.1 - 0.2
<i>Walleye</i>	Gill net	4.5	1.2 - 6.3	ND	1.2 - 2.7
	Trap net	1.1	0.3 - 1.2	0.54	0.8 - 2.8
<i>White Sucker</i>	Gill net	2.2	0.4 - 2.2	1.13	1.5 - 2.4
	Trap net	0.6	0.2 - 1.0	1.63	1.6 - 2.8
<i>Yellow Bullhead</i>	Gill net	1.7	0.5 - 7.5	ND	0.5 - 0.8
	Trap net	3.2	0.9 - 5.7	0.56	0.5 - 0.8
<i>Yellow Perch</i>	Gill net	34.5	2.0 - 27.9	ND	0.1 - 0.2
	Trap net	0.7	0.3 - 1.7	0.21	0.1 - 0.2

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

Length of Selected Species Sampled for All Gear for the 1999 Survey Year

Species	Number of fish caught in each category (inches)								Total
	0-5	6-8	9-11	12-14	15-19	20-24	25-29	>29	
<i>Black Bullhead</i>	0	294	118	0	0	0	0	0	412
<i>Black Crappie</i>	4	636	10	0	0	0	0	0	650
<i>Bluegill</i>	60	460	0	0	0	0	0	0	520
<i>Largemouth Bass</i>	0	0	2	0	0	0	0	0	2
<i>Northern Pike</i>	0	0	0	0	8	44	48	12	112
<i>Pumpkinseed Sunfish</i>	14	2	0	0	0	0	0	0	16
<i>Walleye</i>	0	0	14	34	12	12	2	0	74
<i>Yellow Bullhead</i>	0	16	52	10	0	0	0	0	78
<i>Yellow Perch</i>	22	254	0	0	0	0	0	0	276

Minnesota Fish Consumption Advisory 2000

LAKE	SPECIES	FISH SIZE (inches)				
		5-15	15-20	20-25	25-30	30+
Riley 10000200 Carver Co.	Black Crappie					
	Carp					
	Northern Pike					
	Walleye					

Symbol Key

Mercury

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Women of child-bearing age and young children

	unlimited	1 meal/week	1 meal/month	do not eat	do not eat
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Other Persons	unlimited	unlimited	1 meal/week	1 meal/month	do not eat
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PCBs

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All Persons	unlimited	1 meal/week	1 meal/month	1 meal/2 months	do not eat
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Meal advice for PCBs assumes fat is trimmed from the fillets and the fillets are cooked in a way that allows fat to drain away.

Status of the Fishery (as of 06/28/99)

Riley Lake is mainly managed for northern pike and largemouth bass. Northern pike are very abundant and over half of the fish handled during the survey exceeded 25 inches in length. Only one largemouth bass was sampled during netting, but 23 were sampled electrofishing. They averaged 10.2 inches in length. Bluegills are very abundant in this lake. Nearly 20% of the bluegills netted were larger than 7 inches. Walleyes are present in good numbers in this lake from private stocking and movement from Susan Lake through Riley Creek. Walleyes sampled in the gillnets averaged 16.0 inches in length. Yellow perch are also abundant, but average only about 6.6 inches in length. Carp and black bullhead are present in abundant numbers. White sucker and yellow bullhead are also present, but in much lower numbers.

Lake Information Report

Name: ST. JOE (Little Joe)

Nearest Town: Chanhassen
Primary County: Carver

Survey Date: 06/21/94
Inventory Number: 10-0011-00

Public Access Information

Ownership	Type	Description
Minnesota DNR	Gravel	State owned access on NE shore of lake.

