



Minnesota Department of Natural Resources
 Fisheries Management
 STANDARD LAKE SURVEY REPORT



Lake Name: Frances
 DOW Number: 40-0057-00

Survey Type: Special Assessment
 Survey ID Date: 10/27/2009

SPECIAL ASSESSMENT SURVEY
 Electrofishing Targeting Walleye Young Of The Year

Lake Identification

Alternate Lake Name: Francis
 Primary Lake Class ID: 24

DNR Sounding Map Number: B0384
 Alternate Lake Class ID: 24

Lake Location

Primary County: Le Sueur

Nearest Town: Greenland

Legal Descriptions

Lake Center: Township - 109N Range - 24W Section - 27
 PLS Section Lake Center: 10902427

All Legal Descriptions:

Le Sueur County: Township - 109N Range - 24W Sections - 27, 28, 29, 32, 33, 34, 35

Area Office

Area Name: Waterville
 Region Name: Southern

ORG Code: F417
 Region Number: 4

Lake Access

(Information based on Re-Survey dated 07/10/2006)

Station ID	Ownership	Public Use	Type	Location / Comments
AC - 1	DNR	Open to Public use	Concrete	East end of lake off CR 11. Good access featuring double ramps - dock - portable restroom and a large parking area.

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

Lake Characteristics

Lake Area (planimetered acres): 797.00
 GIS Lake Area (acres): 926.99
 DOW Lake Area (acres): 870.00
 Littoral Area (acres): 502.00
 Area in MN (acres): 926.99
 Maximum Depth (feet): 60.0
 Mean Depth (feet): N/A

GIS Shoreline Length (miles): 8.75
 Maximum Fetch (miles): 3.00
 Fetch Orientation (degrees): 270
 USGS Quad Map Number: V15b
 USGS Quad 24K GIS Index: 4229

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Watershed Characteristics

Major Watershed

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

Minor Watershed

Name: unknown DNR Minor Wshd
 Watershed Number: 37
 Watershed size (acres): 7,912

Surveys And Investigations

Re-Survey: 07/10/2006, 07/16/2001, 07/15/1996, 07/22/1991, 08/18/1986, 11/30/1968.
Special Assessment: 10/27/2009, 10/11/2007, 05/18/2004.

Water Level History - Readings

Station ID	Date	Level	Reading (feet)	Reading Type
BM - 3	07/10/2006	Low	-2.80	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 - 3	-2.80	07/10/2006	-2.80	07/10/2006	0.00	-2.80	Above or below Benchmark (1)

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Electrofishing Catch Summary for EF

Standard electrofishing

Total run-time for all stations: 01:00:00
Total on-time for all stations: 00:58:20
First Sampling Date: 10/27/2009
Last Sampling Date: 10/27/2009
Daylight Sampling: No
Target Species: Young of the year walleye

<u>Abbr</u>	<u>Species</u>	<u>Summary By Numbers</u>			<u>Summary By Weight (pounds)</u>			
		<u>Total Number</u>	<u>Number per Hour</u>		<u>Total Weight</u>	<u>Lbs per Hour</u>		<u>Mean Weight</u>
			<u>Run-Time</u>	<u>On-Time</u>		<u>Run-Time</u>	<u>On-Time</u>	
(No fish taken)								

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Survey Crew Notes

Fall WAE YOY EF

Discussion

Night electrofishing targeting young of the year (YOY) walleyes was completed during the early evening of October 27, 2009. No YOY walleyes were observed. Frances is a fingerling contingency lake, so 502 pounds of walleye fingerlings were stocked the following week.

Approval Dates And Notices

Date Approved By Waterville Area Fisheries Supervisor: 04/07/2010

Date Approved By Southern Region Fisheries Manager: _____



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