Lake Characteristics

Lake Area (acres): 14.00
Littoral Area (acres): 6.50
Maximum Depth (ft): 52.00
Water Clarity (ft): 10.00

Dominant Bottom Substrate: N/A
Abundance of Aquatic Plants: N/A
Maximum Depth of Plant Growth (ft): N/A

Fish Sampled up to the 1994 Survey Year

Species	Gear Used	Number of fish per net		<u>Average Fish Weight (lbs)</u>	<u>Normal Range (lbs)</u>
		Caught	Normal Range		
<i>Black Bullhead</i>	Gill net	54.0	5.2 - 56.2	0.34	0.2 - 0.5
	Trap net	2.0	1.3 - 26.0	0.27	0.2 - 0.5
<i>Bluegill</i>	Trap net	5.3	6.5 - 59.6	0.16	0.1 - 0.2
<i>Bowfin (Dogfish)</i>	Gill net	2.0	0.3 - 1.5	4.08	1.9 - 3.3
	Trap net	0.8	0.3 - 1.0	1.57	2.2 - 4.0
<i>Brown Bullhead</i>	Trap net	1.5	0.5 - 5.4	0.26	0.4 - 0.7

Green Sunfish

<u>Green Sunfish</u>	Trap net	2.8	0.3 - 2.0	0.14	0.1 - 0.1
<u>Hybrid Sunfish</u>	Gill net	1.5	N/A - N/A	0.36	N/A - N/A
	Trap net	8.5	N/A - N/A	0.25	N/A - N/A
<u>Largemouth Bass</u>	Trap net	0.3	0.3 - 0.8	0.03	0.2 - 1.1
<u>Northern Pike</u>	Gill net	4.5	2.5 - 7.9	0.77	1.8 - 3.3
	Trap net	2.2	N/A - N/A	0.54	N/A - N/A
<u>Pumpkinseed Sunfish</u>	Trap net	3.2	0.8 - 5.3	0.06	0.1 - 0.2
<u>Yellow Bullhead</u>	Trap net	0.3	0.8 - 5.0	0.39	0.4 - 0.7

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

Length of Selected Species Sampled for All Gear for the 1994 Survey Year

Species	Number of fish caught in each category (inches)								Total
	0-5	6-8	9-11	12-14	15-19	20-24	25-29	>29	
<u>Black Bullhead</u>	0	114	5	1	0	0	0	0	120
<u>Bluegill</u>	19	13	0	0	0	0	0	0	32
<u>Brown Bullhead</u>	0	6	3	0	0	0	0	0	9
<u>Green Sunfish</u>	7	10	0	0	0	0	0	0	17
<u>Hybrid Sunfish</u>	17	37	0	0	0	0	0	0	54
<u>Largemouth Bass</u>	2	0	0	0	0	0	0	0	2
<u>Northern Pike</u>	0	0	2	12	7	1	0	0	22
<u>Pumpkinseed Sunfish</u>	17	2	0	0	0	0	0	0	19
<u>Yellow Bullhead</u>	1	0	1	0	0	0	0	0	2

Minnesota Fish Consumption Advisory 2000

No fish consumption information is available for this lake.

Status of the Fishery (as of 06/21/94)

St. Joe Lake currently has a fish population dominated by small black bullheads, northern pike and several species of panfish. Approximately 25 percent of individual bluegill and hybrid sunfish sampled were over 7.0 inches in length. Growth rate was found to be generally below average for all species present in the sample.

Lake Information Report

Name: SUSAN

Nearest Town: Chanhassen\Eden Prairie
Primary County: Carver

Survey Date: 07/23/93
Inventory Number: 10-0013-00

Public Access Information

Ownership	Type	Description
Unknown	Unknown	NONE

Lake Characteristics

Lake Area (acres): 93.00
Littoral Area (acres): 75.00
Maximum Depth (ft): 17.00
Water Clarity (ft): 2.50

Dominant Bottom Substrate: sand, silt, gravel
Abundance of Aquatic Plants: abundant
Maximum Depth of Plant Growth (ft): 5.00

Fish Sampled up to the 1993 Survey Year

Species	Gear Used	Number of fish per net		Average Fish Weight (lbs)	Normal Range (lbs)
		Caught	Normal Range		
<i>Black Bullhead</i>	Gill net	91.0	7.7 - 104.7	ND	0.2 - 0.5
	Trap net	31.4	1.5 - 58.0	0.28	0.2 - 0.5
<i>Black Crappie</i>	Gill net	1.0	1.7 - 17.5	0.15	0.1 - 0.3
	Trap net	0.1	2.1 - 24.1	0.17	0.2 - 0.4
<i>Bluegill</i>	Gill net	2.5	N/A - N/A	0.23	N/A - N/A
	Trap net	9.7	3.5 - 57.1	0.17	0.1 - 0.3

<u>Brown Bullhead</u>					
<u>Brown Bullhead</u>	Gill net	3.0	0.8 - 7.0	0.17	0.3 - 0.8
	Trap net	0.6	0.4 - 5.1	0.15	0.4 - 0.9
<u>Common Carp</u>	Gill net	12.5	0.8 - 4.3	1.81	1.0 - 4.0
	Trap net	3.1	0.4 - 2.4	1.88	1.8 - 5.1
<u>Golden Shiner</u>	Gill net	2.0	0.6 - 2.8	0.12	0.1 - 0.2
<u>Hybrid Sunfish</u>	Trap net	0.4	N/A - N/A	0.10	N/A - N/A
<u>Largemouth Bass</u>	Trap net	0.3	0.2 - 0.8	1.59	0.3 - 1.5
<u>Northern Pike</u>	Gill net	3.5	2.0 - 10.8	2.89	1.7 - 3.1
	Trap net	0.2	N/A - N/A	2.98	N/A - N/A
<u>Pumpkinseed Sunfish</u>	Gill net	0.5	N/A - N/A	0.16	N/A - N/A
	Trap net	0.4	0.7 - 6.5	0.20	0.1 - 0.2
<u>Walleye</u>	Trap net	1.0	0.3 - 0.8	0.80	0.9 - 3.5
<u>Yellow Bullhead</u>	Gill net	0.5	0.5 - 5.0	0.89	0.4 - 0.8
	Trap net	0.4	1.0 - 7.1	0.27	0.4 - 0.8

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

Length of Selected Species Sampled for All Gear for the 1993 Survey Year

Species	Number of fish caught in each category (inches)								Total
	0-5	6-8	9-11	12-14	15-19	20-24	25-29	>29	
<u>Black Bullhead</u>	39	148	0	0	0	0	0	0	187
<u>Black Crappie</u>	0	3	0	0	0	0	0	0	3
<u>Bluegill</u>	36	56	0	0	0	0	0	0	92
<u>Brown Bullhead</u>	0	11	0	0	0	0	0	0	11
<u>Hybrid Sunfish</u>	4	0	0	0	0	0	0	0	4
<u>Largemouth Bass</u>	0	1	0	0	2	0	0	0	3
<u>Northern Pike</u>	0	0	0	0	1	4	4	0	9
<u>Pumpkinseed Sunfish</u>	0	5	0	0	0	0	0	0	5
<u>Walleye</u>	0	0	3	3	3	0	0	0	9
<u>Yellow Bullhead</u>	0	3	1	1	0	0	0	0	5

Fish Stocked by Species for the Last Five Years

Year	Species	Age	Number
1995	<i>Walleye</i>	Fry	150,000
1996	<i>Walleye</i>	Fry	50,000
1997	<i>Walleye</i>	Fry	150,000
1998	<i>Walleye</i>	Fry	150,000
1999	<i>Walleye</i>	Fry	150,000

Minnesota Fish Consumption Advisory 2000

LAKE	SPECIES	FISH SIZE (inches)				
		5-15	15-20	20-25	25-30	30+
Susan <i>10001300</i> <i>Carver Co.</i>	Bluegill Sunfish	○				
	Carp		*	*		
	Northern Pike		○	○	○	
	Walleye	◐	◐			






Symbol Key

Mercury

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Women of child-bearing age and young children

	unlimited	1 meal/week	1 meal/month	do not eat	do not eat
Other Persons	unlimited	unlimited	1 meal/week	1 meal/month	do not eat
PCBs					
					
All Persons	unlimited	1 meal/week	1 meal/month	1 meal/2 months	do not eat

Meal advice for PCBs assumes fat is trimmed from the fillets and the fillets are cooked in a way that allows fat to drain away.